



**Mahatma Education Society's**

**Pillai HOC College of Engineering and Technology,  
Rasayani**

# **ANNUAL REPORT**

**Academic Year 2022-23**



## From The Principal's Desk



We the faculty, staff and students of the Pillai HOC College of Engineering & Technology aim to become a leading Engineering College for Quality Education and Research in Engineering. The infrastructure with the state of art library, communication skill lab, computing facilities, laboratories, campus amenities and a team of the competent faculty are ready to contribute to the suitable environment for the development of the Young Brain into Bright Professionals. The teaching and learning process at Pillai HOC College of Engineering & Technology is designed to produce right combination of skills, knowledge and attitude while the emphasis is to be placed on understanding of basic concepts and fundamentals in each course, the student will also be encouraged to think across different subjects in interdisciplinary and multidisciplinary term through problem-based learning, group projects and hobby club activities. The institution's campus provides a unique environment to the students that promotes culture, art, sports, and human values. Various students' societies will provide a platform for several competitive extracurricular activities promoting individual and teamwork skills. We sincerely believe in developing the required capability, quality, and competence in our students that will make them create the value of their organization, society, nation and entire mankind through green and sustainable ways of development. Thanks to the extraordinary leadership of incumbent chairman and his closely guarded virtues of practicing angel from a social angel. As the Principal of this outstanding institution, it is my pleasure and honor to invite you to be a part of mission, vision and contribute to the development of this region and our great nation with devotion, dedication, and discipline.

Wishing students a bright future.



## **Introduction**

### **Vision & Mission**

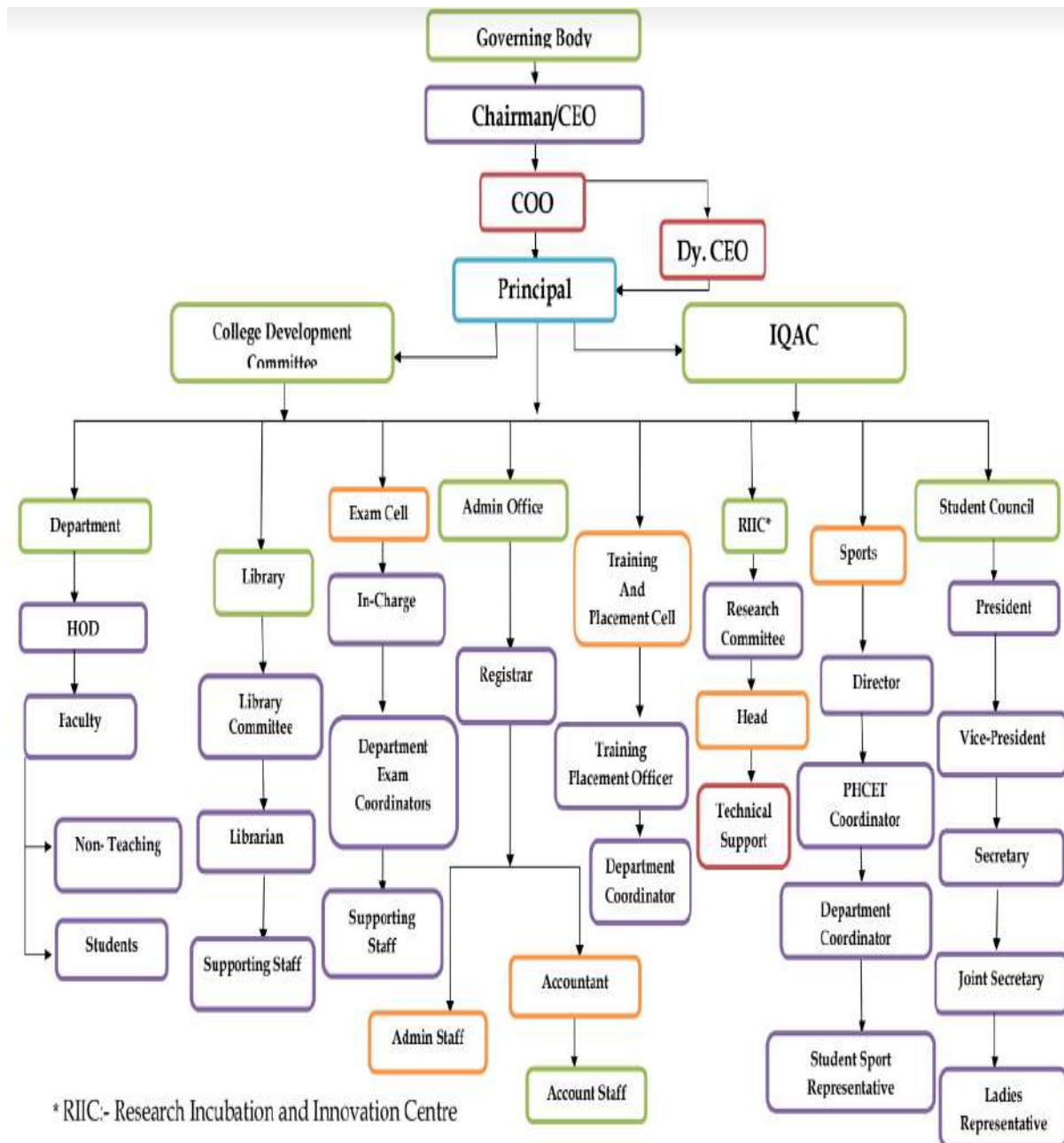
#### **Vision**

Pillai HOC College of Engineering and Technology will admit, educate and train for engineering graduation a diverse population of students who are academically prepared to benefit from the Institute's infrastructure and experience to become responsible professionals in a technical arena. It will further attract, develop and retain, dedicated, excellent teachers, scholars and professionals from diverse backgrounds whose work gives them visibility beyond the classroom and who are committed to making a significant difference in the lives of their students and the community.

#### **Mission**

To develop professional engineers with respect for the environment and make them responsible citizens in technical development both from an Indian and global perspective. This objective is fulfilled through quality education, practical training and interaction with industries and social organizations.

## Organization Structure



\* RIIC:- Research Incubation and Innovation Centre

\* IQAC:- Internal Quality Assurance Cell



## Board of Governance

Name of Governing Council Member	Designation
Dr. K.M. Vasudevan Pillai	Chairman & CEO MES
Dr. (Mrs) Daphne Pillai	Secretary, MES & Chairperson. Management Board
Dr. Priam V. Pillai	Chief Operating Officer, MES & Member Management Board
Mr. Franav V. Pillai	Member Management Board
Prof. Munawira Pillai	Member Management Board
AICTE Representative	Regional Officer, Western Region. (AICTE Nominee)
DTE Representative	DTE, Maharashtra State Nominee
University Representative	University of Mumbai Nominee
Dr. M. Sasikumar	Director, C-DAC, Mumbai
Dr. Bernard Menezes	Scientist & Educationist, IIT Bombay
Dr. Pramod Sadarjoshi	Senior Director, APACHCM Strategy & Transformation Oracle India Pvt. Ltd., Mumbai
Mr. Tushar Pradhan	Chief Investment Officer, HSBC, Fort, Mumbai
Mr. Sanjay Bishnoi	Vice President, HR, JSW Steel Ltd
Mr. Satish Shetty	President Taloja Industrial Association
Mr. Maruti Pawar	Managing Director, Amptronics Techno Pvt. Ltd.
Mr. Hitesh Modi	Director, Jaydee Electronics Pvt. Ltd.
Dr. Sudnya M. Mahimkar	Ex-Officio Member, Principal PICA
Dr. Chandran	Ex-Officio Member, Director, PIMSR
Dr. Pradip Chatterjee	Ex-Officio Member, Director PHIMSR
Prof. Suchita Sayaji	Ex-Officio Member, Principal, PHCOA
Prof. Amar Mange	Ex-Officio Member, Principal PHP
Dr. Lata Menon	Ex-Officio Member, Principal PHCASC & Dy.CEO,Pillai HOCL Educational Campus
Dr. Gajanan Pandit Wader	Ex-Officio Member, Principal PCACS, New Panvel
Prof. A.N. Kutty	Member,Vice-Principal PCACS, New Panvel
Dr. P.S. Goyal	Special Invitee, Dean PCE
Dr. Nivedita Shreyans	Member, Chief Public Relations Officer, MES
Prof. Pragnesh N. Shah	Member, Director Administration, MES
Dr. Jagdish Wasudeorao Bakal	Member Secretary, Principal PHCET



## College Development Committee Members

Name of the Member	Status of Committee Member
Dr. K.M. Vasudevan Pillai	Chairman
Dr. (Mrs) Daphne Pillai	Member
Dr. Gajendra Patil	Member Secretary
Dr. Manvendra Vashitha	Member
Mr. Kartik Nagarajan	Member
Ms. Neha Nair	Member
Ms. Mansi Subhedar	Member
Mr. Sameer Dhabolkar	Member
Mr. Pradnesh Shah	Member
Ms. Smedha Sarkar	Member
Mr. Dileep More	Member
Dr. Mathew T.J.	Member
Mr. Jitendra Singh Rao	Member
Mr. Pranav Kumbhar	Member

## Anti-Ragging Committee Members

Name of the Member	Status of Committee Member
Dr. J.W. Bakal	Chairperson
Dr. M. D. Nadar	Member
Mr. R. D. More	Member
Mr. Raju Narwade	Member
Ms. Neha Shivhare	Member
Ms. Ekta Ukey	Member
Dr. Avinash Gatade	Member



Ms. Rohini Bhosale	Member
Mr. Upendra Patil	Member
Mr. Satish U	Member
Mr. Karthik Nagrajan	Member
Mr. Rakesh Thakur	Member
Ms. Aditya Dhangar	Member - Male Student
Mr. Mokal Dhanashri	Member - Female Student
Mr. Vedant Tare	Member - Female Student
Mr.Suhas Uthale	Member Secretary

### Anti-Ragging Committee Squad

Name of the Member	Status of Committee Member
Ms. Rohini Bhosale	Member
Mr. Upendra Patil	Member
Mr. Satish Uthale	Member
Mr. Raju Narwade	Member
Mr. Pradeep Shinde	Member

### Students Grievance Redressal Committee

Name of the Member	Status of Committee Member
Dr. J.W. Bakal	Chairperson (Principal)
Dr. Manvendra Vashistha	Member
Dr. Mansi Subhedar	Member
Ms. Pranita Chavan	Member
Ms. Rohini Bhosale	Secretary

### Internal Complaints Committee /Anti Sexual Harassment Committee

Name of the Member	Status of Committee Member
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Dr. Shilpa Kewate	Chairperson
Dr. Divya Y. Chirayil	Member
Mr. Asokan Selvaraj	Member
Ms. Manisha Jamgade	Ph.D. Scholar
Ms. Sheetal Butle	Non-Teaching Staff Member
Ms. Ramsha Beg	U.G Student Member
Ms. Shubhangi Kundekar	Class IV Women Employee Representative
Ms. Celina Joy	NGO Member
Ms. Rohini Bhosale	Member Secretary

### Prevention of Atrocities to SC/ST Committee

Name of the Member	Status of Committee Member
Mr. Vivek Meshram	Chairperson
Dr. Avinash Kamble	Secretary
Mr. Nilesh Raut	Member
Ms. Snehal Shinde	Member
Mr. Manish Mane	Member
Mr. Rohan Lokhande	Member: Male Students Representative
Ms. Mohini Khartmol	Member: Female Students Representative

### Internal Quality Assurance Cell

Name of the Member	Status of Committee Member
Dr. J.W. Bakal	Chairperson
Dr. Lata Menon	Management Representative
Mr. Pragnesh Shah	Management Representative
Mr. Shirish Mayekar, Registrar, PHCET	Administrative Officer





Ms. Sheena Nair, Accountant, PHCET	Administrative Officer
Dr. Mansi Subhedar, Head, Department of ECS Engineering	IQAC Coordinator
MS. Munavira Kotyad, Senior Faculty	Faculty Members
Dr. Gajendra Patil, HOD, Mechanical Engineering	Faculty Members
Dr. Manvendra Vashistha, HOD, Department of ASH	Faculty Members
Dr. Divya Chirayil, HOD IT	Faculty Members
Mr. Raju Narwade, HOD, Civil Engineering	Faculty Members
Ms. Pranita Chavan, HOD, Electrical Engineering	Faculty Members
Ms. Rohini Bhosale, HOD, Computer Engineering	Faculty Members
Mr. Amar Jadhav, Exam Incharge	Faculty Members
Mr. Amar Mane, Library I/C	Faculty Members
Ms. Divya Nair, TPO I/C	Faculty Members
Dr. B. K. Sarkar- I/C Pillai Research and Incubation centre	Faculty Members
Dr. Avinash Gatade, Member, Gram Panchayat, Sawale Village	Local Society
Mr. Abhijit Shinde	Alumni Representative
Mr. Aanant Kumar Badhwar	Parents Representative
Vedant Sawant	Students Representative
Mr. Rajkumar Kasilingam	Industry Representative

**Contact Details of Principal and HoDs:**

I	Name and Address of the Institute	Pillai HOC College of Engineering and Technology, Raigad, Via Panvel, Rasayani, Taluka - Khalapur Dist. Raigad, 410 207, Maharashtra, India
	Year of Establishment	2009-2010
	Name of the Head of the Institute	Dr. Jagdish .W.Bakal
	Contact Details:	
	i. Tel. No. (O)	02192 - 669000 / 669001 / 669003 Extn: 145
	ii. Whatsapp:	9820723812
	iii. E-mail	<a href="mailto:principal.phcet@mes.ac.in">principal.phcet@mes.ac.in</a>
	iv. Website	<a href="http://www.phcet.ac.in">www.phcet.ac.in</a>
1	Name of the Department	Automobile Engineering
	Year of Establishment	2013-2014
	Name of the Head of the	Prof. Amar Jadhav
	Tel. No. (O)	02192 669000 / 669001 / 669003 Extn: 148
	E-mail	<a href="mailto:aajadhav@mes.ac.in">aajadhav@mes.ac.in</a>
	Website	<a href="https://phcet.ac.in/academics/bachelors/automobile-engineering/program-overview/">https://phcet.ac.in/academics/bachelors/automobile-engineering/program-overview/</a>
2	Name of the Department	Civil Engineering
	Year of Establishment	2010-2011
	Name of the Head of the	Mr. Raju Narwade
	Tel. No. (O)	02192 669000 / 669001 / 669003 Extn: 156
	E-mail	<a href="mailto:rnarwade@mes.ac.in">rnarwade@mes.ac.in</a>
	Website	<a href="https://phcet.ac.in/academics/bachelors/civil-engineering/program-overview/">https://phcet.ac.in/academics/bachelors/civil-engineering/program-overview/</a>
3	Name of the Department	Computer Engineering
	Year of Establishment	2009-2010
	Name of the Head of the	Ms. Rohini Bhosale
	Tel. No. (O)	02192-669000 / 669001 / 669003 Extn: 169
	E-mail	<a href="mailto:rbhosale@mes.ac.in">rbhosale@mes.ac.in</a>
	Website	<a href="https://phcet.ac.in/academics/bachelors/computer-engineering/program-overview/">https://phcet.ac.in/academics/bachelors/computer-engineering/program-overview/</a>
4	Name of the Department	Electrical Engineering



	Year of Establishment	2014-2015
	Name of the Head of the	Prof. Pranita Chavan
	Tel. No. (O)	02192- 669000 / 669001 / 669003 Extn: 185
	E-mail	<a href="mailto:Pranitachavan@mes.ac.in">Pranitachavan@mes.ac.in</a>
	Website	<a href="https://phcet.ac.in/academics/bachelors/electrical-engineering/program-overview/">https://phcet.ac.in/academics/bachelors/electrical-engineering/program-overview/</a>
5	Name of the Department	Electronics and Computer Science
	Year of Establishment	2009-2010
	Name of the Head of the	Dr. Mansi Subhedar
	Tel. No. (O)	02192 669000 / 669001 / 669003 Extn: 183
	E-mail	<a href="mailto:msubhedar@mes.ac.in">msubhedar@mes.ac.in</a>
	Website	<a href="https://phcet.ac.in/academics/bachelors/electronics-and-telecommunication-engineering/program-overview/">https://phcet.ac.in/academics/bachelors/electronics-and-telecommunication-engineering/program-overview/</a>
6	Name of the Department	Information Technology
	Year of Establishment	2009-2010
	Name of the Head of the	Dr. Divya Y. Chirayil
	Tel. No. (O)	02192 669000 / 669001 / 669003 Extn: 154
	E-mail	<a href="mailto:dchirayil@mes.ac.in">dchirayil@mes.ac.in</a>
	Website	<a href="https://phcet.ac.in/academics/bachelors/information-technology/program-overview/">https://phcet.ac.in/academics/bachelors/information-technology/program-overview/</a>
7	Name of the Department	Mechanical Engineering
	Year of Establishment	2009-2010
	Name of the Head of the	Dr. Gajendra. V. Patil
	Tel. No. (O)	02192-669000 / 669001 / 669003 Extn: 168
	E-mail	<a href="mailto:gpatil@mes.ac.in">gpatil@mes.ac.in</a>
	Website	<a href="http://www.phcet.ac.in/departments/mechanicalengineering.asp">http://www.phcet.ac.in/departments/mechanicalengineering.asp</a>
8	Name of the Department	Applied Sciences & Humanities
	Year of Establishment	2009-2010
	Name of the Head of the	Dr. Manvendra Vashistha
	Tel. No. (O)	02192-669000 / 669001 / 669003 Extn: 184
	E-mail	<a href="mailto:manvendrav@mes.ac.in">manvendrav@mes.ac.in</a>
	Website	<a href="http://www.phcet.ac.in">www.phcet.ac.in</a>

**Intake Capacity**

Name of the Degree Programme	Intake capacity for		
	UG	PG	Ph.D.
Civil Engineering	120	24	10
Computer Engineering	180	12	10
Electrical Engineering	60	-	-
Electronics and Computer Science	60	-	-
Information Technology	60	-	-
Mechanical Engineering	90	12	Nil
Electronics and Telecommunication Engineering	Nil	12	Nil

**1. Details of the Admissions**

Degree Programme	Name of the Programme	Year wise				
		Year I	Year II	Year III	Year IV	Total
UG	CIVIL	15	82	96	130	317
UG	COMP	180	143	134	141	598
UG	ELEC	21	39	67	49	176
UG	ECS/ EXTC	63	68	26	9	166
UG	IT	60	68	69	71	268
UG	MECH	17	43	68	113	241
PG	CIVIL	24	16	NA	NA	40
PG	COMP	4	1	NA	NA	05
PG	EXTC	0	1	NA	NA	01
PG	MECH	1	1	NA	NA	02

**2. Details of the Faculty Members**



<b>Sr. No.</b>	<b>DEPT.</b>	<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Date of Appointment</b>
1	COMP	Dr. J. W. Bakal	Ph.D.	Professor and Principal	30-09-2021
2	CIVIL	Dr. Amit Dasgupta	Ph.D., M.Sc.	Professor	07.02.2018
3	CIVIL	Dr. Vinay Nikam	Ph.D., M.Tech.	Professor	01.06.2018
4	CIVIL	Dr. G.R. Patil	Ph.D., M.E.	Professor	09.08.2021
5	CIVIL	Dr. Shilpa Kewate	Ph.D., M.E.	Associate Professor	24.05.2019
6	CIVIL	Dr. Karthik Nagarajan	Ph.D., M.E.	Associate Professor	11.10.2010
7	CIVIL	Ms. Manisha Jamgade	M.Tech., Ph.D Registered	Associate Professor	11.07.2012
8	CIVIL	Mr. Raju Narwade	M.E., Ph.D. Registered	Associate Professor	07.07.2012
9	CIVIL	Ms. Madhulika Sinha	M.Tech., Ph.D Registered	Assistant Professor	11.07.2012
10	CIVIL	Mr. Anwarul Haque Sayed	M.E., Ph.D. Registered	Assistant Professor	24.08.2015
11	CIVIL	Ms. Apurva Deshpande	M.Tech.	Assistant Professor	05.07.2016
12	CIVIL	Mr. Manish Mane	M.Tech.	Assistant Professor	20.06.2016
13	CIVIL	Ms. Ashwini P.	M.Tech., Ph.D Registered	Assistant Professor	05.12.2016
14	CIVIL	Mr. Shivraj Patil	M.Tech., Ph.D Registered	Assistant Professor	01.07.2019
15	CIVIL	Ms. Smitha J.S	M.E., Ph.D. Registered	Assistant Professor	14.09.2015
16	CIVIL	Mr. Prashant Singh	M.Tech.	Assistant Professor	13.12.2021
17	CIVIL	Ms. Pradnya Rane	M.E.	Assistant Professor	02.09.2019
18	CIVIL	Mr. Chaitanya Khaire	M.E.	Assistant Professor	01.07.2019
19	CIVIL	Ms. Swati Mhaskar	M.E.	Assistant Professor	01.07.2019
20	CIVIL	Mr. Aniket Dumbre	M.E.	Assistant Professor	01.07.2020
21	CIVIL	Mr. Arjun Satish Deshmukh	M.E.	Assistant Professor	01.07.2019
22	CIVIL	Mr. Hardik Panchal	M.Tech.	Assistant Professor	01.07.2020



