MODERN EDUCATION SOCIETY'S

WADIA COLLEGE OF ENGINEERING, PUNE-01,

Accredited by NBA and NAAC with 'A++' Grade

19, Late Prin. V. K. Joag Path, Wadia College Campus, Pune-411001

DEPARTMENT OF COMPUTER ENGINEERING

DEPARTMENT REPORT (A.Y. 2023-24)

M.E. S. WADIA COLLEGE OF ENGINEERING, PUNE - 411 001

DEPARTMENT ACTIVITY REPORT FOR THE YEAR 2023-24

DEPARTMENT OF COMPUTER ENGINEERING

Term Duration -: Sem I (Start Date)

TE/BE :12/07/2023

SE : 10/08/2023

Term Duration-: Sem II (start Date)

TE/BE : 26/12/2023

SE : 15/01/2024

Table of Contents

Sr. No	Index		Page No
1	Department Activity Calendar		5
2	Number of Students Registered/Detained		9
3	Result Analysis : Term wise Compared with last Examination		9
4	Subject wise failure		10
5	Student Achievements		13
6	Faculty Activity / Development		34
7	Faculty Achievements / Special work / Lab Development		47
8	Development Activities		
		Purchase of Equipment	50
		MOU	51
		Co-Curricular	52
		Extra-Curricular	80
		Conference	153
		IIC	166

		Project competition 2023	173

Event	Date (Sem-I)		Date (Sem-II)	
Commencement of Teaching for SE TE BE	TE/BE: 12/07/2023 SE: 10/08/2023		TE/BE : 26/12/2023 SE: 15/01/2024	
Guest Lectures	1	Personality Development- 05/09/2023	1	Be Industry Ready with XR14/02/202
	2	Personality Development- 06/09/2023	2	Guidance for project selection (In Association with CSI) 27-02-2024
	3	Personality Development- 07/09/2023	3	Digital and Social Media Marketing 05-03-2024
	4	Basic of Artificial Intelligence- 06/10/2023	4	Basic of IPR , 02-04-2024
	5	Basic of LaTex- 13/10/2023		
ACE Activities	Nil		Digital Renaissance on 29th Feb and 1st March 2024	
Students Feedback	1	Mid Sem: TE/BE: 28/08/2023 SE : 07/09/2023		Mid Sem: SE/ TE/BE: 22/02/2024 to 29/02/2024
	2	End Sem: TE/BE : 26/10/2023		End Sem: SE/TE/BE- 23/04/2024 to

	SE: 23/11/2023	29/04/2024
Astitva Activities	Nil	
Day Celebration	Independence Day- 15/08/2023	Republic Day -26/01/2024
	Teachers Day - 05/09/2023	National Science Day - 28/02/2024
	Engineers Day -14/09/2023 , 15/09/2023	Women's Day Celebration - 07/03/2024
	Ayudha Pooja - 23/11/2023	
Workshops/Conference	Code with Logic- 21/10/2023	National Conference RACE on 4th April 2024 and 5th april 2024
TechNovation (Project Competition)	-	Organized "TechNovation " a project competition 2024 in association with IIC on 6th April 2024.
TE & BE In-Sem: SE insem:	TE/BE/- 04/09/2023 SE : 09/10/2023	SE/TE/BE - 20/03/2024
Industrial Visit	Nil	1. Visit at Giant Metrewave Radio Telescope (GMRT) observatory on Science day. Khodad Near Narayangaon 28th Feb 2024 2. Visit at MSME Defence Expo. 25th Feb 2024 ,Moshi 3. Staff Visit at Maverick Lab Pvt Ltd at Baner 2nd March 2024
NSS Activity	● International yoga day , 21/06/2023	● Blood Donation Camp,23/01/2024

	• COEP visit 'Meri Mati Mera Desh- Kalash Pooja' 26/07/2023 • Chitrarath-Ganesh Visrajan 28/09/2023 • Tree Plantation 27/07/02023 • Cleanliness Drive -Swacchta Hi Seva (SHS)03/10/2023 • Fit India Freedom run 4.0 , 06/10/2023 • Selfie with Mati' under 'Meri Mati ,Mera Desh' ,07/10/2023 • Voting Campaign, 10/01/2023 • Blood Donation Camp, 13/10/2023 • Stress Management by Dr. Manasi Jadhav ,16/10/2023 • Voice care for professional by Dr. Milind Bhoi , 17/10/2023 • Movement of Positivity by Mrs. Dhanashree Patil , 18/10/2023, • Stri Shaksticha Jagar by Dr. Ujwala Hake , 19/10/2023	• Special Camp, 12/02/2023 to 18/02/2023
Parent Meeting	TE:06/09/2023 SE:28/10/2023	-
Conclusion of Teaching of SE, TE & BE	SE –04/12/2023 TE & BE –04/11/2023	BE 20/04/2024 SE/TE 30/05/2024
Practical / Oral / Project Examinations of	TE/BE- 15/11/2023 SE- 11/12/2023	BE - 23/04/2024 SE/TE - 02/05/2024

SE/TE/BE		
Theory Examinations of FE, SE, TE & BE	TE/BE- 29/11/2023 SE-20/12/2023	BE 08/05/2024 SE/TE 15/05/2024
Vacation for Staff	TE/BE Faculty : 15/11/2023 SE Faculty: 05/12/23	SE/TE/BE : 20/05/2024

Academic Calendar

Modern Education Society's Wadia College of Engineering, Pune - 411 001

Department: Computer Engineering **Academic Year : 2023-24**

Academic Calendar **Sem Start Date: TE/BE: 10/07/2023** **Sem End Date: TE/BE: 04/11/2023**

Sem Start Date: SE: 10/08/202 **Sem End Date: SE: 04/12/2023**

Sr No	Institutional Development Activity	Activity Details	Group Leaders	IDC Department Coordinator	Department Committee	Detailed Activities	Planned Week	Sign
A	Management Review	Review of Activites 1,2,3,4. (Attendies: P, VP,Heads, Deans, IQAC,CEO, Registrar, Librarian, TPO with Trustees)	Principal / Vice-Principal	NFS	Department Committee			
B	Department Review	Monitoring and execution of activites 1,2,3,4 (Attendies: P, VP, Heads, Deans, IQAC, CEO, Registrar, Librarian, TPO)		NFS				
				SKW(PG)				
		Academic Activity	**VNR (Dean)**					
1	Academic Monitoring / Examination Cell	Academic Monitoring, Academic Audit	KST (E&TC)	SRK	NFS, SBS	Workload Distribution & inform to faculty	W-1, W0	
					SBS, CYV	Preparation of Academic Calendar, Time table & Display	W0,W1	
					SRK, SK SAS, PMP, CYV	Allotment of class, parent teachers, Course coordinator	W0, W1	
						Attendance Monitoring (Monthly Defaulters' list & Action Plan)	W6, W12, W16	
						Parents Meet		
						Mid/End term Feedback & its corrective action	W9, W16	
					RAK, SPD, DDA	Academic Audit to review quality of academic processes (Course & Department level Files)	W8	
					SSR, RHS	Annual Department Report	W15	
Sr No	**Instutional Development Activity**	**Activity Details**	**Group Leaders**	**IDC Department Coordintor**	**Department Committee**	**Detailed Activities**	**Planned Week**	
					SPK MSS, BFM, NSG, PSR, SSM	Result Data Analysis and Action plan (Remedial Classes)	W8	
						Mid Term Test (Internal)	As declared by SPPU	
						Display Marksheet & Analysis with action plan	As declared by SPPU	
						Univ In-Sem Examination and mark entry with Analysis	As declared by SPPU	

Sr No	Institutional Development Activity	Activity Details	Group Leaders	IDC Department Coordinator	Department Committee	Detailed Activities	Planned Week	Sign
		B.E. Project /PBL//Internship	SKW	SPD	SPD, SSR, PMP	BE Project	W4 To W15	
					SPD, SSR, ASK	TE Seminar	W4 To W15	
					APK, SK, STC	PBL	---	
					SPD, GBA, ASK	Internship	W1 To W15	
		Industrial Visit/ SDP/ Guest Lecture/ Student Association chapter		SSR	SSR, SAS, RHS, AAS, SSM	Guest Lecture / Expert Talk	W4 To W15	
					SBS, ADD, PSR	Industrial Visit	---	
					SBS, DDA, BFM	Professional Student Society Association -CSI/ACM/SAE/ISTE/IET etc	W10	
					BKB, GBA,NSG	Student Workshop, Student Technical Skill Development Training	W3 To W15	
					GSP, ASK, JSM	ACE/ETSA/MESA	W11	
		Accreditation Process & Quality Ranking	PPM (IQAC)	RMW	RMW, NSG	NBA	W4 to W15	
					APK, BFM, AAS	NAAC	W4 to W15	
					RMW, SPK, DDA	NIRF		
					RMW, BKB,SSM	ARIIA	W4 to W15	
Sr No	**Instutional Development Activity**	**Activity Details**	**Group Leaders**	**IDC Department Coordintor**	**Department Committee**	**Detailed Activities**	**Planned Week**	
		Industry Institute Interaction	**RAK (Dean)**					
2	**Interaction with Outside world Cell**	Consultancy / MOU / Grants / Rev. Generation/FDP / Conference / Publications/ Technical/Office Staff Training	SHG	JRP	JRP, PSR	MOU with Industry/ Institute/ Research Organisation	W8-W10	
					GSP, ADD	Grants/ Consultancy/ Revenue Generation	W1-W15	
					BKB, GBA, ASK, NSG	FDP/ STTP	W12-13	
					GSP, ADD	Technical Support & Office Staff Training	W10	
					APK, JSM, BFM	Conference	-	
					JRP, SK, PSR	Publications	W12-W15	
					RMW, SAS, PMP	Incubation		
		R&D / Innovation / EDC/Incubation/ International Colabaration	RSK	RMW	RMW, SAS, PMP	Entreprenureship Devlopment Programme		
					JRP, CYV, PSR, ADD	R&D / Innovation		

Sr No	Institutional Development Activity	Activity Details	Group Leaders	IDC Department Coordinator	Department Committee	Detailed Activities	Planned Week	Sign
Sr No	Instutional Development Activity	Activity Details	Group Leaders	IDC Department Coordintor	Department Committee	Detailed Activities	Planned Week	
		Industry Institute Interaction	**RAK (Dean)**					
		Alumni Association	**VNC/YMA**	**RAK**	RAK, MSS	Alumni Association		
						Google developer student club		
						Workattech MESCOE		
						Colloquium Magna Model United Nations Club (Personality development)		
						Robo Club		
						Directing Visions		
						Designers Club		
						Enthusisat Club		
						Hackerearth Club		
						Code Storm Club		
						Smart India Hackaton		
Sr No	Instutional Development Activity	Activity Details	Group Leaders	IDC Department Coordintor	Department Committee	Detailed Activities	Planned Week	
3	**Student Development and Placement**	Magazine/Astitva/ Jhankaar/ Newsletter/ NSS/student welfare/ Sports/ Medical Test (FE&DSE)	**PNK**	**APK**	APK, ASK	Magazine	W7, W15	
					APK, AAS	Newsletter	W7, W15	
					APK, RHS	Astitva		
					APK, JSM, PMP	Day Celebration	W3, W7, W8, W12	
					APK, ASK	Jhankaar		
					BKB, ASK	NCC / Sports	W1 To W15	
					SBS, BFM	NSS	W1 To W15	
					SKW, GBA	Student Welfare	W1 To W15	
					STC	Medical Test (only for FE and DSE)		
		Administration	**SBS(FE) (Dean)**					
		Admission Process	Registrar		SKW, MSS, GBA, JSM, ASK, BFM		W1 to W8	

Sr No	Institutional Development Activity	Activity Details	Group Leaders	IDC Department Coordinator	Department Committee	Detailed Activities	Planned Week	Sign
4	**Administration**	Admission Process	Registrar		SKW, MSS, GBA, JSM, ASK, BFM		W1 to W8	
		WebSite/Social Media Marketing /Publicity	PRO		SRK, RHS, MSS	Departmental Website Monitoring	W1 to W15	
		Office Management Cell	Dean Admin					
		Housekeeping & Maintenance	HoD		GSP, CYV	Department Ambience	W1 to W15	
					SRK, CYV	Lab Maintenance	W1 to W3	
		DSR Verification, Consumable records			SRK, CYV	Lab DSR verification	W16	
		Purchase Cell	Dean Admin		SPK, ADD	Departmental Purchase	W1 to W15	
		Library	Librarian		RMW, AAS	Library Usage	W16	
		Departmental ERP			JRP	Departmental ERP Monitoring		
		Departatment Meeting Book Maintenance			SPK, SSM	Preparation of MoM		

Number of Students Registered/ Detained

Class	Sem-I		Sem II	
	Total No. of Students	No. of Students Detained	Total No. of Students	No. of Students Detained
SE	219	NIL	215	NIL
TE	221	NIL	221	NIL
BE	234	NIL	235	NIL

Result Analysis: Term wise Compared with last Examination-

Note:

For 2023-24 sem I:

- **BE students appeared Exam (227)=**
  - =Regular Roll call (234)- Carry on Students(6**)-**(1) not given exam
- **TE students appeared Exam (213)=**
  - Regular Roll call (221)- Carry on students(8)
- **SE students appeared Exam (215)=**
  - Regular Roll call (219)- (4) not given exam

=

Class & Term	Academic Year	No. of students	Distinc-tion	First Class	Higher Second Class	Second Class	Pass Class	Fail	% of Passing without ATKT
SE (Term-1)	2023-24	215	128	37	5	2	0	0	80.00
	2022-23	228	63	84	11	7	0	6	72.36
	2021-22	160	132	29	0	0	0	0	94.38
TE (Term-I)	2023-24	213	105	41	12	13	0	0	81.23
	2022-23	234	102	71	15	2	0	7	82.06
	2021-22	249	248	0	0	0	0	0	99.59

BE (Term I)	2023-24	227	169	39	7	2	0	0	96.04
	2022-23	246	115	56	13	10	0	0	78.86
	2021-22	222	212	7	0	0	0	3	98.07

Subject wise Failure

Term I [2023-24]

Class	Subject	Name of the Faculty	No. of student Appeared	Fail	% of Passing
SE	**DM**	SBS/JSM	215	24	88.84
	FDS	SPD/APK/SK/NSG	215	14	93.49
	DELD	BFM/GBA/SAS	215	10	95.35
	OOP	JRP/SSR/DDA/RHS	215	13	93.95
	CGA	NFS/MSS/ASN	215	7	96.74
	HSS	SPD/NSG/PSR	215	0	100
	DSL	SPD/APK/SK/NSG/AAS	215	9	95.81
	DEL	BM/GBA/SAS	215	0	100
	OOP & CG Lab	JRP/DDA/MSS/ASN/RHS	215	15	93.02
	BCSL	NFS/RAK/RMW/SRK	215	0	100
TE	**TOC**	GSP/DDA/AAS	213	23	89.20
	DBMS	SRK/SBS/GBA/AAS	213	2	99.06
	SPOS	BKB/SSR/SSM	213	6	97.18
	CNS	SPK/ASK/CYV/DSD	213	8	96.24
	ELE-1 IOT&ES	RMW/ADD/SSM/PMP	168	1	99.40
	ELE1- HCI	JRP	24	5	79.16
	ELE-1 SPM	RAK	31	0	100
	DBMSL	SKW/SBS/GBA/BFM/JM/RH	213	7	96.71

		S			
	CNSL	ASK/CYV/DSD	213	4	98.12
	LP-I	RAK/JRP/BKB/SSR/ADD/SSM/PMP	213	4	98.12
BE	**DAA**	SPK/BKB/AAS	227	6	97.35
	ML	SPD/APK/GSP/NSG/RHS/CYV	227	1	99.55
	BT	SRK/ASK/ADD	227	2	99.19
	ELECTIVE -III (CSDA)	SKW/JM/SAS	227	1	99.55
	ELECTIVE -IV (STQA)	RMW/PSR	194	2	98.96
	ELECTIVE-IV (MC)	DSD/RHS	41	1	97.56
	LP-III	SRK/SPK/BKB/GSP	227	1	99.55
	LP-IV	RMW/SKW/JM/SAS/PSR	227	1	99.55
	PROJECT-I		227	1	99.55

Result 2023-24 sem II:

Result Analysis: Term wise Compared with last Examination-

Class & Term	Academic Year	No. of students	Distinc-tion	First Class	Higher Second Class	Second Class	Pass Class	Fail	% of Passing without ATKT
SE (Term-II)	2023-24	214	126	33	3	2	0	4	76.63
	2022-23	228	63	84	11	7	0	6	72.36
	2021-22	160	132	29	0	0	0	0	94.38
TE (Term-II)	2023-24	215	136	37	13	1	2	9	87.91
	2022-23	234	102	71	15	2	0	7	82.06
	2021-22	249	236	0	0	0	0	0	94.78
	2023-24	2023-24	231	193	26	2	0	2	96.54

BE (Term II)	2022-23	2022-23	245	212	19	0	0	0	0

Subject wise Failure

Term II [2023-24]

Class	Subject	Name of the Faculty	No. of student Appeared	Fail	% of Passing
SE	Engineering Mathematics III	SMN	214	23	89.25
	Data Structures & Algorithm	SPD/APK/SK/AAS/PSR	214	13	93.92
	Software Engineering	RAK/BFM/PSR	214	13	93.92
	Microprocessor	SPK/GBA/SAS	214	10	90.65
	Principles of Programming Language	JSM/SSM/AAS	214	17	92.05
	Data Structures & Algorithm Lab	SPD/APK/SK/AAS/PSR	214	11	94.85
	Microprocessor Lab	SPK/GBA/SAS	214	12	94.39
TE	Data Science & Big Data Analytics	SRK/BKB/SBS/PMP/CYV/PSR	215	11	94.88
	Web Technology	GSP/DDA/RHS	215	6	97.20
	Artificial Intelligence	SSR/BFM/SSM	215	2	99.06
	Ele-II Cloud Computing	RMW/ADD	215	1	99.06
	Ele-II A&VR	NFS		1	
	Ele-II SMA	RAK		0	
	Data Science & Big Data Analytics Lab	SRK/BKB/SBS/PMP/CYV/PSR	215	6	97.20
	LP-II	NFS/RAK/RMW/SSR/BFM/ADD	215	1	99.53

		/SSM			
	Web Technology Lab	GSP/DDA/RHS	215	5	97.67
BE	High Performance Computing	SPK/SBS/ADD/ AAS	231	0	100
	Deep Learning	RMW/SRK/APK /MSS/SK	231	2	99.13
	Ele- V:Natural Language Processing	JRP/PMP/VYV/ PSR	231	5	97.83
	Ele-VI:Business Intelligence	JSM/GBA/RHS	231	0	100
	Laboratory Practice V	JRP/PMP/VYV/ PSR	231	0	100
	Laboratory Practice VI	JSM/GBA/RHS	231	0	100
	Project Work Stage - II	Project Guides	231	0	100

Achievements:

Campus Placement

No.	Name	Company
1	**Aniket Javahar Dhole**	**Accenture**
2	**Siddhant Raju Raskar**	
3	**Aditya Ashok Wagh**	
4	**Tanisha Pramod Sardey**	
5	**Radhika Gore**	**Persistent Systems**
6	**Malan Shaikh**	
7	**Vaishnavi Korgaonkar**	
8	**Sandesh Pabitwar**	

9	**Zoya Patel**	
10	**Samiksha Pawar**	
11	**SHRADHA PASHILKAR**	
12	**Nupur Vikhankar**	
13	**Aditya Shinde**	**Aress**
14	**Aditya Devdhe**	
15	**Supreet Birajdar**	**Rudder Analytics**
16	**Neeraj More**	**GIC**
17	**Dinesh Bhatu Mahale**	
18	**Rajshree Tarapure (Computer)**	**Amazon(CS)**
19	**Arya More (Computer)**	
20	**Vinit Gamre (Computer)**	
21	**Sahil Sathe (Computer)**	
22	**Atharva Ghule (Computer)**	
23	**Sadaf Kauchali (Computer)**	
24	**Vivek Rodge (Computer)**	
25	**Prapti Jadhav (Computer)**	
26	**Aditi Bangal (Computer)**	
27	**Vaishnavi Vilas Lagad (Computer)**	**Bharti Aritel**

28	**Shaikh Umme Hanni Aiyaz Hussain (Computer)**	
29	**Rutuja Pawale (Computer)**	
30	**Pritee Balasaheb Ghumare (Computer)**	
31	**Khushi Vipul Vikam (Computer)**	
32	**Neeraj More**	**GIC**
33	**Dinesh Bhatu Mahale**	
34	**Tanmay Deokar**	**Tech Mahindra**
35	**Shashank Pandkar**	
36	**Mithilesh Rajendra Kumbhar Mitray Snehal Pandit**	**Eidiko**
37	**Mitray Snehal Pandit**	
38	**Rutuja Pawale**	**Etraveli**
39	**Radhaiya Kulkarni**	
40	**Aditi Suhas Bangal**	**Stridely**
41	**Gayatri Kamalakar Gutte**	
42	**Shreyas Sachin Linge**	**Ellicium**
43	**Sakshee Vijay Phadtare**	
44	**Sanket Krishnat Suryavanshi**	
45	**Sahil Anil Sathe**	

46	**Sayali Rahul Navgire**	
47	**Shashank Sachin Pandkar**	
48	**Apurva Lokhande**	
49	**Pushkar Upendra Adhyapak**	**Fiserv**
50	**Aniket Narendrasingh Rawat**	
51	**Vinit Deepak Patil**	
52	**Aditi Gandhi (Computer)**	**Capgemini**
53	**Akanksha Anil Pathak (Computer)**	
54	**Disha Vijay Dalvi (Computer)**	
55	**Ishwari Shamkant Barne (Computer)**	
56	**Kajal Maruti Lawate (Computer)**	
57	**Malan Husen Shaikh (Computer)**	
58	**Mitali Deepak Nikumbh (Computer)**	
59	**Nishigandha Prafulla Kadam (Computer)**	
60	**Nupur Dnyaneshwar Vikhankar (Computer)**	
61	**Radhika Mahadev Gore (Computer)**	
62	**Rutuja Anant Pawale (Computer)**	

63	**Sakshi Niraj Birajdar (Computer)**	
64	**Sakshi Vijay Malvadkar (Computer)**	
65	**Sayali Rahul Navgire (Computer)**	
66	**Sharayu Makarand Mulay (Computer)**	
67	**Shruti Sanjay Dhumal (Computer)**	
68	**Stuti Jayesh Gujarathi (Computer)**	
69	**Urvi Chandravadan Kambli (Computer)**	
70	**Vaishnavi Vilas Lagad (Computer)**	