23	CIVIL	Mr. Shivaji Madhukar Sarvade	M.Tech.	Assistant Professor	20.12.2021
24	COMP	Dr. Reena Singh	Ph.D.	Associate Professor	30.08.2021
25	COMP	Dr. Sumit Bhattacharjee	Ph.D.	Associate Professor	01.07.2021
26	COMP	Ms. Munawira Kotyad	M.S., Ph.D. Registered	Associate Professor	11.01.2016
27	COMP	Ms. Rohini Bhosale	M.E., Ph.D. Registered	Associate Professor	09.01.2013
28	COMP	Dr. Mansi S. Subhedar	Ph.D., M.E.	Associate Professor	16.07.2012
29	COMP	Dr. Neha Shivhare	Ph.D., M.Tech.	Associate Professor	10.08.2010
30	COMP	Ms. Ekta Ukey	M.Tech., Ph.D Registered	Associate Professor	01.07.2011
31	COMP	Mr. Rahul Kapse	M.E., Ph.D Registered	Associate Professor	02.08.2010
32	COMP	Ms. Srijita Bhattacharjee	M.Tech., Ph.D Registered	Associate Professor	02.01.2013
33	COMP	Dr. Rajashree Gadhave	Ph.D.	Associate Professor	22.07.2014
34	COMP	Mr. Anish Pillai	M.E.	Assistant Professor	01.08.2009
35	COMP	Ms. Archana Augustine	M.Tech., B.E.	Assistant Professor	01.08.2013
36	COMP	Ms. Snehal Shinde	M.E.	Assistant Professor	26.08.2013
37	COMP	Mr. Abhijeet More	M.E.	Assistant Professor	24.08.2015
38	COMP	Ms. Shrutika Khobragade	M.E.	Assistant Professor	01.02.2021
39	COMP	Ms. Snehal Chitale	M.E.	Assistant Professor	01.02.2021
40	COMP	Ms.Dhanashri Bhopatrao	M.E.	Assistant Professor	01.02.2022
41	COMP	Ms. Dipti Patil	M.E.	Assistant Professor	01.02.2022
42	COMP	Ms. Akanksha Patil	M.E.	Assistant Professor	01.02.2022
43	COMP	Ms. Suchita Walke	M.Tech., Ph.D Registered	Assistant Professor	17.02.2022
44	COMP	Ms. Nikita Sandhane	M.E.	Assistant Professor	15.02.2022
45	COMP	Ms. Prajakta Pote	M.E.	Assistant Professor	15.02.2022
46	COMP	Ms. Pradnya Patil	M.E.	Assistant Professor	02.02.2023



47	ELEC	Ms. Pranita Chavan	M.E., Ph.D. Registered	Assistant Professor	01.07.2017
48	ELEC	Mr. R.D. More	M.E.	Assistant Professor	10.08.2015
49	ELEC	Mr. Kiran Inamdar	M.E.	Assistant Professor	26.08.2009
50	ELEC	Ms. Sangeetha Rajagopal	M.E.	Assistant Professor	22.07.2013
51	ELEC	Mr. Aamir Shaikh	M.E., Ph.D. Registered	Assistant Professor	02.01.2013
52	ELEC	Ms. Sajid K. Shaikh	M.E.	Assistant Professor	11.11.2015
53	ELEC	Ms. Sanobar Naaz Shaikh	M.E.	Assistant Professor	04.01.2016
54	ELEC	Ms. Supriya Shigwan	M.E.	Assistant Professor	13.08.2013
55	ELEC	Ms.Lakshmi C R	M.Tech.	Assistant Professor	23.01.2017
56	ELEC	Mr. Asokan S.	M.E., Ph.D. Registered	Assistant Professor	29.05.2009
57	ELEC	Ms.Ronita Pawn	M.Tech.	Assistant Professor	08.07.2017
58	ELEC	Ms. Ashwini Khilari	M.E.	Assistant Professor	11.01.2019
59	ELEC	Mr. Nitin Mankar	M.Sc.	Assistant Professor	01.03.2018
60	ECS	Ms. Rekha Dhawan	M. E.	Assistant Professor	04.07.2011
61	ECS	Mr. Jayesh Rane	M.E., Ph.D. Registered	Assistant Professor	10.07.2012
62	ECS	Mr. Shashikant Renushe	M.E.	Assistant Professor	04.01.2013
63	ECS	Mr. Upendra Patil	M.E.	Assistant Professor	15.07.2013
64	ECS	Mr. Narendra Devidas Dhande	M. Tech	Assistant Professor	01.07.2011
65	ECS	Ms. Priya Tambe	M.E.	Assistant Professor	04.06.2016
66	ECS	Mr. Mithun Nair	M.E.	Assistant Professor	04.08.2014
67	ECS	Ms. Pooja Shukre	M.E., Ph.D. Registered	Assistant Professor	14.07.2014
68	ECS	Ms. Darshana Wajekar	M.E.	Assistant Professor	11.01.2019
69	ECS	Mr. Sharad Shingade	M.Sc.	Assistant Professor	01.03.2018
70	ECS	Mr. Aseem Shaikh	M.Sc.	Assistant Professor	01.03.2018



71	ECS	Ms. Priyanka Sonawne	M.E.	Assistant Professor	11.01.2019
72	IT	Dr. Divya Chirayil	Ph.D., M.E.	Associate Professor	16.08.2012
73	IT	Dr. B. K. Sarkar	Ph.D., M.Tech.	Professor	09.08.2021
74	IT	Ms. Poonam Pathak	M.E.	Assistant Professor	18.08.2009
75	IT	Ms. Shamna Sadanand	M.E.	Assistant Professor	01.01.2016
76	IT	Ms. Monisha Mohan	M.E.	Assistant Professor	24.08.2015
77	IT	Ms. Rupali Sathe	M.E., Ph.D. Registered	Assistant Professor	15.07.2013
78	IT	Ms. Prachi Sorte	M.E.	Assistant Professor	28.07.2014
79	IT	Ms. Kajal Patel	M.E.	Assistant Professor	10.07.2017
80	IT	Mr. Siddhesh Khanvilkar	M.E.	Assistant Professor	26.07.2013
81	IT	Ms. Poonam Lad	M.E.	Assistant Professor	19.04.2022
82	IT	Ms. Komal Golimbade	M.E.	Assistant Professor	24.08.2015
83	IT	Ms. Trapti Soni	M.E.	Assistant Professor	08.04.2023
84	MECH	Dr. Gajendra Vasanttrao patil	Ph.D., M.E.	Professor	01.03.2019
85	MECH	Dr. Mariappan Dharmaraj Nadar	Ph.D, PGDIE	Professor	29.07.2015
86	MECH	Dr. Prasad R. C.	Ph.D, M.Tech.	Professor	27.08.2014
87	MECH	Dr. Suhas Uthale	Ph.D., M.Tech.	Associate Professor	14.07.2012
88	MECH	Mr. Shishir Kumar Kadam	M.Tech.	Associate Professor	01.08.2011
89	MECH	Mr. T. R. B. Sanjay Kumar	M.E.	Associate Professor	26.07.2012
90	MECH	Mr. Abhijit Aurangabadkar	M.Tech.	Assistant Professor	01.10.2011
91	MECH	Mr. Sunil Singh Rajput	M.E.	Assistant Professor	14.07.2014
92	MECH	Mr. Atul Jade	M.E.	Assistant Professor	04.01.2014
93	MECH	Mr. Manoj Jadhav	M.E.	Assistant Professor	04.01.2014
94	MECH	Mr. Swapnil Nawale	M.Tech.	Assistant Professor	02.09.2015





95	MECH	Mr. Rahul Wargane	M.Tech., Ph.D Registered	Associate Professor	25.07.2016
96	MECH	Mr. Wakse Datta	M.E.	Assistant Professor	28.08.2013
97	MECH	Ms. Ashwini Kadam	M.E.	Assistant Professor	28.08.2013
98	MECH	Mr. Shashi Bhushan	M.E., Ph.D. Registered	Assistant Professor	04.03.2013
99	MECH	Mr. Anish Shivrajan	M.E.	Assistant Professor	01.02.2017
100	MECH	Mr. Hemant Patil	M.E.	Assistant Professor	08.08.2016
101	MECH	Ms. Sayali Kulkarni	M.E., Ph.D. Registered	Assistant Professor	13.06.2017
102	MECH	Mr. Aditya Shinde	M.E.	Assistant Professor	19.06.2017
103	MECH	Mr. Pravin Dahalke	M.E.	Assistant Professor	15.07.2016
104	MECH	Ms. Siddhi Hatle	M.Tech.	Assistant Professor	15.07.2016
105	MECH	Mr. Prabhu Ganacharya	M.Tech.	Assistant Professor	04.01.2014
106	MECH	Mr. Amar Jadhav	Ph.D Registered, M.Tech.	Associate Professor	07.04.2014
107	MECH	Mr. Vivek Meshram	M.Tech.	Assistant Professor	04.01.2014
108	MECH	Mr. Vaibhav Bhagat	M.Tech.	Assistant Professor	15.07.2013
109	MECH	Mr. Saurabh SirsIkar	M.Tech.	Assistant Professor	15.07.2016
110	ASH	Dr. Manvendra Vashistha	Ph.D., M.Sc.	Professor	24.07.2010
111	ASH	Dr. Avinash Gatade	Ph.D., M.Sc.	Assistant Professor	19.07.2011
112	ASH	Dr. Avinash J. Kamble	Ph.D., M.Sc.	Assistant Professor	20.08.2016
113	ASH	Dr. Sarita Devi	Ph.D., M.Sc.	Assistant Professor	02.07.2018
114	ASH	Mr. Nilesh B. Raut	M.Sc., Ph.D. Registered	Assistant Professor	16.07.2013
115	ASH	Ms. Sunita Khansole	M.Sc., Ph.D. Registered	Assistant Professor	26.08.2009
116	ASH	Mr. Sanjay Ghorpade	M.Sc., Ph.D. Registered	Assistant Professor	03.09.2010
117	ASH	Mr. Sathish Umapathi	M.Sc.	Assistant Professor	11.07.2013



118	ASH	Ms. Vishakha Gajghate	M.Sc., Ph.D. Registered	Assistant Professor	11.07.2012
119	ASH	Mr. Vikram Pawar	M.A., Ph.D. Registered	Assistant Professor	14.07.2014
120	ASH	Ms. Vijaya Shelke	M.Sc.	Assistant Professor	14.07.2014
121	ASH	Mr. Jagdish Parate	M.Tech., Ph.D Registered	Assistant Professor	14.07.2014
122	ASH	Ms. Suma Podnolanna	M.A., Ph.D. Registered	Assistant Professor	14.07.2014
123	ASH	Ms. Poonam Patil	M.A.	Assistant Professor	04.09.2014
124	ASH	Ms. Shital Rithe	M.Sc.	Assistant Professor	08.07.2015
125	ASH	Ms. Harshada Pratham	M.Sc.	Assistant Professor	27.07.2017
126	ASH	Mr. Anuraj Lekurwale	M.Sc.	Assistant Professor	26.08.2009
127	AUTO	Mr. Tatyasaheb Garande	M.E.	Assistant Professor	13.08.2015
128	AUTO	Mr. Gautam Ghegadmali	M.E.	Assistant Professor	16.07.2018
129	AUTO	Mr. Suman Kumar	M.Arch.	Assistant Professor	01.03.2018

**b. Faculty with Ph. D Degree:**

Sr. No.	Dept.	Name of Faculty member
1	COMP	Dr. J. W. Bakal
2	COMP	Dr. Reena Singh
3	COMP	Dr. Sumit Bhattacharjee
4	COMP	Dr. Mansi Subhedar
5	COMP	Dr. Neha Shivhare
6	COMP	Dr. Rajashree Gadhawe
7	CIVIL	Dr. Amit Dasgupta
8	CIVIL	Dr. Shilpa Kewate
9	CIVIL	Dr. Vinay Nikam
10	CIVIL	Dr. G.R. Patil



11	CIVIL	Dr. Karthik Nagrajan
12	IT	Dr. B.K.Sarkar
13	IT	Dr. Divya Chirayil
14	MECH	Dr. Gajendra V Patil
15	MECH	Dr. M. D. Nadar
16	MECH	Dr. R.C. Prasad
17	ASH	Dr. Manvendra Vashistha
18	ASH	Dr. Avinash Gatade
19	ASH	Dr. Avinash J. Kamble
20	ASH	Dr. Sarita Devi
21	ASH	Dr. Suhas Uthale

### 3. No. of Guest Faculty invited during the year:

Sr. No	Dept	Name of the Guest Faculty	Details about position held/Distinguished nature
1	CIVIL	Mr. Prathamesh Patil	Head, Department of Civil Engineering, BCE Badlapur
2		Dr. Dauji Saha	Scientific Officer BARC
3		Mr. Sudipta Chakraborty	Infrastructural Consultant, Mumbai
4		Dr. Hemant B Dhonde	Founder/Director - C Probe Technologies
5		Mr. Shashank Rajbhoj	Deputy General Manager, AFCONS Infrastructure Ltd.
6		Dr. Ashok Khade	Managing Director, DAS Offshore
7		Mr. Santosh Naikar	Consultant, DAS Offshore
8		Dr. R.C. Prasad	Professor, Dept. of Mechanical Engg. PHCET, Rasayani
9		Dr. Pratibha Sharma,	Professor, IIT Bombay
10		Dr. Pavan Kumar Hari	Professor, IIT Bombay
11		Mr. Mahadev Sabale	Manager, TATA Power



12		Mr. Nemade S	Nikhil Comforts
13		Prof. Prashant Jain,	KJSCE, Vidyavihar
14		Dr. Pramod Sharma	Deputy Manager, Suzlon Energy, Pune
15		Dr. Sandeep Joshi	Principal, Pillai College of Engineering, Panvel
16		Mr. Kamal Pandey	Scientist/Engineer, IIRS, ISRO
17		Dr. Praveen Kumar Thakur	ISRO Scientist, IIRS, ISRO
18		Mr. Palakshi Karjigi	Ex.- Head Exploration (NV) ONGC LTD
19		Mr. Pratik Prasun	SECI, New Delhi
20		Mr. Nabodyuti Das	Research Scholar (PMRF Fellow), Department of Civil Engineering, Indian Institute of Technology Bombay
21		Prof. Ravindranadh Chowdary K	Assistant Professor in NICMAR, Hyderabad
22	<b>COMP</b>	Ms.Komal Bhoir	Senior Developer,MDS Digital Media
23		Mr. Tukaram Bhagat	Manager- Training Delivery,ICAP,Aptech Limited
24	<b>ELEC</b>	Mr.S.K.Mahajan	Principal, Tata Power Skill Development Institute, Shahad.
25		Dr.A.Amudha	Ph.D, Dean, KARPAGAM ACADEMY OF HIGHER EDUCATION (Deemed to be University), Coimbatore - 641021.
26	<b>EXTC</b>	Mr. Pankaj Raut	CEO, AjnaLensv Pvt. Ltd.
27		Mr. Kedar Ketkar	Assistant General Manager, Technova Imaging Systems, Taloja
28	<b>IT</b>	Mr. Ketan Khapre	Project Manager, Sanket Mobile and Robotics Technologies, Thane.
29		Ms. Akshyee Dhule	Software Engineer, Sanket Mobile and Robotics Technologies, Thane.
30		Mr. Harshad Dagade	Shesh Technologies
31		Mr. Sami Ahmed	Reliance Jio
32	<b>MECH</b>	Dr. Satish Verma	Professor, PCE Panvel
33		Dr. D. P. Tambuskar	Professor, PCE Panvel
34	<b>ASH</b>	Dr. Yashvant S. Patil	Professor and HoD, Shivajirao S. Jondhle College of Engineering and Technology, Asangaon, Maharashtra,



35		Mr. Asokan S	PHCET, Rasayani
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#### 4. Details of the Non-Teaching Staff

SN	Dept.	Name of the Employee	Designation
1	<b>CIVIL</b>	Yogesh Mhatre	Lab Asst.
2		Tushar Kamble	Lab Asst.
3		Mukund Gaikwad	Lab Asst.
4	<b>COMP</b>	Namrata Khandagale	Lab Asst.
5		Rani Shinde	Lab Asst.
6		Pradnya Malkar	Lab Asst.
7		Pranali Sontakke	Lab Asst.
8		Vidya Mokal	Lab Asst.
9		Namrata Mokal	Lab Asst.
10		Kiran Galgale	Lab Asst.
11	<b>ELEC</b>	Mr. Vivek Vijay	Lab Asst.
12	<b>ECS/EXTC</b>	Mr. Haresh Thakur	Lab Assistant
13		Ms. Sheetal Butle	Lab Assistant
14		Mr. Mahendra Mali	Lab Assistant
15	<b>IT</b>	Ms Dipali Sadanand Khandahar	Lab Assistant
16		Pranali Sontakke	Lab Asst.
17		Vidya Mokal	Lab Asst.
18		Mr. Sreejit	Lab Assistant
19	<b>MECH</b>	Avinash Sadashiv Lokande	Lab Assistant
20		Kalpesh Vasudev Palekar	Lab Assistant
21		Sameer Yashwantrao	Lab Assistant



22		Sunil Kamble	Lab Assistant
23		Rakesh Kashinath Thakur	Lab Assistant
24		Prashant Shantaram Kamble	Lab Assistant
25		Sunil Devram Gharat	Lab Assistant
26		Dinesh Sharma	Lab Assistant
27		Rutuja Nemane	Lab Assistant
28	ASH	Mr Shailendra Bhagat	Lab Asst.
29		Mr. Nitin Gopale	Lab Asst.

### 5. Academic Activities / State Level / National / International Level held by the Department

Sr. No.	Dept.	Title of the Conference/ Seminar/Workshop	Date and Venue	International, national or state level
1	CIVIL	Orientation Program for the Course Advanced Construction Technology	09th July 2022	National
2		Strengthopedia Quiz Competition	28th July 2022	National
3		Webinar Series on Health Assessment of Existing Nuclear Fuel Cycle Facilities and Climate Change- A Concern for Mumbai	20th August 2022	National
4		Celebration of World Green Building Week	12th September-16th September 2022	National
5		New Generation of Concrete Technology	16th September 2022	National
6		Design and Construction Aspects of Chenab Arch Bridge: A World's Highest Railway Bridge	15th October 2022	National
7		STTP on Challenges and Opportunities in Sustainable Energy Conservation, Utilization and Its Business Strategy	19th September to 24th September	National
8		PMRF Webinar series on Ultra High-Performance Concrete in association with IIT Bombay	11th February 2023	National



9		Webinar on Scope of Engineering Graduates as Techno Managers	28th January 2023	National
10		Free ISRO Sponsored Capacity Building in Space Based Disaster Management Support and Risk Reduction for Maharashtra State	20th March to 25th March, 2023	National
11		Project Competition - PRAKALP 2K23	28th April 2023	National
12	COMP	Orientation program on TECH THRIVE: Internet of Things (Chapter 1)	23.08.2022	Institute level
13		Descendants- GDSC Orientation 2022	13.09.2022	Institute level
14		Quiz Competition	19.03.2022	Institute level
15		TECH THRIVE: Internet of Things (Chapter 2) IOT hands-on	21.09.2022	Institute level
16		TECH THRIVE: Internet of Things (Chapter 2) Hackathon	03.10.2022	Institute level
17		Coding Competition -Coding Fest 2.0	04.10.2022	Institute level
18		Tech Talk -Inception: Traversing The Domains	06.10.2022	Institute level
19		Industry Visit at CETTM MTNL	11.10.2022	Institute level
20		One week ISTE approved STTP on "Insights of Data Science and Machine Learning with its Applications"	04.07.2022	Institute level
21		SE Orientation Program	25.07.2022	Institute level
22		Seminar on Design Thinking, Innovation And Startup	29.07.2022	Institute level
23		SE Mini Project Orientation Program	01.08.2022	Institute level
24		Lecture on History of Independence (Institute Level)	16.08.2022	Institute level
25		Session on ETHNOTECH-IIOP (Institute Level)	22.08.2022	Institute level
26		Workshop on Internet of Things	23.08.2022	Institute level
27		Seminar on IPR and Patent Filing	4.08.2022	Institute level
28		Workshop on Learn Blockchain 101	26.09.2022	Institute level
29		Seminar on Cyber security and Social media hacking	02.03.2023	Institute level
30		Seminar on Soft Skills for Interviews and Business Communication	09.03.2023	Institute level
31		Cyber security and Social media hacking	02.03.2023	Institute level
32	Workshop on Introduction to Industry Technologies	25.02.2023	Institute level	



33		Industrial Visit to Cyber forensic Lab	28.02.2023	Institute level	
34		THE ART OF UI/UX- DESIGNING THE FUTURE	13.03.2023	Institute level	
35	<b>ELEC</b>	Poster and Rangoli Competition	14th September, 2022	National	
36		Seminar on "How to implement design thinking in startup"	28th July 2022.	National	
37		"Webinar on Design of Solar Photovoltaic System"	1st October, 2022	National	
38		"Webinar on "Electrical Engineers: Expectations and opportunities"	13th August, 2022	National	
39		workshop on "PCB DESIGN AND FABRICATION"	17 th March 2023	National	
40		"Project Competition Urja-2K23"	11thApril, 2023	National	
41		<b>ECS</b>	"STEM Education using Internet of Things"	19th to 22 <sup>nd</sup> Jul-22	Institute level
43			Orientation Program for SE ECS (AY 2022-23)	25th July 2022	Institute level
44	Visit to Research and Incubation Center		27th July 2022	Institute level	
45	Expert Talk : Internet of Things Architecture, Protocols, Applications, Security Threats and Solutions		3rd August 2022	Institute level	
46	Workshop on 3D Printing and Laser cutting		27th July 2022	Institute level	
47	A Workshop on Pseudo code writing		1st August 2022	Institute level	
48	Aptitude Test Competition on Writing Pseudo Codes		5th August 2022	Institute level	
49	Seminar on "The Power and Potential of Metaverse"		8th August 2022	Institute level	
50	Industrial Visit to Smart Kalyan-Dombivli Development Corporation Limited		18th August 2022	Institute level	
51	Expert Talk: Development of AR and VR Technology		19th September 2022	Institute level	
52	Two days Hand on Workshop on "Design and Make Your own Printed Circuit Board"		22nd and 23rd September 2022	Institute level	
53	Seminar on "Intellectual Property Rights and Patenting"		6th October 2022	Institute level	
54	Seminar on "Goal Setting and Achievements"		11th October 2022,	Institute level	





55		One Week Faculty Development Program on Digital Circuits and Microprocessors sponsored by Wadhvani Electronics Laboratory (WEL), Department of Electrical Engineering, IIT Bombay	28th November to 2nd December 2022	Institute level
56		Merit Day Celebration	23rd January, 2023	Institute level
57		Elocution Competition	25th January,	Institute level
58		One day Hands-on Workshop on Robotics	25th January 2023	Institute level
59		Industrial Visit to GMRT, Pune	28th February 2023,	Institute level
60		One day Hands-on Workshop on Arduino Programming	6th March 2023	Institute level
61		Expert Talk on Artificial Intelligence and Machine Learning	24th March 2023	Institute level
62		Project competition on Python Programming	13th April 2023	Institute level
63	ASH	Workshop on Electrical wiring & PCB Designing	16-05-2023 to 18-05-2023	Institute level
64		Induction programme	04-11-2022 to 07-11-2022	Institute level
65		Library orientation Programme	11-11-2022	Institute level
66		Seminar on Corrective measures and future planning	08-03-2023 to 09-03-2023	Institute level
67		Workshop on Email writing and etiquets	10-03-2023	Institute level
68		Workshop on Essential of calculus	08-03-2023	Institute level
69		Seminar on Green chemistry	10-03-2023	Institute level
70		Workshop on Personal growth through respective practices	08-03-2023	Institute level
71		Seminar on Science of happiness and well being	08-03-2023	Institute level
72		Workshop on To know the basic of Maths	06-03-2023	Institute level
73		Seminar on basic human aspiration and their fulfilment	09-03-2023	Institute level
74	IT	Hands-On Workshop on Dev Mela	10-03-2023	Institute level
75		Hands-On Workshop on "Android Application	05-06-2022	Institute level
76		Hands-On Workshop on CHALK TALK ON JAVASCRIPT	12-09-2022	Institute level
77		Hands-On Workshop on Descendants-Orientation and Info Session	13-09-2022	Institute level
78		Workshop on "DJANGO"	22-09-2022	Institute level



79		Hands-On Workshop on Play Around Web	22-09-2022	Institute level
80		Hands-On Workshop on VUE.JS	22-09-2022	Institute level
81		Hands-On Workshop Inception-Traversing through Domains	06-10-2022	Institute level
82		Hands-On Workshop On Git and GitHub	11-12-2022	Institute level
83		Hands-On Workshop on Jamming with Gaming	18-12-2022	Institute level
84		Hands-On Workshop on Google Summer of Code	04-01-2023	Institute level
85		WORKSHOP ON Fundamentals of Compose with Adit Lal (GDE)	08-01-2023	Institute level
86		Hands-On Workshop on Meetup of compose community	15-01-2022	Institute level
87		Hands-On Workshop on No Code No Bugs	18-01-2023	Institute level
88		WORKSHOP ON DSA with Sami Ahmed	22-02-2023	Institute level
89	<b>MECH</b>	BIS Orientation Program	04-08-2022	Institute level
90		World Standards Day celebration in association with BIS	15-10-2022	Institute level
91		World Consumers Rights Day celebration in association with BIS	17-03-2023	Institute level
92		Training workshop on Forging process simulation	24-02-2023	Institute level
93		Inter Collegiate Project Competition MeK-TeK 2023	15-04-2023	Institute level
94		Seminar on Career opportunities in green hydrogen sector		Institute level
95		Seminar on Current trends and opportunities in piping engineering	19-04-2023	Institute level
96		International Student Olympiad 2023 in Hot Bulk Technologies	24-04-2023	Institute level
97		Seminar on Solar Energy for Sustainable Development	25-04-2023	Institute level
98		Industry sponsored & ISTE approved Six Days Short Term Training Program on "Challenges and Opportunities in Sustainable Energy Conservation, Utilization and Its Business Strategy", 19th to 24th September, 2022	19-09-2022	Institute level
99		One Day Training Program on "General Machine Servicing and Maintenance"	09-10-2022	Institute level



100		One Day Hands on Training Program on Auto Cad	13-04-2023	Institute level
101		Industrial Visit at 'Chatrapati Sahakari Sakhar Karkhana, Indapur, Pune', Center of Excellence (CoE) In Dairy Baramati, Krishi Vidyan Kendra Baramati, Indian Bio Diesel Corporation Baramati,	29-07-2022	Institute level

### 6. Particulars of Faculty participation in Seminars/Workshops/ STTP/FDP

Sr. No.	Dept.	Name of the Faculty member	Title of the Workshop	Date and Venue of the Workshop and name of the Organizer (College, University, institution etc)
1	CIVIL	Dr. Karthik Nagarajan, Dr. G. R. Patil, Dr. Shilpa Kewate, Mr. Raju Narwade, Ms. Manisha Jamgade, Ms. Madhulika Sinha, Mr. Anwarul Haque Sayed, Ms. Apurva Deshpande, Mr. Manish Mane, Ms. Ashwini P, Ms. Smitha J.S, Mr. Prashant Singh	STTP on Challenges and Opportunities in Sustainable Energy Conservation, Utilization and Its Business Strategy	19 September to 24 September, 2022, PHCET, Department of Civil Engineering, Mechanical Engineering and Electrical Engineering.
2		Dr. Karthik Nagarajan, Dr. G. R. Patil, Dr. Shilpa Kewate, Mr. Raju Narwade, Ms. Manisha Jamgade, Ms. Madhulika Sinha, Mr. Anwarul Haque Sayed, Ms. Apurva Deshpande, Mr. Manish Mane, Ms. Ashwini P, Ms. Smitha J.S, Mr. Prashant Singh	Orientation Program for the Course Advanced Construction Technology	9 July 2022, PHCET, Department of Civil Engineering,



3		Ms. Ashwini P	A Case Study on Construction of Jamalpur-Ratanpur Tunnel in Connection with Doubling Work of Eastern Railway	23rd July 2022, UltraTech
4		Ms. Manisha Jangade	One Week Faculty Development Program on "Urban Flood Risk Mitigation and Management" ,	14th – 18th November 2022, organized by Department of Civil Engineering, R. H. Sapat College of Engineering, Management Studies and Research Nashik and WATER INSTITUTE, University Visvesvaraya College of Engineering (UVCE) Bangalore University, Bengaluru,
5		Dr. Karthik Nagarajan, Dr. G. R. Patil, Dr. Shilpa Kewate, Mr. Raju Narwade, Ms. Manisha Jangade, Ms. Madhulika Sinha, Mr. Anwarul Haque Sayed, Ms. Apurva Deshpande, Mr. Manish Mane, Ms. Ashwini P, Ms. Smitha J.S, Mr. Prashant Singh	Free ISRO Sponsored Capacity Building in Space Based Disaster Management Support and Risk Reduction for Maharashtra State	20th March to 25th March 2023, PHCET, Department of Civil Engineering
6			6 day STTP on "Insights of Data Science and machine learning with its applications"	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
7		Ms.Rohini Bhosale	5Days STTP on ""SOCIAL MEDIA ANALYTICS""	02-01-2023 organized by Department of Computer Engineering in association with VESIT -IQAC , Vivekanand Education Society's Institute of Technology
8	<b>COMP</b>		orientation programme of subject "Social Media Analytics and Social Media Analytics Lab"	06-01-2023



9	Mr. Rahul Kapse	6 day STTP on "Insights of Data Science and machine learning with its applications" organized by Department of Computer Engineering and Information Technology at PHCET,Rasayani from 4th july to 9th july,2022	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
10	Ms. Ekta Ukey	6 day STTP on "Insights of Data Science and machine learning with its applications" organized by Department of Computer Engineering and Information Technology at PHCET,Rasayani from 4th july to 9th july,2022	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
11	Ms. Srijita Bhattacharjee	6 day STTP on "Insights of Data Science and machine learning with its applications" organized by Department of Computer Engineering and Information Technology at PHCET,Rasayani from 4th july to 9th july,2022	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
12	Ms.Rajashree Gadhav	Orientation Program for Major Project 1 (CSP 701)	14-07-2022 organized by ST. Francis institute of technology
13	Ms. Snehal Chitale	Orientation Program for Major Project 1 (CSP 701) is	14-07-2022 organized by ST. Francis institute of technology
14		Participated 5 Days Online Faculty Development Program on Data Science with Python	30-01-2023 organized by Shridevi Institute of Engineering and Technology in Collaboration with ExcelR.
15		participated in Webinar on IP Awareness/Training program	23-12-2022
16		3 Days Short Term Training Program on of Digital Forensics	8th February to 10th February 2023, organized by Computer Engineering Department, Shah & Anchor Kutchhi Engg College in association with Institution's Innovation Cell IIC-5.0
17		Ms. Akanksha Patil	Faculty Orientation Program on "Natural Language Processing (CSDC5013),



18			Attended one week STTP on ""Data Science""	11-07-2022 , organized by Computer Engineering Department, K J College of Engineering and Management
19			Attended one week FDP on ""Recent Trends in Computations""	18-07-2022 organized by Department Computer Engineering, VIT, Pune, Maharashtra.
20			5 Days STTP on ""SOCIAL MEDIA ANALYTICS""	02-01-2023, organized by Department of Computer Engineering in association with VESIT -IQAC , Vivekanand Education Society's Institute of Technology
21			orientation programme of subject "Social Media Analytics and Social Media Analytics Lab"	06-01-2023
22			6 day STTP on "Insights of Data Science and machine learning with its applications"	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
23			participated in an ISTE approved STTP on ""Data Science""	11-07-2022 organized by Computer Engineering Department, K J College of Engineering and Management Research,
24		Ms. Dhanashree Sakhare	Participated in Webinar on IP Awareness/Training program	23-12-2022
25			Orientation Program for the elective course of Digital Forensics and Digital Forensics Lab [BE/Computer Engg/Sem-VIII/CSD08012 and CSL8022] as per the Rev-2019-C.	30-01-2023
26			Attended 5 Days Online Faculty Development Program on Data Science with Python organized by Shridevi Institute of Engineering and Technology in Collaboration with ExcelR.	30-01-2023



27		3 Days Short Term Training Program on of Digital Forensics held during 8th February to 10th February 2023 organized by Computer Engineering Department, Shah & Anchor Kutchhi Engg College in association with Institution's Innovation Cell IIC-5.0	8th February to 10th February 2023, organized by Computer Engineering Department, Shah & Anchor Kutchhi Engg College in association with Institution's Innovation Cell IIC-5.0
28		Participated in 5 Days Online Faculty Development Program on AWS (Amazon Web Services)	27-03-2023 organized by AVS Engineering College in Collaboration with ExcelR.
29	Ms. Dipti Patil	6 day STTP on "Insights of Data Science and machine learning with its applications" organized by Department of Computer Engineering and Information Technology at PHCET,Rasayani from 4th july to 9th july,2022	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
30		Attended one week STTP on ""Data Science""	11-07-2022 organized by Computer Engineering Department, K J College of Engineering and Management
31		Attended one week FDP on "Recent Trends in Computations"	18-07-2022 organized by Department Computer Engineering, VIT, Pune, Maharashtra.
32		Attended webinar on "IP Awareness/Training Program"	23-12-2022 organized by Intellectual Property Office, India
33		Attended 5 Days Online Faculty Development Program on Data Science with Python	30-01-2023 organized by Shridevi Institute of Engineering and Technology in Collaboration with ExcelR.
34		Ms. Saindane Nikita	6 day STTP on "Insights of Data Science and machine learning with its applications" organized by Department of Computer Engineering and Information Technology at PHCET,Rasayani from 4th july to 9th july,2022



35			Participated Orientation on "Big Data Analytics" of BE sem -VII R-19	14-07-2022
36			Participated in Online FDP on "Recent Trends in Computations"	18-07-2022 organized by Department of Computer Engineering, VIT, Pune,
37			Participated in Webinar on IP Awareness/Training program	23-12-2022
38			Participated Orientation on "Distributed Computing" of BE sem -VII R-19	18-01-2023
39			Participated 5 Days Online Faculty Development Program on Data Science with Python	30-01-2023 organized by Shridevi Institute of Engineering and Technology in Collaboration with ExcelR.
40		Ms.Pradnya Patil	3 Days Short Term Training Program on of Digital Forensics	08-02-2023 8th February to 10th February 2023 organized by Computer Engineering Department, Shah & Anchor Kutchhi Engg College in association with Institution's Innovation Cell IIC-5.0
41	COMP	Dr. Mansi Subhedar	One Week National Level Faculty Development Program On "Recent Trends in Artificial Intelligence, IoT and Data Analytics" .	3rd October to 8th October 2022, Technically sponsored by IEEE Bombay Section, IETE Pune Center and supported by IEEE SB, IETE ISF PCCOER, Ravet Pune
42			One-week STTP on "Qunatum Computing".	05th -09th January 2023, Organised by Department of EXTC Engineering, FCRIIT, Vashi, Navi Mumbai





43	Dr. Neha Shivhare	Webinar on Introduction to HAM Radio	31st August 2022 Organised by IEEE, Pune Section in association with AISSMS,Pune
44		FDP on "Amazon Web Services"	22nd to 27th August 2022, organized by AISSMS Institute of Information Technology, Pune in collaboration with Brainovision Solutions India PVT. LTD & AICTE, Ministry of Education, India
45	Mr. Mithun G. Nair	FDP on "Amazon Web Services"	22nd to 27th August 2022, organized by AISSMS Institute of Information Technology, Pune in collaboration with Brainovision Solutions India PVT. LTD & AICTE, Ministry of Education, India
46		FDP on "Data Science using Machine Learning"	2nd January to 6th January 2023, organized by Pravara Rural Engineering College in Collaboration with ExcelR
47		Workshop on "Intellectual Property Rights (IPR) - Patents and Design Filing"	8th February, 2023, organized by Research and Development (R&D) Cell of Vishwaniketan's Institute of Management Entrepreneurship & Engineering Technology
48	Mr. Jayesh Rane	FDP on "Power System Design & Analysis using DIgSILENT Power Factory Software"	8th Aug 2022, Organized by DIgSILENT GmbH, Germany in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi
49		"FDP on Microgrid System Design & Simulation using HOMER Pro & HOMER Grid Software"	10th August 2022, Organized by HOMER Energy by UL, USA in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi
50		Attended a Webinar on "Popular Science Writing" for PhD scholars and Post Doc Fellows	8th September 2022, Organized by Department of Science and Technology, Government of India under AWASAR scheme



51		Mr. Shashikant Renushe	FDP on Data Science using Machine Learning	2nd to 6th January 2023, Organised by Pravara Rural Engineering College in Collaboration with ExcelR
52		Mr. Upendra Patil	FDP on Data Science using Machine Learning	2nd to 6th January 2023, Organised by Pravara Rural Engineering College in Collaboration with ExcelR
53		Ms. Priya Tambe	FDP on Data Science using Machine Learning	2nd to 6th January 2023, Organised by Pravara Rural Engineering College in Collaboration with ExcelR
54	ELEC	Ms. Pranita Chavan	National level Online Faculty Development Program on Student Centric and Interactive Teaching Strategies using Technological Tools,	22-05-2023 to 24-05-2023 The Department of First Year Engineering, Sinhgad Academy of Engineering Kondhwa (Bk), Pune - 411048
55			Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19-09-2022 to 24-09-2022, PHCET, Rasayani
56			AICTE Recognized Faculty Development Programme on MATLAB and SIMULINK basics for Hardware Projects	01-08-2022 to 05-08-2022, Electrical Engineering Department National Institute of technical teachers training and research Chandigarh
57			National level Online Faculty Development Program on Student Centric and Interactive Teaching Strategies using Technological Tools,	22-05-2023 to 24-05-2023 The Department of First Year Engineering, Sinhgad Academy of Engineering Kondhwa (Bk), Pune - 411048
58			Ms. Sangeetha Rajagopal	Webinar Attended on " Designing Course Outcomes and Outcomes-focused questions"
59			Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19-09-2022 to 24-09-2022, PHCET, Rasayani



60			Webinar Attended on " Designing Course Outcomes and Outcomes-focused questions"	17-09-2022, iPod Ed-tech
61		Ms. Aamir Shaikh	FDP on Building resilience at workplace	9-08-2022 to 12-09-2022, Amity school of Engineering and Technology, Amity University Mumbai
62		Ms. Supriya Shigwan	Course on Introduction to Data Science by Infosys Springboard	30-07-2022, Infosys Springboard
63			Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19-09-2022 to 24-09-2022, PHCET, Rasayani
64		Ms. Lakshmi C.R.	Course on Introduction to Data Science by Infosys Springboard	30-07-2022, Infosys Springboard
65			Course on IoT Communication Technologies by Infosys Springboard	30-07-2022, Infosys Springboard
66		Ms. Ronita Pawn	Webinar on " Electrical Engineers: Expectations and Opportunities"	13.08.2022, Department of Electrical Engineering PHCET, Rasayani
67			One-week National Level Online Faculty Development Programme on "Smart Grids and Micro Grids in Indian Context"	20-06-2022 to 24-06-2022, the Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Gandipet,
68			Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19-09-2022 to 24-09-2022, PHCET, Rasayani