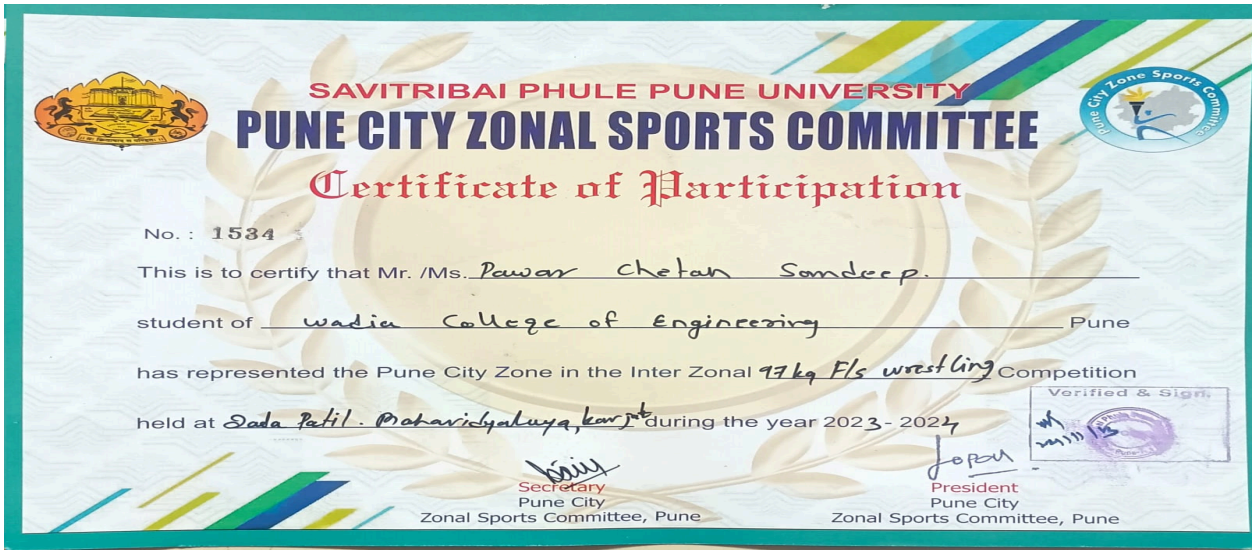
2.Extra-Curricular Student Achievement

Sr. No.	Details	Student Name
1	Secured 1st Position in Wrestling at Pune City Zonal Sports Competition (Intercollegiate Sports Competition).	Chetan S. Pawar , (TE comp)
2	7 Gold Medals at 24th State Level SQAY Championship Solapur	Shivraj Warghade (SE Comp)
3	Member of institute Cricket team, representing our institute at inter-collegiate Cricket Competition at CoE, Pune. The MESWCoE Team was one of the quarter-finalists at COEP ZEST 24 [Competition	Rohit Kalane [BE I] & Sakhib Shaikh [BE SS] Team Members: Rohit Kalane {C}[BE I], Sakhib Shaikh [BE SS], Abhishek Musale [BE I], Swaraj Amale [BE I], Sagar Bhat [BE I], Siddhasnt Agawan

	Duration : 6th Jan 2024 - 10th Jan 2024]. Team Members	[SE I], Harshvardhan Galande [SE II], Sarthak Surawase [SE II]
4	The member of the institute Cricket team, representing our institute at inter-collegiate Cricket Competition at MIT WPU, Pune. The MESWCoE Team was one of the quarter-finalists at MIT WPU Summit 2024. [Competition Duration : 15th Jan 2024 - 19th Jan 2024]. Teams	Rohit Kalane [BE I] & Sakhib Shaikh [BE SS] Team Members : Rohit Kalane {C}[BE I], Sakhib Shaikh [BE SS], Abhishek Musale [BE I], Swaraj Amale [BE I], Sagar Bhat [BE I], Siddhasnt Agawan [SE I], Harshvardhan Galande [SE II], Sarthak Surawase [SE II]
5	Rohit Kalane [BE I] & Sakhib Shaikh [BE SS] are the member of institute Cricket team, representing our institute at inter-collegiate Cricket Competition at AISSMS CoE, Pune. The MESWCoE Team has secured Second position in Shri. Chhatrapati Shivaji Maharaj Cricket Trophy on 6th Feb 2024. [Competition Duration : 26th Jan 2024 - 6th Feb 2024]. Team Members	Rohit Kalane [BE I] & Sakhib Shaikh [BE SS] and Team -: Rohit Kalane {C}[BE I], Sakhib Shaikh [BE SS], Abhishek Musale [BE I], Swaraj Amale [BE I], Sagar Bhat [BE I], Siddhasnt Agawan [SE I], Harshvardhan Galande [SE II], Sarthak Surawase
6	3 Gold Medal at 6th Trination SQAY Championship at Nepal	Shivraj Warghade
7	Received Sponsorship for BE Project Group (Malan Shaikh, Pritee Shinde, Vaishnavi Korgaonkar, Akanksha Chopade) for the titled CNN based Braille Conversion System Guided by Dr. A. P. Kale from The Poona School and Home for Blind Boys.	Malan Shaikh, Pritee Shinde, Vaishnavi Korgaonkar, Akanksha Chopade
8	University Rank Holder ,Rank	Shradha S, Pashilkar

	7th , Marks 9.59 SE comp (2019 Pat, Computer April/May 2022	
9	University Rank Holder, Rank 10th, CGPA 9.6 , BE computer (2019 Pat.) Computer ,April/ May 2023.	Gondkar Sairaj Nitin
10	The startup “EngineersConnect” of our Alumni Mr. Bhushan Gaikawad, Department of Computer Engineering, MES’s Wadia College of Engineering, Pune is the top winner in the prestigious “Yukti Innovation Challenge-2023”, organized by the Ministry of Education's Innovation Cell and the All India Council for Technical Education (AICTE), New Delhi.	Alumni Mr. Bhushan Gaikawad,
11	Received 10 lakh Rs scholarship, 37th National Games Goa 2023	Shivraj Warghade

1.Chetan S. Pawar , (TE comp) secured 1st Position in Wrestling at Pune City Zonal Sports Competition (Intercollegiate Sports Competition).



SAVITRIBAI PHULE PUNE UNIVERSITY

PUNE CITY ZONAL SPORTS COMMITTEE

Certificate of Participation

No. : 1534

This is to certify that Mr. /Ms. Pawar Chetan Sandeep.

student of Wadia College of Engineering Pune

has represented the Pune City Zone in the Inter Zonal 97kg F/s wrestling Competition

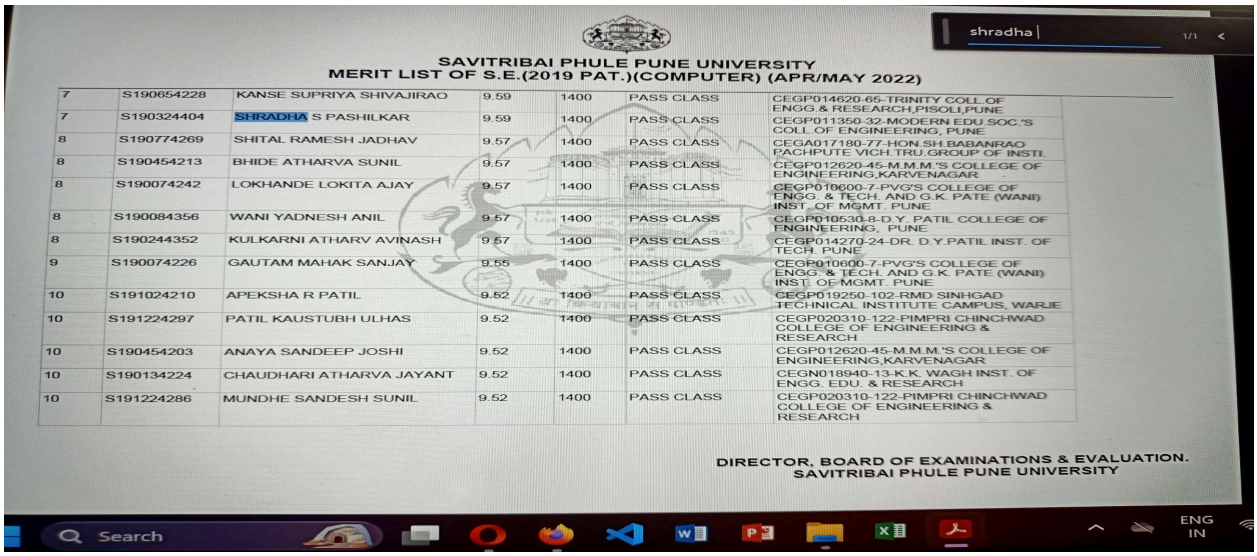
held at Dada Patil. Mahavidyalaya, Karjat during the year 2023 - 2024

Verified & Sign.

Secretary
Pune City
Zonal Sports Committee, Pune

President
Pune City
Zonal Sports Committee, Pune

2. Shradha Pashilkar ,University Rank Holder ,Rank 7th , Marks 9.59 SE comp (2019 Pat, Computer April/May 2022



shradha

SAVITRIBAI PHULE PUNE UNIVERSITY
MERIT LIST OF S.E.(2019 PAT.)(COMPUTER) (APR/MAY 2022)

7	S190654228	KANSE SUPRIYA SHIVAJIRAO	9.59	1400	PASS CLASS	CEGP014620-65-TRINITY COLL.OF ENGG.& RESEARCH,PISOLI,PUNE
7	S190324404	SHRADHA S PASHILKAR	9.59	1400	PASS CLASS	CEGP011350-32-MODERN EDU.SOC.'S COLL.OF ENGINEERING, PUNE
8	S190774269	SHITAL RAMESH JADHAV	9.57	1400	PASS CLASS	CEGA017180-77-HON.SH.BABANRAO PACHPUTE VICH.TRU.GROUP OF INSTI.
8	S190454213	BHIDE ATHARVA SUNIL	9.57	1400	PASS CLASS	CEGP012620-45-M.M.M.'S COLLEGE OF ENGINEERING,KARVENAGAR
8	S190074242	LOKHANDE LOKITA AJAY	9.57	1400	PASS CLASS	CEGP010600-7-PVG'S COLLEGE OF ENGG. & TECH. AND G.K. PATE (WANI) INST. OF MGMT. PUNE
8	S190084356	WANI YADNESH ANIL	9.57	1400	PASS CLASS	CEGP010530-8-D.Y. PATIL COLLEGE OF ENGINEERING, PUNE
8	S190244352	KULKARNI ATHARV AVINASH	9.57	1400	PASS CLASS	CEGP014270-24-DR. D.Y.PATIL INST. OF TECH. PUNE
9	S190074226	GAUTAM MAHAK SANJAY	9.55	1400	PASS CLASS	CEGP010600-7-PVG'S COLLEGE OF ENGG. & TECH. AND G.K. PATE (WANI) INST. OF MGMT. PUNE
10	S191024210	APEKSHA R PATIL	9.52	1400	PASS CLASS	CEGP019250-102-RMD SINHGAD TECHNICAL INSTITUTE CAMPUS, WARJE
10	S191224297	PATIL KAUSTUBH ULHAS	9.52	1400	PASS CLASS	CEGP020310-122-PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH
10	S190454203	ANAYA SANDEEP JOSHI	9.52	1400	PASS CLASS	CEGP012620-45-M.M.M.'S COLLEGE OF ENGINEERING,KARVENAGAR
10	S190134224	CHAUDHARI ATHARVA JAYANT	9.52	1400	PASS CLASS	CEGN018940-13-K.K. WAGH INST. OF ENGG. EDU. & RESEARCH
10	S191224286	MUNDHE SANDESH SUNIL	9.52	1400	PASS CLASS	CEGP020310-122-PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH

DIRECTOR, BOARD OF EXAMINATIONS & EVALUATION.
SAVITRIBAI PHULE PUNE UNIVERSITY

Search

ENG
IN

3. Sairaj Gondkar University Rank Holder, Rank 10th, CGPA 9.6 , BE computer (2019 Pat.) Computer ,April/ May 2023.

Shivraj Warghade Received 10 lakh Rs scholarship, 37th National Games Goa 2023

Students Publication:

Sr. No.	Title of Paper	Name of the students	Name of the Journal deatils(Vol,No, year)/Conference detail (Name of conference,date,place)
1	Handwritten Japanese Kanji Character recognition with different pruning algorithms	Shashank Pandkar, Kartik Sabane, Sachin Rathod, Prafullchandra Bansode	Fourteenth International Joint Conference on CIIT EMIE2024 GRENZE International Journal of Engineering and Technology (GIJET)
2	AI Crop Vigilance : CNN-PCA Synergy for Robust Plant Disease Forecasting	Om Samrit, Shubham Tapse, Rohit Shelar, Omkar Nagal	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
3	Solar energy generation estimation with integrated weather forecasting	Sahil Naik, Sohan Chidrawar, Anjali Pardeshi, Supreet Birajdar	International conference on recent trends in Engineering and Technology, Organized by VIIT, Pune, 24th to 25th November 2023
4	Dental Disease Detection System	Zoya Mariam Patel, Kajal Lawate, Sandesh Pabitwar, Mitray Pandit	Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing (MLIP) on December 22-23, 2023. Grenze International Journal of Engineering and Technology, Jan 2024 Issue Vol 10 Issue 1 2340-2347
5	Smart Visor AR Navigation using Heads-up Display	Pushkar Adhyapak , Siddhart Sonawane, Rohit Kalane , Shradha Pashilkar	International conference on recent trends in Engineering and Technology, Organized by VIIT, Pune, 24th to 25th November 2023

6	A* Algorithm and Unity for Augmented Reality-based Indoor Navigation	Aditi Gandhi , Prathamesh Punde , Prathamesh Khaire , Anisha Bhattad	Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing (MLIP) on December 22-23, 2023. Grenze International Journal of Engineering and Technology, Jan 2024 Issue Vol 10 Issue 1 2340-2347
7	Implementation of hybrid indicator using machine learning	Samiksha Pawar,Tanmay Deokar,Mithilesh Kumbhar , Neevesh Jain	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024. This paper won best paper award.
8	CNN based Intelligent question answer generating system for visually impaired students	Abhishek Mandave, Pratik Walunj, Shubham Chikane, Sakhib Shaikh	Hinweis Second International Conference on Recent Trends in Machine Learning and
9	Augmented reality based indoor navigation system using A star and Unity	Aditi Gandhi, Anisha Bhattad, Prathamesh Khaire, Prathamesh Punde	Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing (MLIP)
10	Keyhound: Identity Provider And Access Management	Piyush Nagarkar, Pratik Pawar , Saurabh Gaikwad, Shreyash Hagawane.	Image Processing (MLIP) which was held online on December 22-23, 2023.

11	Augmented reality integration for interactive digital textbooks	Tanisha Sardey, Shravani Naidu, Sayali Navgire, Siddhii Agarwal	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)
12	Wildfire Detection using Satellite Images	Omkar Ithape Surajsinh Patil Sidhant Bhokare Aditya Bhujbal	International Journal of All Research Education and Scientific Methods
13	Deep Learning based flight Delay Prediction with Weather and Non-weather Features	Arpita Jagtap, Vicky Chavan,Bhavesh Kate,Kshitija Suryawanshi	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)
14	Charte: pocket friendly filming equipment rental web app with AI	Shon Kamble, Swarupa Patil, Shweta Jagdale, Vaishnavi Lagad	International journal of scientific research in engineering and management, Volume: 08 Issue: 04 | April - 2024 SJIF Rating: 8.448 ISSN: 2582-3930, 11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
15	Visualize and Learn: An AR App for Learning Data Structure	Abhishek Musale, Pratik Kshirsagar, Satyam Vhora	Journal of Emerging Technologies and Innovative Research
16	Multi-Image Steganography	Shoab Khan,Om Waykar,Aditya Nagtilak, Mazin Sunjufy	International Journal of Scientific Research in Engineering and Management (IJSREM)

17	Digital Resurrection: Restoration of Fragile Documents with OCR	Chirag Fulfagar, Shivam Kudal, Akshay Pawar, Aniket Rawat	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)
18	Spam Detector : Spam Detection System Using Machine Learning Algorithms	Abhishek Bhagat, Dinesh Mahale, Aman Gupta, Ganesh Saran	ICTACT Journals, 11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
19	Detection of Lane & Speed Breakers For Autonomous Vehicles	Arjun Bhandari , Shivani Sakore , Shantanu Kale	International Journal for Research in Applied Science and Engineering Technology
20	Human Computer interaction using virtual keyboard	Simran kachle,Karan Sajwani,Siddhant Raskar,Nishigandha Kadam	International Research Journal of Modernization in Engineering Technology and Science
21	Strangler Node Detection and Load Balancing	Abhishek Mandalik, Aditya Mane, Harshal Patil, Kaustubh Dalal	International Journal of Scientific Research in Engineering and Management
22	Air Canvas - Writing in air	Arya Tamhane, Disha Dalvi, Sanvidha Haribhakta, Sakshi malvadkar	IJARSCT (International Journal of Advanced Research in science, communication and Technology)

23	Visual segmentation for Human Robot collaboration	Atharva Deore, Akanksha Pathak, Harsh Dalvi	Fourteenth International Joint Conference on CIIT EMIE2024 GRENZE International Journal of Engineering and Technology (GIJET)
24	Underwater Image Dehazing Using Deep Learning	Yashraj Rajput, Sahil Sathe, Sanket Suryavanshi, Vinit Patil	IInternational Journal of Research Publication and Reviews
25	Controlling Media Player with Hand Gestures using Convolutional Neural Network	Raj Sonawane, Shreyas Patil, Prasanna Munde, Mahesh Dhame	International Journal of Research Publication and Reviews (IJRPR)
26	Adversarial Learning For Constrained Image Splicing Detection and Localization	Sayali Mhaske, Sakshi kapase, Tanuja panasre, param kalane	International Journal for Research in Applied Science and Engineering Technology (IJRASET)
27	Abstractive Text Summarization Using Transformer Model	Rajshree Tarapure Sharayu Mulay Ashlesha Kathe Prapti Jadhav	Journal of Systems Engineering and Electronics (ISSN NO: 1671-1793) Volume 34 ISSUE 5 2024
28	Adversarial Learning for Constrained Image Splicing Detection and Localization	Sakshi Kapase,Tanuja Pansare,Sayali Mhaske,Param Kalane	INTERNATIONAL JOURNAL FOR RESEARCH IN APPLIED SCIENCE AND ENGINEERING TECHNOLOGY

29	Android Malware Detection Using Opcode	Harshad Jagtap, Arshit Kumar, Aakash Kumar, Ketan Chavan	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
30	Image Forgery Detection using DL	Pritee Ghumare, Radhika Gore, Prajwal Jagtap, Mitali Nikumbh	International Research Journal Of Modernization in Engineering Technology and Science
31	GAN based Steganography: Enhancing data concealment	Vivek Rodge, Tushar Tikhe, Pranit Thorat	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
32	Reverse Sign Language Recognition	Sanika Gaikwad,Neha Thombare,Mukesh Mahindrakar,Anurag Shevale	International Journal of Scientific Research in Engineering and Management (IJSREM)
33	A CNN based Braille Conversion System	Malan Shaikh, Vaishnavi Korgaonkar, Pritee Shinde, Akanksha Chopade	International Journal of Innovative Research in Compiter and Communication Engineering
34	Early stage prediction for neurological disease using ensemble approch	Shreya alhat, Natasha sakat, sheetal more, akila sidral	International Research Journal of Modernization In Engineering Technology And Science (IRJMETS), Volume 06, Issue 05, May 2024.

35	Network Intrusion Detection System	Onkar Tambe, Aditya Shinde, Apurva Lokhande, Vaishnavi Dusane	International Journal of Innovative Research in Computer and Communication Engineering
36	TitleGuard: Safeguarding property rights through Blockchain	Stuti Gujarathi, Dheyaraj Kavar, Gauri Matere, Esha Lashkar	IJIRCCE Journal
37	Autism Spectrum Disorder Detection Using Machine Learning	Devesh Singh, Mohammed Aslaan, Sakshee Phadtare, Umme Hanni Shaikh	ICTACT JOURNALS
38	Machine Learning Based Solution for the Detection of Malware in JPEG Images And Image Forgery	Shruti Dhumal, Shreya Kondhalkar, Tanuja Kale, Gayatri Gutte	Alochana Journal
39	Transforming Architectural Planning: Exploring the Potential of Text-to-Image Model	Vaishnavi Jadhav , Shreyas Linge , Ankita Magdum , Shwet Pathak	Ingénierie des Systèmes d'Information
40	Novel Ensembled Approach To Healthcare Data Analysis	Kunal Digole , Sakshi Birjadar, Hemant Mankar , Rutuj Gangawane	International Journal of Innovative Research in Computer and Communication Engineering, Volume 12, Issue 5, May 2024.
41	Suspicious Activity Detection for ATM	Vaibhav Shinde, Ashutosh Devanpalli, Aniket Dhole, Aditya Wagh	International Journal of All Research Education & Scientific Methods

42	Music Recommendation System with Multiple Inputs	Mayuri Kawade, Dipti Kodre, Anisha Bothe, Siddhi Borade	International Research Journal of Modernization in Engineering Technology & Science(IRJMETS)
43	Classification of Stock Price Using Fundamental and Technical Analysis	Kaustubh Talele, Suraj Somvanshi, Aniket Raut, Mahesh Jadhav	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 08, Issue 05, May 2024.
44	Visualize and Learn: An AR App for Learning Data Structure	Abhishek Musale, Pratik Kshirsagar, Satyam Vhora	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
45	Summary and keyword extraction from video	Urvi Kamble, Pratik Jadhav,Swaraj Amle	International Research Journal of Modernization in Engineering Technology & Science(IRJMETS)
46	Blockchain-Based Banking System	Radheya Kulkarni , Abbas	International Journal for Research in Applied Science & Engineering Technology (IJRASET),
47	Transforming Architectural Planning: Exploring the Potential of Text-to-Image Model	Vaishnavi Jadhav , Shreyas Linge , Ankita Magdum , Shwet Pathak	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE

48	Reverse Sign Language Recognition	Sanika Gaikwad,Neha Thombare,Mukesh Mahindrakar,Anurag Shevale	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
49	Multi-Image Steganography	Shoab Khan,Om Waykar,Aditya Nagtilak, Mazin Sunjufy	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
50	Blockchain-Based Banking System	Radheya Kulkarni , Abbas	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
51	Implementation of technical indicator into machine learning framework for quantitative trading	Vaibhav Kendre Prathamesh Hendre Vedant Navarkar Archana Saini	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
52	A survey paper on Video Semantic Segmentation	Atharv Deore Akanksha Pathak Harsh Dalvi	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE

53	A review paper on Restoring Fragile Documents with OCR	Aniket Rawat Shivam Kudal Akshay Pawar Chirag Fulagar	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
54	Handwritten Japanese Kanji character recognition using different pruning algorithms	Shashank Pandkar, Kartik Sabane, Sachin Rathod, Prafullchandra Bansode	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
55	A Review Paper On Extractive Text Summarisation	Sharayu Mulay Rajshree Tarapure Ashlesha kathe Prapti Jadhav	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 and presented paper on organized by Department of Computer Engineering, MESWCOE
56	Stress Detection system using machine learning and image processing	Ashutosh salgar Purushottam kulkarni Prathmesh Shelar Anirudh Katkar	International Journal of Scientific Research in Engineering and Management (IJSREM),Volume: 08 Issue: 26, May – 2024.
57	Digital Resurrection: Restoring Fragile Documents with OCR	Aniket Rawat Shivam Kudal Akshay Pawar Chirag Fulagar	International Journal of Innovative Research in Computer and Communication Engineering, Volume 12, No. 5, 2024

58	Serverless Machine Learning Pipeline Using Kubeflow	Adnan Dakhani Aditya Shinde Khushi Vikam	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024. This paper won best paper award.
59	Time Series Forecasting and Modelling of Food Demand Supply Chain using ML	Piyush Zagade Tejas Hirukude Saurabh Khachane Pratik Gagare	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
60	Visual Question Answering System using CNN	Abhishek Sharma Atharva Ghule Prasad Mule Sourabh Navale	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
61	Healthcare Chatbot using Transformer Architecture	Sarthak Gond Gitesh Murade Shriram Salunkhe Mohammad Farzaan Siddiqui	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
62	E-Certificate Verification Using Blockchain	Nupur Vikhankar, Ankita Andhare, Ishwari Barne, Sadaf Kauchali	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol. 13 Issue 5, May 2024

63	Prognostic evaluation, prediction and regimen of diseases using SVM, NB and RF classifiers	Arpan Khuniya Ashwin Sasi Jagruti Pawar Mohammed Zeeshan Pate	Revue d'Intelligence Artificielle, Vol. 38, No. 2, pp. 473-481
64	Air Canvas - Writing in air	Arya Tamhane, Disha Dalvi, Sanvidha Haribhakta, Sakshi malvadkar	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
65	Network Intrusion Detection System	Onkar Tambe, Aditya Shinde, Apurva Lokhande, Vaishnavi Dusane	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
66	Underwater Image Dehazing Using Deep Learning	Yashraj Rajput, Sahil Sathe, Sanket Suryavanshi, Vinit Patil	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
67	Human Computer interaction using virtual keyboard	Simran kachle,Karan Sajwani,Siddhant Raskar,Nishigandha Kadam	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.