69	IT	Ms. Poonam Lad	Faculty Orientation Program for Revised syllabus of BE-IT R-19 C Scheme on Software Testing & Quality Assurance	15.07.2022- 15.07.2022
70			STTP on Insights of Data Science and Machine Learning with its Applications	4.07.2022 to 09.07.2022
71			One week National Level Capacity Building Programme on Cyber Security and Forensics	19.06.2023 to 24.06.2023
72		Ms. Monisha Mohan	Faculty Orientation Program (FOP) on "Information Retrieval System" under BEIT Sem-VII Department Level Optional Course (DLOC) Rev.2019 'C-Scheme' on 13th July 2022,	13.07.22 to 13.07.22
73			Faculty Orientation Program (FOP) on "SAD & ROS" under BEIT Sem-VII Department Level Optional Course (DLOC) Rev.2019 'C-Scheme' on 11th July 2022,	11.07.22 to 11.07.22
74			STTP on Insights of Data Science and Machine Learning with its Applications	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
75		Dr. Divya C	One attended Faculty Orientation Program on Internet of Everything and Internet of Everything Lab	06.07.22 - 06.07.22
76			One Week STTP on "Insights of Data Science and Machine Learning with its Applications"	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani



77		Ms. Prachi Sorte	Faculty Orientation Program (FOP) on "SAD" under BEIT Sem-VII Department Level Optional Course (DLOC) Rev.2019 'C-Scheme' on 11th July 2022,	11.07.22 to 11.07.22
78			STTP on Insights of Data Science and Machine Learning with its Applications	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
79			One week National Level Capacity Building Programme on Cyber Security and Forensics	19.06.2023 to 24.06.2023
80		Ms. Rupali Sathe	Faculty Orientation Program for Revised syllabus of BE-IT R-19 C Scheme on Infrastructure Security	07.07.22 - 07.07.22
81			STTP on Insights of Data Science and Machine Learning with its Applications	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
82		Ms. Kajal Patel	STTP on Insights of Data Science and Machine Learning with its Applications	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
83		Ms. Shamna S	STTP on Insights of Data Science and Machine Learning with its Applications	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani
84		Ms. Komal G	One week National Level Capacity Building Programme on Cyber Security and Forensics	4th july to 9th july,2022 Department of Computer Engineering and Information Technology at PHCET,Rasayani



85	MECH	Dr. G. V. Patil	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
86			ALAP - Academic Leadership Alignment Programme' on 'NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
87		Dr. M. D. Nadar	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
88		Dr. Suhas Uthale	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
89		Dr. R. C. Prasad	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
90		Mr. S. N. Kadam	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
91			Faculty developement program on "Machine Learning"	07.12.2022 to 11.12.2022
92		Mr. Atul Jade	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
93			Webinar- Detect and model defect structures in battery cells	19-07-2022
94			Webinar: Bulding Confidence in Security with Microchip	18-07-2022
95	Orientation Program : DMS		14-07-2022	



96			ALAP - Academic Leadership Alignment Programme' on 'NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
97		Mr. Swapnil Nawale	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
98			FDP on Condition Monitoring and Fault Diagnosis	29.07.2022 to 30.07.2022
99			Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
100		Mr. Shashi Bhushan Sankhyan	SERB Sponsored 7 days workshop and hands on training on 'Sample Preparation Techniques for Transmission Electron Microscopy' organised by IIT Gandhinagar.	10.07.2022 to 16.07.2022
101			International Workshop on Recent Trends in Functional Nanomaterials for Technological Applications	02.08.2022 to 3.08.2022
102			Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
103		Mr. Hemant Patil	ALAP - Academic Leadership Alignment Programme' on 'NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
104		Mr. Vaibhav Bhagat	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
105		Mr. TRB Sanjai Kumar	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022



106	Mr. Anish S	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
107	Mr. Sunilsingh Rajput	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
108	Mr. Manoj Jadhav	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy"	19.09.2022 to 24.09.2022
109		Faculty development program on "Advances in Strategic Human Resource Management (HRM) "	02.2023 to 03.2023
110	Mr. Saurabh Sirsikar	ALAP - Academic Leadership Alignment Programme' on 'NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
111		Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy", September 19 to 24, 2022	19.09.2022 to 24.09.2022
112	Mr. Vivek Meshram	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy", September 19 to 24, 2022	19.09.2022 to 24.09.2022
113	Mr. Abhijit Aurangabadkar	Industry sponsored & ISTE approved Six Days Short Term Training Program On "Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy", September 19 to 24, 2022	19.09.2022 to 24.09.2022





114	Mr. Amar Jadhav	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
115		ALAP - Academic Leadership Alignment Programme’ on ‘NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
116	Mr. Aditya Shinde	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
117	Mr. Rahul Warghane	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
118	Mrs. Sayali Kulkarni	ALAP - Academic Leadership Alignment Programme’ on ‘NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
119		Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
120	Mr. Datta Wakshe	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
121	Mr. Aniket Dumbre	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022



122	Mr. Hardik Panchal	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
123	Mr. Gautam Ghegadmal	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
124	Mr. Arjun Deshmukh	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022
125	Ms. Ashwini Kadam	01 Days Faculty Development Program on “Automation System Design & Simulation using Automation Studio Software ” of M/s Famic Technologies Inc., Canada in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi	31-03-2023
126		ALAP - Academic Leadership Alignment Programme’ on ‘NIPS- NEP Implementation Pathway Service, Green Energy Hall, Kalina Santacruz, University of Mumbai, 7th and 8th Jan 23	07.01.2023 to 08.01.2023
127		Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022

## 7. Initiatives Undertaken Towards Faculty Development

Sr. No.	Dept	Title of the Conference/ Seminar/Workshop	Date and Venue	No. of Participants
1	CIVIL	Orientation	Orientation Program for the Course Advanced Construction Technology	9.09.2022 to 24.09.2022



2		STTP	Free ISRO Sponsored Capacity Building in Space Based Disaster Management Support and Risk Reduction for Maharashtra State	20.03.2023 to 25.03.2023
3	COMP	STTP	One week ISTE approved STTP on Insights of Data Science and Machine Learning with its Applications	04.07.2022 to 09.07.2022
4	ELEC	STTP	STTP on Challenges and Opportunities in Sustainable Energy Conservation, Utilization and Its Business Strategy	19.09.2022 to 24.09.2022
5	ECS	FDP	One Week Faculty Development Program on Digital Circuits and Microprocessors sponsored by Wadhvani Electronics Laboratory (WEL), Department of Electrical Engineering, IIT Bombay	28.11.2022 to 2.11.2022
6	IT	STTP	One week ISTE approved STTP on Insights of Data Science and Machine Learning with its Applications	4.7.2022-9.7.2022
7	MECH	STTP	Industry sponsored & ISTE approved Six Days Short Term Training Program On “Challenges And Opportunities In Sustainable Energy Conservation, Utilization And Its Business Strategy”	19.09.2022 to 24.09.2022

## 8. Details of the Publication

### a. Journal Articles, International journals, Books and conferences.

Sr. No.	Dept	Name of the author/s	Title of the article	Journal Title (National/International/other)	Date of publication in the Journal	ISSN No
1	CIVIL	Ms. Ashwini P	Use of Waste Marble Sand in Concrete	International Research Journal of Engineering and Technology (IRJET)	Jul-22	e-ISSN: 2395-0056, p-ISSN: 2395-0072
2		Dr. Karthik Nagarajan	Employing Digital Elevation Model (DEM) for Floodplain mapping with applications of HEC-HMS, HEC-RAS, and ArcGIS : A Review	Journal of Remote Sensing & GIS	Jul-22	ISSN: 2230-7990 (Online)ISSN: 2321-421X (Print)



3	Mr. Raju Narwade	Employing Digital Elevation Model (DEM) for Floodplain mapping with applications of HEC-HMS, HEC-RAS, and ArcGIS : A Review	Journal of Remote Sensing & GIS	Jul-22	ISSN: 2230-7990 (Online)ISSN: 2321-421X (Print)
4	Ms. Ashwini P	Employing Digital Elevation Model (DEM) for Floodplain mapping with applications of HEC-HMS, HEC-RAS, and ArcGIS : A Review	Journal of Remote Sensing & GIS	Jul-22	ISSN: 2230-7990 (Online)ISSN: 2321-421X (Print)
5	Ms. Madhulika Sinha	Scheduling, Quantity And Cost Estimation Of Building Elements Using Autodesk Revit	Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology	Aug-22	ISSN: 0367-6234
6	Ms. Madhulika Sinha	Experimental Study of Industrial and Construction Waste for Improving the Strength of the Flexible Pavement	SSRG International Journal of Civil Engineering	November, 2022	<a href="https://doi.org/10.14445/23488352/IJCE-V9I11P102">ISSN: 2348-8352 / https://doi.org/10.14445/ 23488352/IJCE-V9I11P102</a>
7	Ms. Manisha Jamgade	Critical Literature Assessment on Benediction Due to Passive Solar Energy System	International Research Journal of Engineering and Technology (IRJET)	Jul-22	e-ISSN: 2395-0056 p-ISSN: 2395-0072
8		Review of the Green Building – A Sustainable Construction: A approach in India as a Developing Country and	International Journal of Research in Engineering and Science (IJRES)	Jul-22	ISSN (Online): 2320-9364, ISSN (Print): 2320-9356



			its Rating System			
9			Integrated Planning office Automation System- A Critical Review	International Journal of Research in Engineering and Science (IJRES)	Jul-22	ISSN: 2320-9364
10			Documentation and Process Challenges Faced at Public Works Department - Review	International Research Journal of Engineering and Technology	Jul-22	E-ISSN NO . 2395-0056 P ISSN 2395-0072
11			Green Concrete Initiative by Replacing Cement With More Than 50% Mineral Admixtures For Substructure Concrete	Journal of Emerging Technologies and Innovative Research ,JETIR	Dec-22	(ISSN-2349-5162)
12			Measuring Performance of Concrete in Saline Water by Rapid Chloride Migration Test	International Journal of All Research Education & Scientific Methods(IJARESM)	Jan-23	ISSN: 2455-6211,Paper Id: IJ-0601231741
13			"Sustainability Benefits, Durability Characteristics , And Cost Analysis Of Green Concrete/GGB S Concrete",, 1982, Pp. 763-766.	Journal of Cement & Concrete Research(IEAME )Publication Volume 2, Issue 1, January-June 2023, pp.	09-Jan-23	Article Id - JCHE_2_01_001
14			Node MCU Based Vehicle Monitoring System on Construction Sites and its Applications Using IoT Method	Journal of Emerging Technology and Innovative Research		2349-5162



15		Passive Solar Residential Building Design :- An Effective Tool and Sustainable Technique	International Journal of all Research education and Scientific Methods	Nov-22	2455-6211
16		Passive Solar Residential Building Design: An Effective Tool and Sustainable Technique for Warm and Humid Climatic Condition	International Journal of Novel Research and Development	Nov-22	Registration ID : 184301 Paper ID - IJNRD2211220 ISSN: 2456-4184
17		Structural Audit and selection of contractor for Building by using Analytical hierachy Process	International Research Journal of Engineering and Technology (IRJET)	Sep-22	e-ISSN: 2395-0056, p-ISSN: 2395-0072
18		Experimental analysis of crystalline admixture concrete applicable in the construction of RCC structure in Mumbai, India	Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology	Aug-22	ISSN: 0367-6234
19	Dr. Karthik Nagrajan	Risk Management Appraisal -A tool for successful Infrastructure project	International Research Journal of Engineering and Technology (IRJET)	Apr-23	e-ISSN: 2395-0056 p-ISSN: 2395-0072
20		Multi-Analytical Approach for Risk Identification and its Management for Successful	Journal of Emerging Technologies and Innovative Research (JETIR)	Jan-23	ISSN - 2349-5162



		Infrastructure Projects			
21		Emerging Software Techniques in Construction Industry	Computer Intrgrated Manufacturing Systems	Jan-23	ISSN:1006-5911
22		Meticulous Review of Present Trends in Risk Management of Large-Scale Infrastructure Projects	International Journal of Research in Engineering and Science	Jul-22	2022), ISSN (Online): 2320-9364, ISSN (Print): 2320-9356
23	Mr. Raju Narwade	Experimental analysis of crystalline admixture concrete applicable in the construction of RCC structure in Mumbai, India	Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology	Aug-22	ISSN: 0367-6234
24		Review paper on various reasons for delays in infrastructure Projects to mitigate the delays	Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology	Aug-22	ISSN: 0367-6234
25		Emerging Software Techniques in Construction Industry	Computer Intrgrated Manufacturing Systems	Jan-23	ISSN:1006-5911
26		Meticulous Review of Present Trends in Risk Management of Large-Scale Infrastructure Projects	International Journal of Research in Engineering and Science	Jul-22	2022), ISSN (Online): 2320-9364, ISSN (Print): 2320-9356
27	Mr. Anwar Sayyed	Application of Value Engineering in the Construction Industry and is Comparative	GIS Science Journal	Nov-22	ISSN NO : 1869-9391



			Study with Conventional Methods			
28		Mr. Raju Narwade	Risk Management Appraisal -A tool for successful Infrastructure project	International Research Journal of Engineering and Technology (IRJET)	Apr-23	e-ISSN: 2395-0056 p-ISSN: 2395-0072
29		Mr. Raju Narwade	Multi-Analytical Approach for Risk Identification and its Management for Successful Infrastructure Projects	Journal of Emerging Technologies and Innovative Research (JETIR)	Jan-23	ISSN - 2349-5162
30	<b>COMP</b>	Dr. J.W. Bakal	Alert Clustering using Self-Organizing Maps and K-Means Algorithm	International Journal of Engineering and Advanced Technology	Oct-22	ISSN: 2249-8958 DOI:10.35940/ijeat.A3852.1012122
31		Dr. Mansi Subhedar	Performance Evaluation of Multiband Embroidered Fractal Antenna on Human Body	Springer SN Computer Science 3:459	Aug-22	DOI: 10.1007/s42979-022-01354-z
32		Dr. Sumit Bhattacharjee	Improving Lung Cancer Prediction with Machine Learning Techniques	Journal of Interdisciplinary Cycle Research	Oct-22	0022-1945
33			Internet Of Things	Book Rivers; 1st edition (4 November 2022)	Nov-22	ISBN-10 : 9355155433
34		Dr. Reena Singh	Air Quality Sensors and voice alert using IOT and Deep Learning	NEUROQUANTOLOGY	Nov-22	DOI: 10.14704/NQ.2022.20.15.NQ88011
35			Smart Door Locks and voice alert in mobile using IOT and Machine Learning	NEUROQUANTOLOGY	Nov-22	DOI: 10.14704/NQ.2022.20.15.NQ88012





36	Soil monitoring and notification using IOT and Artificial Intelligence	NEUROQUANTOLOGY	Nov-22	DOI: 10.14704/NQ.2022.20.15.NQ88013
37	Elderly Care Monitoring using IOT and Deep Learning	NEUROQUANTOLOGY	Nov-22	DOI: 10.14704/NQ.2022.20.15.NQ88010
38	Fatigue Detection in Athletes using Sensor Based Application	NEUROQUANTOLOGY		<a href="https://doi.org/10.14704/nq.2022.20.9.NQ44420">DOI: 10.14704/nq.2022.20.9.NQ44420</a>
39	Development of Novel Materials for Home Based low Cost Additive Manufacturing using AI	NEUROQUANTOLOGY		<a href="https://doi.org/10.14704/nq.2022.20.9.NQ44421">DOI: 10.14704/nq.2022.20.9.NQ44421</a>
40	Barcode Authentication using big data and Cloud Computing	NEUROQUANTOLOGY		<a href="https://doi.org/10.14704/nq.2022.20.9.NQ44396">DOI: 10.14704/nq.2022.20.9.NQ44396</a>
41	Hybrid Electric Vehicle Incorporating an Integrated Propulsion Controlled using IOT and Deep Learning	NEUROQUANTOLOGY		DOI: 10.14704/NQ.2022.20.11.NQ66388
42	Blockchain - based Record Date Management using Artificial Intelligent and Deep Learning	NEUROQUANTOLOGY		DOI: 10.14704/NQ.2022.20.11.NQ66389
43	Management Model of Smart Tourism Industry under the era of Big Data using Artificial Intelligent and Deep Learning	NEUROQUANTOLOGY		DOI: 10.14704/NQ.2022.20.11.NQ66391



44	Dr. Rajashree Gadhave	Performance Analysis of Hyperspectral Data Classification Based on Hybrid Neural Network Approach	Computer Integrated Manufacturing systems	May-23	ISSN: 1006-5911
45		Hyperspectral Data Classification of Spectral Band and Spectral Image using Hybrid Neural Network	Journal of Scientific Research	Submitted : 4th July 2022	
46	Rahul Kapse	Study of Benchmark Methods in Cross Project Software Detect Prediction	SN Computer Science	Submitted: 29 August 2022	
47		Study of Benchmark Methods in Cross Project Software Detect Prediction	SN Computer Science	Submitted: 29 September 2022	
48		Integration of Support Vector Machine (SVM) a Machine Learning and Remote Sensing Imagery for Enhanced Water Quality Assessment: A Technologically Advanced Approach towards Environmental Monitoring and Management	Computer Integrated Manufacturing Systems	Apr-23	ISSN: 1006-5911 DOI: 10.24297/j.cims.2023.4.12
49		Snehal Shinde	Network Security in Cloud	NEUROQUANTOLOGY	Nov-22



		Computing using Machine Learning			
50		Mobile Application for Academic Activities	Journal of Mobile Computing, Communications & Mobile Networks	Jul-23	10.37591/JoMCCMN
51		Smart CCTV for Daycare	Journal of Network Security	Jun-23	DOI (Journal): 10.37591/JoNS
52	Abhijeet More	Blood Banking via Cloud Computing using ML tracking the Real Time Location of Donor	Computer Integrated Manufacturing Systems	May-23	DOI: 10.24297/j.cims.20235.11
53		Online Transaction Fraud Detection and Prevention using Hmm and Behavior Analysis	Computer Integrated Manufacturing Systems	May-23	DOI: 10.24297/j.cims.20235.16
54		Network Security in Cloud Computing using Machine Learning	NEUROQUANTOLOGY	Nov-22	DOI: 10.48047/NQ.2022.20.16.NQ880241
55		Swift Water Rescue Robot	International Journal of All Research Education & Scientific Methods	May-23	ISSN: 2455-6211
56		Suchita Walke	Application of Machine Learning in Health Sector	Book Rivers	##### #####
57	Ekta Ukey	Integration of Support Vector Machine (SVM) a Machine Learning and Remote Sensing Imagery for Enhanced Water Quality Assessment: A Technologically Advanced Approach towards	Computer Integrated Manufacturing Systems	Apr-23	ISSN: 1006-5911 DOI: 10.24297/j.cims.2023.4.12



		Environmental Monitoring and Management			
58	Dr. Mansi Subhedar	Intelligent Traffic Signal Control in Smart Cities using Deep Learning Model”	Gandhinagar University – Journal of Engineering and Technology (GU-JET)	2023	ISSN 2249-6157
59		Performance Evaluation of Multiband Embroidered Fractal Antenna on Human Body	Springer SN Computer Science 3:459	Aug-22	DOI: 10.1007/s42979-022-01354-z
60		IoT Based Condition Monitoring for Railway Track Fault Detection in Smart Cities	IETE Journal of Research	Dec-22	Doi: 10.1080/03772063.2022.2150701
61		Performance Evaluation of Multiband Embroidered Fractal Antenna on Human Body	SN Computer Science Journal	2022	Electronic ISSN2661-8907
62	Nikita Saindane	AIS- based Anomoly Detection for IUU Fishing Activities	Current Trends in Information Technology	May-23	2348-7895 DOI: <a href="https://doi.org/10.37591/cit.v13i1.992">https://doi.org/10.37591/cit.v13i1.992</a>
63		IoT- based Smart Kitchen Wardrobe System	Reserch & Reviews: A Journal of Embedded System & Applications	May-23	ISSN: 2395-6712
64	Dhanashree Sakhare	Data Maneuvering Identification	Journal of Artificial Intelligence Research & Advances	May-23	ISSN: 2395-6720 DOI: 10.37591/JoAIRA
65		Decentagram: A Decentralized Social Media Using Blockchain	Journal of Mobile Computing, Communications & Mobile Networks	May-23	ISSN: 2349-901