68	Image Forgery Detection using DL	Pritee Ghumare, Radhika Gore, Prajwal Jagtap, Mitali Nikumbh	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
69	Music Recommendation System with Multiple Inputs	Mayuri Kawade, Dipti Kodre, Anisha Bothe, Siddhi Borade	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
70	Summary and keyword extraction from video	Urvi Kamble, Pratik Jadhav,Swaraj Amle	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
71	Convolutional Neural Networks for Oral Health Diagnosis	Zoya Mariam Patel, Kajal Lawate, Sandesh Pabitwar, Mitray Pandit	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
72	Smart Visor AR Navigation Using Heads-up Display	Pushkar Adhyapak , Siddhart Sonawane, Rohit Kalane , Shradha Pashilkar	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.

73	Augmented reality based indoor navigation using A star and Unity	Aditi Gandhi , Prathamesh Punde , Prathamesh Khaire , Anisha Bhattad	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.
74	Autonomous Ball-Picking Robot with Voice-Activated Color Detection	Rutuja Pawale, Aryan Arlikar, Neeraj More, Manish More	11th National Conference Recent Advances in Computer Engineering (RACE) 2024 organized by Department of Computer Engineering, MESWCOE in association with CSI Pune Chapter on 2nd - 3rd April, 2024.

Faculty Activity/ Development

1. **Teaching Faculty**

Sr. No	Name of Faculty	Workshops/Seminars Attended
1	Dr.(Mrs.) N.F.Shaikh	● participated in Faculty Development Program (FDP) on "EDUCATION 4.0 IN HIGHER EDUCATION" organized by Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune in association with Computer Society of India Pune Chapter held between 31st July 2023 and 4th August 2023. ● Five days STTP on Data Science for Business organized by Department of AI & DS, Vishwakarma Institute of Information Technology, Pune from 4th to 8th Sept 2023 ● participated in 15 Hours of Faculty

		Development Program on Salesforce Platform Developer 1 (Online FDP) conducted by ICT Academy on 03 Oct 2023 to 07 Oct 2023 ● Faculty Development Program (FDP) on "Recent Trends in Computing 3.0 " organized by Department of Computer Engineering, Vishwakarma Institute Technology, Pune from 9th Oct to 13th Oct 2023
2	Dr.(Mrs.)R.A. Khan	● Attended One week FDP on ' Cloud Practitioner(AWS) ,organized by ICT Academy from 25th to 30th Sept 2023 ● One week FDP on ' Idea Generation Methods ,organized by ICT Academy from 17th to 21st Oct 2023
3	Dr.(Miss)R.M.Wahul	● Attended One week online ISTE approved a national level STTP on 'Blockchain technology and its application',organized by KJEI's K.J. College of Engineering and Management of computer Engg. 24th July to 29th July 2023 ● Attended One Week National Level Faculty Development Program On "Clod Infrastructure(AWS)" Organized by Ajeenkya DYPatil School of Engineering Lohgaon Maharashtra in collaboration with Brainovision Solutions India Pvt Ltd. and AICTE from 21-25 Aug 2023.
4	Dr. (Mrs.)S.R.Khonde	● Attended five days online Introductory UHV FDP ,Introduction to Universal Human Values ,organized by AICTE ,3rd July 2023 to 7th July 2023 ● Attended One week STTP on 'Emerging trends in AI and ML', organized by JSPM Rajashri shahu COE, 8th August to 12th August 2023 ● Attended One week online ISTE approved a national level STTP on 'Blockchain technology and its application',organized by KJEI's K.J. College of Engineering and Management of computer Engg. 24th July to 29th July 2023 ● One week ISTE Approved Faculty Development program on 'cloud Computing with different Tools and services',organized

		by KBPCOE, dept of Computer Engg satara in Association with DBATU,Lonere and ISTE, 28th Aug to 1st Sept 2023 ● One week FDP on Unlocking data Visualization in power BI' ,organized by Ajinkya D.Y. Patil School of Engg, 4th sept to 8th Sept 2023
5	Dr. (Mrs.) A. P. Kale	● Completed ISTE approved national level STTP Program on "Blockchain Technology & It's Application" organized by Computer Engineering Department, KJ College of Engineering and Management Research, Pune-48, From 24th T ● Completed Four Week Wipro Certified Faculty Assessment [WCF] Training Program on JAVA Full Stack conducted by TalentNext from 17 July 2023 to 11 August 2023. ● Attended One Week National Level Faculty Development Program On "Clod Infrastructure(AWS)" Organized by Ajeenkya DYPatil School of Engineering Lohgaon Maharashtra in collaboration with Brainovision Solutions India Pvt Ltd. and AICTE from 21-25 Aug 2023.
6	Mrs. P. R. Randive	● .One Week Online Faculty Development Program on "Deep Learning Applications, Tools, Process Design and Development" One Week Faculty Development Program on "Industry 4.0 Technologies and Research Trends" organized by PCET's PCCOE ● one-week online FDP on "Machine Learning", organized by Department of Artificial Intelligence & Data Science, Computer Engineering, Dr. D Y Patil Institute of Engineering and Management Research, Akurdi.
7	Ms. V.Y.Vakte	● Attended STTP on Emerging Trends in AI and ML, organized by JSPM RSCOE, 8th Aug to 12 th Aug 2023
8	Mrs. A.A. Shahbad	● One week online FDP on 'Deep Learning Application ,Tools , process Design and Development ' organized by MESWCOE pune 10th July to 14th July 2023 ● One week ATAL FDP on Empowering Industry 4.0 Safeguarding the Revolution

		with Cybersecurity and BlockChain' organized by VIT Bibwewadi Pune from 4th Dec to 9th Dec 2023

Roles and Responsibilities of Faculties:

Sr. No	Name of Faculty	Phd/M.E./ M.Tech Total Exp	Student activity Co-coordinator
1	Dr. (Mrs.) N. F. Shaikh	Ph.D. 26 yrs	Head, IQAC Member, Member Purchase Committee Member Time Table Committee Member Academic Monitoring Committee Member of DAB Parent Teacher Member of ISTE Institutional Chapter Life Member of CSI, ISTE Workload Distribution & inform to faculty
2	Dr. (Mrs.) R. A. Khan	Ph.D 27.9 Yrs	Member of DAB Dept. Coordinator Academic Audit, Dept. Coordinator Alumni Association, IDC Department Coordinator Alumni Association Parent Teacher Life Member of ISTE,CSI Dean Research and Development Dean Industry Institute Interaction
3	Dr. (Mrs.) S. K. Wagh	PhD 24 Years	Lab Incharge: Operating System & Linux Lab (414) Department Advisory Board Member Parent Teacher Life Member ISTE,CSI Group Leaders Industrial Visit/ SDP/ Guest Lecture/Student Association chapter Department Coordinator Student Welfare Department Coordinator Admission Process
4	Dr. (Mrs.) J. R. Pansare	Ph.D. 23.6 years	Lab Incharge: Software Lab-I (302) Member of Research and Grants Committee

			Incubation / EDP/ R&D / Innovation, C4I4 Coordinator Parent Teacher IDC Department Coordinator Consultancy / MOU /Grants / Rev.Generation/FDP / Conference / Publications/Technical/Office Staff Training Department Coordinator Departmental ERP Monitoring
5	Dr. (Miss.) R. M. Wahul	PhD 20 Yrs	Member Library Committee, Member of Research and Grants Committee, Incubation / EDP/ R&D / Innovation, Parent Teacher Mentoring Coordinator, Publication of Technical Magazine Parent Teacher Lab In charge, Microprocessor & Hardware (Lab No. 410) Life Member of ISTE, IETE Member, CSI NBA Criteria-IV Coordinator IDC Department Coordinator Accreditation Process & Quality Ranking R&D / Innovation / EDC/Incubation/ IDC Department Coordinator R&D / Innovation /EDC/Incubation/International Collaboration Department member of Library Usage Accreditation Process-Departmental NBA Coordinator,
6	Dr. (Mrs.) S. R. Khonde	PhD 19 Yrs	Lab In charge : Computer Network Lab (412) Professional Society Activity Coordinator ISTE Coordinator Life Member of ISTE,IETE,CSI NBA Criteria-III Coordinator Review/preparation/maintenance of labs, DSR Verification Parent Teacher IDC Department Coordinator Academic

			Monitoring, MID/END term feedback & corrective action Group Leader All Clubs Member of WebSite/Social Media Marketing /Publicity
7	Dr. (Mrs.) S. P. Khedkar	PhD 16.6 yrs	Budget Preparation Coordinator Parent Teacher Life Member of ISTE,CSI NBA Criteria-II Coordinator Member Purchase Committee, Research/R&D project proposal/ consultancy MoU Coordinator IDC Department Coordinator Examination / Result Analysis /Students Data Member of NIRF Member of Preparation of MoM Department Purchase
8	Mr. B. K. Bodkhe	M.Tech. [CE] , PhD[CSE] Pursuing 13 Years	Lab Incharge: HPC Lab (304) Life Member of ISTE, IETE Member of Co-curricular, Extracurricular and Sport Committee NCC / Sports/ NSS / Student welfare Parent Teacher FDP/STTP Coordinator Member of Student data (Confirmation of Roll Call) Member of Student Workshop, Student Technical Skill Development Training Member of ARIIA IDC Department Coordinator All Clubs IDC Department and placement
9	Dr. (Mrs.) S. P. Deore	PhD 16.7 yrs	BE Project Coordinator Lab Incharge: Prog Lab (401) Life Member of ISTE Criteria-V Coordinator Course file Checking Parent Teacher Member Academic Audit to review quality of academic processes (Course & Department level Files) IDC Department Coordintor B.E. Project /PBL//Internship TE seminar

10	Dr. (Mrs.) A. P. Kale	Ph.D. 18 Years	Member of Co-curricular, Extracurricular and Sport Committee Newsletter Coordinator, Departmental Extra Curricular Activity Coordinator, Parent Teacher Lab Incharge: Project Lab (408) IEEE Student Member Life Member of ISTE Member of PBL Member of Conference Member of NAAC IDC Department Coordinator Magazine/Astitva/Jhankaar/ Newsletter/ NSS/student welfare/Sports/ Medical Test (FE &DSE)
11	Mrs. S. S. Raskar	M. Tech.(CE) PhD[CSE] Pursuing 15.6 yrs	Lab Incharge: Software Engg. Lab(413) Guest Lecture coordinator T.E Class Coordinator Seminar Coordinator Life Member of CSI,ISTE Project coordinator Parent Teacher Criteria-V NBA Coordinator Coordinator Annual Department Report IDC Department Coordinator Industrial Visit/ SDP/Guest Lecture/Student Association chapter Student data (confirmation Roll call)
12	Mr. G. S. Pole	ME (Computer) . Phd Pursuing 16.6 Yrs	Lab Incharge : Basic Computing Laboratory (217) Member of Training, Placement & Student Development Committee Consultancy-Revenue Generation-Internal and External, BE Coordinator, ACE Coordinator, Support Staff Training Parent Teacher Criteria-IV Coordinator IDC Department Coordinator placement/CRT Coordinator Department Ambience
13	Mr. S. B. Shinde	ME PhD[CSE]	Member College Development Committee

		Pursuing 12.6 Yrs	CSI Student Branch Coordinator Industrial Visit Coordinator Lab In-charge: PG Laboratory (502) Activity Calendar Coordinator Departmental Extra Curricular In-charge Coordinator Parent Teacher SPOC of SIH 2020 Committee Member of Interactive Board Purchase NBA Criteria-III Coordinator Member of Co-curricular, Extracurricular and Sport Committee Member of Workload and Time Table Committee NSS-College Level Incharge,
14	Ms. D. D. Ahir	ME PhD[CSE] Pursuing 14.6 Yrs	Member of Training, Placement & Student Development Committee CRT, Higher Education/Competitive exam Guidance, Expert talk related to placement Departmental T&P Coordinator Admission/ Promotion/ Website updation / Quality Ranking of Institute, Professional Society Activity-CSI, Parent Teacher Lab Incharge (414 Lab) Member Academic Audit to review the quality of academic processes. Member of NIRF
15	Mr. A. S. Kamble	ME PhD[CSE] Pursuing 10.2	DSR Verification Lab Maintenance and Lab ambiance records ACE coordinator Sport & Cultural Student Checkup Instruction Delivery Parent Teacher Member TE Seminar Member Internship Member FDP/ STTP Member Magazine, Jhankaar, NCC / Sports
16	Mr. A. D. Dhawale	M. Tech PhD [CSE] Pursuing 11.6 Yrs	Robo Club Coordinator Professional student society Association Industrial Visit Coordinator Parent Teacher

			Lab Incharge Lab 304 Grants/ Consultancy/ Revenue Generation coordinator Technical Support & Office Staff Training R&D / Innovation member
17	Mr. M. S. Shinde	M.E. 7 Yrs	Member of Training, Placement & Student Development Committee Alumni Association BE-Project-2nd Shift Parent Teacher Lab Incharge (408) Alumni Co-coordinator Member of Examination activity Admission Process WebSite/Social Media Marketing /Publicity
18	Mr. G. B. Aochar	M.E. 11 Yrs	Student welfare Board Academic Audit to review quality of academic processes FDP / Support Staff Training/ Student Technical Skill development training Online Course, Internship Parent Teacher Lab Incharge 410 Club member
19	Ms. S. R. Khade	ME (CE) 7.2 Yrs	Parent Teacher Mentoring Coordinator Attendance Monitoring Report Student Feedback and its corrective action NBA-Accreditation Process Parent Teacher Member of PBL
20	Ms. B. F. More	M.E. (CE) PhD[CSE] Pursuing 10 Yrs	Mid Term and End Term Test (Internal) Display Mark sheet & Analysis with action plan, Parent Teacher Lab Incharge Software Engg Lab (413) Member Professional Student Society Association NAAC, Conference , NSS Committee Member
21	Mrs. J. S. Mane	M.E. (CSE) PhD[CSE] Pursuing 13.3 Yrs	FDP / Support Staff Training/ Student Technical Skill development training Day Celebration Notice Board

			ACE Committee Member Parent Teacher Lab Incharge for CN Lab (412)
22	Ms. S.A.Sapkal	ME PhD[CSE] Pursuing 9.5Yrs	SE T&P Faculty Coordinator Class teacher Parent Teacher Guest lecture ,Expert Talk Attendance Monitoring Placement,CRT NBA Criteria 4 Committee NAAC Criteria 2 Committee Startup and Newsletter committee Member Incubation, Entrepreneurship Development Programme Committee Member
23	Mrs. S.S.Mane	ME 6 Yrs	Class teacher Parent Teacher NBA Part A Coordinator NAAC Criteria Committee Seminar Coordinator ARIIA Coordinator Guest Lecture / Expert Talk Preparation of MoM
24	Ms. R.H.Shende	ME PhD[CSE] Pursuing 7 Yrs	Class Teacher parent Teacher Guest Lecture,Expert Talk ASTITVA Website Social Media Marketing NBA Criteria 4 Committee NAAC-Principal Presentation Annual Department Report Committee Member
23	Ms. N. S.Gore	ME PhD[CSE] Pursuing 11.4 Yrs	Parent Teacher Class teacher PBL co-coordinator Exam Committee member Student Workshop,Student Technical Skill,Development Training FDP/SSTP NBA Criteria 4 Committee NAAC Criteria 4 Committee NBA IQAC member
24	Mrs. P.S.Randive	ME	Class Teacher Parent Teacher

		11Yrs	Exam Committee member MOU Publications All Clubs R&D / Innovation member Industrial Visit
24	Ms. P.M.Patil	ME 4.5Yrs	Class Teacher Parent Teacher Day Celebration Committee Academic Monitoring Committee BE Project Committee Entrepreneurship Development Programme
25	Ms. C.Y.Vakte	ME 3.5 Yrs	Class Teacher NAAC IQAC Time Table Committee Member Academic Monitoring Member Member Department Ambience R&D / Innovation Lab Maintenance, Lab DSR verification, Department Ambience member
26	Mrs. A.A.Sahabad	ME 7 Yrs	Class Teacher Parent Teacher Guest Lecture and Expert Lecture Committee Member NAAC member Department member of Library Usage Newsletter member
27	Mrs. S.T Chavan		Member of PBL Medical Test (only for FE and DSE)

Faculty Publication -

Name of Faculty	Publication Details
Dr.(Mrs.) N.F.Shaikh	● "Over comparative study of text summarization techniques based on graph neural networks", Journal: Web Intelligence, vol. Pre-press, no. Pre-press, Published: 22 June 2023, pp. 1-18, 2023, DOI: 10.3233/WEB-230014, Scopus ● Hybrid Entropy-based Weighted Graph Embedding Model for Multi-Document Text Summarization IEEE 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023, Purwanchal Campus,,constituent campus of Tribhuvan University (TU),

	Nepal, 11th-13th Oct ,Scopus ● .Presented paper, "A* Algorithm and Unity for Augmented Reality-based Indoor Navigation", at the Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing (MLIP) which was held online on December 22-23, 2023. and paper published in Grenze International Journal of Engineering and Technology, Jan 2024 Issue Vol 10 Issue 1 2340-2347 ● Presented paper, "Enhancing Oral Health Assessment through Convolutional Neural Networks based Detection", at the Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing (MLIP) which was held online on December 22-23, 2023 and paper published in Grenze International Journal of Engineering and Technology, Jan 2024 Issue Vol 10 Issue 1 2340-2347. ● Shaikh, N. F. . (2024). Novel Deep Neural Network Approach for the Sarcasm Detection in Hindi Language. International Journal of Intelligent Systems and Applications in Engineering, 12(10s), 487–494. Retrieved from https://ijisae.org/index.php/IJISAE/article/view/4397 ● Dr. Nuzhat F. Shaikh published paper titled "A* Algorithm and Unity for Augmented Reality-based Indoor Navigation" in Grenze International Journal of Engineering and Technology, Jan 2024, Issue Vol 10 Issue 1, pg. nos.2340-2347. ● Dr. Nuzhat F. Shaikh published paper titled "Enhancing Oral Health Assessment through Convolutional Neural Networks based Detection" Grenze International Journal of Engineering and Technology, Jan 2024, Issue Vol 10 Issue 1, pg nos. 2316-2323 ● Dr. N. F. Shaikh (2024), IoT-Enabled Forecasting of Vehicle Based Carbon Emissions and Smart Fuel Management: Optimizing Efficiency and Performance, International Journal of Intelligent Systems and Applications in Engineering, 12(19s), 161–167. Retrieved from https://ijisae.org/index.php/IJISAE/article/view/5056. ● Dr. Nuzhat Shaikh has presented a paper titled, " Developing a Comprehensive Framework for Personal Fuel Expense Tracking and Carbon Emission Assessment: A Comparative Analysis", at the 2nd International Conference on Advances in Technology and Management (ICATM-2024) which was held on April 5-6, 2024, organised by A. C. Patil College of Engineering Kharghar, Navi Mumbai India. ● Dr. Nuzhat Shaikh has presented a paper titled, "Document

	Summarization using multiobjective weighted graph embedding feature and optimized rank based deep classifier at the 4th ICOECA 2024 organised by R. V. College of Engineering, Bangaluru on18th 19th April 2024. ● Dr. Nuzhat Shaikh has presented a paper titled, "Sentiment Analysis for Hindi Language“ at 12th International Conference on Recent Challenges In Engineering And Technology (ICRCET-2024)” Organized by Institute For Educational Research and Publication (IFERP) held on 23rd - 24th April 2024 in Aloft Bengaluru Whitefield, Bangalore, India as Virtual Conference.
Dr. (Mrs.) S.K.Wagh	● “ An Operative Approach for Effective Segmentation of Retinal Blood Vessels Based on Multilevel DNN “ International Journal of Intelligent Systems and Applications in Engineering, 2023, 11(8s), pp. 311–318 1. Scopus 2. Scopus 3. SCI 4. SCI 5.Scopus 6 Scopus ● “Benefits of Coalition Game Theory over Bargain Game Theory to Resolve the Problems of Spectrum Sensing in Cognitive Radio Network “ International Journal of Engineering Trends and Technology , 2023, 71(11), pp. 129–135 ● “Meticulous predictive modeling for classification of cancerous molecular profiles” Multimedia Tools and Applications , 2023 ● “ Crop yield predictive modeling using optimized deep convolutional neural network: An automated crop management system “ Multimedia Tools and Applications , 2023 ● “ A mechanism to ensure identity-based anonymity and authentication for IoT infrastructure using cryptography “ Journal of Discrete Mathematical Sciences and Cryptography , 2023, 26(5), pp. 1597–1611 ● “ MPCITL: design of an efficient multimodal engine for Pre-emptive identification of CKD via incremental transfer learning on clinical data samples “ Soft Computing , 2023 ● " Customer churn prediction in telecom sector using machine learning techniques", Results in Control and Optimization, Volume 14, March 2024, 100342 (Scopus indexed)

Dr.R.M. Wahul	• Autonomous drones and their influence on standardization of rules and regulations for operating–A brief overview, Results in Control and Optimization, Volume 14, 2024, 100401, ISSN 2666-7207, [Scopus Indexed Journal] https://doi.org/10.1016/j.rico.2024.100401. (https://www.sciencedirect.com/science/article/pii/S2666720724000316)
Dr. S.R.Khonde,	• Paublished 'A Review on Iris Recognition Using Machine Learning Techniques, 2023 International Conference on Advanced Computing Technologies and Applications (ICACTA), IEEE, DOI 10.1109/ICACTA58201.2023.10393648. • Autonomous drones and their influence on standardization of rules and regulations for operating–A brief overview, Results in Control and Optimization, Volume 14, 2024, 100401, ISSN 2666-7207, [Scopus Indexed Journal] https://doi.org/10.1016/j.rico.2024.100401. (https://www.sciencedirect.com/science/article/pii/S2666720724000316 • Empowering Collaborative Programming: The Colab Code Strategy for Consistency and Awareness, International Journal of Intelligent Systems and Applications in Engineering,12(21s), 811–819. https://ijisae.org/index.php/IJISAE/article/view/5477) • Dr. Shraddha Khonde published paper "Multi image Stagenography" in International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 08 Issue: 05 , May - 2024. ISSN: 2582-3930. https://www.doi.org/10.55041/IJSREM32607
Dr.S.P.Khedkar	• " Reversible Logic Gates and Applications – A Low Power Solution to VLSI Chips ",Mathematical Modelling of Engineering Problems ,Vol. 11, No. 3, March 2024,https://doi.org/10.18280/mmep.110315 • Autonomous drones and their influence on standardization of rules and regulations for operating–A brief overview, Results in Control and Optimization, Volume 14, 2024, 100401, ISSN 2666-7207, [Scopus Indexed Journal] https://doi.org/10.1016/j.rico.2024.100401. (https://www.sciencedirect.com/science/article/pii/S2666720724000316)
Dr. S.P.Deore	• "Enhancing image captioning and auto-tagging through a FCLN with faster R-CNN integration," Inf. Dyn. Appl., vol. 3, no. 1, pp. 12–20, 2024. https://doi.org/10.56578/ida030102.