66		Archana Augustine	Real-time Criminal Detection Using Face Recognition	Journal of Network Security	May-23	ISSN: 2321-8517	
67		Dipti Ketan Patil	Blockchain technology impacts on accounting and auditing business	A Journal for New Zealand Herpetology	Jun-23	ISSN: 2230-5807	
68		Akanksha Patil	Blockchain technology impacts on accounting and auditing business	A Journal for New Zealand Herpetology	Jun-23	ISSN: 2230-5807	
69	<b>ELEC</b>	Supriya Shigwan	Smart Solar Energy Monitoring System Using IOT	International Journal of Research and Analytical Reviews IJRAR,	Apr-23	ISSN: 2348-1269	
70		Pranita Chavan	Power Quality Improvement Techniques in Distribution Network with Harmonic Consideration	Harbin Gongye Daxue Xuebao/Journal of Harbin ,2022	Jun-2022	ISSN:	
71		Sangeetha Rajagopal	ENERGY AUDIT OF PRASOL CHEMICALS AT KHOPOLI	International Journal of Creative Research Thoughts (IJCRT), April 2023	Apr-23	ISSN: 2320-2882	
72		Ronita Pawn	Solar Powered Unmanned Cleaning Robot	International Journal of Science and Research (IJSR), April 2023	Apr-23	ISSN: 2319-7064	
73		Supriya Shigwan	Design of an On-grid Photovoltaic system	International Journal of Creative Research Thoughts (IJCRT),	Mar-23	ISSN: 2320-2882	
74		<b>ECS</b>	Mr. Jayesh Rane	An integrated GIS, MIF, and TOPSIS approach for appraising electric vehicle charging station suitability zones in Mumbai, India	Elsevier Sustainable Cities and Society	Jun-23	Print ISSN: 2210-6707 Online ISSN: 2210-6715
75			Ms. Pooja Kulkarni	Vertical Axis Wind Turbine with Inverter	International Research Journal of	Sep-22	e-ISSN: 2395-0056



				Engineering and Technology (IRJET)		
76	IT	Dr. Divya Chirayil	Students Attendance Tracker Parents using Machine Learning	Computer Integrated Manufacturing System	Sep-22	Volume 28 No 1,ISSN 1006-5911
77			E-Medic Champ: Smart System for Child Mental health Diagnosis and Rehabilitation using AI	International Journal for research trends and Innovations	May-23	Vol 8,Issue 5 ISSN 2456-3315
78			An Artificial Intelligence Based Rainfall Prediction System	International Journal for research trends and innovations	May-23	Vol 8,Issue 5 ISSN 2456-3315
79			Automatic Detection and prediction of cardiac arrest through gadgets	International Journal for research Trends and Innovations	Apr-23	Vol 8,Issue 4 ISSN 2456-3315
80			Tourist Behaviour Analysis Algorithm using Machine Learning and AI	Computer Integrated Manufacturing System	Sep-22	Volume 28 No 1,ISSN 1006-5912
81		Dr.B.K. Sarkar	Students Attendance Tracker Parents using Machine Learning	Computer Integrated Manufacturing System	Sep-22	Volume 28 No 1,ISSN 1006-5911
82			Fatigue Detection in Athletes using Sensor Based Application	NeuroQuantology Scopus	Sep-22	Volume 20,Issue 9 ISSN-1303 -5150
83			Development of Novel Materials for Home Based low Cost Additive Manufacturing using AI	NeuroQuantology Scopus	Sep-22	Volume 20,Issue 9 ISSN -1303 -5150
84			Barcode Authentication using big data	NeuroQuantology Scopus	Sep-22	Volume 20 ,Issue 9 ISSN-1303-5150



		and Cloud Computing			
85		Customer Recommendation using Artificial Intelligent and Deep Learning	NeuroQuantology Scopus	Nov-22	Volume 20, Issue 11 ISSN - 1303 -5150
86		Hybrid Electric Vehicle Incorporating an Integrated Propulsion Controlled using IOT and Deep Learning.	NeuroQuantology Scopus	Nov-22	Volume 20, Issue 11 ISSN - 1303 -5150
87		Blockchain - based Record Date Management using Artificial Intelligent and Deep Learning	NeuroQuantology Scopus	Nov-22	Volume 20, Issue 11 ISSN - 1303 -5150
88		Elderly Care Monitoring using IOT and Deep Learning.	NeuroQuantology	Dec-22	Volume 20, Issue 15 ISSN- 1303-5150
89		Smart Door Locks and voice alert in mobile using IOT and Machine Learning.	NeuroQuantology	Dec-22	Volume 20, Issue 15 ISSN- 1303-5150
90		Soil Monitoring and Notification Using IOT and Artificial Intelligence.	NeuroQuantology	Dec-22	Volume 20, Issue 15 ISSN- 1303 -5150
91		E-LBP Based Biometric Finger and Face Through Age Detection	Neuroquantology	Dec-22	Volume 20, Issue 5 ISSN- 1303-5150
92		Ceramsite Production Using Dredging Mud Formation Capacity Evaluation	Annals of forest research	Dec-22	ISSN-1844-8135



93		Design an Advanced Solar Based Electric Vehicles Charging small unit Power Station.	NeuroQuantology	Dec-22	Volume 20, Issue 16 ISSN-1303-5150
94		Mass Balance of Antarctica into Polar Ocean	NeuroQuantology	Dec-22	Volume 20, Issue 16 ISSN-1303-5150
95		Blockchain Based Distributed Identity Management in Organisations	NeuroQuantology	Dec-22	Volume 20, Issue 16 ISSN-1303-5150
96		Signature Verification and Alert Using AI and Machine Learning	International Journal of Food And Nutritional UGC care	Dec-22	Volume 11, Issue 1 ISSN-2320-7876
97		Geotechnical Characterization of Soil Slopes a Tool in Determining	YantuGongchengXue bao/ Chinese Journal of Geotechnical Engineering	Dec-22	Volume 44, Issue 12 ISSN-1000-4548
98		Pavement Evaluation and applications of Geo textiles in Pavements	YatuGongchengXuebao/ Chinese Journal of Geotechnical Engineering	Nov-22	Volume 44, Issue 12 ISSN-1000-4548
99		Stabilization of Soil Using Waste Plastic Fibre and Kitchen Waste	YantuGongchengXue bao/ Chinese Journal of Geotechnical Engineering	Nov-22	Volume 44, Issue 12 ISSN-1000-4548
100		Geotechnical Characterization of Soil and Tool in Determining	YantuGongchengXue bao /Chinese Journal of Geotechnical Engineering	Dec-22	Volume 44, Issue 12 ISSN-1000-4548
101		AWS Big Data Analytics and Management for Cyber Security.	International Journal of Food And Nutritional UGC care	Nov-22	Volume 11, Issue 1 ISSN-2320-7876
102		Low Power VLSI Intelligent Circuits Design Methodologies	International Journal of Food And Nutritional UGC care	Nov-22	Volume 11, Issue 1 ISSN-2320-7876





103		Air Quality Sensors and voice Alert using IOT and Deep Learning.	NeuroQuantology	Dec-22	Volume 20 ,Issue 15 ISSN-1303-5150
104		Tourist Behaviour Analysis Algorithm using Machine Learning and AI	Computer Integrated Manufacturing System	Dec-22	Volume 28 No 1,ISSN 1006-5912
105		Smart Traffic Management System	International Journal for research trends and innovations		Vol 8,Issue 5,May 23 ISSN 2456-3315
106		Malicious URL Verification Using Machine Learning	International Journal for research trends and innovations		Vol 8,Issue 4,Apr 23 ISSN 2456-3315
107	Ms. Poonam R. Pathak	Sanitization using Ultraviolet Rays and Disinfecting Robot	Research Application in Information Technology ISBN:978-93-5545-126-3	Nov-22	
108		Deep Learning Based Cyclone Intensity Estimation using INSAT-3D IR Imagery	international Journal for Research application and management	Apr-23	ISSN no 2454-9150
109		Vcode- Online Code Editor	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4 ISSN 2456-3315
110		Blood Detection and Solution for Accident Victims	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4, ISSN 2456-3315
111	Ms.Rupali Sathe	Building Decentralized Voting System using System Using Ethereum	Research Application in Information Technology ISBN:978-93-5545-126-3	Nov-22	Vol 8,Issue 4 ISSN 2456-3315
112		Ardino BAsed Light Management System	Research Application in Information Technology ISBN:978-93-5545-126-3	Nov-22	Vol 8,Issue 4 ISSN 2456-3315
113		Smart Eyes Health Detection	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4, ISSN 2456-3315



1 1 4		Doctoria- Your Health Buddy	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4, ISSN 2456-3315
1 1 5		Automated Notes Maker from Audio Recordings	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4, ISSN 2456-3315
1 1 6	Mr. Siddhes h Khanvilkar	IoT Based Smart Home Automation	Research Application in Information Technology ISBN:978-93-5545-126-3	Nov-22	Volume 11, Issue 4, pp: 166-171 ISSN: 2320-9364
1 1 7		Women Safety Application	Research Application in Information Technology ISBN:978-93-5545-126-4	Nov-22	Volume 11, Issue 4, pp: 166-171 ISSN: 2320-9364
1 1 8		Mature Extension using Deep Learning	International Journal of Research in Engineering and Science (IJRES)	Apr-23	Volume:05/Issue:04/ ISSN: 2582-5208"
1 1 9		Graphical Password Authentication using Block Chain Technology	International Research Journal of Modernization in Engineering Technology and Science	Apr-23	Volume:05/Issue:04/ ISSN: 2582-5208"
1 2 0		Students Feedback analysis Using Apache Spark	Research Application in Information Technology ISBN:978-93-5545-126-4	Nov-22	Volume 05, Issue 05, e- ISSN: 2582-5208
1 2 1		STUDENT PERFORMANCE PREDICTION	International Research Journal Of Modernization in Engineering Technology and Science	May-23	Vol 8,Issue 4, ISSN 2456-3315
1 2 2	Ms.Prac hi Sorte	Geo Location Based Donation App	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4, ISSN 2456-3315
1 2 3		Application of Intelligent Recommendation for Agricultural Information	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4, Apr 23 ISSN 2456-3315
1 2 4		Students Feedback analysis Using Apache Spark	Research Application in Information Technology ISBN:978-93-5545-126-4	Nov-22	Volume 05, Issue 04, e- ISSN: 2582-5208
1 2 5	Ms.Kajal Patel	Kiddie Cure: Home Remedies Assistant for	International Research Journal of Modernization in Engineering	Apr-23	Vol 8,Issue 4, ISSN 2456-3315



			Child Healthcare	Technology and Science			
126			Smart map Based Attendance Monitoring System	International Research Journal of Engineering and Technology and Science	Apr-23	Volume:10/Issue:04/April-2023 ISSN: 2395-0056	
127		Ms.Poonam Lad	Women Safety Application	Research Application in Information Technology ISBN:978-93-5545-126-4	Nov-22	Vol 8,Issue 4,Apr 23 ISSN 2456-3315	
128			Smishing Detection using Machine learning	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4,Apr 23 ISSN 2456-3315	
129			Mudra(Text to Speech Conversion with Hand Gestures)	International Journal for research trends and innovations	Apr-23	Vol 8,Issue 4,Apr 23 ISSN 2456-3315	
130			"Design and Analysis of Venturi Turbine to Recover Waste Air Energy in Industrial Applications"	Journal of Optoelectronics Laser	Mar-23	ISSN: 1005-0086	
131	MECH	Dr. G. V. Patil	Studies On Fretting Wear Damage Assessment Of Piecewise Linear System Having Predefined Gap	Journal of Failure analysis & prevention	Sep-22	1547-7029	
132				Study of Air Circulation Zones In Shared Spaces	Neuroquantology	Aug-22	1303-5150
133				The Development Of Composite Made From Recyclable & Environmentally Friendly Materials (HDPE & EPDM)	Neuroquantology	Jun-22	1303-5150
133							



1 3 4	Dr.S.S. Pawar	DESIGN AND MANUFACTUR ING OF TWO SEATER, FOUR- WHEELER COMMERCIAL SOLAR ELECTRIC VEHICLE	International Journal of Research and Analytical Reviews (IJRAR)	Jul-20	2349-5138
1 3 5	Dr. Suhas Uthale	Design and Analysis of Venturi Turbine to Recover Waste Air Energy in Industrial Applications	Journal of Optoelectronics Laser	Mar-23	ISSN: 1005-0086
1 3 6		Effect of MWCNTS on mechanical properties of woven fabric hybrid polymeric nanocomposit es and finite element analysis of nanocomposit e	(IJIDeM) International Journal on Interactive Design and Manufacturing	Jan-23	1547-7029
1 3 7	Mr. Rahul Wargha ne	Design Optimization Of Thresher Mechanism	Neuroquantology	Sep-22	1303-5150
1 3 8	Mr. Swapnil Nawale	Design Optimization Of Thresher Mechanism	Neuroquantology	Sep-22	1303-5150
1 3 9	Mr. Hemant Patil	Studies On Fretting Wear Damage Assessment Of Piecewise Linear System Having Predefined Gap	Journal of Failure analysis & prevention	Sep-22	1547-7029

**b. Books**



Sr. No.	Dept	Name of the author/s	Title of the book	Publisher	Year of Publication, Pagination, ISBN No
1	CIVIL	Dr. Shilpa Kewate	The wonders of bamboo reinforcements: green solutions	Namya Press (6 July 2022)	year 2022,ISBN:1956 861173
2		Dr. Shilpa Kewate	The socio-economic impact of the pandemic on the construction sector in India	Namya Press International Publishing Platform (27 November 2022)	year 2022,ISBN:1956 861173,978-93-5545-124-8
3		Dr. Karthik Nagrajan	A Smart Sustainable Pipeline Design Using Free Isro's Bhuvan Satellite Data -A Remote Sensing Gis Approach	Namya Press International Publishing Platform (20 July 2022)	978-1956861198
4		Mr. Raju Narwade	Sensors and Fiber Optics: Recent Trends	Namya Press International Publishing Platform (February 2023)	ISBN: 9789355451712
5		Ms. Madhulika Sinha	Strength of Concrete	Namya Press International Publishing Platform (February 2023)	ISBN : 978-93-5545-192-7
6		Mrs. Manisha Jamgade	Strength of Concrete	Namya Press International Publishing Platform (February 2023)	ISBN : 978-93-5545-192-7
7		Dr. G. R. Patil	Advances in Structural Engineering	Namya Press International Publishing Platform (May 2023)	ISBN - 9789355452009
8		Ms. Madhulika Sinha	Advances in Structural Engineering	Namya Press International Publishing Platform (May 2023)	ISBN - 9789355452009
9		Ms. Ashwini P	Advances in Structural Engineering	Namya Press International Publishing Platform (May 2023)	ISBN - 9789355452009



10		Mr. Anwar Sayyed	Advances in Structural Engineering	Namya Press International Publishing Platform (May 2023)	ISBN - 9789355452009	
11		Dr. Karthik Nagarajan	Advances in Structural Engineering	Namya Press International Publishing Platform (May 2023)	ISBN - 9789355452009	
12		Mr. Raju Narwade	Advances in Structural Engineering	Namya Press International Publishing Platform (May 2023)	ISBN - 9789355452009	
13		Dr. Karthik Nagarajan	Analysis of Labour Productivity and determining the parameters which affect it in Aluminum Formwork System	Namya Press International Publishing Platform (12 December 2022)	ISBN:19568611 73, 978-93-5545-173-6	
14		Mr. Raju Narwade	Analysis of Labour Productivity and determining the parameters which affect it in Aluminum Formwork System	Namya Press International Publishing Platform (12 December 2022)	ISBN:19568611 73, 978-93-5545-173-6	
15		Dr. Karthik Nagarajan	Risk Assessment and Challenges faced in repairs and Rehabilitation of dilapidated buildings	Namya Press International Publishing Platform (12 December 2022)	ISBN:19568611 73, 978-93-5545-170-5	
16		Mr. Raju Narwade	Risk Assessment and Challenges faced in repairs and Rehabilitation of dilapidated buildings	Namya Press International Publishing Platform (12 December 2022)	ISBN:19568611 73, 978-93-5545-170-5	
17		<b>COMP</b>	Dr. Sumit Bhattacharjee	Internet Of Things	Book Rivers; 1st edition	November 2022, 9355155433
18			Ms. Suchita Walke	Application of Machine Learning in Health Sector	Book Rivers	September 2022, 9789355155566
19		<b>ECS</b>	Dr. Mansi Subhedar	Impact of Machine Learning in Different Sectors	Namya Press International	ISBN: 9781956861136



				Publishing Platform	
20		Mr. Jayesh Rane	Sensors and Fiber Optics: Recent Trends	Namya Press International Publishing Platform	ISBN-10 : 9355451717 ISBN-13 : 978-9355451712
21	IT	Dr.B.K.Sarkar and others	Application of AI in Real World	Taurean Publication Delhi National Publication	ISBN-978-9391074-98-256
22			Management in Different Sector	Namya Press International USA	ISBN-978-1-956861-21-1
23			Fatigue Detection in Athletes using Sensor Based Application	Namya Press National Delhi	ISBN-9789-355450-60-9
24			Development of Novel Materials for Home Based low Cost Additive Manufacturing using AI	Namya Press National Delhi	ISBN-9789355450610
25			Design and Development of Medical Devices for Hospital Clinics	Namya Press National Delhi	ISBN-9789355450611
26			Hydrogen Fuel Cell Vehicles Current Status	Namya Press National Delhi	ISBN-9789355451118
27			Cyberattack Detection System using Machine Learning	Namya Press National Delhi	ISBN-9789355451156
28			Blockchain Mechanism, DLTs, CBDC, Smart Contracts and NFTs	Namya Press National Delhi	ISBN-9789355451125
29			Blockchain Mechanism	Namya Press National Delhi	ISBN-9789355451163
30			Machine Learning Approaches in Cyber Security	Namya Press National Delhi	ISBN-9789355451156
31			Materials in Engineering Plasma Spray Process	Namya Press National Delhi	978-935-545-156-9
32			Digital Technology	Namya Press	978-93-5545-143-



			in Agriculture	National Delhi	9
33			IoT World	Namya Press National Delhi	978-93-5545-142-2
34			Advanced Technology of HR Marketing	Namya Press National Delhi	978-93-5545-128-6
35			Digital HR Marketing	Namya Press National Delhi	978-93-5545-141-5
36			Application of Geospatial Technology	E- Book	978-93-5545-129-3
37			Geography-Real life Application	Namya Press National Delhi	978-93-5545-125-5
38		Dr.Divya Chirayil Ms.Rupali Sathe Mr.Siddhesh Khanvilkar Dr. B.K. Sarkar	Research Applications In Information Technology	Namya Press National Delhi	978-93-5545-126-2

**c. No. of Chapters in Edited book:**

Sr. No.	Dept	Name of the author/s	Title of the Chapter	Title of the book	Publisher	Year of Publication Page No, ISBN No
1.	CIVIL	Mr. Raju Narwade	Impact Assessment of Climate Change on Hydrological Parameters: Evaluation of Water Balance Components of a River Basin	Hydrology and Hydrologic Modelling, Proceedings of 26th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2021)	Springer Nature	5/1/2023 (PP-123-140)
2.		Mr. Raju Narwade	Smart Construction Safety Helmet': a Construction Safety Tool Embedded with Health Monitoring and Salary Deduction Function	Sustainable Technology and Advanced Computing in Electrical Engineering Proceedings of ICSTACE 2021	Springer Nature	03.11.2022 (pp.1149-1168)
3.		Mr. Raju Narwade	Analysis of Location of Oil Spills and Use of Marine Tar in Bituminous Road Construction Collected Near Alibaug Beaches (Maharashtra)	Groundwater and Water Quality	Springer Nature	04.10.2022 (pp 353-364)