	● Dr. Shalaka Deore has presented a paper titled, " Extractive Text Summarization using Transformer and Reinficement Learning Model", at the 2nd International Conference on Advances in Technology and Management (ICATM-2024) which was held on April 5-6, 2024, organised by A. C. Patil College of Engineering Kharghar, Navi Mumbai India. ● Dr. Shalaka Deore has presented a paper titled, " Digital Resurrection: Restoring Fragile Documents with OCR", at the 2nd International Conference on Advances in Technology and Management (ICATM-2024) which was held on April 5-6, 2024, organised by A. C. Patil College of Engineering Kharghar, Navi Mumbai India.
Mrs.A.A. Shahbad	● Error-induced inverse pixel visual cryptography for secure QR code communication in Journal of Autonomous Intelligence (2024) Volume 7 Issue 1 SCI

Faculty Achievement:

Name of Faculty	Faculty Achievement
Dr.(Mrs.)N. F. Shaikh	● Member, Board of Studies, Department of Computer Engineering - Cummins College of Engineering, Pune ● Member, Department Advisory Board, Department of Computer Engineering - Arvind Gawali College of Engineering (affiliated to BATU), Satara ● worked as an external examiner for PhD Progress Review at SKN College of Engg, Pune on 26th Feb 2024. ● Attended BoS Meeting at Cummins College for finalization of SE and M.Tech. syllabus.
Dr. (Mrs.) S. K.Wagh	● One Student Awarded Ph.d under my guidance. ● worked as an external examiner for PhD Progress Review at SKN College of Engg, Pune on 23rd Feb 2024. ● .Dr. S.K. Wagh has successfully completed a 12-week online NPTEL certification course in "Deep Learning," earning an ELITE certificate. The course was conducted by IIT R from January to April 2024.

Dr. (Mrs.) J. R. Pansare	• Expertise as a RESOURCE PERSON during the conduction of one day online FOP on "GPU Programming and Architecture Theory and Lab Practice-IV Practical (BE AIDS Course 2020)"organized by AIDS Department, Zeal, COE, Pune, on 19th July 2023,in association with Board of Studies Computer Engineering, SPPU, Pune. 7.Delivered expert talk on "Innovative Aspects of Pattern Recognition, Machine Learning and Artificial Intelligence in HCI" at DIET, Satara, Pune on 13.04.2023. • Delivered expert talk on "Innovation, Research and Project" at Department of E&TC, MES College of Engineering, Pune on 20.04.2023. • Delivered expert talk on "Natural Language Processing" at Department of Computer Engineering, at MIT WPU, Pune for PhD candidates on 21.06.2023.
Dr. (Mrs.) S.P.Deore	• Recognized Ph.D guide at SPPU in CSE • Reviewed a paper for International Journal of Electrical and Computer Engineering • Reviewed a paper for Springer Nature: Scientific Report and for Computer science journal.
Dr.(Mrs.) A.P. Kale	• An Editorial Board member at MAT Journals • Appointed as the Editorial Board member of the International Journal of Fuzzy Logic and Intelligent Systems. • Appointed as the Editorial Board member of the Journal of Intelligent Decision Technologies and Applications • Reviewed 5 papers of National Conference on Communication, Image Processing & Computing titled • Reviewed a paper of International Journal of Fuzzy Logic and Intelligent Systems, Elsevier journal of Engineering Applications of Artificial Intelligence. • Dr. A. P. Kale has reviewd a paper of Spriger journal of Network Modeling Analysis in Health Informatics and Bioinformatics (NHIB) and International Journal of Fuzzy Logic and Intelligent Systems
Mr.G.B.Aochar	• Topper in the NPTEL Python for Data Science Course (Top 1%)
Mrs. C.Y.Vakte	• Design Patent Registered.' Air Quality Detecting Smart Window partition', design no. 387200-001, Date of Issue 03/08/2023
Mrs. P.S.Randive	• Design Patent Registered.' Air Quality Detecting Smart Window partition', design no. 387200-001, Date of Issue 03/08/2023

Mrs. A. A. Shahbad	• Design Patent Registered.' Air Quality Detecting Smart Window partition', design no. 387200-001, Date of Issue 03/08/2023

Sr. No	Abbreviations	Name of Staff
1.	NFS	Dr. (Mrs.) Nuzhat F. Shaikh
2.	RAK	Dr. (Mrs.) Rubeena A. Khan
3.	SKW	Dr. (Mrs.) Sharmila K. Wagh
4.	JRP	Dr. (Mrs.) Jayshree R. Pansare
5.	RMW	Dr. (Miss.) Revati M. Wahul
6.	SRK	Dr. (Mrs.) Shraddha R. Khonde
7.	SPK	Dr. (Mrs.) Shilpa P. Khedkar
8.	BKB	Mr. Balaji K. Bodkhe
9.	SPD	Dr. (Mrs) Shalaka P. Deore
10.	APK	Dr. (Mrs.) Archana P. Kale
11.	SSR	Mrs. Shobha S. Raskar
12.	GSP	Mr. Govind S. Pole
13.	SBS	Mr. Sagar B. Shinde
14.	DDA	Mrs. Deepali D. Ahir
15.	ASK	Mr. Amol S. Kamble
16.	ADD	Mr. Anand D. Dhawale
17.	MSS	Mr. Mahesh S. Shinde
18.	GBA	Mr. Gajanan B. Aochar
19.	SK	Ms. Shubhangi R. Khade
20.	BM	Ms. Bhagyashree F. More
21.	JM	Mrs. Jaya S. Mane
22.	NRM	Ms. Nita R. Mhaske

23.	SAS	Ms. Sayali. A. Sapkal
24.	RHS	Ms. R.H.Shende
25.	SSM	Mrs. S.S.Mane
26.	PMP	Ms. P.M.Patil
27.	PRR	Mrs. P.R.Randive
28.	CYV	Ms. C.Y.Vakte
29.	AAS	Mrs. A.A.Sahabad
30.	STC	Mrs. S.T.Chavan
31.	PVR	Mr. Pravin V. Raut
32.	LJP	Mr. Laxman J. Parande
33.	HGM	Mr. Harshal G. Muknak
34.	VHK	Mrs. Vaishali H. Kamble

Development Activities

i. Purchase of Equipment (Purchase 1st April 2023 to 31st March 2024)

Sr. No	Item	Qty.	Date of purchase	Stock No.	Cost
1	Raspbarry Pi4	30	28.08.2023	MESCOE/COMP/23-24/R-2/PG-18/Rpi-4/ 1 to 30	264419
2	AR VR lab	1	12.04.2023	MESCOE/COMP/23-24/R-2/PG-28/AR-VR/ 1	503440
3	SuperMicro 2U Server	1	26/04/2023	MESCOE/COMP/23-24/R-2/PG-30/server/06	584100
4	Private cloud Environment	1	12.04.202	MESCOE/COMP/23-24/R-2/Pg-30/server/06	109500
5	Turuitin	1	31.03.2023	MESCOE/COMP/23-24/R-2/Pg-07/Turuitin/51	505369
6	Firewall Software	1	15.09.2023	MESCOE/COMP/23-24/R-2/Pg-33/FW-soft/01	542800

7	Lenovo Max Hub 86" IFA Series (Smart Interactive Panel) 3 years Warranty	2	14/9/2023	MESCOE/COMP/23-24/R-2/PG-34/SIP/01 To 02 (303 & 407)	443680
				TOTAL	3255936

ii. MOU

Sr. No	Type of Collaboration (MOU / Exchange Programme / Exchange Teacher / Franchise)	Collaboration from Date	Collaboration to Date
1	FIRENEST REALITY CONSULTING PRIVATE LIMITED	26th Feb 2024	-

iii. Co-Curricular

1. Guest Lecture

AY 2023-24

Sr. No.	Topic	Speaker	Date	Audience	count
1	Personality Development	Prof. Anil Darekar ,Motivational Speaker Counselor ,MMIT	05/09/2023	SE(All Q batch)	69
2	Personality Development	Prof. Anil Darekar , Motivational Speaker Counselor ,MMIT	06/09/2023	SE(All R batch)	59

3	Personality Development	Prof. Anil Darekar , Motivational Speaker Counselor ,MMIT	07/09/2023	SE(All P batch)	61
4	Basic of Artificial Intelligence	1 Mr. Parag Mhatre, AI Developer, Google Cloud India , Pune	06/10/2023	TE2/ TE3	84
5	Basic of LaTex	Mr. Siddharth Bhalerao Research Associate, Oneirix Engineering Laboratories Pvt. Ltd.	13/10/2023	TE	113
6	Be Industry Ready with XR	Mr. Akshay Rathod (CEO,Firebird,DBA, Technology Entrepreneurship) Mr. Yogesh Surwase (Director COO ,FireBirdVR , AR VR XR)	14-02-2024	TE	45
7	Guidance for project selection (In Association with CSI)	Mr. Narendra Rajput (Engineering Manager, Saeloun Pvt. Ltd.)	27-02-2024	TE	121

8	Digital and Social Media Marketing	Mr. Amit Bhoj (Technical Sales ,Technogrowth Software Solutions Pvt Ltd.	05-03-2024	TE	131
9	Basic of IPR	System Architect, Innovation Lead, Siemens Technology service pvt Ltd,	02-04-2024	SE	53

1.Guest Lecture Report :
Topic: Personality Development

Speaker: Prof. Anil Darekar

Designation Motivational Speaker Counselor ,MMIT

Date: 05/09/2023

Time: 10.30 am to 12.30 pm

Venue: 305

Class : SE (All Q batches)

Present Student : 69

Objectives: **1.** To improve soft skills, communicate effectively & grow as a professional.

2. To familiarize participants with the emerging ideas and trends on how to develop personality

Outcomes: **1.** Students will be able to get knowledge about various trends and ideas to develop personality .

PEOs satisfied and POs achieved: PEOs: 4, 5 PSOs: 1 POs: 10,12

Activity Report:

A guest lecture on “Personality Development” was successfully conducted on 5th Sept 2023, by the Department Of Computer Engineering, MESCOE, which witnessed an enthusiastic response and participation from SE1 students. Speaker of this session was, Prof. Anil Darekar, Motivational Speaker Counselor ,MMIT. Personality development helps an individual to gain confidence and high self esteem. Personality development is said to have a positive impact on one's communication skills and the way he/she sees the world. He gave a number of tips and tricks to avoid these mistakes and have a strong impression on people or our audience. He spoke about various topics such as fluency, pronunciation, grammar, specific use of words, language. The speaker gave valuable insights on Personality development, which helps an individual to gain confidence and high self-esteem. Personality development also is said to have a positive impact on one's communication skills and the way he sees the world. The key Learning from the session are Confidence in speech , Formal Interaction methods , Impressive body language , Achieving goals. Being able to use eye contact effectively can be a bonus for your public speaking and personality development and establishing close relationships with people. Thus eye contact is very important to make the person front of you believe you in any circumstances. When one has achieved all these, his personality is pretty much perfect and give a great presentation. Personality is the combination of characteristics that makes you different from every other person . This session was very interesting and interactive.

[Speaker Interaction]

[Speaker Interacting with students]

[Speaker interacting with students]

2.Guest Lecture Report

Activity: **GUEST LECTURE**

Topic: **Personality Development**

Speaker: Prof. Anil Darekar

Designation Motivational Speaker Counselor ,MMIT

Date: 06/09/2023

Time: 10.30 am to 12.30 pm

Venue: 305

Class : SE (All R batches)

Present Student :59

Objectives: **1.** To improve soft skills, communicate effectively & grow as a professional.

2. To familiarize participants with the emerging ideas and trends on how to develop personality

Outcomes: 1. Students will be able to get knowledge about various trends and ideas to develop personality .

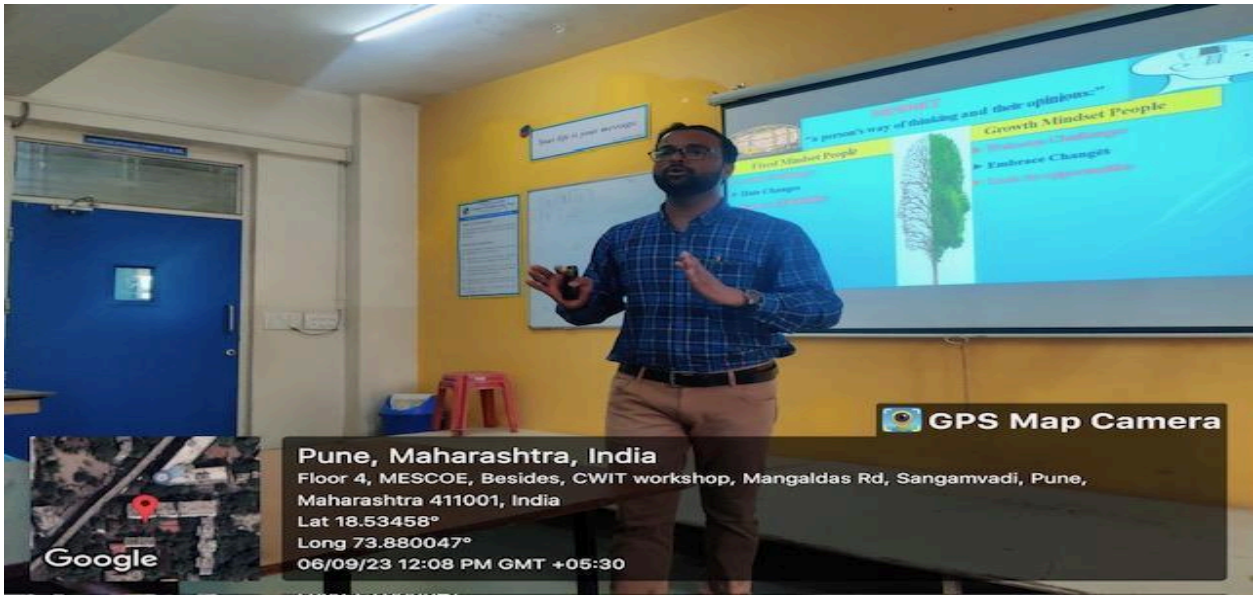
PEOs satisfied and POs achieved: PEOs: 4, 5 PSOs: 1 POs: 10,12

Activity Report:

A guest lecture on “Personality Development” was successfully conducted on 5th Sept 2023, by the Department Of Computer Engineering, MESCOE, which witnessed an enthusiastic response and participation from SE students. Speaker of this session was, Prof. Anil Darekar, Motivational Speaker Counselor ,MMIT. Personality development helps an individual to gain confidence and high self esteem. Personality development is said to have a positive impact on one's communication skills and the way he/she sees the world. He gave a number of tips and tricks to avoid these mistakes and have a strong impression on people or our audience. He spoke about various topics such as fluency, pronunciation, grammar, specific use of words, language. The speaker gave valuable insights on Personality development, which helps an individual to gain confidence and high self-esteem. Personality development also is said to have a positive impact on one's communication skills and the way he sees the world. The key Learning from the session are Confidence in speech , Formal Interaction methods , Impressive body language , Achieving goals.

Being able to use eye contact effectively can be a bonus for your public speaking and personality development and establishing close relationships with people. Thus eye contact is very important to make the person front of you believe you in any circumstances. When one has achieved all these, his personality is pretty much perfect and gives a great presentation. Personality is the combination of characteristics that makes you different from every other person . This session was very interesting and interactive.

[Speaker Interaction]



[Speaker Interacting with students]

[Speaker interacting with students]

3. Guest Lecture Report

Activity: **GUEST LECTURE**

Topic: **Personality Development**

Speaker: Prof. Anil Darekar

Designation Motivational Speaker Counselor ,MMIT

Date: 07 /09/2023

Time: 10.30 am to 12.30 pm

Venue: 305

Class : SE (All P batches)

Present Student : 61

Objectives: **1.** To improve soft skills, communicate effectively & grow as a professional.

2. To familiarize participants with the emerging ideas and trends on how to develop personality

Outcomes: 1. Students will be able to get knowledge about various trends and ideas to develop personality .

PEOs satisfied and POs achieved: PEOs: 4, 5 PSOs: 1 POs: 10,12

Activity Report:

A guest lecture on "Personality Development" was successfully conducted on 5th Sept 2023, by

Department Of Computer Engineering, MESCOE, which witnessed an enthusiastic response and participation from SE students. Speaker of this session was, Prof. Anil Darekar, Motivational Speaker Counselor ,MMIT.

Personality development helps an individual to gain confidence and high self esteem. Personality development is said to have a positive impact on one's communication skills and the way he/she sees the world. He gave a number of tips and tricks to avoid these mistakes and have a strong impression on people or our audience. He spoke about various topics such as fluency, pronunciation, grammar, specific use of words, language. The speaker gave valuable insights on Personality development, which helps an individual to gain confidence and high self-esteem. Personality development also is said to have a positive impact on one's communication skills and the way he sees the world. The key Learning from the session are Confidence in speech , Formal Interaction methods , Impressive body language , Achieving goals.

Being able to use eye contact effectively can be a bonus for your public speaking and personality development and establishing close relationships with people. Thus eye contact is very important to make the person front of you believe you in any circumstances. When one has achieved all these, his personality is pretty much perfect and gives a great presentation. Personality is the combination of characteristics that makes you different from every other person . This session

was very interesting and interactive.

4. Guest lecture Report

Activity: GUEST LECTURE

Topic: Basic of Artificial Intelligence (Association with CSI)

Speaker: Prof. Parag Mhatre

Designation AI Developer, Google Cloud India , Pune

Date: 06 /10/2023

Time: 10.00 to 11.30 am

Venue: Seminar Hall 514

Class : TE2 & TEss

Present Student : 84

<u>Objectives</u>:

1. To make the students familiarize how AI and ML applications are ruling the world.

2. To provide the students with exposure of Entrepreneurship and Career Development

Outcomes: 1. Students will be able to get knowledge about how AI Applications are solving the current day problems.

PEOs satisfied and POs achieved: PEOs: 4, 5 PSOs: 1 POs: 10,12

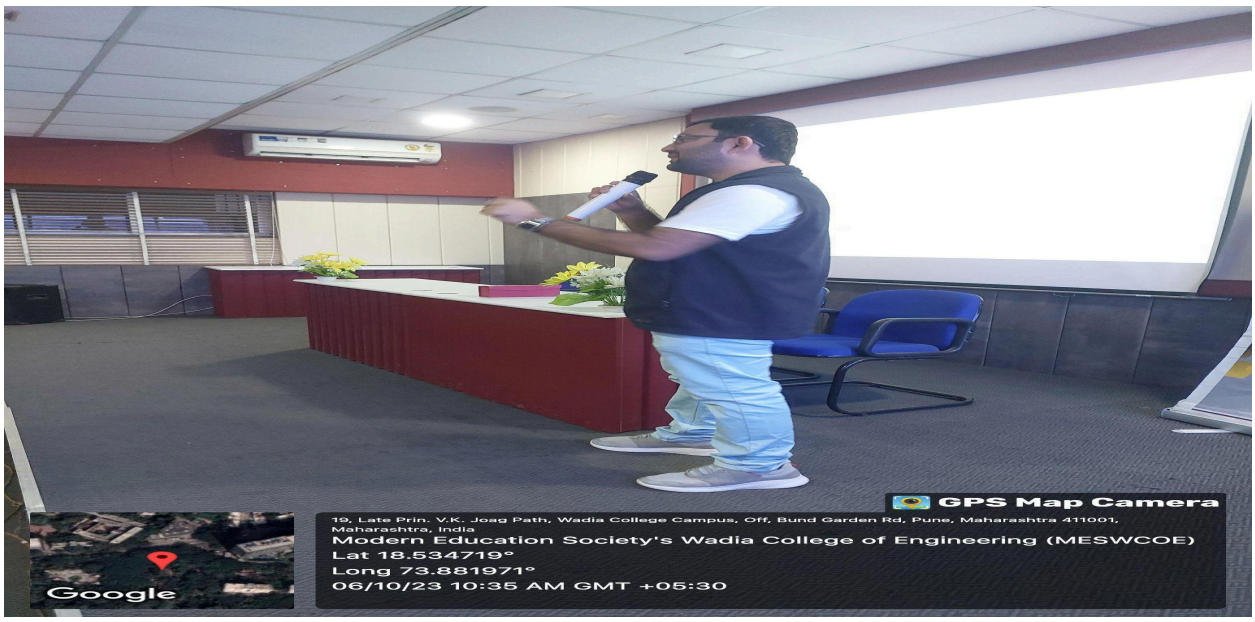
Activity Report:

A guest lecture on **"Artificial Intelligence"** was successfully conducted on **6th Oct 2023,** by Department Of Computer Engineering, MESWCOE, which witnessed an enthusiastic response and participation from TE students. Speaker of this session was, **Mr. Parag Mhatre, AI Developer , Google Cloud India, Pune.**

The speaker, first, discussed the importance of the field which is booming in recent years. He also suggested the application areas in which AI and Machine learning is used. Artificial intelligence, a popular term in the technological world, is related to machine learning and deep learning precisely. Machine learning makes use of algorithms to discover patterns and generate insights from the data they are working on. On the other hand, deep learning is a subset of machine learning, one that brings AI closer to the goal of enabling machines to think and work as humans as possible. Technology is driving and shaping the future of tomorrow, we do mean that technology has its definite effects on our lifestyle.

The speaker also suggested some areas in which students can find problems for their final year

projects. To establish a career in AI, job-hunters need to possess relevant technical skills. This will therefore help them to identify the accurate candidate possessing the skillset to work in the field of job roles in Artificial Intelligence. As AI and machine learning demand have increased in the industry, organizations require complete in-depth knowledge of these growing technologies and hands-on experience. The session was very interactive where the students posted some queries and the guest speaker clarified their doubts. Thus, a career in AI is not only attracting the job-seekers towards it but is witnessing immense growth.



[Speaker interacting with students]

5 Guest Lecture Report :

Activity: **GUEST LECTURE**

Topic: **Basic of LaTex**

Speaker: Mr. Siddharth Bhalerao

Designation Research Associate, Oneirix Engineering Laboratories Pvt. Ltd.

Date: 13 /10/2023

Time: 11.00 am to 1.00 pm

Venue: Seminar Hall 514

Class : TE

Present Student : 113

Objectives:

1. To make students aware about Latex Report Writing and its importance.

2. To develop student skills to prepare project reports and research papers in LATEX by using different LATEX commands. t

Outcomes: 1. Students will be able to get knowledge about how to prepare report using LaTex

PEOs satisfied and POs achieved: PEOs: 4, 5 PSOs: 1 POs: 10,12

Activity Report:

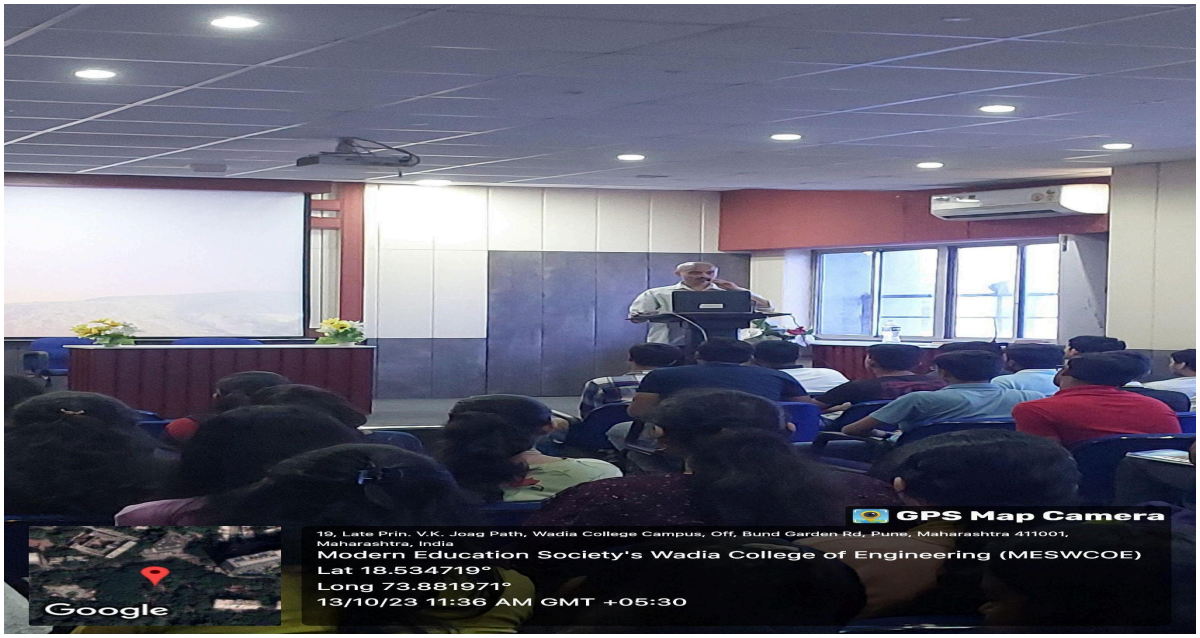
A guest lecture on “Basic of LaTex " was successfully conducted on 13th Oct 2023, by the Department Of Computer Engineering, which witnessed an enthusiastic response and participation from TE students. Speaker of this session was, Mr. Siddharth Bhalerao , Research Associate, Oneirix Engineering Laboratories Pvt. Ltd, Pune .

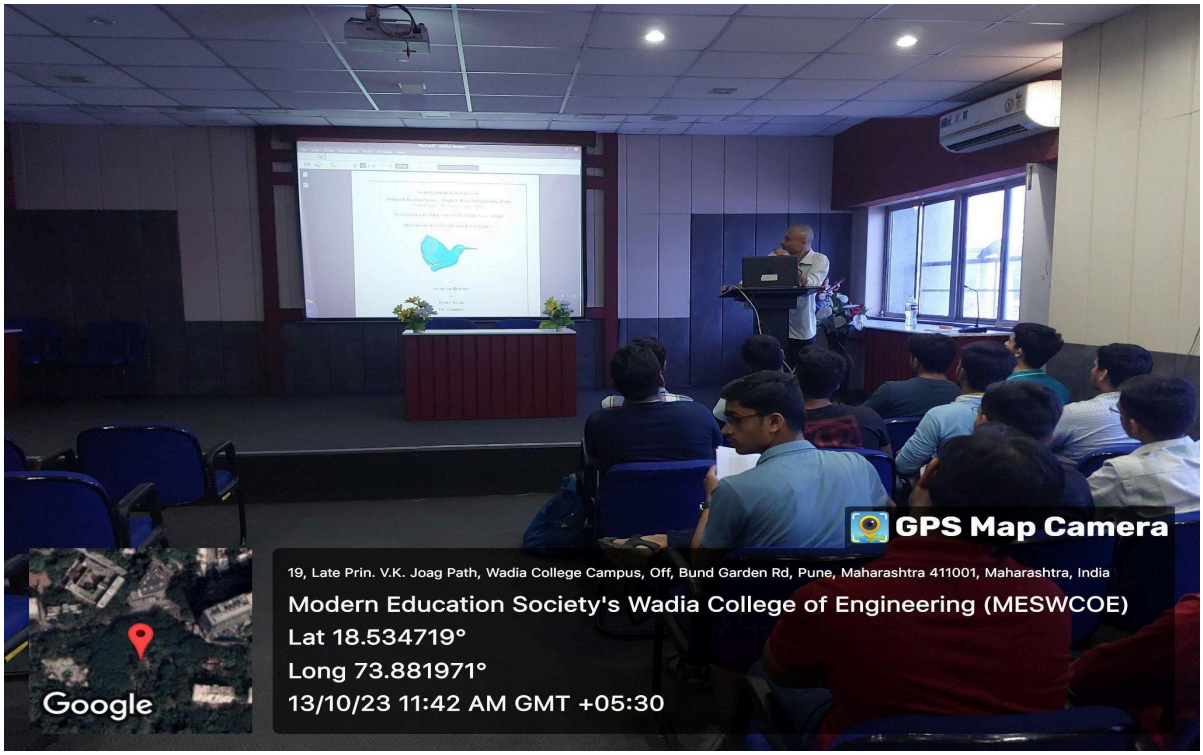
Sir has explained the basic commands required for LaTex code. It is an open-source and powerful document preparation system. It is high-quality typesetting, which can be used for any publishing. It is often used for scientific publications and medium to large technical documents. It is not a word processor or any word document, but it is an efficient way for the publishers and the authors to organize their materials. It gives a unique appearance to the system. It saves the time for designing as well as the efforts used for the documents.

The Latex system handles the layout and formatting of the structures using familiar concepts of the section, table, figure, chapter, etc. It follows the philosophy of separate presentation, i.e., separating the writing contents and the visual appearance so that the authors can focus more on the content rather than its appearance. It is named as the standard for the

communication and publication of the technical or scientific documents. LATEX can be used for any kind of document, but it is especially suited to those with a complex structure, repetitive formatting, or notations like mathematics1; or where technical stability, dimensional accuracy, or a persistent and non-proprietary file format are needed. The session was very interactive where the students posted some queries and the guest speaker clarified their doubts.

[Speaker and students during the session]





[Speaker interacting with students]

6 Guest Lecture Report :

Activity: **GUEST LECTURE**

Topic: Be Industry Ready with XR

Speaker: Mr. Akshay Rathod (CEO,Firebird Technology)

Mr. Yogesh Surwase (Director COO ,FireBird Technology)

Date: 14-02-2024

Time: 1.00 pm to 3.00 pm

Venue: 514

Class : TE class (Elective II ARVR)

Present Student : 45/ 62

Objectives: 1. To explore and gain knowledge about career opportunity in XR .

2. To Learn about XR and their real-world applications.

Outcomes: **1.** Students will be able to get knowledge about XR and its application .

PEOs satisfied and POs achieved:

PEOs: 5 PSOs: 1 POs: 1,12

Activity Report:

A guest lecture on "**Be Industry Ready with XR"** was successfully conducted on 14th Feb 2024, by Department Of Computer Engineering, MESWCOE, which witnessed an enthusiastic response and participation from TE students. The speaker of this session was, Mr. Akshay Rathod (CEO, Firebird Technology), Mr. Yogesh Surwase (Director COO ,FireBird Technology)

Felicitation of speakers was done by Dr.(Mrs.) N.F. Shaikh (HOD comp Department)

The speaker talked about difference between virtual reality and augmented reality which helped the students to differentiate augmented reality and virtual reality in real world. He also gave introduction about mixed reality continuum. Mixed reality continuum includes mixed reality, augmented reality, VR and other mixed configuration. He illustrated the new technologies of augmented reality such as Google glasses which serves as a smart phone in spectacles. He illustrated all this using some videos which made the students understand the topic little much easier. He also showed us the applications of augmented reality in education as well as other fields.

He also explained about hololens, holograms and meta 2 development kit. Extended Reality technology enables people to enjoy a variety of different experiences, from gaming and learning to corporate meetings and hands-on training sessions. As Extended Reality technology develops and becomes more widely available, it offers a number of exciting new applications for businesses. There are still some limitations associated with Extended Reality at present, but experts believe those will decrease as more time passes.

The presenter gave an idea about Augmented Reality, Virtual reality, Mixed reality, Unity Engine and sample applications of it. With XR applications, students can hear, see and interact with a lesson, potentially improving engagement, accessibility, motivation and, more importantly, learning outcomes. Equitable access is one major benefit of extended reality in education. Extended Reality has great potential for reshaping our lives in the future.

[Introduction of speaker Mr. Akshay Rathod by Miss Mugdha]

[Felicitation Speaker Mrs. Yogesh Surwase by Dr. (Mrs.)N. F. Shaikh]

[Felicitation Speaker by Dr. (Mrs.) N. F. Shaikh]

[Speaker Interacting with students]

[Speaker interacting with students]

7. Guest Lecture Report

Activity: GUEST LECTURE

Topic: Project Guidance Selection

Speaker: Mr. Narendra Rajput

Designation: Engineering Manager, Saeloun Pvt. Ltd.

Date: 27-02-2024

Time: 11.00 am to 12.30 pm

Venue: 514

Class : TE class

Present Student : 131

Objectives: **1.**To understand different aspects of domain for selecting project.

2. To understand the importance of sponsored projects.

Outcomes: **1.**Students will get guidance for how to select the BE projects.

PEOs satisfied and POs achieved:

PSOs: 1, 3 PEOs: 1,5 Pos: 9,11,12

Activity Report :

A Guest Lecture on **'Guidance for Project Selectio**n ' was successfully organized on 26th Feb 2024 by Computer Department, MESWCOE, which witnessed an enthusiastic response and participation from students of TE COMPUTER. Speaker for this session was Mr. Narendra Rajput, (Engineering Manager, Saeloun Pvt. Ltd.)

He explained and discussed several steps involved in sponsor projects. He has given various domains idea which students can select like Networking, Data mining, IOT , Big Data etc. He then proceeded with current scenario of IT industry. In order to pick a topic for Final Year Project, you must decide the subject area that interest you, it may be that you are keen to work on programming languages like JAVA or your interest may lie in the database or web development. Final Year Project that determines the career path for most of the graduates. It is expected that you create something innovative and unique as part of your Final Year Project. Your project must solve real issues. The Project Topic for the Final Year Students should not be a traditional topic. The topic must try to address problems faced by humanity or it must improve the efficiency of the current processes. Here we will discuss important tips that can help you pick a suitable topic for your final year project.

Another area under the topic of How to Choose a Final Year Project Topic is the significance of the research. One of the most important things you can do is to read research papers in the field of your choice. It is advised that you read the research paper before you define your problem statement. It is usually helpful to read and understand important research papers

from the last 5 years. If possible, try to pick a topic for your final year project that covers multiple fields, especially the fields that are trending nowadays. The whole session was totally Question-Answer and interactive session. He clears all the basic concepts of students regarding selecting BE Projects.

[Speaker during the session]

[students and speaker during the session]

[Speaker interacting with the students]

8. Guest Lecture Report

Activity: GUEST LECTURE

Topic: Digital and Social media Marketing

Speaker: Mr. Amit Bhoj

Designation: Technical Sales ,Technogrowth Software Solutions Pvt Ltd.

Date: 05-03-2024

Time: 11.00 am to 12.30 pm

Venue: 514

Class : TE class

Present Student : 131

Objectives:

1.To develop knowledge among students regarding the importance of having a website and the current strategies in digital marketing.

Outcomes:

1. Students were able to understand the need of digital marketing in this era of modernization .

PEOs satisfied and POs achieved:

PSOs: 1, 3 PEOs: 1,5 Pos: 9,11,12

Activity Report :

A Guest Lecture on 'Digital marketing and social Media ' was successfully organized on **5th March 2024** by Computer Department, MESWCOE, which witnessed an enthusiastic response and participation from students of TE COMPUTER. Speaker for this session was **Mr. Amit Bhoj ,Technical Sales ,Technogrowth Software Solutions Pvt Ltd.**

This session was an initiative designed to educate the students in the area of Digital marketing. He started the session with an introduction on Digital Marketing with several issues where the society had facing with creating websites and reaching the world.He thrown light on the significance of Digital Marketing as an upcoming field to the students in his introduction speech. Guest Speaker during his Lecture covered the areas like Search Engine Optimization, Search Engine Marketing, Social Media Marketing, Mobile Marketing, Affiliate Marketing,Content Marketing & Scope of Digital Marketing.

Speaker also gave a brief explanation about creating the websites and how it's reaching the world. He explained about Bad websites where society is lagging to know the present situations. And how bad websites are destroying today's world. He also explained about the categories of digital marketing. He also briefs the categories of digital marketing. He finished the session with how digital marketing is reaching the world. Sir also explained about the igital Marketing tools such as E-mail Marketing, Search Engine Optimization {SEO}, social media Marketing etc. The resource person also explained differentiation between traditional marketing and digital marketing.

Live examples were given to the students to explain the trends that have intensified the battle for businesses to try to reach, sell to, engage and serve customers across offline and digital channels. The speaker mentioned the tools for Digital Marketing which involves SEO (Search Engine Optimization), Adwords fundamentals, Keyword, Different mediums of marketing (Online & Offline) etc. Sir also gave an overview of how digital marketing plays a vital role in the IT industry and a great platform to start with one's career. This was an interesting session for students as they participated in the short quiz based on their experience with social media and learned to choose the right career paths**.**

[Speaker during the session]

[students and speaker during the session]

[Speaker interacting with the students]

9.Guest lecture report

Speaker: Mr. Harsh Piparsaniya

Designation: System Architect, Innovation Lead, Siemens Technology service pvt Ltd,

Topic: Basic of IPR

Date: 2nd April 2024

Time: 11.00 am to 12.30 pm

Venue : Seminar Hall 514

Total No. of Present students: SE - 53

Objectives:

1.To understanding the concept of patent specifications and draft of various claims related to the same

2. To learn about Intellectual Property Rights

Outcomes:

1. Students will be able to understand about Intellectual property.

PEOs satisfied and POs achieved:

PEOs: 5 PSOs: 1,3 POs:12

Activity Report:

Department of Computer Engineering , MESCOE has organized guest lecture on "Basic of IPR Practices" in Association with IIC-MESCOE for SE students on 2nd April 2024 . Speaker for his session was Mr. Harsh Piparsaniya,System Architect, Innovation Lead, Siemens Technology service pvt Ltd,

During the session, Speaker provided with the wide range of patent specifications aspects such as the requirements for grant of patents, registration and various other procedures for the draft and claims of patents. The 5 requisites for the grant of patents are clearly explained in the session which includes, the disclosure of the invention (Section 10 Rule 13 and Section 2(1) (ac), Novelty of the patent, the innovation has to be inventive, Utility of the innovation and prior use of the innovation. These are essential for the grant of patents and non-fulfilment of the same can be a ground for the disqualification of the same. The next major object focused by the sir is the necessity of the patent search and importance of the R&D. It is very necessary to ensure the nonexistence of the opposition for the same.

Speaker has given a brief insight into- What is IPR, its different types, time-line chart and its applicability in current trends. He also focused on the relation between Law and Marketing and, through different examples. He explained the definition of Intellectual Property Rights and its use in 20th century. Then he talked about various types of IPR i. e. copyrights, patents, and trademarks. Also discussed how each type is different from other with some examples of each in detail.

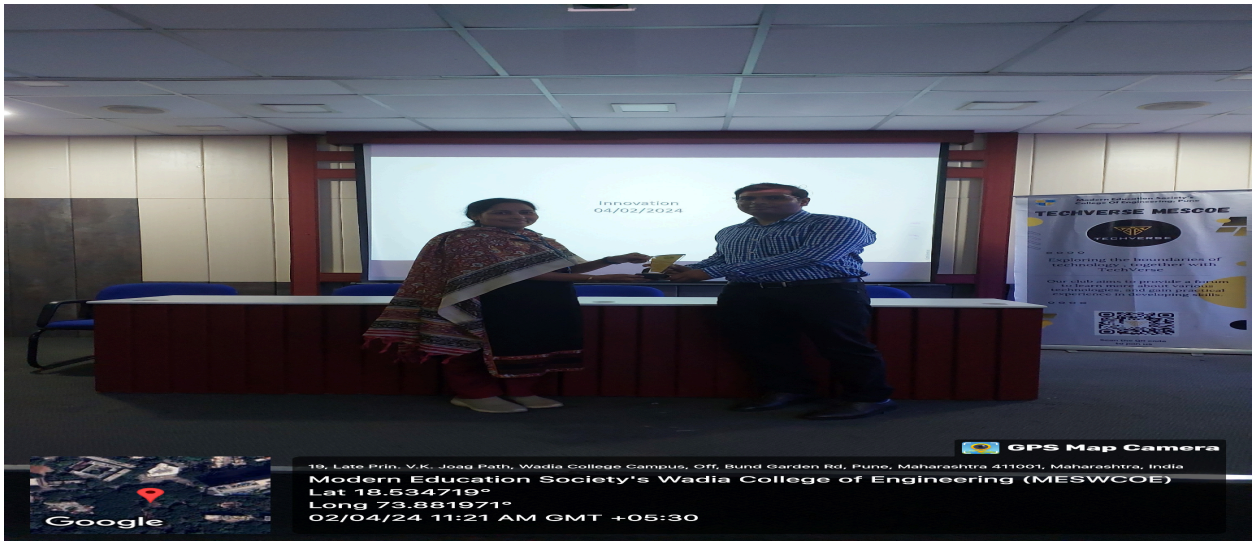
In addition to that he also gave insights into Industrial Design, Geographical indication and Copyright and related rights. Briefly explained various government authorities who issues certificates for Intellectual properties with the help of time-line charts. In the concluding remarks he stated the need, profit and applicability of IPR, and motivated the audience to learn, explore and apply IPR. Session was a successful and fruitful session with an informative and

outstanding experience.

This session was not only informative but also interactive. The questions related to the topic were answered by the guest speaker with various illustrations and recent developments.

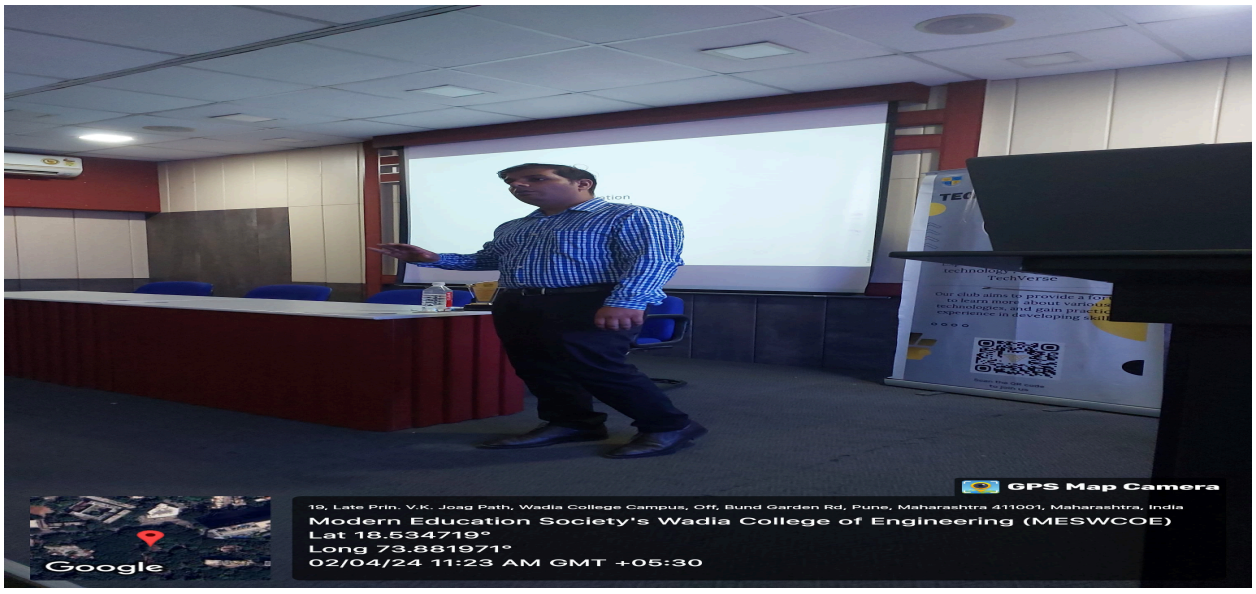
Session Snaps:

[Speaker Introduction]



[Speaker Felicitation]

[SE students during the session]



[Speaker During session]

ACE Activities-Technical Event Digital Renaissance on 29th Feb and 1st March 2024

3. Workshop/FDP:

a. Student/ Faculty Workshop

Sr. No.	Event Name – Workshop Topic	Target Audience	Date of Conduction	Organized By
1.	The code with Logic	TE	20/10/2023	Code Strom Club Team
2	. “Two Days Workshop on Generative AI (Practical Perspective)”	SE Computer,TE Computer ,ENTC Student of Honour Course and Computer and ENTC Staff)	05/04/2024 TO 6/04/2024	Department of Computer Engineering organised
3	“Two Days Online Workshop on Big Data Computing using Hadoop” MOde : Online Mode (Microsoft Teams)	TE COMPUTER	08/04/2024 TO 10/04/2024	Department of Computer Engineering organised

Report

Event Name : Code With Logic

Objectives:

1. Build logical thinking of students.
2. Encouraging students to start coding.

Brief Description of Event:

The Code With Logic was organized by the CodeStorm Club team. Total 40 people had registered for club and out of that 24 participants were present in the program.