4.		Dr. Karthik Nagrajan	Analysis of Location of Oil Spills and Use of Marine Tar in Bituminous Road Construction Collected Near Alibaug Beaches (Maharashtra)	Groundwater and Water Quality	Springer Nature	04.10.2022 (pp 353-364)
5.	COMP	Dr. Mansi Subhedar	IoT based Water Quality Monitoring System using Machine Learning	Book Chapter in book titled "Impact of Machine Learning in Different Sectors"	Namya Press Publications	ISBN-10: 1956861130 pp. 65-78
6.			Sentiment Analysis using Deep Learning	Book Chapter in book titled "Impact of Machine Learning in Different Sectors"	Namya Press Publications	ISBN-10: 1956861130 pp. 65-78
7.	ECS	Mr. Jayesh Rane	IoT based Water Quality Monitoring System using Machine Learning	Book Chapter in book titled "Impact of Machine Learning in Different Sectors"	Namya Press Publications	ISBN-10: 1956861130 pp. 65-78
8.		Ms. Pooja Shukre	IoT based Water Quality Monitoring System using Machine Learning	Book Chapter in book titled "Impact of Machine Learning in Different Sectors"	Namya Press Publications	ISBN-10: 1956861130 pp. 65-78
6	IT	Dr. Divya Y. Chirayil	Waste Management System Using Google Map API	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-2
7			Driver Drowsiness Detection System	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
8		Ms.Poonam Pathak	Sanitization using Ultraviolet Rays and Disinfecting Robot	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
9		Ms Rupali Sathe	Building Decentralized Voting System Using Ethereum	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
10			Arduino Based Light Management System	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
11		Mr.Sidhesh Khanvilkar	Automatic Human Blood Group Recognition Mechanism Using Dland Technology	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
12			IOT based Smart Home Automation	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3



13			Women Safety Application	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
14		Ms. Monisha Mohan	Hand Gesture and Face Recognition	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
15		Ms. Prachi Sorte	Student Feedback Analysis using Apache Spark	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
16		Ms. Kajal Patel	Student Feedback Analysis using Apache Spark	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3
17		Ms. Poonam Lad	Women Safety Application	Research Application in Information Technology	Namya Press Publications	ISBN:978-93-5545-126-3

**d. Conference Proceedings**

Sr. No.	Dept	Name of the Faculty member	Title of the Paper Presented	Title of the Conference/Seminar/	Date and Venue of the Conference/Seminar and name of the Organizer (College, University, institution etc.)	International, national or state level
1	CIVIL	Dr. Shilpa Kewate	Innovative Design and manufacturing of Sustainable Sandwich Composite Manhole Cover by using Bamboo as a Green Substitute	4 th Innovative Product Design and Intelligent Manufacturing Systems (IPDIMS) 25-26 November 2022,NIT Rourkela		



2		Environment Friendly and Sustainable Product Design by Using Bamboo and Waste Rubber Tyre Crumb in Tremix Concrete Flooring	4 th Innovative Product Design and Intelligent Manufacturing Systems (IPDIMS) 25-26 November 2022,NIT Rourkela		
3		An experimental study on sand free sustainable steel fibre reinforced hollow clay brick	4 th Innovative Product Design and Intelligent Manufacturing Systems (IPDIMS) 25-26 November 2022,NIT Rourkela		
4		An experimental study on reprocessed polypropylene paver block	4 th Innovative Product Design and Intelligent Manufacturing Systems (IPDIMS) 25-26 November 2022,NIT Rourkela		
5		Investigation on use of Reprocessed Polypropylene in the Manufacturing Process of Paver Block	International Conference on Recent Developments in Civil Engineering (RDC) (20-21 October 2022),Department of Civil Engineering, MNNIT Allahabad, Prayagraj		



6		Dr. G. R. Patil	Mitigating Structural Vibrations due to Earthquake with Applications of Slope Bottom Tuned Liquid Dampers	12th SEC 2022		
7		Raju Narwade	Evaluation of Water Balance Components of the Indravati River basin	27 International Confernece on Hydraulics, Water Resources, Environmental and Coastal Engineering	22-24 December 2022	Internatainal
8	COMP	Dr. Mansi Subhedar	Load Balancing in SDN using Energy-Aware Fruitfly Optimisation Algorithm	International conference on IOT and Block Chain Technology For Smart Cities and Societies 64th IETE AIC , organised by IETE Delhi and IETE Kolkata Centre	Sept 24-26, 2021	
9			Education Technology Tools for Effective Teaching Learning”	2nd Springer International Conference on "Innovations in Computational Intelligence and Computer Vision" (ICICV-2021), Organised by Manipal University, Jaipur, Rajasthan, India	August 05-06, 2021	



10			Intelligent Traffic Signal Control in Smart Cities using Deep Learning Model	Elsevier International Conference on Advancements in Nano Electronics and Communication Technologies organized by Swami Keshvanand Institute of Technology, Management, Gramothan, SKIT Jaipur, and Institution of India	Feb 24-26, 2022	
11			Intelligent Realtime Robust Vehicle Movement-Based Road Traffic Sign Recognition	International conference on IOT and Block Chain Technology For Smart Cities and Societies 64th IETE AIC , organised by IETE Delhi and IETE Kolkata Centre	Sept 24-26, 2021	
12			Dynamic Load balancing in SDN using Energy Aware Routing and Optimization Algorithm	2022 IEEE Bombay Section Signature Conference (IBSSC)	08-10 December 2022	
13	Ms. Pranita Chavan		Harmonic Elimination with Multilevel Inverter-Based Hybrid Filter Using Artificial Intelligence Approach	International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022	08 Dec 2022	doi: 10.1109/ICPECTS56089.2022.10046703

**e. Other Publications**

Sr. No.	Name of the author/s	Title of the Paper/article/book	Publisher and Place of Publication	Year of Publication, Pagination, ISBN No
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**9. Details of Research Projects**

**a. Faculty Research**

Sr. No	Dept.	Name of the Faculty member	Minor/ Major/ Ph.D. or other	Title of the research project	Funding Agency	Grant (Rs.) or cost of project	Status: Completed/ ongoing/ Sanctioned/ Submitted)
1	COMP	Ms.Munawira Kotyad	other	Gesture Recognition Glove for Home Assistance Systems.”	GEH Research	4,30,780.00	ongoing
2		Ms.Rohini Bhosale	other	Face Detection Using Machine Learning and AI-Based algorithm	GEH Research	3,01,790.00	ongoing
3		Ms.Srijita Bhattacharjee Ms. Ekta Ukey	other	“Biometric Authentication of a land verification using AI-Based System.”	GEH Research	3,01,790.00	ongoing
4		Mr.Abhijit Mor Ms. Snehal Shinde	other	Blood Banking via Cloud computing using Machine Learning Tracking the Blood Donor location at Real-Time	GEH Research	2,12,790.00	ongoing
5	EXTC	Mr. Jayesh Rane	Minor	Impact of waste on society and development of integrated (collection, segregation, compression, data collection and decomposition of waste) waste management system”	Indian Council of Social Science Research (ICSSR)	Rs. 5,00,000/-	ongoing



11	IT	Dr. B. K. Sarkar	Other	Decreased the Search engine Time Cloud Data based using Machine Learning	ADBIGA Innovations	12, 10,950.00	ongoing
12		Dr. Divya Y. Chirayil and Ms Rupali Sath	other	A Digital Voting And Fraud Detection System Using Block Chain And Machine Learning	VBR Innovations LLP	2, 28,790.00	ongoing
13		Ms. Prachi Sorte and Ms. Monisha Mohan	other	Point Regression Analysis-Based Big Data Processing Using Machine Learning and Deep Learning.	JHON ABBAS pvt.ltd.	2, 20,790.00	ongoing
14	MECH	Dr. G. V. Patil	Research	Funding for project - Automatic Air Fill System in LMV and bike Tyres	GEH Research	150000/-	ongoing
15		Mr. Vaibhav Bhagat	Research	Travel Grant for Visit to DAS Offshore, Dighi, Shriwardhan, Raigad	Bureau of Indian Standards (Government of India)	8000/-	completed
16		Mr. Vaibhav Bhagat	Research	Worlds Standard Day Celebration	Bureau of Indian Standards (Government of India)	70000/-	completed
17		Dr. G.V. Patil/ Mr. Sunilsingh Rajput	Research	Funding for STTP on “Challenges and Opportunities In Sustainable Energy Conservation, Utilization and Its Business Strategy” from September 19 to September 24, 2022	GEH Research	40802/-	completed
18		Mr. Anish Shivrajan (Team Starkeres Motorsports)	Research	Development of All- Terrain Vehicle Quad Torc 2022	Oil and Natural Gas Limited ONGC, (Govt. of India)	147500/-	completed
19		Dr. G. V. Patil	Research	Sponsorship for Mek-TeK 2023, Project Competition	GEH Research	25000/-	completed



20	Dr. R. C. Prasad	Consulatncy	A Project on "Development of Advanced Quality Fasteners Through Structure Property Coorelation	M/S OHT Fasstcom Pvt Ltd	193039/-	completed
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### b. Student Research

### Student Publications

### 10. Details of the Honors/Awards/Prizes:

#### a. Student Awards

Sr. No.	Name of the student	Name of the award/ medal	Team / Individual	University / State / National / International	Sports / Cultural
1	Tanisha Paras	Elocution Competition: 2nd prize	Individual	University	Cultural
2	Riya Narayan	Elocution Competition: 3rd prize	Individual	University	Cultural
3	Tanisha Paras	Poem Recitation Competition	Individual	University	Cultural
4	Tanisha Paras	Elocution Competition: Third prize	Individual	University	Cultural
5	Pratham Goverkar	INSOLITO -AN INTER COLLEGIATE FEST	Individual	University	Cultural
6	Rutesh Autade	Singing Competition	Individual	University	Cultural
7	Akash Rathod	Best Entrepreneur of the year	Individual	National	Cultural
8	Tanisha Paras	Youth week "Slogan writing" Competition	Individual	University	Cultural
9	Tanisha Paras	Drawing competition	Individual	University	Cultural
10	Tanisha Paras	Youth week "Poster making" Competition	Individual	University	Cultural
11	Harshada Sonawane	Drawing Competition	Individual	University	Cultural
12	Anam Shaikh	National Woman's day Badminton	Individual	University	Sports
13	Ishwari Chirlekar	Varsha Marathon 2022	Individual	University	Sports
14	Rutesh Autade	Singing Competition: 2nd Prize	Individual	University	Sports
15	Sanskriti Gharat	Boxing	Individual	University	Sports
16	Arya Thale	Gold Medal	Individual	Mumbai University Inter	Sports





				Collegiate Wrestling (Men),	
17	Aditya Thakur	National Kickboxing Championship 2023	Individual	National	Sports
18	Aditya Thakur	Light Contact	Individual	National	Sports
19	Aditya Thakur	Point Fight	Individual	National	Sports
20	Pratham Goverkar-	TEAM RENOVATION:Valorant Campus Stars	Individual	University	Sports
21	Yash Warke	9th State Tennis Championship	Individual	University	Sports
22	Sanskruiti Gharat	Inter Collegiate Kokan Zone Boxing Tournament 2022	Individual	State	Sports
23	Ishwari Kondilkar	Best Female Representative	Individual	National Level Motorsports Competition - 8th Quad Torc, Madurai	Sports
24	Sandesh Devadiga	Best Rider	Individual	National Level Motorsports Competition - 8th Quad Torc, Madurai	Sports
25	Team Starkers Motorsports	All India Rank 2, 1st in acceleration, 1st in Traction test, 1st in Suspension test 1st in Kill the hill 1st in Endurance 1st in Assembly Disassembly	Team	National Level Motorsports Competition - 8th Quad Torc, Madurai	Sports

### b. Faculty Awards

Sr. No.	Dept	Name of Faculty	Title of Award	Name of Organization	Purpose	Date
1	CIVIL	Ms. Madhulika Sinha	Reviewer	Research on Engineering Structures and Materials	Reviewer of paper	15-Aug-22
2		Dr. Shilpa Kewate	Elite Top 100 Green Building Consultants of India	ECONAUR	Green Building Consultants of India	12-Oct-22
3		Dr. Karthik Nagrajan	Reviewer	American Journal of Remote Sensing	Reviewer of paper	05-Jul-22
4		Dr. G. R. Patil	Reviewer	Journal of Institution of Engineers Series-A	Reviewer of paper	Aug-22
5			Speaker	Athma Malik Institute of Technology	Expert Lecture	17th October 2022



6	Mr. Raju Narwade	Best HOD of the year	International Association of Research and Developed Organisation	IARDO Education Excellence Award	13th August 2022
7		Participation in IEI NMLC FCRIT Excellence Awards	IEI NMLC FCRIT	Research Excellence in Teaching and Faculty Regional Category	16th September 2022
8	Dr. Karthik Nagrajan	President's Appreciation Medal -2022	IIRS	Annual Convention & National Symposium on the theme "Geospatial Technology: Journey from Data to Intelligence", being organized by the Hyderabad chapter of ISRS and in partnership with Geospatial Media	November (15 - 17, 2022)
9		Best Academic Leader	International Association of Research and Developed Organisation under India Educational Charitable Trust, Ghaziabad in association with Cheran College of Engineering, Karur	IARDO Educational Excellence Award 2022	13th August 2022.
10		Keynote Speaker	NPR College of Engineering and Technology, Natham	Impact Lecture Series	09th July 2022
11		Keynote Speaker	IT Department, PHCET	Webinar	25th July 2022
12		Keynote Speaker	Civil Department, PHCET	Webinar	26th July 2022
13		Keynote Speaker	University of Jammu Special Purpose Vehicle Foundation (UOJSPVF), University of Jammu	Webinar	27th July 2022
14		Keynote Speaker	Mechanical Engineering Department, PHCET	Webinar	27th July 2022



15		Keynote Speaker	Electrical Engineering Department, PHCET	Webinar	28th July 2022
16		Keynote Speaker	Computer Engineering Department, PHCET	Webinar	29th July 2022
17		Keynote Speaker	School of Allied Health Sciences, Selam	Webinar	30th July 2022
18		Keynote Speaker	Civil Department, PHCET	Webinar	05th August 2022
19		Keynote Speaker	Vignan's Lara Institute of Technology and Science	Webinar	19th August 2022
20		Keynote Speaker	Haji Liyakhat School & Junior College	Webinar	20th August 2022
21		Keynote Speaker	Ananth School	Webinar	23th August 2022
22		Keynote Speaker	Saraswati Institute Of Technology, Kharghar, Navi Mumbai	Webinar	24th August 2022
23		Keynote Speaker	ITM University, Raipur	Webinar	30th August 2022
24		Keynote Speaker	Dr.A.R.Undre School and College, Gholi, Shrivardhan	Webinar	11th September 2022
25		Keynote Speaker	Anjuman Islam, Janjira Branch, Shrivardhan	Webinar	12th September 2022
26		Keynote Speaker	Dr.A.R.Undre_Rajapuri Branch_Shrivardhan	Webinar	13th September 2022
27		Keynote Speaker	Dr.A.R.Undre_Tudil Branch_Shrivardhan	Webinar	14th September 2022
28		Keynote Speaker	Dr.A.R.Undre_Borli Branch_Shrivardhan	Webinar	19th September 2022
29		Keynote Speaker	Pandurang Changu Patil Jr College _Uran	Webinar	23th September 2022
30		Keynote Speaker	Pandurang Changu Patil Jr College _Uran	Webinar	28th September 2022
31		Keynote Speaker	SNDT Women's University	Webinar	29th September 2022
32		Keynote Speaker	Pawar Public School, Dombivali	Webinar	07th October 2022
33		Keynote Speaker	Civil Department, PHCET	Webinar	10th October 2022
34		Keynote Speaker	Sanjay Ghodawat International School	Webinar	10th October 2022



35			Keynote Speaker	Sophia Girl's College, Ajmeer	Webinar	17th October 2022
36			Keynote Speaker	NAJ Academy, Murud	Webinar	02nd November 2022
37			Keynote Speaker	Mehaboob Education Trust, Murud	Webinar	03rd November 2022
38			Keynote Speaker	Anjuman Islam, Janjira Branch	Webinar	07th November 2022
39			Keynote Speaker	Pillai HOCL School	Webinar	09th November 2022
40	<b>COMP</b>	Rohini Bhosale	Reviewer	5th IEEE-International Conference on "Advances in Science & Technology (IEEE-ICAST - 2022)" at KJSIEIT, Sion, Mumbai	Research paper review	Dec, 2022
41		Rajashree Gadhawe	Reviewer	UGC CARE JOURNAL "JOURNAL OF SCIEIENTIFIC RESEARCH"	Reviewer	20th Aug, 2022
42			Syllabus setting of ML, DL and Optimization in ML.	University of Mumbai	Syllabus setting	09th Aug, 2022
43	<b>ECS</b>	Mansi Subhedar	Nominated as member, IEEE India Council Industry Academia Young Professoanls Committee	IEEE India Council	Colloboration of Industry and academia for activities at all INDIA IEEE Section	16-Feb-23
44			Selected as Vice Chair, Conference Committee, IEEE Bombay Section	IEEE Bombay Section	Coordinating IEEE Confernces under IEEE Bombay Section	14-Jan-23
45			Nominated as Expert evaluation committee member for the final round evaluation of NEAT 3.0 products/courses.	AICTE	Evaluation of Producted to be relased by AICTE	16-Jan-23



46		Dr. Divya Chirayil	Reviewer	Taylor and Francis	Journal of Cybernetic and Systems - Science Citation Index Expanded; Scopus. Ref.: Ms. No. UCBS-2022-0268	Mar-23
47			Reviewer	IEEE Bombay Section	International Conference on Advanced Computing Technologies and Applications 2023	Jun-23
48			Best Educators	International Association of Research and Developed Organisation	IARDO Educational Excellence Award -2022	13-Aug-22
49			Reviewer	IEEE Bombay Section	2022 IEEE 19th India Council International Conference (INDICON)	Nov. 24 - 26, 2022

**11. Number of students who passed competitive examination:  
NET/GATE/GRE/GMAT/CET**

Sr. No.	Dept	Competitive Examination	No. of students appeared	No. of students passed
1	CIVIL	GATE	22	NIL

**12. Details of the Study Visits of Students**

Sr. No.	Dept.	Place of visit	Name of the accompanying Faculty	Purpose	Date
1	CIVIL	Airoli Kathai Naka Freeway	Dr. Shilpa Kewate, Ms. Manisha Jamgade	Site Visit as per syllabus	14th October 2022



2		Utsav Chowk, Kharghar	Mr. Prashant Singh, Mr. Manish Mane, Ms. Apurva Deshpande, Ms. Ashwini P	Traffic Survey	15th October 2022
3		ONGC Laboratory, Panvel	Dr. Amit Dasgupta	Site Visit as per syllabus	27th October 2022
4		Monteria Resort Karjat	Ms. Smitha J S, Mr. Prashanth Singh Mr. Chaitanya Khaire Ms. Madhulika Sinha	Survey Project	31st March to 01st April 2023
5		Chaitarali RMC Plant	Ms. Madhulika Sinha Mr. Chaitanya Khaire	Site Visit as per syllabus	10th April 2022
6		STP, Kharghar	Ms. Manisha Jamgade, Mr. Chaitanya Khaire	Site Visit as per syllabus	11th April 2023
7		PHCET	Dr. G. R. Patil	Site Visit as per syllabus	15th February 2023
8		CIDCO Project, Nerul	Ms. Manisha Jamgade	Site Visit as per syllabus	09th June 2023
9		CETTM MTNL ,Powai	Ms. Snehal Chitale,Ms.Rajashree Gadhawe	To learn and study emerging technologies in telecommunication and networking.	11th October 2022
10	<b>COMP</b>	Industrial Visit to "Cyber forensic Lab	Ms.Rohini Bhosale,Ms.Srijita Bhattacharya,Ms.Pradnya Patil	It cleaedr the concepts and techniques associated with physical infrastructure security devices, systems and techniques used to combat theft, prevent physical damage, maintain system integrity and services, and limit unauthorized disclosure of information.	28-Feb-23
11		Giant Metrewave Radio Telescope (GMRT), Junnar, Narayangaon, Pune	Dr. Mansi Subhedar, Ms.Priya Tambe, Mr. Mithun Nair	Study Satellite and Optical Fibre Systems	28th February 2023
12	<b>COMP</b>	Smart Kalyan Dombivli Development Corporation Ltd., Kalyan (W)	Ms. Rekha Dhawan, Mr. Jayesh Rane	Smart City Study	18th August, 2022