About the Event:

On October 20th, 2023, CodeStorm Club held an Code With Logic session for Second Year students in room no. 407. The session started with brief introduction of our speaker Mr. Narendra Rajput, who is working in Saeloun as Engineering Manager. He has industry experience of

around 10 years. He guided us about how to enhance our logical thinking to make an efficient code, he used python to explain the concepts. He also solved the problems which were raised by the students, like reverse a string, swapping, real life problem like checking weather a robot has returned to its original position or not.

We also had a short quiz of some logical question related to the topics covered in the session. Two top scorers were shortlisted and were given a small prize. The session was concluded by announcing the winners of weekly LogicBattle which was conducted online on HakerRank were announced and were felicitated.

b. Spoken Tutorial Courses for Students

SEM I					
Year	**Course Name**	**Strat Date**	**End Date**	**Test Date**	**Total Participants**
SE	C and Cpp	20- Sept- 2023	15-Nov-2023	05 -March-2024	154
	Linux	20- Sept-2023	30-Nov-2023	07-March-2023	154
TE	Linux	01-Aug-2023	15-Nov -2023	30-Dec-2023	217
	LaTex	01-Aug-2023	30-Nov -2023	20-Dec-2023	217
	RDBMS PostgreSQL	01-Aug-2023	30-Nov -2023	27-Dec-2023	217
BE	R	31-Jan-2023	01- Aug-2023	19-Dec-2023	232
	Git	15-Feb-2023	01-Aug-2023	20- Dec-2023	232

iv. Extra-Curricular

1. **NSS Activity:** The NSS unit of the institute celebrates and organizes a variety of program/activity during ongoing academic session. Students of Computer department actively take part in it. These include activities like:

Sr. No.	Details of Activity	Date	Resources/ Guest Speaker/Location
1	**Industrial Visit** 1. One day industrial visit was organized for SE students at Giant Metrewave Radio Telescope (GMRT) Observatory, Khodad Near Narayangoan on Science day, 2. One day industrial visit was organized for TE and BE Students at MSME Defence Expo, Moshi on 25th Feb 2024.	28 Feb 2024 25th Feb 2024	Khodad Near Narayangoan Moshi
2	Staff Industrial Visit	2nd March 2024	Maverick Lab Pvt Ltd at Baner

Sr No	Details of Activity	Date
1	International Yoga Day -2023,	21/06/2023
2	COEP visit “Meri Mati Mera Desh-Kalash Pooja”	26/07/2023

3	Chitrarath- Ganesh Visarjan 28/09/2023	28/09/2023
4	Tree Planation 27/07/2023	27/07/2023
5	Cleanliness Drive- Swachhta Hi Seva (SHS) Campaign	03/10/2023
6	Fit India Freedom run 4.0	06/10/2023
7	Selfie with Mati" under "Meri Mati, Mera Desh	07/10/2023
8	Voting Campaign	10/10/2023
9	Blood Donation Camp	13/10/2023
10	Stress Management by Dr. Manasi Jadhav	16/10/2023
11	Voice care for professionals by Dr. Milind Bhoi	17/10/2023
12	Movement of Positivity by Mrs. Dhanashree Patil	18/10/2023
13	**स्त्री शक्तीचा जागर by Dr.Ujwala Hake**	19/10/2023
14	Blood Donation Camp	23/01/2024
15	Special Camp	12/02/2023 - 18/02/2023

NSS Activity Report :

Activity Name: International Yoga Day Celebration 2023

Day & Date: Wednesday 21th June 2023 **Time:** 10:00 to 11:00 AM

Participants: NSS Volunteer and Teaching staff.

Venue: Room No. 503

Total Student Count: 50

Objectives:

- **celebrate international yoga day:** to actively participate in the global celebration of international yoga day and showcase the college's commitment to yoga and holistic health.

- **raise awareness:** to raise awareness about the numerous physical and mental health benefits associated with yoga practice.

- **educate and inform:** to provide educational sessions and workshops on the philosophy, techniques, and significance of yoga, helping participants develop a deeper understanding.

- **cultivate a healthy lifestyle:** to inspire students and staff to incorporate yoga into their daily lives, promoting a healthier lifestyle.

- **stress management:** to offer stress-relief techniques, particularly beneficial for students dealing with academic pressures.

- **demonstrate social responsibility:** to engage in community service by sharing the knowledge and benefits of yoga with others, extending the positive impact beyond the college.

Report:

The International Yoga Day is celebrated every year on 21st June to bring peace, harmony, happiness and success to every soul in the world. Yoga is a mental, physical and spiritual practice that needs to be carried every day.

The idea of International Day of Yoga was first proposed by the honorable Prime Minister of India, Narendra Modi, during his speech at the United Nations General Assembly (UNGA), on 27 September 2014.

He stated-

> "*Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body; thought and action; restraint and fulfillment; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. By changing our lifestyle and creating consciousness, it can help in well-being. Let us work towards adopting an International Yoga Day."*

In coordination with this National Service Scheme (NSS) celebrated International yoga day no 21st June 2023, from 10:00 AM to 11:00 AM which received good respond from students and faculties. The session begins with felicitation of our guest Dr.Ujwala Hake and Yoga Instructor Dr. Pankaj Bhoite, Professor Gopal Satpute. On this occasion Dr. Dr. M. P. Dale Principal MES College of Engineering shared his view with all participants.

Yoga instructor demonstrated different types of yoga asanas and briefed their benefits to all participants. All the participants perform the different types of yoga asanas followed by yoga instructor. During this time, participants engaged in a series of yoga practices, mindfulness exercises, and educational discussions. The session included a mix of activities, including an

opening meditation, guided yoga asana practice, and discussions on yoga philosophy and wellness. It provided an enriching experience for all participants, promoting physical and mental well-being.

Activity Name: Meri Mati Mera Desh-Kalash Pooja”

Day & Date: Tuesday 26th September 2023 **Time:** 3 PM onwards

Participants: 15 NSS volunteers

Venue: COEP Technological University Shivajinagar Pune

Objectives:

- Create awareness in students about the our social responsibilities

Report:

"Meri mati Mera Desh " this program was arranged at COEP Technological University Shivajinagar Pune On 26th of September Mr. J.P. Nadda who is the National president of BJP was present and shared his views on the topic. From our college 15 NSS Volunteers participated in the program

Activity Name: Chitrarath- Ganesh Visarjan

Day & Date: 28th Sept 2023. Time: 09:00 AM – 12:00 PM

Participants: NSS Volunteers and staff of MESWCOE

Venue: Belbaug Chowk, Laxmi road,Pune.

Total Student Count: 25

Objectives:

• The rally's objective was to raise awareness about the health risks associated with smoking and excessive alcohol

• To support network for individuals seeking to quit smoking or reduce their alcohol intake.

Report:

On the auspicious occasion of Anant Chaturdashi, September 28, 2023, a significant

event called the Chitrarath activity was organized at Belbaug Chowk. This event aimed to raise awareness about the detrimental effects of tobacco use and second-hand smoke exposure, while also advocating for the cessation of tobacco consumption in any form. With the participation of 25 NSS Volunteers,under the guidance of Prof. S. B. Shinde, the NSS Program Officer, Prof. S. M. Narsale Coordinator of Chitrarath activity and the unwavering support of Dr. M. P. Dale, the Principal and additional supporters the event sought to leverage community engagement to amplify its impact on public health awareness.

All NSS volunteer students gathered at the designated venue to kick-start the Chitrarath activity. With meticulous coordination, volunteers arranged an array of posters, meticulously crafted to educate the public about the health risks associated with smoking and excessive alcohol consumption. These posters, a collaborative effort between NSS Coordinators and college students, bore poignant slogans aimed at conveying the dire consequences of tobacco and smoking. As the day progressed, students fervently recited these slogans, resonating with the crowd and instilling awareness within the community.

Activity Name: Tree Plantation

Day & Date: Thursday, 27/07/2023

Participants: Teaching, Non-Teaching Staff and NSS Volunteers

Venue: Wadia College Campus and Nandgaon during NSS camp

Total Student Count: 45

Objective:

- To aware and educate the people for tree plantation and inculcate the social values among them about environment related issues like global warming etc.

Report:

The National Forest Policy aims and emphasizes at maintaining 33% of the country's geographical area under forest and green cover. Van Mahotsava means "Tree Festival". This tree planting festival is observed annually, over a period of week starting from 1st July to 7th July.

To celebrate 'Vanmohotsav' a state-wide drive with the involvement of 33 government departments along with Students of Schools and Colleges, NSS, NCC, CSR, NGOs, Railways, National Highways, Defense, NABARD and other stakeholders of Society were involve in this initiative.

As a social responsibility NSS wing of WCOE has also conducted tree planation activity on 27th July 2023 at Wadia College Campu and on 16th Feb 2024 at Nandagon during NSS camp

Tree planation was carried out with the hands of Principal Dr. M. P Dale, Head of department, NSS program office and NSS volunteers.

Activity Name: Cleanliness Drive- Swachhta Hi Seva (SHS) Campaign

Day & Date: 3rd October 2023 Tuesday Time: 10:00 AM to -12:00 PM

Participants: NSS Volunteers

Venue: College Campus, Dhole Patil Road

Total Student Count: 70

Objectives:

- To promote cleanliness and hygiene among students and the community.
- To raise awareness about the importance of a clean environment.

• To encourage students to take responsibility for their surroundings and take action to make them cleaner.

• To build a sense of community spirit and cooperation among students

Report:

On October 3, 2023, NSS volunteers organized a cleanliness drive on the college campus and surrounding areas. The drive began at 10:30 AM and continued until 12:00 PM. Over 70 students participated in the drive. Students were divided into groups and assigned different areas to clean. Students also collected garbage and disposed of it properly. They also removed weeds and overgrowth from the campus and surrounding areas.

The cleanliness drive was a success. Students were able to clean the college campus and surrounding areas thoroughly. The drive also helped to raise awareness about the importance of cleanliness and hygiene among students and the community. The cleanliness drive was a valuable experience for all participants. It helped to create a cleaner and more hygienic environment on and around the college campus. It also helped to build a sense of community spirit and cooperation among students.

Here is the glimps of activity…..

Activity Name: Fit India Freedom run 4.0

Day & Date: Friday 6th October 2023 Time: 10.00 AM - 11.30 AM

Participants: NSS student volunteers Total Student Count: 45

Venue: Wadia College campus - Yerwada bridge - Wadia college campus

Objectives:

- The campaign's objective is to encourage fitness and help us all to get freedom from obesity, laziness, stress, anxiety, diseases etc.
- The Fit India Freedom Run is yet another endeavor to strengthen the Fit Indian Movement and involve citizens to embrace fitness as a way of life.
- To promote fitness as easy, fun and free. To spread awareness on fitness and various physical activities that promotes fitness through focused campaigns.

Report:

As per the government guidelines Fit India Freedom run 4.0 was organized on 6th October 2023.

to strengthen the Fit Indian Movement and involve citizens to embrace fitness as a way of life.

Total 45 students participated in the activity. All NSS volunteer students assembled in the college at 8 am for arrangement of the freedom run.

With the help of coordinators volunteers arranged all the required posters for public awareness of fitness which was main objective of the activity, students also arranged water bottles and all necessary things which was required for students during the run.

Inauguration of the activity was done by NSS program officer Prof S. B. Shinde sir at 10 am. Later on sir instructed student about the execution of the freedom run and rules to be

followed during the run.

We crossed the main road with the help of coordinators and together started the run with pairs of two towards the yerwada bridge, koregaon park. In between the run students displayed the public awareness posters.

We crossed the roads carefully and stopped at yerwada bridge for public awareness and also did a group photo holding the posters, without troubling the vehicles we again started our run towards the Mangaldas road.

At corner of Mangaldas road and akluj-phule nagar Rd we took a rest of 1 min for water refreshment

During the refreshment we did the awareness with the help of posters, after collecting the water bottles used by ourselves and depositing them properly into nearby plastic dustbins, we started our run towards the college by Mangaldas road.

We reached at college around 11.20 am. Everyone reached at college entrance and gathered together in line. Afterwards we did the activity ending group photo with public awareness posters. Afterwards co-coordinators took the attendance of the NSS students and instructed students about the further activities.

Activity Name: Blood Donation Camp

Day & Date: Friday 13/10/2023 Time: 9:00 AM to 2:00 PM

Participants: Staff and Students of MESWCOE

Venue: Library Reading room

Total Student Count: Total 65 Donors donated blood

Objective of Blood Donation:

• To raise awareness that individuals can save lives and improve the health of others by donating blood.

• To encourage people to donate blood voluntarily without compensation.

Report:

Donating blood is a vital way to help save lives. Along with helping save lives, there are a number of reasons why donating blood is important. A single donation can save three lives. One blood donation provides different blood components that can help up to three different people. Blood cannot be manufactured. Despite medical and technological advances, blood cannot be made, so donations are the only way we can give blood to those who need it.

As a social responsibility NSS unit of WCOE every year organized Blood Donation Camp, This year Blood donation camp was arrange on 13th Oct 2023 in association Sadhu Vaswani Mission's Medical Complex, Inlaks and Budhrani Hospital Blood Bank.

Blood Donation Camp was inaugurated by Principal Dr. M. P. Dale, Registers, All Head of Departments, Librarian; NSS program office, Student Development Officer, Faculty members and NSS volunteers. Dr. M. P. Dale brief students and faculties about importance of blood donation and organ donation, also brief how it is importance need to society. She also gave guidelines of blood donation i.e. who should donation blood.

More than 100 students and staff were registered for blood donation camp. Out of which around 65 units of blood were collected. All Donors were provided with appreciation certificate along with Blood Group Certificate followed by refreshment.

106
Modern Education Society's
Wadia College of Engineering, Pune
(Wadia College Campus)
Modern Education Society's
Wadia College of Engineering
and
National Service Scheme
in association with
Sadhu Vaswani Mission's Medical Co
Inlaks and Budhrani Hospital Blood
is organizing
Blood Donation Ca
DONATE
BLOOD
TO SAVE A
Life

Modern Education Society's
Wadia College of Engineering, Pune
(Wadia College Campus)

Modern Education Society's
Wadia College of Engineering Pune
and
National Service Scheme
in association with
Sadhu Vaswani Mission's Medical Complex
Inlaks and Budhrani Hospital Blood Bank
is organizing

Blood Donation Camp

Co-ordinators:-

Date:- 13/10/2023
Time:- 9:00 am - 2:00 pm
Venue:-Library Reading Room

Christy:- 7028508551
Prince:- 9004929362
Prasad:- 8390508365

Activity Name: Stress Management by Dr. Manasi Jadhav

Day & Date: Monday 16th October 2023 Time: 2:00 PM onwards

Participants: Students of WCOE and NSS volunteers

Venue: Room No.514, Seminar Hall

Total Student Count: 55

Objectives:

• To promote good mental and physical health of people through stress management.

• Understand how stress works and develop sustainable behaviors to manage stress effectively.

Report:

Navratri, a celebration deeply rooted in our cultural heritage, marks the triumph of good over evil, light over darkness, and knowledge over ignorance. Derived from the Sanskrit words 'Nav' meaning nine and 'Ratri' meaning night, Navratri spans nine nights and ten days, during which we worship the various forms of Goddess Durga, each representing a different facet of divinity and strength.

During these four days, our college has planned a myriad of events and activities that reflect the essence and spirit of Navratri.

This is the day 1st of a week-long activities under the Nirbhay Kanya Abhiyan organized by National Service Scheme and Student development board of MESWCOE "उत्सव नवरात्रीचा नवं शक्तीचा" Chief guest of this day was Dr. Mansi Jadhav mam and topic of the day was 'Stress Management' Along with principal mam HOD's o**f Various**

department also present for the session.

Session was started with ‘Vidyapeeth geet.’ In this session mam explained about everyday stress not only woman but also boy students take and how to handle that stress.

Mam covered the following important points:

1. Understanding Stress:

• Definition of stress and its various manifestations.

• Differentiating between acute and chronic stress.

2. Identifying Stressors:

• Discussing common sources of stress, including work, relationships, finances, health concerns, and major life changes.

• Encouraging participants to identify their personal stressors and triggers.

3. Coping Strategies:

• Presenting a variety of coping strategies for managing stress effectively.

• Techniques include mindfulness meditation, deep breathing exercises, progressive muscle relaxation, and visualization.

• Encouraging regular physical activity, adequate sleep, and healthy nutrition as essential components of stress management.

4. Time Management and Prioritization:

• Highlighting the importance of time management and prioritization in reducing stress levels.

• Introducing strategies such as creating to-do lists, setting realistic goals, and delegating tasks when necessary.

5. Building Resilience:

• Emphasizing the significance of resilience in coping with adversity and bouncing back from stressful situations.

• Discussing the importance of maintaining a positive outlook, cultivating social support networks, and practicing self-compassion.

6. Seeking Professional Help:

• Encouraging individuals to seek professional help if stress becomes overwhelming or begins to interfere with daily functioning.

• Providing information about mental health resources, counseling services, and support groups available within the community.

Mam also explained how to counter the negative thoughts and think in positive ways.

In essence, the stress management lecture aims to empower participants with practical tools and strategies for navigating the complexities of modern life while fostering a sense of balance, resilience, and inner peace.

At the end of the session students interacted with mam and shared thoughts with each other.

Here are some glimpses of the session…

Activity Name: Voice care for professionals and teachers by Dr. Milind Bhoi

Day & Date: Tuesday,17th October 2023 Time: 11am onwards

Participants: Students of MESWCOE and NSS volunteers

Venue: Room No.514, Seminar Hall

Total Student Count: 69

Objectives:

• Enhance voice quality through vocal training to improve communication skills and public speaking abilities.

• Educate on vocal hygiene practices to maintain vocal health and prevent voice-related issues.

Report:

Navratri, a celebration deeply rooted in our cultural heritage, marks the triumph of good over evil, light over darkness, and knowledge over ignorance. Derived from the Sanskrit words 'Nav' meaning nine and 'Ratri' meaning night, Navratri spans nine nights and ten days, during which we worship the various forms of Goddess Durga, each representing a different facet of divinity and strength.

During these four days, our college has planned a myriad of events and activities that reflect the essence and spirit of Navratri.

This is the day 2nd of a week-long activities under the Nirbhay Kanya Abhiyan organized by National Service Scheme and Student development board of MESWCOE "उत्सव नवरात्रीचा नवं शक्तीचा" Chief guest of this day was Dr. Milind Bhoi sir and topic of the day was 'Voice care for professionals and teachers'. Along with principal mam HOD's of various department also present for the session.

Assistant of Bhoi sir Dr. Ashok sir was there with NSS volunteers for preparation of the event. Bhoi sir was received by NSS volunteers at college entrance.

In the session Bhoi sir shared the work he has done along with various celebrities also shared his thoughts of the mission2020 with Dr. A.P.J. Abdul kalam sir. Bhoi sir elaborated how each person's voice is different from each other.

Sir covered the following important points:

1. Importance of Voice Care:

• Recognize the significance of voice care for professionals and teachers in maintaining vocal health and career longevity.

2. Risk Factors:

• Understand the risk factors associated with voice disorders, especially prevalent among teachers due to their job demands.

3. Prevention Strategies:

• Implement preventive measures to avoid voice problems, including vocal hygiene practices and proper vocal techniques.

4. Communication Skills:

• Enhance communication skills through voice training to improve engagement and effectiveness in teaching or professional interactions.

5. Voice Care Guidelines:

• Follow voice care guidelines, including warm-up exercises, rest periods for the voice, and proper vocal techniques.

6. Support and Resources:

• Provide ongoing support, training, and resources to help professionals and teachers maintain optimal vocal health in their work environments.

Then sir explained how we should take care of our voice and various factors

that affects the health pf our vocal cords. Session was ended with Praying 'पसायदान' along with teachers.

Here are some glimpses of the day....

Activity Name: Movement of Positivity by Mrs. Dhanashree Patil

Day & Date: Wednesday 18th October 2023 Time: 2:00 PM onwards

Participants: Students of MESWCOE and NSS Volunteers

Venue: Room No.514, Seminar Hall.

Total Student Count: 80

Objectives:

- To raise awareness about the importance of cultivating a positive mindset
- To empower participants to spread kindness, gratitude, and resilience in their communities, fostering a culture of inclusivity and social change.

Report:

Navratri, a celebration deeply rooted in our cultural heritage, marks the triumph of good over evil, light over darkness, and knowledge over ignorance. Derived from the Sanskrit words 'Nav' meaning nine and 'Ratri' meaning night, Navratri spans nine nights and ten days, during which we worship the various forms of Goddess Durga, each representing a different facet of divinity and strength. During these four days, our college has planned a myriad of events and activities that reflect the essence and spirit of Navratri.

This is the day 3rd of week-long activities under the Nirbhay Kanya Abhiyan organized by National Service Scheme and Student development board of MESWCOE “उत्सव नवरात्रीचा नवं शक्तीचा.” Topic for this day was "Movement of Positivity" By Dhanashree Patil she is CEO of REDIO (Rescuing Every Distressed Indian Overseas) and Founder and President of Swadesh Seva Foundation In her talk she explained about her work. And encourage us to donates something to society which is possible us.

The lecture commences by acknowledging the pervasive negativity that often dominates our surroundings, from media headlines to personal interactions. Emphasizes the importance of cultivating a culture of positivity and optimism, not only for individual well-being but also for collective social change.

Highlighting the transformative power of gratitude in shifting perspective and fostering a deeper appreciation for life's blessings. Introducing practical strategies for cultivating gratitude, such as keeping a gratitude journal, expressing appreciation to others, and savoring moments of joy and beauty.

Here some glimpses of activity…

Activity Name: स्त्री शक्तीचा जागर by Dr. Ujwala Hake

Day & Date: Thursday 19th October 2023 Time: 3:00 pm onwards

Participants: Students of WCOE and NSS volunteers

Venue: Room No.514, Seminar Hall.

Total Student Count: 80

Objectives:

• Empowering women to make informed decisions about their health, rights, and financial independence, fostering a more equitable and inclusive society.

Report:

Navratri, a celebration deeply rooted in our cultural heritage, marks the triumph of good over evil, light over darkness, and knowledge over ignorance. Derived from the Sanskrit words 'Nav' meaning nine and 'Ratri' meaning night, Navratri spans nine nights and ten days, during which we worship the various forms of Godess Durga, each representing a different facet of divinity and strength. During these four days, our college has planned a myriad of events and activities that reflect the essence and spirit of Navratri.

This is the day 4th of a week-long activities under the Nirbhay Kanya Abhiyan organized by National Service Scheme and Student development board of MESWCOE "उत्सव नवरात्रीचा नवं शक्तीचा" Chief guest of this day was Dr. Ujwala Hake mam and topic of the day was 'स्त्री शक्तीचा जागर' Along with principal mam HOD's of Various department also present for the session.

The lecture begins by recognizing the historical and societal challenges faced by women worldwide, including discrimination, gender-based violence, unequal access to education and employment, and limited opportunities for leadership and decision-making.

Emphasizes the importance of women's empowerment as a fundamental human right and a catalyst for social progress and sustainable development.

In this session mam explain journey of Women form the From Puranic times till today By giving various examples of various responsible and successful women's she ignited the flame of innovative thoughts among us with her words. Also, main points covered by her during the session were: Defining Women Empowerment, Education and Skill Development, Economic Empowerment, Leadership and Representation.

Here some glimpse of activity…

Modern Education Society's
Wadia College of Engineering, Pune
(Wadia College Campus)
MODERN EDUCATION SOCIETY'S
WADIA COLLEGE OF ENGINEERING,PUNE
in association with
NATIONAL SERVICE SCHEME
and

Modern Education Society's
Modern College of Engineering, Pune
(Modern College Campus)
MODERN EDUCATION SOCIETY'S
MODERN COLLEGE OF ENGINEERING, PUNE
NATIONAL SERVICE SCHEME
and
STUDENT DEVELOPMENT BOARD

Activity Name: Blood Donation Camp

Day & Date: Tuesday 23/01/2024 Time: 12:00 PM to 04:00 PM

Participants: Staff and Students of MESWCOE

Venue: Library Reading room

Total Student Count: Total 55 Donors donated blood

Objective of Blood Donation:

- To raise awareness that individuals can save lives and improve the health of others by donating blood.
- To encourage people to donate blood voluntarily without compensation.

Report:

Donating blood is a vital way to help save lives. Along with helping save lives, there are a number of reasons why donating blood is important. A single donation can save three lives. One blood donation provides different blood components that can help up to three different people. Blood cannot be manufactured. Despite medical and technological advances, blood cannot be made, so donations are the only way we can give blood to those who need it.

As a social responsibility NSS unit of WCOE every year organized Blood Donation Camp, This year Blood donation camp was arrange on 23rd Jan 2024 in association Sadhu Vaswani Mission's Medical Complex, Inlaks and Budhrani Hospital Blood Bank.

Blood Donation Camp was inaugurated by Principal Dr. M. P. Dale, Registers, All Head of Departments, Librarian; NSS program office, Student Development Officer, Faculty members and NSS volunteers. Dr. M. P. Dale brief students and faculties about importance of blood donation and organ donation, also brief how it is importance need to society. She also gave guidelines of blood donation i.e. who should donation blood.

More than 100 students and staff were registered for blood donation camp. Out of which around 55 units of blood were collected. All Donors were provided with appreciation certificate along with Blood Group Certificate followed by refreshment.

NSS Camp at Samparc Bal Asha Ghar on date 12/02/2024 to 18/02/2024

Activity Name: NSS Special Winter Camp 2024

Day & Date: Monday 12th February to Sunday 18th February 2024

Venue: Samparc Bala Asha Ghar, Nandgaon, Tal. Mulshi

Participants: NSS Student Volunteers

Total Student Count: 25

Objective of NSS Special Camp:

1. Encouraging the students and non-students' youth to work along with the adults in rural areas, thereby developing their character, social consciousness and commitment, discipline and healthy and helpful attitudes towards the community:

2. Emphasizing the dignity of labor and self-help and the need for combining physical work with intellectual pursuits, and

3. Encouraging youth to participate enthusiastically in the process of national development, and promote national integration through democratic living and cooperative action.

Report:

As per this guideline NSS Special Camp was organised to Samparc Bala Asha Ghar, Nandgaon, Tal. Mulshi from 12th February to 18th February 2024 in association with Modern Education Society's Wadia College of Engineering. Total 25 students participated to Special Camp along with NSS Program Officer Prof. S. B. Shinde, Prof. Sonali Walunj, Sport Director Mr. Hariram Sapnar and Librarian Dr. Ajit Sonawane. For all seven days NSS volunteers helped in cooking food which was special thing of camp.

Following activates/ projects were undertaken during seven days Camp:

1. **Road side Cleanliness drive**
2. **Coloring of Trees and Stone of School ground**
3. **Construction of compound wall using wire mesh.**
4. **Tree Plantation**
5. **Village survey and School visit (Zilla parishad prathmik shala)**

6. **Guest Lecture**

7. **Cleanliness of Korigad**

8. **Digging pits for Waste Management Plant.**

9. **Cultural program**

Day wise/Date wise details of camp are as follows.

Day 1: Monday/ 12th Feb 2024

All students gathered at college at 8 am for the inauguration of the NSS Camp journey. Dr. Ajit Sonawane officiated the inauguration, and the group set off for Nandgaon around 9 am.

Upon arrival at Samparc Bala Asha Ghar in Nandgaon around 11 AM, the NSS volunteers and professors had breakfast and devised a schedule for the upcoming seven-day camp. Mr. Shubham Medankar, alumni of MESCOE, officially inaugurated the seven-day camp in the presence of faculty members and NSS volunteers. During his speech, Mr. Medankar shared personal anecdotes and highlighted how NSS had played a pivotal role in his life, offering guidance and motivation to the volunteers for the upcoming camp.

After the session, preparations for lunch commenced, followed by the division of all volunteers into three groups: Group A, B, and C. A post-lunch review meeting with all volunteers was then conducted by the NSS program officer to discuss the program and gather feedback from the volunteers.

Day 1

WELCOME TO
MESCOE
Day 2

Day 3
PARTH

Day 4

Day 5

2. Day Celebration

Sr. No.	Topics	Date	Audience
1.	Independence Day	15/08/2023	Students and staff
2	Teachers Day	05/09/2023	Staff
3	Engineers Day	14/09/2023, 15/09/2023	Students and staff
4	Ayudh Pooja	23/10/2023	staff
5	Republic Day Celebration	26/01/2024	Students and staff
6	National Science Day	28/02/2024	Staff and SE Students
7	Women's Day Celebration	07/03/2024	Ladies Staff and Student

1.Activity: Independence Day Celebration

Date: 15/08/2023

Time: 7:50 AM

Venue: Terrace floor

Total No. of Participants 150

Objectives:

1. To salute our martyrs who laid their lives for the defense of the country.
2. To contribute to the social and cultural forum for the Indian community.

3. To contribute to humanitarian causes.

Outcomes:

1. Students will develop a sense of responsibility and accountability for their actions and performance.

2. Students will be able to use technology to interact and provide service to the society.

POs Achieved: 9,10,12

Activity Report:

On the occasion of Independence day, flag hoisting was held on 15th August 2023 at 7:50 AM. College staff and students were present for the flag hosting. Flag hosting is done by respected Principal Dr. M. P Dale madam.

2. Activity: Celebration Of Teacher's Day

Date: 5th September 2023

Time: 11:00 AM – 12:00 PM

Venue: Neville Wadia College Hall

Total No. of Staff: About 200

Objectives:

1. To celebrate birthday of a timeless teacher and the former President of India - Dr. Sarvepalli Radhakrishnan.

2. To respect and appreciate teacher's role in student's life
   POs Achieved: POs: 9,10,12

Activity Report:

Teachers day is celebrated as a tribute to the valuable contribution made by teachers to the society by imparting knowledge and enlightening and shaping the career of students. This year on behalf of the Modern Education Society, we have celebrated "Teacher's Day" on 05th Sept. 2023 at Neville Wadia College Hall at 11 am .

The program started with the National Anthem and deep-prajwalan. Followed by it felicitation of Dr. Parag Kalkar Hon'ble Pro-Vice Chancellor of SPPU is done by Prof. Sachine Sanap, Hon'ble Trustee MES Pune. On the occasion of Teacher's Day, the session named "शिक्षकांशी संवाद" *by Dr Parag Kalkar was organized.* The teaching staff from all the **institutes of MES Pune campus were present for this program.**

NEVILLE WADIA HALL
MODERN EDUCATION SOCIETY
PUNE

3. Activity: Celebration Of Engineer's Day

Date: 14th and 15th September 2023

Time: 3 to 6.30 PM, 10 to 12.30 PM

Venue: Neville Wadia Hall

Total No. of Participants : MESWCOE TE Students

Objectives:

1. To celebrate birthday the Bharat Ratna Awardee, the eminent engineer Mokshagundam Visvesvaraya and to appreciate his contribution.

2. To respect and appreciate Engineer's role in society.

POs Achieved: POs: 9,10,12

Activity Report:

Engineer's day is celebrated on 15th Sept every year as a tribute to the valuable contribution made by engineers to the society by imparting knowledge and enlightening and shaping the career of students. On the occasion of Engineer's Day, Rotary Club of Pune and MEWSCoE jointly organized 2 days session on "Essentials of True Leadership" on 14th and 15th September

2023 at Neville Wadia College Hall. The session is attended by all the TE students of all branches of MESWCoE. The details of the session are as below:

Guest Speakers: Brig. Ajit Apte

Maj. Gen. R.S. Jambusarwalla

Maj. Gen. Amar Krishna

Air. Cdr. Sanjay Tilloo

Guest Speakers enlightened the students with the very informative session about the leadership quality which is essential for their future career. There were some exciting outdoor activities also arranged at the end of session. Students were also awarded participation certificates and some special awards. It was a very helpful session for the overall personality development of students. Students participated in all the activities enthusiastically.

Rotary Club of Pune Kothrud

RYLA ROTARY YOUTH LEADERSHIP AWARDS

ROTARY CLUB OF POONA Chartered 1936

Rotary Club of Poona & Rotary Club of Pune - Kothrud

Jointly Organize

The Essentials of True Leadership

For

MES Wadia College of Engineering

At Neville Wadia Institute of Management Studies and Research

Speakers

Brig Ajit Apte
(Retd)

Maj Gen R S Jambusarwalla
(Retd)

Maj Gen Amar Krishna, Ph.D
(Retd)

Air Cdr Sanjay Tilloo
(Retired)
Commendation by CAS

Dr Ashok Chandak
Trustee MES WCE

Prof. Sachin Sanap
Trustee MES WCE

Dr Anand Dadas
Director NWIMSR

Dr.M.P.Dale
Principal MESWCOE

Rotary Club of Poona

Rtn N. P. Singh Bakshi
President

Rtn Paramjit Pabby
Director Youth

Rtn Leela Madhuri
Director Youth

Rtn Niamat Virji
Chairperson RYLA

Rotary Club of Pune - Kothrud

Rtn Indraneel Mujguile
President

Rtn. Rajesh Bhate
Secretary

Rtn Sushma Kulkarni
Director Youth

Rtn Ujwal Tawde
Chairperson RYLA

14th September, Thursday, 3 PM To 6:30 PM
15th September, Friday, 10 AM to 12:30 PM

NEVILLE WADIA HALL
Project by
Rotary
CLUB OF POONA
"In Service - Above Self since 1936"
GPS Map Camera
Pune, Maharashtra, India
19, Prin.V.K. Jaog Path, Bund Garden Rd, Sangamvadi, Pune, Maharashtra 411001, India
Lat 18.531882°
Long 73.880283°
14/09/23 05:51 PM GMT +05:30
Google

4. Activity: Saraswati Pooja and Ayudh Pooja (Navratri/Dussehra 2023)

Date: 23th October 2023

Time: 11:00 AM – 12.00 PM

Venue: Lab 302 Computer Engineering Dept.

Total No. of Participants: 35

Objectives:

1. Ayudha Puja is one of the ways to honor and express gratitude for all the instruments that add meaning to our life.

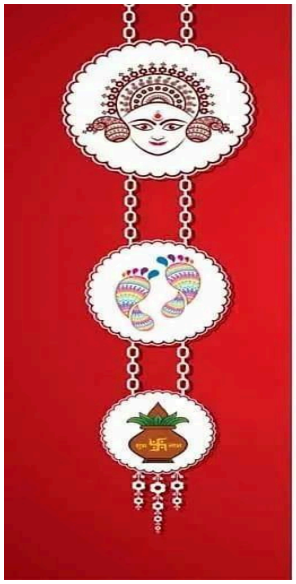
2. Saraswati Puja on this occasion is to acknowledge the value of education and arts in our life.

POs Achieved: **POs: 9,10,12**

Activity Report:

In Maharashtra, the Navratri festival is celebrated as Ayudha Puja/Shastra Puja, Vijayadashami, Dasara and Saraswati Puja. All weapons, vehicles, agricultural equipment, machines and metal items are worshiped with leaves of the shami tree, marigold flowers and the 'dhaan' that is grown during 9 days of Navaratri. Marigold flowers have a special significance on Dasara day. Saraswati Puja is performed and books, musical instruments, etc. are worshiped alongside the goddess. People perform a ritual called Simollanghan, crossing boundary of the village and collect leaves of the apta tree. The leaves signify gold.On this occasion Ayudh Pooja and Saraswati Pooja is organized at Lab 302 Computer Engineering Dept. on 23th Oct 2023 at 11.00 am to 12.00 pm. All the teaching and non-teaching staff were present for the pooja.

All teaching and non-teaching staff presents on this occasion worshiped goddess Saraswati and other instruments of the department. During these 9 days of Navaratri all staff members dressed up with color code of the day.



Navratri Colours 2023	
Day 1 – Oct 15, Sunday	Orange
Day 2 – Oct 16, Monday	White
Day 3 – Oct 17, Tuesday	Red
Day 4 – Oct 18, Wednesday	Royal Blue
Day 5 – Oct 19, Thursday	Yellow
Day 6 – Oct 20, Friday	Green
Day 7 – Oct 21, Saturday	Grey
Day 8 – Oct 22, Sunday	Purple
Day 9 – Oct 23, Monday	Peacock Green

MODERN EDUCATION SOCIETY'S
WADIA COLLEGE OF ENGINEERING

Department of Computer Engineering

We Solicit Your Esteemed Presence
On The Auspicious Occasion of
Saraswati Puja
And
Ayudha Puja

On Monday 23th Oct 2023 at 11.00 AM
At Lab No. 302,
Computer Enginnering Department,
MESWCOE Pune

"Do not wait for anybody or anything.
Do whatever you can,
build your hope on none."

Computer engineering department staff on occasion of Ayudh Pooja and Saraswati Pooja

5. Activity: Republic Day Celebration

Date: 26/01/2024

Time: 7:45 AM

Venue: Wadia College Gymkhana

Total No. of Participants 500

Objectives:

1. To salute our martyrs who laid their lives for the defense of the country.
2. To contribute to the social and cultural forum for the Indian community.
3. To contribute to humanitarian causes.
4. To give up all discrimination of caste, color, and religion and make people equal in the eyes of law and order of independent India.

Outcomes:

1. Students will develop a sense of responsibility and accountability for their actions and

performance.

2. Students will be able to use technology to interact and provide service to society.

POs Achieved: 9,10,12

Activity Report:

On the occasion of Republic day, flag hoisting was held on 26th January 2024 at 7:50 AM on Wadia college Gymkhana ground. Staff and student of all colleges under the Modern Education Society were present for the flag hosting. Flag hosting is done by Dr. Ashok Chandak Sir, Trustee MES. On the occasion of Republic day students presented patriotic song after flag hosting. Also there was a performance by NSS ,NCC and award winning baha team of MESWCOE.

Problems Faced : Nil

Suggestions : Nil

MESCOE Staff after Flag Hosting:

Award winning baha team MESWCOE

Computer Engineering Department

6. Activity: National Science Day Celebration Date: 28/02/2024

Time: 08:00 AM to 05:00 PM

Venue: Visit to GMRT Khodad Junnar Pune

Total No. of Participants: 150 (Computer Engg. Staff and SE Students)

Objectives:

1. To bring out the Scientific approach of the participants.
2. To enhance knowledge in General Science and updates in science's world.
3. To gauge participants knowledge and awareness of various Aspects in the field of Science.
4. To make participants think towards recent trends in the field of Science.

POs Achieved: POs: 9,10,12

Activity Report:

On the occasion of National Science Day on 28 Feb 2024 a visit to GMRT Khodad Junnar Pune was organized by Computer Engineering Department MESCOE Pune.

Khodad is famous for Giant Metrewave Radio Telescope (GMRT), the largest telescope at metre wavelengths in the world, which attracts radio astronomers from different countries. GMRT is operated by the National Centre for Radio Astrophysics, a part of the Tata Institute of Fundamental Research, Mumbai. At the time it was built, it was world's largest interferometric array. And that was the time when first Khodad came on world map.

A Industrial visit of all SE Comp students was arranged between 8.00am to 5.00 pm on 28 Feb. Students and staff left from college for GMRT on 28 Feb at 8:30 am by bus. On the occasion of science day project exhibition and poster presentation was arranged there. Also there was an informative session arranged by GMRT people.

Outcomes: Outcome in terms of Learning/ Skill/ knowledge obtained:

1. Know more about GMRT.

2. It’s advanced technology and scientific contributions made in the field of radio astronomy.

GPS Map Camera
Google
Khodad, Maharashtra, India
32VW+QR, Khodad, Maharashtra 410504, India
Lat 19.094709°
Long 74.047258°
28/02/24 01:01 PM GMT +05:30

7. Activity: Women's Day

Celebration Date: 07/03/2024

Time: 02:00 to 04:00 PM

Venue: Neville Wadia Hall

Total No. of Participants: 200 (MES Colleges Ladies Staff+Student)

Objectives:

1. To show love and gratitude towards women.
2. To remember the importance of women in life.

POs Achieved: POs: 9,10,12

Activity Report:

International Women's Day (March 8) is a global day celebrating the social, economic, cultural and political achievements of women. On this occasion a guest lecture on *"Women Health"* is organized. Arti Shitole Health Advisor Unimax India, Pune, conducted this session for all Ladies staff. The program started with felicitation of guest by the honorable trustee Dr. Ashok Chandak and Prof. Sachin Sanap .

All ladies faculties from all the sister institutes of ME Society were present for the event. Program was full of interaction with participants by question and answer session.

Outcomes:

1. Make ladies aware of positive thinking, self love, self appreciation and positive affirmations in their daily life.
2. Make them aware about finding positivity in the surrounding environment.

12:07 51%

Posts Follow

wadiacoe 3d

202 likes

wadiacoe 👩Women's Day Celebration 2024 at MES Neville Wadia Hall.... more

wadiacoe 4d

Loga R. Torkian • Shades Of Blue

Ladies Staff for the session

Guest Addressing the crowd

12:07 51%

Posts Follow

wadiacoe 3d

202 likes

wadiacoe 👩Women's Day Celebration 2024 at MES Neville Wadia Hall.... more

wadiacoe 4d

Loga R. Torkian • Shades Of Blue

12:07 51%

Posts Follow

wadiacoe 3d

202 likes

wadiacoe 👩Women's Day Celebration 2024 at MES Neville Wadia Hall.... more

wadiacoe 4d

Loga R. Torkian • Shades Of Blue

Felicitation of Guest

12:06 51%

← Posts Follow

wadiacoe 3d

202 likes

wadiacoe 👩Women's Day Celebration 2024 at MES Neville Wadia Hall.... more

wadiacoe 4d

Loga R. Torkian • Shades Of Blue

Dignitaries on the dais

3. Hackathon

Sr. No.	Title of Activity	Type of Activity (hackathons)	Target Audience SE/TE/BE / All MESCOE students	No of students attended	No of Faculty Attended	Date of Activity	Mode of conduction (Offline/online)
1	Internal Hackathon for Smart India Hackathon (SIH)	Internal Hackathon	MESCOE students	100	4	27th Sept 2023	Offline

Report

About Event:

Internal Hackathon for Smart India Hackathon 2023 is organized in association with IIC-MESCOE at Modern Education Society's College of Engineering on 27th September 2023 in

Computer Engineering Dept. About Ministry of Human Resource Development's Innovation Council (MIC):Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in their formative years.

Ministry of Education
Government of India
MoE's INNOVATION CELL (GOVERNMENT OF INDIA)
SMART INDIA HACKATHON 2023
आज़ादी का अमृत महोत्सव
SMART INDIA HACKATHON 2023
Modern Education Society's
Wadia College of Engineering
In association with IIC-MESCOE
Conducting Internal Hackathon for SIH 2023
Date: 27th September 2023
Time: 10 AM onwards
Venue: 304
FOR THE SPREAD OF LIGHT
Internal Hackathon
for
Smart India Hackathon 2023
/@wadiacoe
/@mescoeofficial
/@wadiacoe

National conference RACE:

National Conference on"Recent Advances in Computer Engineering"In association with CSI and ICTACT Journal (RACE -2024) On 4th & 5th April 2024 Organized by *Department of Computer Engineering*

The 11th National Conference on "Recent Advances in Computer Engineering" [RACE-2024] is the premier forum for presentation of new advances and research results in the field of Computer Engineering. The conference will bring together researchers, engineers and scientists in the domain of interest from a variety of disciplines such as Computer, Informa on Technology, and Electronics & Telecommunication Engineering.

Topics of interest include but not limited to :

- Data Science & Big Data
  Internet of Things

Software Engineering

Networking & Cloud Computing

Artificial Intelligence & Machine Learning

Data Mining and Information Retrieval

GPS & Applications

Computer Networks

Cyber Security & Network Security

Information and Coding Techniques

Biomedical Signal/Image Processing

Image and Pattern Recognition

Computer Vision, Biometrics

Cryptography and Network Security

Graphics, Animation & Virtual Reality

Cloud Computing

Fuzzy Systems/Neural Network

<u>Outcomes of RACE 2024</u> <u>Student will be able</u>

1. To write technical articles

2. To provide an excellent opportunity to the students to showcase their talent, research orientation and untapped potential.