13	<b>ELEC</b>	L&T Switchgear Training Centre, MIDC Bhosari, Pune	Prof. Pranita Chavan, Prof. Aamir Shaikh and Prof. Supriya Shigwan	Site Visit as per syllabus	22 nd March 2023
14	<b>MECH</b>	Industrial Visit at 'Chatrapati Sahakari Sakhar Karkhana, Indapur, Pune', Center of Excellence (CoE) In Dairy Baramati, Krishi Vidyan Kendra Baramati, Indian Bio Diesel Corporation Baramati,	Mr. Hemant Patil Vaibhav Bhagat Mr. Rahul Warghane Mrs. Sayali Kulkarni Mr. Atul Jade	Site Visit For better understanding of concept	29-07-2022
15		Industrial Visit at Adani Power plant,Dahanu	Mr. Atul Jade	Site Visit as per syllabus	27-01-2023
16	<b>ASH</b>	Patalganga water plant, Mohopada	Dr. Avinash Gatade, Sunita Khansole	Site Visit For better understanding of concept	07-12-2022

### 13. Social Initiatives undertaken by the students:

Sr. No.	Name of the activity	Organising unit/ agency/ collaborating agency	No. of participants
1	Community service day	Mahatma Education Society	250
2	Tree Plantation drive	NSS Unit, Pillai HOC College of Engineering & Technology	55
3	Blood Donation Camp	NSS Unit, Pillai HOC College of Engineering & Technology	84
4	Rangoli, Drawing and Singing Competition	NSS Unit, Pillai HOC College of Engineering & Technology	45
5	Mass Singing of National Anthem	NSS Unit, Pillai HOC College of Engineering & Technology	103
6	Patriotic movie under har ghar tiranga	NSS Unit, Pillai HOC College of Engineering & Technology	150
7	Flag distribution in campus and adopted village	NSS Unit, Pillai HOC College of Engineering & Technology	100
8	A talk on Freedom Movement in India	NSS Unit, Pillai HOC College of Engineering & Technology	84
9	Unity Day Run and Oath	NSS Unit, Pillai HOC College of Engineering & Technology	23
10	Constitution Day	Pillai HOC College of Engineering & Technology	140
11	Swacha Bharat Abhiyan at Adpted Village	NSS Unit, Pillai HOC College of Engineering & Technology	31
12	Intellectual session on Disaster Management	NSS Unit, Pillai HOC College of Engineering & Technology	31
13	Intellectual session Importance of Adhyatma	NSS Unit, Pillai HOC College of Engineering & Technology	31



14	Intellectual session science behind superstition	NSS Unit, Pillai HOC College of Engineering & Technology	31
15	Intellectual session Electrical home safety	NSS Unit, Pillai HOC College of Engineering & Technology	31
16	Rally on Road Safety at Adpted Village	NSS Unit, Pillai HOC College of Engineering & Technology	31
17	Intellectual session on Sarpamitra	NSS Unit, Pillai HOC College of Engineering & Technology	31
18	Plastic Waste Collection at Adopted Village	NSS Unit, Pillai HOC College of Engineering & Technology	31
19	Games for kids in Adopted Village	NSS Unit, Pillai HOC College of Engineering & Technology	31
20	Celebration of Mahatma Phule Birth Anniversary	Pillai HOC College of Engineering & Technology	150
21	Celebration of Dr Babasaheb Ambedkar's 132nd Birth Anniversary	Pillai HOC College of Engineering & Technology	150
22	World Environment Day	Pillai HOC College of Engineering & Technology	154

#### 14. Internship

Dept Name	CIVIL	COMP	ELEC	EXTC	IT	MECH
Student count	57	17	11	06		

#### 15. Campus Placement

Dept.	CIVIL	COMP	ELEC	EXTC	IT	MECH
Student Count	10	49	11	03	11	17

#### 16. Other activities of the Department

##### a. Workshops for students

Sr. No.	Dept	Title of the workshop	Date
1	COMP	Design Thinking, Innovation And Startup	29th July, 2022
2		Insights of Data Science and Machine Learning with its Applications	4th July, 2022





3		IPR and Patent Filing	4th August, 2022
4		Lecture on History of Independence (Institute Level)	16th August, 2022
5		Session on ETHNOTECH-IIOP (Institute Level)	22th August, 2022
6		Internet of Things	23rd August, 2022
7		Descendants- GDSC Orientation 2022	13th September 2022
8		Quiz Competition	19th September 2022
9		TECH THRIVE: Internet of Things(Chapter 2) IOT hands on	21st September, 2022
10		Learn Blockchain 101	26th September, 2022
11		Tech Thrive: Internet of things – Chapter 3)	3rd October. 2022
12		Coding Fest 2.0	4th October 2022
13		Inception: Traversing The Domains	6th October, 2022
14		Industry Visit at “CETTM MTNL”	11th October, 2022
15		Hands-On Workshop on Meetup of compose community	15-Jan-22
16		Hands-On Workshop on No Code No Bugs	18-Jan-23
17		WORKSHOP ON DSA with Sami Ahmed	22-Feb-23
18		Cyber security and Social media hacking	2nd March, 2023
19		Soft Skills for Interviews and Business Communication	9th March, 2023
20		Introduction to Industry Technologies	25th February, 2023
21	<b>ECS</b>	Hands-on workshop on STEM Education using Internet of Things	19th to 22nd July 2022
22		Workshop on 3D Printing and Laser cutting	27th July 2022
23		A Workshop on Pseudo code writing	1st August 2022
24		One day Hands-on Workshop on Robotics	25th January 2023



25		One day Hands-on Workshop on Arduino Programming	24th March 2023
26	<b>ELEC</b>	workshop on “PCB DESIGN AND FABRICATION”	17 th March 2023
27	<b>IT</b>	Hands-On Workshop on Dev Mela	10-Mar-23
28		Hands-On Workshop on Descendants-Orientation and Info Session	13-Sep-22
29		Workshop on “DJANGO”	22-Sep-22
30		Hands-On Workshop on Play Around Web	29 September 20222
31		Hands-On Workshop on VUE.JS	29 September 20222
32		Hands-On Workshop Inception-Traversing through Domains	06-Oct-22
33		Hands-On Workshop on Git and GitHub	11-Dec-22
34		Hands-On Workshop on Jamming with Gaming	18-Dec-22
35		Hands-On Workshop on Google Summer of Code	04-Jan-23
36		WORKSHOP ON Fundamentals of Compose with Adit Lal (GDE)	08-Jan-23
37	<b>MECH</b>	ASM Materials Camp	December 16-18, 2022
38		Workshop on Drone Technology	December 19, 2022
39	<b>ASH</b>	Workshop on Email writing and etiquette	10-03-2023
40		Workshop on Essential of calculus	08-03-2023
41		Workshop on Personal growth through respective practices	08-03-2023
42		Workshop on To know the basics of Maths	06-03-2023

**b. Any other student activities:**

Sr.No.	Dept	Activities	Place and Organization involved	No. of students participated
1	<b>COMP</b>	National Level Hackthon-1.0	PHCET	250



2		Engineer's Day	9th-floor auditorium	200
3		Teacher's Day	9th-floor auditorium	200
4		Tree Plantation	PHCET	50
5	<b>CIVIL</b>	Strengthened Quiz Competition	Quiz Competition	30
6	<b>ASH</b>	Library orientation Programme	PHCET Library	270
7		Fresher"s day	9th-floor auditorium	350
8	<b>IT</b>	IOT Exhibition	Lab D-404	78
9		Engineer's Day	9th-floor auditorium	200
	<b>MECH</b>	Engineer's Day	3rd-floor Seminar Hall	65

### 17. MOUs signed.

Sr. No.	Name of the MoU / Collaboration / linkage	Name of the collaborating agency / institution / industry / corporate house with whom the MoU / collaboration / linkage is made, with contact details	Year of signing MoU / collaboration / linkage	Duration of MoU / collaboration / linkage	List the actual activities under each MOU and web -links year-wise
1	My Captain, E-learning platform	My Captain	23.08.2022	6 months	TechThrive:Internet of things(Chapter1) Workshop
2	Reva Technologies, New Panvel	Reva Technologies	04.09.2022	3 years	Industrial training, Skill development programs
3	Aptech Learning, Panvel	Aptech Learning Panvel	17.05.2023	Till either party cancel	Industrial training, Skill development programs
4	Tata power skill development institute (TPSDI)	Tata power skill development institute (TPSDI)	08.10.2022	1 YEAR	Industrial training, Skill development programs



5	Bloomzen pvt ltd, Badlapur	Bloomzen pvt ltd	02.03.2023	3 yr	Industrial training, Skill development programs
6	Empowring Zealous Brain pvt ltd, Uttar Pradesh	Empowring Zealous Brain pvt ltd	23.07.2022	1 yr	Industrial training, Skill development programs
7	UTPNN GREENTECH PVT LTD, navi Mumbai	UTPNN GREENTECH PVT LTD,	04.04.2023	1 yr	Industrial training, Skill development programs, consulting projects.
8	Rashtriya Chemicals and Fertilizers Ltd. (RCF)	RCF, Sion, Mumbai 22	16.06.2022	1 yr	Industrial training, Skill development programs
9	REU Engineering and consulting, Kamothe	REU Engineering and consulting, Kamothe	23.08.2022	4 year	Internship, Placement
10	Isnee Motorssports Private Ltd, Bijnor	Isnee Motorssports Private Ltd, Bijnor	23.08.2022	1 yr	Training, placement
11	Dream to Reality	Dream to Reality	May 2023- May 2028	5 years	Research and training

### 18. List of Donors

Sr. No.	Name of the Donor (Individual/Organization) Address	Amount of Donation	Purpose of the Donation	Date on which received
1.	--	-	--	--

### 19. Alumni Association

- a. Do you have a Department Alumni Association? Yes
- b. If Yes, what are activities undertaken?

### 20. BE Project

Group No.	Dept	Title of the Project	Student Name	Guide Name
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1	COMP	Secure Manhole detection system with sensors	Numair Shaikh	Ms. Shrutika Khobaragade
			Siddhi Pawar	
			Sakshi Shetkar	
2		Software Defect Projection via Deep Learning	Pushkar Patil	Mr. Rahul Kapse
			Johan Vijayan	
			Prathamesh Pandey	
			Pranali Patil	
3		Counterfeit Product Detection Using Blockchain	Khushbu Bhatia	Ms. Shrutika Khobaragade
			Aryan Khandagle	
	Karan Savaliya			
4	Medical Supplies Delivery Drone	Sanskriti Kharsamble	Ms. Rajashree Gadhawe	
		Sami Ahmed		
		Shivam Prasad		
5	Water quality assessment through remote sensing images	Prajwal Save	Ms. Ekta Ukey	
		Shubham Nikam		
		Babita Yadav		
6	Blockchain based NGO Management Application	Yash Kadam	Ms. Rohini Bhosale	
		Yash Deshmukh		
		Sejal Bhoir		
7	Crop Health Monitoring and Weed Detection using Drone Technology	Harsh Shah	Dr. J. W. Bakal	
		Simran Surve		
		Amar Honrao		
8	Data Mechinator for AI Application	Sakshi Dudhankar	Mr. Rahul Kapse	
		Arpita Patil		
		Aniket Sawant		
9		Prajwal Vijaykumar Mali		



		Crypto Lending and Hedge Fund Platform(Liquifi)	Abhishek Singh	Ms. Srijita Bhattacharjee
			Siddhi Thakare	
10		BioTelemetry to avoid delay in the hospital using IOT	Aditya Madhavi	Ms. Archana Augustine
			Gayatri Mhatre	
			Devang Parate	
11		Detection of Deepfakes using ML and DL	Sanket Ichale	Ms. Prajakta Pote
			Ruthik Ingale	
			Abhishek Nikam	
12		Security Monitoring Intelligence System using IOT	Shruti Walunj	Ms. Archana Augustine
			Anushka Gurbe	
			Roshan Shinde	
13		Instant Response Garbage Disposal Using Android Application	Tanuja Patil	Dr. J. W. Bakal
			Vedant Pingale	
			Palash Walali	
14		IOT based Air Pollution Monitoring System	Dhiraj Badgujar	Ms. Ekta Ukey
			Omkar Berde	
			Ronit Patil	
			Shreyas Manchekar	
15		Decentralised Ride Sharing Application	Shreyash Gurav	Ms. Rohini Bhosale
			Sanket Salvi	
			Sakshi Chauhan	
16		Multifunction CV analyzer	Salil Liman	Dr. B. K. Sarkar
			Abhishek Raha	
			Sanika Rajurkar	
17		Backup Solid Drive for Ransomware Protection	Kunal Gujar	Ms. Srijita Bhattacharjee
			Pratik Jagdale	
			Swapnil Yadav	



18	Decentralized Social Media using Blockchain	Harshavardhan Kadam	Ms. Dhanashri Sakhare
		Sakshi Nikum	
		Aman Sen	
19	Automatic Agriculture Robot for Cotton Harvesting	Vaishnavi Sonawane	Ms. Prajakta Pote
		Siddhi Wani	
		Ruchira Warke	
20	Smart application to Monitor the health of roads	Sarafaraj Shah	Ms. Nikita Saindane
		Sujwal Latke	
		Kaushal Bhoir	
21	Smart Kitchen Wardrobe System Based On IOT	Viraj Dige	Ms. Nikita Saindane
		Pratham Surve	
		Shubham Patil	
22	Mountain Climber's Health & GPS Tracking	Krutika Bhagane	Ms. Shrutika Khobaragade
		Nikhil Bhosale	
		Abhishek Gambre	
23	Online Transaction Fraud Detection System Using HMM And Behaviour Analysis	Tanuja Bhoir	Mr. Abhijeet More
		Dnyaneshwari Khane	
		Mansi Nagane	
24	IOT based Smart Saline Bottle	Nivedita Gawade	Ms. Snehal Shinde
		Rucha Mahalkar	
		Sakshi More	
25	Swift Water Rescue Robot Using Iot	Sonali Gandharkar	Mr. Abhijeet More
		Sakshi Gaud	
		Shivani Jadhav	
26	Mobile Application for Academic Activities	Pratik Popeta	Ms. Snehal Shinde
		Pranjal Powale	



			Sanskruiti Gharat	
27	Smart CCTV for Daycare		Shubham Shinde	Ms. Snehal Shinde
			Dayal Thakur	
			Yash Warke	
28	Waste management System using IOT		Bhushan Khanavkar	Ms. Prajakta Pote
			Shubham Gapat	
			Riddhi Bhonkar	
29	Blood Banking via Cloud Computing using ML tracking the blood donor location at real time		Shrushti Patil	Mr. Abhijeet More
			Kiran Shelke	
			Nupur Mahajan	
30	Decentralised Parking Spaces		Sanket Shigaonkar	Ms. Suchita Walke
			Abhishek Vetral	
			Pranav Yeolekar	
31	Illegal Fishing Activity Detection		Omkar Hadawle	Ms. Nikita Saindane
			Kaushal Kadu	
			Siddharth Shinde	
32	Digital data tamper detection		Vardan Sawant	Ms. Dhanashri Sakhare
			Nishit Shetty	
			Sushant Patil	
33	Reward Based Blockchain System		Anish Ghogare	Ms. Suchita Walke
			Paavana Shetty	
			Lavlesh Singh	
34	Implementing a Multi-tenant system using a Document -based NOSQL Database		Meet Pokar	Ms. Snehal Chitale
			Naval Singh	
			Keerthi Pillai	
35	AI Based Email Extracting & Sending System		Ketan Nimase	Dr. B. K. Sarkar
			Siddhesh Thakur	





			Sahil Gaonkar	
36	ML Recommendation Engine for Career Guidance		Shubham Dalvi	Mr. Rahul Kapse
			Manish Khade	
			Nihar Khot	
37	Fake user identification and duplication using Aadhaar card number		Karan B Patil	Ms. Snehal Chitale
			Tushar Jadhav	
			Shriyash Patil	
38	Smart Safety Head Gear		Linoy Ralph	Ms. Ekta Ukey
			Harshal Sonawane	
			Fahed shaikh	
39	Biometric Authentication for land verification using AI		Khalid Indi	Ms. Srijita Bhattacharjee
			Vivek chandekar	
			Durgesh patil	
40	Blind Assistant using Computer Vision		Vibhav Kulavmode	Ms. Suchita Walke
			Priti Maurya	
			Harshali Patil	
41	Smart automated dustbin		Aditya Dhangar	Ms. Snehal Chitale
			Khan Sahil	
			Zoya Shaikh	
			Yash Tiwari	
42	E-user Identification using BlockChain		Vismay Yerunkar	Dr. J. W. Bakal
			Ashish Sinha	
			Vamshi Vadnala	
43	Arduino Based Child Rescue System from Bore wells		Om Raut	Ms. Rajashree Gadhawe
			Swapnil khanpate	
			Suraj Jambhale	
44			Sakshi More	



		A wearable IOT device for AI-Enabled Hearing Assistance Automation	Sayali Patil	Ms. Rajashree Gadhawe	
			Prasanna Salavi		
45		NearBuddy -Secure location based social media platform	Parth Pitrubhakta	Ms. Rohini Bhosale	
			Rishabh Mehta		
			Madhura Khade		
46		Smart Criminal Tracking System	Tanmay Choudhari	Ms. Archana Augustine	
			Soham Dharap		
			Yuvraj jadhav		
47	Civil	Application of alternate reinforcing material for ferrocement elements.	Ghodke Shubham Sanjay	Dr. G. R. Patil	
			Gaikwad Prajwal Prakash		
			Gaikwad Mayuri Milind		
			Mehetar Rohit Bhaskar		
48		Dynamic evaluation of framed structure using friction plate dampers		Tandel Amey Kalpesh	Dr. G. R. Patil
				Bhoir Omkar Manoj	
				Patil Vinit Ajit	
				Patil Viraj Dnyanesh	
49		Assessment of retrofitted RCC beams and columns		Sankpal Yash	Dr. G. R. Patil
				Mhatre Rutvij	
	Mhatre Samarth				
	Mhatre Mayuri				
50	Experimental investigations on Precast Park Bench using Sustainable reinforcement		Patil Pritam Rajaram	Dr. Shilpa Kewate	
			Damde Rohit Krishna		
			Mestry Sudhanshu Sudhir		
			Mhatre Harsh Shashikant		



51	Use of carbon fibre for strengthening of reinforced concrete members	Joshi Sagar Jugalkishore	Dr. Shilpa Kewate
		Patil Manish Chandrakant	
		Valmiki Manish Ravindra	
		Tare Vedant Yateesh	
52	Eco-friendly Light emitting Precast Panels	Vishwakarma Krishna Gonappa	Dr. Shilpa Kewate
		Chaudhari Aniket Rajendra	
		Purohit Rugved	
		Madav Aditya Babu	
53	Infra Structural Development of Smart Village Development Under Mahatma Gandhi Nation Council Of Rural Education	Kamale Pranav	Dr. Karthik Nagrajan
		Murkar Sahil	
		Thombare Gaurav	
		Patel Suhas	
54	Sustainable Smart Village Development Under Mahatma Gandhi Nation Council Of Rural Education	Aniket kumar Singh	Dr. Karthik Nagrajan
		Suyash Suryakant Thakur	
		Prasad Rajesh Thorve	
		Anand Anirudh Mishra	
55	Soil Structure Interaction effects on seismic behaviour of elevated water tank with different staging configuration	Pandit Abhishek	Dr. Karthik Nagrajan
		Shedge Abhishek	
		Kisave Rajat Jaydeep	
		Pawar Shubham Shirish	
56	Process and manufacture of P- Tiles from waste plastic and other required materials	Aditya A. Jadhav	Mr. Raju Narwade
		Atharva S. Ugale	
		Varad Salunkhe	
57	Mitigation of Ground Water depletion	Barde Kalpesh Shashikant	Mr. Raju Narwade
		Sahoo Rajkumar Ranjit	
		Lohakare Prabhat Shivaji	
		Singh Adarsh Surendrakumar	
58		Mayur pawar	Mr. Raju Narwade