3. To develop presentation and communication skills and to work in teams.

RACE Organizing Team

Convenor: Dr. N. F. Shaikh (HoD, Comp)
Organizing Secretary: Dr. A. P. Kale

Coordinators: Mrs. J. S. Mane, Ms. B. F. More

RACE 2024 Details

No. of Registered groups -160 No.
of participated groups -139

Chief Guest Information:

Dr. Pramod D. Patil, Professor & Dean, Science & Technology, SPPU, Pune.

Guest of Honour Information:

Dr. Nilesh J. Uke, BOS Chairman, Computer Engineering, SPPU, Pune.

Session Chairs Information:

Sr.No.	Name of Session Chair	Institute

1	Dr. Shashikant Aathawale	HoD, Associate Professor AISSMS COE, Pune
2	Dr. Shafi Pathan	MITADT, Pune
3	Dr. Nilesh Sable	Associate Professor & Head CSE(AI) VIIT Pune
4	Dr. Brijendra Gupta	HoD, Associate Professor, CSE Dept. Siddhant COE, Pune
5	Dr. Subhash Rathod	Associate Professor, HoD MMIT, Pune
6	Dr. Anajli Naik	Assistant Professor Cummins COEW, Pune
7	Dr. Sunita Jahirabadkar	Professor & HoD, Cummins COEW, Pune
8	Dr.Yashodhara Haribhakta	Associate Professor, COE Pune

9	Dr. Archana Vaidya	R H Sapat CoE and MSR Nashik
10	Dr. Abhijit Banubakode	PRINCIPAL, MET Institute of Computer Science, Mumbai.
11	Dr. K. S.Tiwari	ENTC Dept,MES's Wadia COE Pune
12	Dr. R. S. Kadam	ENTC Dept, MES's Wadia COE Pune
13	Dr. M.M.Dhanvijay	ENTC Dept, MES's Wadia COE Pune

Best Paper Information:

Sessio No.	Title of Paper	Name of Judge

session 1	CNN based Intelligent Question answer generating system	Dr. S. V .Athawale
session 2	Solar Energy Generation using Machine Learning Models with Integrated Weather Forecasting	Dr. Shafi Pathan
Session 3	Augmented Reality Integration for Interactive Digital Textbooks	Dr. Nilesh Sable
session 4	Blockchain Based Banking System	Dr. Brijendra Gupta
session 5	Supply Chain For Pharma Network Using Blockchain & QR Code Technology	Dr. Subhash Rathod
session 6	Spam Detector: Spam Detection System using Machine Learning	Dr. Anjali Naik
session 7	Serverless Machine Learning Pipeline Using Kubeflow	Dr.Sunita Jahirabadkar
session 8	SuspiciousActivity in Atm	Dr. Yashodhara Haribhakta
session 9	Soil Nutrient Monitoring System using Machine Learning and IOT	Dr. Archana Vaidya
session 10	HeadgearCompliance in Development sectors through deep Learning Algorithm	Dr.Abhijit Banubakode

session 11	Algorithmic Trading: A Research Study	Dr. Kanchan Tiwari
session 12	Revolutionizing Food Delivery with a Voice Assistant using Dialog Flow	Dr. R.S.Kadam
session 13	VGG16-based Brain Stroke Prediction in CT scan	Dr. M. M. Dhanvijay

RACE 2024 Brochure:

11th National Conference on "RECENT ADVANCES IN COMPUTER ENGINEERING" [RACE 2024]

In Association with "CSI Pune Chapter and ICTACT Journals" on 04th and 05th April 2024

Organized by

Department of Computer Engineering,
Modern Education Society's Wadia College of Engineering, Pune
(Accredited by NBA & NAAC with an 'A++' Grade)
www.mescoe.mespune.org, Contact no. 02026163831
Email ID: race@mescoepune.org

Chief Patrons

Dr. A. S. Chandak
(Trustee, Modern Education Society, Pune.)

Prof. S. N. Sanap
(Trustee, Modern Education Society, Pune.)

Patron

Dr. (Ms.) M. P. Dale
Principal
(MES Wadia College of Engg., Pune.)

Convener

Dr. (Mrs.) N. F. Shaikh
(Head, Department of Computer Engg.)

Organizing Secretary

Dr. (Mrs.) A. P. Kale

Coordinator

Mrs. J. S. Mane
(9970165711)
Ms. B. F. More
(9405829611)

Mode of Conference : Hybrid

No Registration Fees

Important Dates

Paper Submission Deadline: ~~18th March, 2024~~
Extended Submission Deadline: 22nd March, 2024
Intimation of Acceptance: 22nd March, 2024
Submission of CRC Paper: 26th March, 2024
Last Date of Registration: 30th March, 2024

Advisory Committee

Dr. M. B. Kokare (Director, SGGS Institute of Engineering and Technology, Vishnupuri, Nanded)
Dr. P. D. Patil (Professor and Dean, Science and Technology SPPU)
Dr. N. J. Uke (BoS, Chairman, Computer Engg, SPPU & Principal, Trinity Academy of Engineering, Kondhwa, Pune)
Dr. P. N. Mahalle (Dean R&D, Head AI & DS, VIIT, Pune)
Dr. S. P. Sood (Associate Director, CDAC, Mohali)
Dr. S. P. Sonavane (Associate Professor, Walchand COE, Sangli)

Organizing Committee

Dr. (Mrs.) R. A. Khan
Dr. (Mrs.) S. K. Wagh
Dr. (Mrs.) J. R. Pansare
Dr. (Miss.) R. M. Wahul
Dr. (Mrs.) S. R. Khonde
Dr. (Mrs.) S. P. Khedkar
Mr. B. K. Bodkhe
Dr. (Mrs.) S. P. Deore
Mrs. S. S. Raskar
Mr. G. S. Pole
Mr. S. B. Shinde
Ms. D. D. Ahir
Mr. A. S. Kamble
Mr. A. D. Dhawale
Mr. M. S. Shinde
Mr. G. B. Aochar
Ms. S. R. Khade
Mrs. N. S. Gore
Ms. S. A. Sapkal
Ms. S. S. Mane
Ms. R. H. Shende
Ms. P. M. Patil
Mrs. P. S. Randive
Mrs. C. Y. Vakte
Mrs. A. A. Shahbad
Mrs. S. T. Chavan

Technical Support Staff

Mr. P. V. Raut
Dr. (Ms.) V. H. Kamble
Mr. L. J. Parande
Mr. H. G. Muknak

Registration Link

https://forms.gle/7w4Y3EffRdp9m8WB7

Upload Link for Doc Format Papers

https://forms.gle/uCdKeXpK4akJhXgK7

About the College

Modern Education Society is established in 1932 with the motto "For the Spread of Light". M.E.S. Wadia College of Engineering established in 1999 and situated in the heart of Pune city, offers engineering degree courses in Computer Egineering, Electronics and Telecommunication, Mechanical, Automation and Robotics. It is affiliated to Savitribai Phule Pune University, accredited by NBA and NAAC with 'A++' Grade. The college is developing fast with the vision "To Develop Motivated, Environment friendly, Self esteemed, Creative and Oriented Engineers" and the mission "To develop industry oriented manpower to accept the challenges of globalization by promoting value Education through motivated trained faculty by maintaining conducive environment for affordable cost by promoting industry institute interaction by involving Alumni".

About the Department

The Department of Computer Engineering has been taking consistent efforts since its inception in 1999 with highly qualified and energetic faculty for all round development of budding engineers for tomorrow's nation building. Department is accredited by NBA for three years . The department has intake of 180 UG and 12 PG students. This is an exciting place to study and grow where thinkers become leaders and where there is thirst for knowledge. The interaction between the students and professors immensely enriches the educational experience. The department is well equipped with state-of-the-art infrastructure android advance laboratories. Many staff members have completed Ph. D. and a few are pursuing Ph.D. in various streams of Computer Engineering to strengthen Research & Development and to leverage research aptitude of students.

Call for Paper

The 11th National Conference on "Recent Advances in Computer Engineering" [RACE-2024] is the premier forum for presentation of new advances and research results in the field of Computer Engineering. The conference will also spark innovative ideas, foster research relations or partnerships between the various institutions and build a strong research and development community. The conference will bring together researchers, engineers and scientists in their domain of interest from variety of disciplines such as Computer, Information Technology and Electronics & Telecommunication.

Topics of interest include but not limited to

- Artificial Intelligence and Machine Learning
- Deep Learning
- Image and Pattern Recognition
- Computer Vision
- Video Surveillance and Scene Analysis
- Cryptography and Network Security
- Image and Video Security
- Graphics, Animation and Virtual reality
- Cloud Computing
- Fuzzy Systems/Neural Network
- IT/ITES Innovation idea
- Mobile Communication and Networks
- Intelligent Communication Systems
- Wireless Sensor Networking
- GPS and Applications
- Information and Coding Techniques Signal
- Biometrics /Audio and Video Processing
- Robotics and Automation

Best Paper Award

For each track best paper will be selected from the presented papers.

Paper Format

All manuscripts should be strictly in MS Word, limited to 6 pages.
For template, visit
https://mescoe.mespune.org/race/

Paper Publication

All papers will be published in RACE 2024 Conference proceedings bearing ISSN: 2347-3649 .
Selected quality papers will be published in UGC-CARE Listed Group 1 Journals without additional Fee :

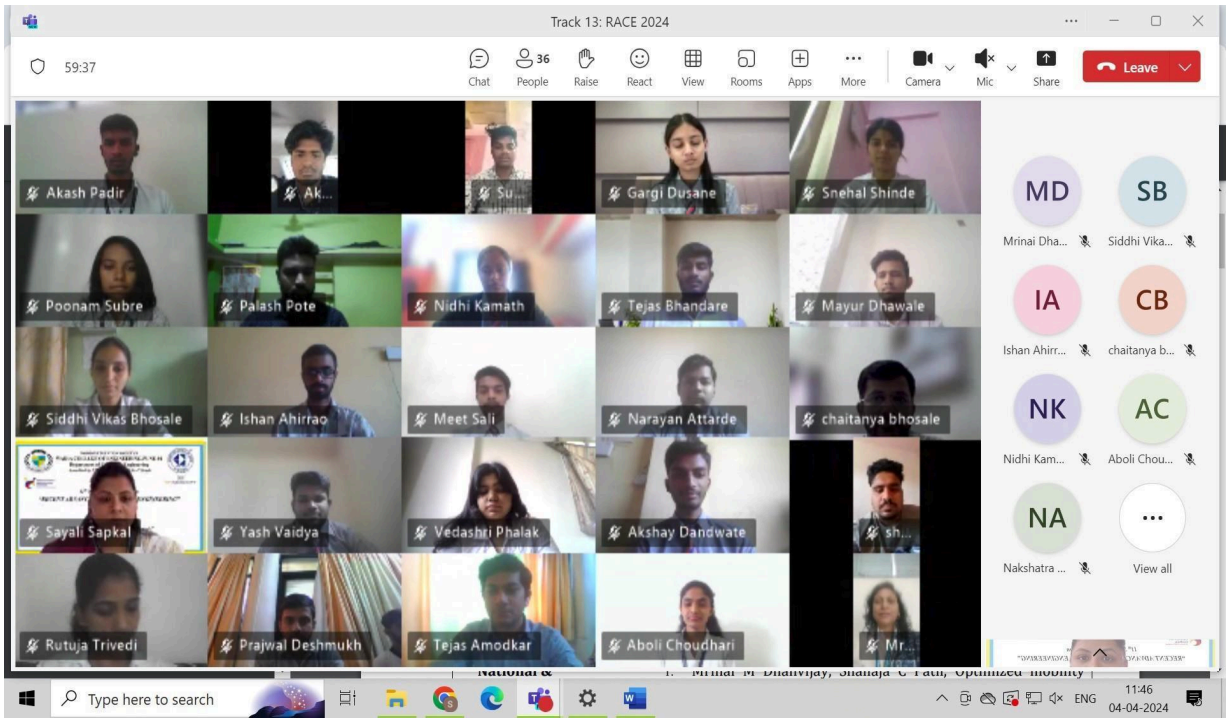
- ICTACT Journal on Image and Video Processing
- ICTACT Journal on Soft Computing
- ICTACT Journal on Communication Technology

Photos: Inaugural Function

MODERN EDUCATION SOCIETY'S
WADIA COLLEGE OF ENGINEERING,PUNE-01
Department of Computer Engineering
Accredited by NBA and NAAC with "A++" Grade
11th National Conference on
"RECENT ADVANCES IN COMPUTER ENGINEERING"
[RACE-2024]
In association with
"CSI Pune Chapter & ICTACT Journals"
Date: 04th - 05th April 2024
ICTACADEMY
GPS Map Camera
Pune,MH,India
Mangaldas Road, Wadia College Area, Pune, 411001, MH, India
Lat 18.534734, Long 73.880195
04/05/2024 11:18 AM GMT+05:30
Note : Captured by GPS Map Camera

MODERN EDUCATION SOCIETY'S
WADIA COLLEGE OF ENGINEERING,PUNE-01
Department of Computer Engineering
Accredited by NBA and NAAC with "A++" Grade
ICTACADEMY
[RACE-2024]
GPS Map Camera
Pune,MH,India
Mangaldas Road, Bund Garden, Pune, 411001, MH, India
Lat 18.534997, Long 73.880712
04/05/2024 11:44 AM GMT+05:30
Note : Captured by GPS Map Camera

Offline Session Photograph



Online Session Photograph

[RACE 2023 Organizing Committee]

IIC MESCOE has successfully organized the following activities:

Sr. No.	Name of the Activity	Date	Speaker with affiliation	Speaker Information
1	IOT-Manufacturing to Marketing	24/08/2023	Ms Isha Ostwal,	(Jai Surgicals & Pharmaceuticals, National Co-convenor,JIIF-IEC
2	The art of Networking for Success	30/08/2023	Ms Isha Ostwal,	(Jai Surgicals & Pharmaceuticals, National Co-convenor,JIIF-IEC)

3	My success motivational session by successful innovator	24/11/2023	Mr. Sumeth Gite	Mr. Sumeth Gite .
4	Nationa Startup Day Celebration	30/01/2023	Mr. Bhushan Gaikwad,	Founder and CEO, Engineers Connect
5	Workshop conducted under IIC Innovation on IIC Calender activity "Design Thinking, Critical thinking and Innovation Design"	15/02/204	Mr. Amandeep Singh,	Founder of BK3 Studio
6	IIC Innovation Self Driven Activity related to "Life of ERP Consutant"	14/02/2024	Mr. Sumanjeet,	ERP Consultant

1. **IIC Report**

1. Title of the Event: Internet of Things-Manufacturing to Marketing
2. Academic Year:2023-2024
3. Quarter: III
4. Program/ Activity Name (as mention on IIC Calendar):Internet of Things
5. Program Driven By: IIC Cactivity
6. Program Type: Expert Talk
7. Program Theme: Innovation

8. Start Date: 24th August 2023 End Date:- 24th August 2023

9. Total Duration: 2 hours

10. Number of Participants:53

11. Total Expenditure: Rs.3000/-

11. Mode of session delivery: Offline Mode

Overview:

a) Objective:

To adopt IoT enables manufacturing units to automate their processes

To grow demand for industrial automation in Manufacturing Industry

b) Summary report of the activity: MESCOE -IIC Innovation organized an offline session on Internet of Things -Manufacturers, innovations in IoT, Challenges in Manufacturing to Marketing in IoT industry

Name of activity Coordinator: - Dr. Mrs. J.R.Pansare

Name of Speaker: Mr. Vedant Mane

Name of Faculty Coordinator: - 1.Prof. P.S.Randive 2. Prof. C.Y.Vakte

Name of Student Coordinators: -

Name of Star performer of this activity: -

Name of Faculty 1. Prof. P.S.Randive 2. Prof. C.Y.Vakte

2.IIC Report

A. Title of the Event: “The art of Networking for Success”

B. Academic Year: 2023-2024

C. Activity Name : Session on **“The art of Networking for Success”** by Ms. Isha Ostwal

D. Program Driven By: IIC Self Driven Activity

E. Program Type: Startup

F. Program Theme: Startup

- Start Date: 30th Aug 2023 End Date: 30th Aug 2023
- Total Duration: 120 minutes
- Number of Participants: Total- 65 MESCOE Student-61 MESCOE Faculty-04

Overview:

- Objective:Building your network is a key component to the ongoing success of your startup. Starting a business is always going to be a difficult endeavor that requires a large number of factors to go in your favor.

  If you've ever started your own business, you likely know how difficult it can be to start networking when you lack the networking experience.

  While networking can be difficult if you don't know what you're doing, it's highly valuable for any business and could be essential to the success of your startup.

- Many startup have found their first successes through the network connections and referrals that they've built, which has allowed them to minimize the risk of failure.

- Building your network is a key component to the ongoing success of your startup, which means that you should focus your efforts on fostering a Community support through your peers and the surrounding business community.

- While you might be able to create the first elements of a business without a strong network, one of the major ways to build a sustainable and long-lasting successful business is by networking.

- Outcome in terms of Learning/ Skill/ knowledge obtained: Networking can go a long way for your startup and may even be exactly what your startup needs to find success! In terms of Finding New Business & Referrals Partnership Opportunities,Find Mentorship & Support,Gaining Feedback & Ideas,Increased Access to Business Resources

- **Summary report of the activity:**

  The speaker, Ms. Isha Ostwal Director at Jai Surgicals & Pharmaceuticals, National Co-convenor,JIIF-IEC, she guided students about importance of networking in a start-up business different kinds of networking advantageous to grow in a business, rules of

networking, she organized role plays for demonstration how networking can be powerful finally she talked about importance active listening and how your personal and professional life grows through the networking.At the end of the session Ms. Isha Ostwal answered all the questions asked by participants.

- **Name of activity Convenor**: Dr. Miss R. M. Wahul
- **Name of Faculty Coordinators**: Ms. B. F. More

3.IIC report

A) Title: My success motivational session by successful innovator

B) Academic Year:2023-2024

C) Quarter: III

D) Program/ Activity Name (as mention on IIC Calendar): Motivational session.

E) Program Driven By: IIC Calendar Activity

F) Program Type: Success Story

G) Program Theme: Innovation

H) Start Date: 24th Nov 2023 End Date:- 24th Nov 2023

I) Total Duration: 1 hours

J) Number of Participants: MESCOE Student- 59 MESCOE Faculty- 3 External Participant Student - 00 External Participant Faculty -00

K) Total Expenditure:

L) Mode of session delivery: Offline Mode

M) Sponsorship Details (if any): NIL Overview:

a) Objective:

To Motivate the Student by providing the knowledge about new innovations and the research Presentation by representer of The Green Space on new innovations and sustainable development by using upgraded plastic .

b) Outcome in terms of Learning/ Skill/ knowledge obtained: - Students learnt diversified aspects of innovations and the importance of patents.

c) Summary report of the activity: MESCOE -IIC Innovation organized an offline presentation on Business Plan on My success motivational session by successful innovators 24th November at 9 am under IIC Innovation. The guest of Honour was eminent and External Judge Mr. Sumeth Gite .

d) The outcome of the session :

- Green space is an organization which deals with climate changes by creating innovative products.
- to overcome these problems the Green Space has derived a new way to reuse the plastic by compressing the plastic at high temperature
- This increases the Strength, Durability and reduces the cost of plastic by almost 40% which is also fire resistant ,anti termite , paintable and recyclable

Name of activity Coordinator: - Dr.Mrs. J.R.Pansare

Name of Guest (External Judge): Mr. Sumeth Gite.

Name of Faculty Coordinator: - 1.Prof.P.S.Randive 2. Prof. C.Y.Vakte

Name of Student Coordinators: 1 . Virendra Patil 2 . Shriniwas Gavhane 3.Sonali Choudhri 4. Neha Lakhdive

e) Name of Star performer of this activity: Name of Faculty1. .

1.Prof.P.S.Randive 2. Prof. C.Y.Vakte Name of Student: . Neha Lakhdive

PROJECT COMPETITION 2024 Report:

PROJECT COMPETITION Wednesday, 6th April 2024 organized by *Department of Computer*

*Engineering***.** The project competition provides an excellent opportunity to the students to showcase their talent, research orientation and untapped potential. The goal of this competition is to prepare the future generation of engineers not only problem solvers but to be innovative leaders and responsible citizens. The student deserves recognition of the amount of hard work done for the project. This year Department of Computer Engineering, MESCOE has organized project competition for BE students on 6th April 2024.

Outcomes of Project Competition

Student will be able

1. To understand best practices and demonstration of diverse project, new innovations, etc.

2. To provide an excellent opportunity to the students to showcase their talent, research orientation and untapped potential.

3. To develop presentation and communication skills and to work in teams.

Project Competition Organizing Team

Convenors: Dr. N. F. Shaikh (HoD, Comp)

Department Project Coordinators: Dr. S. P. Deore

Prof. S. S. Raskar

Prof. P. M. Patil

Project Competition 2023 Details

No. of Registered groups - 90

No. of participated groups - 73

Judges Information:

Sr.No.	Name of Judge	Name of College
1	Mr.Sandeep Dange	(i20 Retail,Senior Team Lead) (9665186733)
2	Mr.Prasad Tarte	(SOLUTION ARCHITECT Dassault Systemes) (9096894404)
3	Ms. Nabha Inamdar	(EPAM System ,Senior Data Engineer) 8793275908
4	Mr. Deepak Patil	(Citrix System Pvt Ltd, Senior Member Technical Staff) 9096546805
5	Ms. Apeksha Alhat	(Citibank , Senior Software Engineer) 7020489201

Project winners Information:

Sr. No.	Title of Project	Student Name

1	Solar Energy Generation Estimation with Integrated Weather Forecasting	Sahil Naik Sohan Chidrawar Supreet Birajdar Anjali Pardeshi (Winner)
2	Real-Time Sign Language Conversion to Audio and Vice Versa.	Dakshesh Gandhe,Aniruddha Ramane , Pranay Mokar Marathwada Mitra Mandal's College of Engineering (Runner-up)
3	-River Pollution Detection and Quantification with Aerial Imagery -Serverless Machine Learning Workflow using Kubeflow	Yash Vyavahare, Tanmayee Mali, Lilavati Mhaske, Sayali Patil AISSMS IOIT Adnan Niyajoddin Dakhani Aditya Ganesh Shinde Khushi Vipul Vikam(1st Runner-up)

Photos:

Project Competition 2024 Judges

[Project Competition 2024]

Department Report Coordinator	**HoD**
Prof. S.S.Raskar/ Prof. R.H.Shende	Dr.(Mrs.) N. F. Shaikh