	Experimental Investigation on coir and iron wool fibre Reinforced hollow clay Bricks	Vishwakarma Ritesh	
		Badhe Tushar	
		Behra Ganesh Tilakram	
59	Experimental Investigation on construction and other waste materials in Ferrocement Paver block	Daware Asad Farid	Ms. Manisha Jangade
		Jadhav Mohit Kiran	
		Sayyed Aafreen Zakir	
		More Megha Dinkar	
60	Experimental Study of Waste Tiles - Granite & Marble in Concrete	Aniket Vasant Mohite	Ms. Manisha Jangade
		Deep Vasant Patel	
		Harsh Pankaj Nayak	
		Ganesh kadam	
61	Experimental study on effect of recycle concrete on conventional brick	Damade Rahul Govind	Ms. Manisha Jangade
		More Dipak Shantaram	
		Bhagwat Samrat Bajrang	
		Tandel Nitesh Bharat	
62	Experimental study for determining the strength of Plastic bricks	Karote Ritesh Bhagwan	Ms. Madhulika Sinha
		Raut Krushna Govind	
		Mate Vivek Ulhas	
		Manve Amar Namdev	
63	Assessment of strength of pervious concrete with recycled aggregates	Mhatre Saurabh Prabhakar	Ms. Madhulika Sinha
		Wankhade Rutika Santosh	
		Gaikwad Priyanka Shivaji	
		Kasare Anjali Ashok	
64	Experimental study Paver blocks of Concrete with Recycled Aggregates and Partial Replacement of Cement	Adith selverajan	Ms. Madhulika Sinha
		Vishnu panicker	
		Prathamesh Pawar	
		Nildhe Amol	
65		Bhoir Abhijeet Dayal	Mr. Anwar Sayyed



		Analysis and design bubble deck slab	Dubariya Uttam kanji	
			Sawant Pratham Sadanand	
			Wahul Aniket sahebrao	
66		structural audit for a residential building	Saloni Sanjay Sarode	Mr. Anwar Sayyed
			Samiksha Sopan Bhagat	
			Siddhesh Anandrao Shinde	
			Darshan Sunil Badekar	
67		Challenges in Dynamic architecture implementations	Salunke Dheeraj Prakash	Mr. Anwar Sayyed
			Mandake Omkar Sanjay	
			Bhende Sahil Krishna	
			Ahire Dipesh Ganesh	
68		Life Cycle Analysis of Residential Building	Thakur Pallavi Prabhakar	Ms. Smitha J S
			Gharat Roshani Ratnakar	
			Hambir Keshav Janu	
69		Manufacture of Blocks using Recycled Aggregates	Saurav Panse	Ms. Smitha J S
			Prasad Parkar	
			Hemanshu Khatal	
			Jay Shah	
70		Design of Plastic Bricks using 3-D Printing and Modeling of Office Building using Plastic Bricks	Patil Puja	Ms. Smitha J S
			Shinde Dhanashree	
			Jambhale Pranjal	
			Bagore Shantanu Nandkumar	
71		Comparative Analysis Of Cost Overrun And Time Delay In Road Construction	Kapre Suraj Hanumant	Mr. Manish Mane
			Mohammad Fazil Ashar	
			Mahadik sairaj santosh	
			Swain Satyabrat	
72			Prajakta Kadave	Mr. Manish Mane



		Construction of railway sleepers using banana stem fibre	Tirtha Mhatre	
			Manali Thule	
			Mhatre Shubham Shekhar	
73		Multipurpose Bridge Automation.	Siddiqui Mohd Saif Mohd Sazid	Mr. Manish Mane
			Gamre Nikhil Nagsen	
			Raut Devang Gajanan	
			Kule Harsh Rajendra	
74		Use of water hycinth for water treatment	Kumbhar Sahil Naresh	Ms. Apurva Deshpande
			Bhagat Harshal Kiran	
			Bhagat Nikhil Dattatra	
			Patil Bhavesh Pradeep	
75		Treatment of RO Rejected water	Deshmukh Prathamesh Dilip	Ms. Apurva Deshpande
			Hatmode Praful Parshuram	
			Gurav Mandar Mohan	
			Pandey Tejas Milind	
76		Use of industrial waste for the construction of Paver Block.	Shreyas Chanche	Ms. Apurva Deshpande
			Rushikesh Patil	
			Haresh Sonawane	
			Sonalkar Ojas	
77		Lightweight base isolation system using FRP Laminate Elastomer	Patil Nidhi	Ms. Ashwini P
			Mhaskar Saloni	
			Patil Mahesh	
			Kamble Sunny	
78		Zero energy smart street light system for highways	Vyapari Monish Surendra	Ms. Ashwini P
			Singh Ayush Arbind	
			Wadkar Rajan	
			Pawan sonawale	



79		Eco friendly paver block using Textile Sludge and graphite for cold regions	Samadi Likhit	Ms. Ashwini P
			Thevar Shanmugaraja	
			Nachankar Pratik	
			Padekar Kumudi	
80	ECS	Portable Head Mouse for Divyaang People	Barshi Atharva Ashok	Prof. Upendra Patil
			Pandit Srushti Pramod	
			Surve Chinmay Subhash	
81		Smart Wearables for rescuers/victims	Gopane Hritik Pralhad	Ms. Pooja Kulkarni
			Patil Anish Mahadev	
			Patil Jaydip Rajendra	
82		Black Box for Two Wheelers	Bobade Omkar Rajendra	Mr. Jayesh Rane
			Magdum Vaishnavi Krishna	
			Palwankar Sanchit Vilas	
83	ELEC	Medicine Delivery Drone	Mr. Sagar Patil	Mr. Aamir Shaikh
			Mr. Amey Dandekar	
			Mr. Shubham Mhatre	
			Mr. Omkar Dhakre	
84		Solar Cell Parameters Extraction	Mr. Chirag Patil	Mr. Asokan Selvaraj
			Mr. Hritik Mhatre	
			Mr. Rohit Goyaji	
			Mr. Monish Bhagat	
85		Design of Solar Canopies for Multiple Applications	Mr. Avish Ghayawat	Mr. Asokan Selvaraj
			Mr. Akshay Gaikwad	
			Mr. Suyog Mone	
			Mr. Rohit Khupse	
86		Automated Modern Wheelchair	Mr. Prathamesh Dinkar	Ms. Pranita Chavan
			Mr. Sujeet Patil	
			Mr. Ashutosh Koli	



			Mr. Deepak Kamble	
87	Solar Inverter for Roti Making Application		Ms. Bharati Sutar	Ms. Pranita Chavan
			Ms. Akansha Madhavi	
			Ms. Roshani Bhoir	
			Ms. Vaishnavi Mhatre	
88	Regenerative Braking		Mr. Pratikesh Deshmukh	Mr. Ramrao More
			Mr. Dinesh Kapal	
			Mr. Jayesh Kamble	
			Mr. Aadinath Pawar	
89	Energy Audit of Prasol Chemicals at Khopoli		Mr. Darpan Patil	Ms. Sangeetha Rajagopal
			Mr. Aditya Fundekar	
			Mr. Vignesh Sawant	
			Mr. Tanish Gurav	
90	Oil Skimmer RC Boat		Mr. Shubham Desai	Ms. Sangeetha Rajagopal
			Mr. Saurav Jadhav	
			Mr. Yash Shinde	
			Ms. Mansi Bamugade	
91	Smart Solar Energy Monitoring System using IOT		Ms. Riika Rai	Ms. Supriya Shigwan
			Ms. Akansha Shid	
			Mr. Shubham Kamble	
			Mr. Pranav Shinde	
92	Design Methodology of Solar Power System		Ms. Vaishnavi Thopate	Ms. Supriya Shigwan
			Mr. Shubham Jadhav	
			Mr. Sanket Panchlinge	
			Mr. Shreyash Sawant	
93	Six Axis Robotic Arm using Arduino for Industrial Application		Mr. Trunal Goyaji	Ms. Lakshmi C.R.
			Mr. Roshan Patil	
			Mr. Ajinkya Mahadik	





94		Space and Military Operation Rover	Mr. Shubham Pawar	Ms. Ronita Pawn
			Mr. Vipin Kamble	
			Mr. Amit Kadam	
95		Solar Vaccum Cleaner for Indoor Application	Ms.Harshala Jadhav	Ms. Ronita Pawn
			Ms.Priyanka Ghutukade	
			Mr. Kunal Dikle	
96	IT	Deep Learning Based Cyclone Intensity Estimation using INSAT-3D IR Imagery	Vivek Pawar	Ms. Poonam R. Pathak
			Mihir Chewale	
			Anurag Sarvankar	
97	IT	Malicious URL Verification Using Machine Learning	Omkar Parab	Dr. Biplab Sarkar
			Nishad Patil	
			Vidhi Patil	
98	IT	Smart Eyes Health Detection	Abhijeet Chaskar	Ms. Rupali Sathe
			Atharva Sakpal	
			Dinbandhu Sharma	
99	IT	Vcode- Online Code Editer	Tejas Magade	Ms. Poonam R. Pathak
			Avishkar Vichare	
			Shreyas Repale	
100	IT	Smishing Detection using Machine learning	Aakanksha Chavan	Ms.Poonam B.Lad
			Bhavika Rajput	
			Omkar Shetye	
101	IT	E-Medic Champ: Smart System for Child Mental health Diagnosis and Rehabilitation using AI	Bhavya N. Parmar	Dr. Divya Y. Chirayil
			Rabee Shaikh	
			Nitin Singh	
102	IT	Doctoria- Your Health Buddy	Nitish Shetty	Ms. Rupali Sathe
			Rutuja Kore	
			Pritish Parkar	



103	An Artificial Intelligence Based Rainfall Prediction System	Shweta Palve	Dr. Divya Y. Chirayil
		Pavitra Patil	
		Shweta Thakur	
104	Smart Control of Traffic Light System Using AI	Nikhil Chavan	Dr. Biplab Sarkar
		Sameep Dokhale	
		Nisarga Abhay Deshmukh	
		Kunal Mhatre	
105	E- Voting and Fraud Prevention System Using Block Chain	Prathamesh Patil	Dr. J. W. Bakal
		Ganesh Dabade	
		Shubham Mahato	
106	Application of Intelligent Recommendation for Agricultural Information	Riddhi Manik Gharat	Ms. Prachi Sorte
		Saurav P Karande	
		Sejal Giridhar Patil	
		Ankita Mahtre	
107	Mature Extension using Deep Learning	Abhijeet Mahesh Mundhe	Mr. Siddhesh Khanvilkar
		Prasad Sanjay Jumare	
		Prachi Jagannath Sardekar	
108	Automated Notes Maker from Audio Recordings	Vaibhavi Vivek Patil	Ms. Rupali Sathe
		Shruti Sanjeev Deshmukh	
		Purva chavrekar	
		Pranjal suryakant khade	
109	Automatic Detection and prediction of Cardiac Arrest through Gadgets using Deep Learning and Image Processing	Hindavi Mhatre	Dr. Divya Y. Chirayil
		Yash Madankar	
		Suraj Pawar	
110	Blood Detection and Solution for Accident Victims	Shubham Tukaram Patil	Ms. Poonam R. Pathak
		Adarsh Ashok Poojary	



			Sakshi Jayant Jadhav	
			Nirja Abhay Deshmukh	
111		Kiddie Cure: Home Remedies Assistant for Child Healthcare	Saloni Shailesh Bhoir	Ms. Kajal Patel
			Aditi Jeevan Mhatre	
			Raj Patil	
			Shashank Kamble	
112		Geo Location Based Donation App	Akanksha Rajendra Kamble	Ms. Prachi Sorte
			Jyoti Vijaykumar Hattarke	
			Anjali Ganpat Damade	
113		Mudra(Text to Speech Conversion with Hand Gestures)	HRUSHIKESH DHANAJI TAMBE	Ms.Poonam B.Lad
			Rohit Pralhad Katkar	
			Srikant Jampal	
			Vishal balasaheb bochare	
114		Graphical Password Authentication using Block Chain Technology	Pravin Mishra	Mr. Siddhesh Khanvilkar
			Vishal Mali	
			Yashraj Patil	
115		Smart map Based Attendance Monitoring System	Bhawesha Ahire	Ms. Kajal Patel
			Rohan Bhunesar	
			Nishant Patil	
			Rasika Patil	
116		Students' Academic Performance Using Neural Networks	Saad Kothiwala	Ms. Prachi Sorte
			Pravin Kudupudi	
			Zaid Mujawar	
			Aditi Mhatre	
117	MECH	Pneumatic operated orbital revetting machine	Shahane Mihir Manoj	Mr. Sunil Singh Rajput
			Karale Saayujya Santosh	
			Pelia Gurleen singh	
			Deshmukh Harshal Mahesh	



118	Hydrogen fuel cell	Habbu Rishi	Dr. M. D. Nadar
		RATHOD SUMIT NARAYAN	
		Salunkhe Ayush Vdhyadhar	
		Bansode Rohit	
119	Solar dryer	Dalvi Huzefa Mukhtar	Dr. G. V. Patil
		Kadam Milin Sanjay	
		Shedge Suyog Rajaram	
		Sheth Shravan Suyog	
120	3D Printing of Thermoplastics : Characterizing and optimizing the Mechanical Properties	Tate Sagar Dadasaheb	Dr. R C Prasad, Mr. Shashi Bhushan
121	Snake arm robot	Naik Shubham Santosh	Mr. S. N. Kadam
		Pal Himanshu Raghvendra	
		Mahadik Harshad Raghvendra	
		Kolaskar Pranav Santosh	
122	Pick and place robot	Ali Roshan Dharmendra	Mr. Shashi Bhushan
		Ghude Tejas Chandrakant	
		Patil Nayan Manohar	
		Kurangale Rushab Bhau	
123	Design and Development of E-bike/Scooter.	Badekar Vineet Anil	Mr. Hemant Patil
		Gawand Pranav Avinash	
		Ramdharane Sudhanshu Abhijeet	
		Pawar Krutika Sharad	
124	Modelling, Simulation and Control of a Quadcopter Drone	Wavekar Bhagyesh Kishor	Mr. S. N. Kadam
		Patil Sakshi Sadanand	
		Patil Gaurav Sharad	
125	Vortex Exhaust rocket propulsion engine	Sakpal Pratik Ramesh	Dr. M. D. Nadar
		Rahul Hariharan	
		Darves Mandar Devendra	



			Tandel Sanmesh	
126	Design of Solar Grass Cutting Machine	Prajwal Parshuram Kundal	Mr. Manoj Jadhav	
		Mali Niraj Padmakar		
		Kambere Milind Adinath		
		Shelar Nitesh Haribhau		
127	Electric Discharge Machine	Patil Shubham Kishor	Mr. Rahul Warghane	
		Patil Kalpak Kailasnath		
		Bhoir Mayuresh Parshuram		
		Patil Sumit Santosh		
128	Pneumatically operated paper die machine	Yadav Manish Kumar	Mr. Atul Jade	
		Thakur Shreyas Vaibhav		
		Kawale Pritesh Rajan		
		Sonavale Rasika Sandeep		
129	Design and development of tile manufacturing machine	Mane Shubham Gopal	Mr. K. S. Anish	
		Koli Siddhved Shyam		
		Chaudhari ankur Rajendra		
		Deore Mayur Dilip		
130	Development of glass fibre reinforced polymeric composite	Sangeet Ganesh bhoir	Dr. Suhas A. Uthale	
		Patil Rahul Rajendra		
		Patil Manish Kshor		
		Patil Chachad Mihir R.		
131	Design and development of forklift mechanism integrated with AGV for material handling	Rushikesh Dongare	Mr. Shashi Bhushan Sankhyan	
		Ankit Vishwakarma		
		Siddhesh Ghoparkar		
		Patil Pralay Rajesh		
132	Mechanical characterization of Basalt Fibre Reinforced polymeric composite	Jadhav Rupesh Dipak	Dr. Suhas A. Uthale	
		Mahagaonkar Viraj Vishnu		
		Sakpal Sanjog Sanjay		



			Malkar Pranit Dasharath	
133	Semi-automatic water tank cleaner		Patil Ninad	Mr. Atul Jade
			Muqri Ammar Naushad	
			Pimple Niraj Nitin	
134	Development of conceptual framework of logistic model in warehouse		Gupta Niraj Govind	Mrs. Sayali Kulkarni
			Thakur Chaitanya Chhagan	
			Jangam Sahil Narayan	
135	Design and fabrication of pot making machine by using animal waste		Pawar Sahil Deepak	Mr. Swapnil Nawale
			Mane Dipesh Laxman	
			Pandhare Vaibhav Ulhasrao	
			Shimpi Ankit Ramesh	
136	Design and fabrication of pipe and tube bedding machine		Patil Pradneyesh Nitin	Mr. Atul Jade
			MhatreChirag Narendra	
			Gurav Shivam Vikas	
			Bhoir Vedant Dinesh	
137	360 degree rotating fire protecting system		Ambavane Sanskar S	Mr. TRB Sanjai Kumar
			Kudapane Rohit C	
			Tambe Sail I	
			Jadhav Kaustubh S	
138	Design and development of self inflating tyre system for automobile		Hansora Yash Hitesh	Dr. G. V. Patil
			Kondilkar Eshwari Santosh	
			Mandar Arpan Laxman	
139	Testing and Evaluation of properties of Bio-diesel from rice husk		Bhopi Rushikesh Navin	Mr. Rahul Warghane
			More Animesh Shrikant	
			Borse Vedant Rajendra	
			Kange Nishanth Laxman	
140	Identification of bio-diesel properties derived from blend of rice husk and molasses		Bhandare Shubham Santosh	Mr. Rahul Warghane
			Rupnar Prathamesh Somnath	



			Kadam Kaushal Devendra	
			Pahari Abhijeet Ashish	
141		Validation of diagnostic table for machine using FFT spectrum analysis	Vadake Shreyas Hemant	Mr. Manoj Jadhav
			Shinde Jay Prasad	
			Thakur Nihal Nityanand	
			Mattiwad Rohit Mahesh	
142		Motorized solar scare crow bird, animal replellent	Ware Sushant Vinod	Mr. TRB Sanjai Kumar
			Pinjari Manoj Dhuloba	
			Mane Sharad Mahadev	
			Katwate Pranav Shrikant	
143		Designed and fabrication of forklift extender	Mhatre Aakash Sham	Mrs. Sayali Kulkarni
			Pol Siddhant Sanjay	
			Patil Apurv Anant	
			Patil Piyush Prabhakar	
144		Design and fabrication of manually operated (aluminium, steel) pressing machine	Patil Prem Manoj	Mr. T. R. B. Sanjai Kumar
			Patil Siddharth Sanjay	
			Patil Vibhanshu Vidnyesh	
			Patil Swed Mangesh	
145		Automatic seed sowing machine with seed sorting mechanism	Patil Divesh Tulshidas	Mr. Aditya Shinde
			Karad Jitendra B	
			Awaskar Vivek A	
			Magare Dhiraj	
146		Design and fabrication of floating bag pack bag	Wafare Suyog Datttatrav	Mr. K. S. Anish
			Patil Sanjog Sunil	
			Surve Hannan	

### 21. ME Dissertation Completed

Sr. No.	Dept	Title of Project	Name of the Student	Name of the Guide
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1	CIVIL	Analysis of Labour Productivity and Determining the Parameters which affect it in Aluminium Formwork System	Singh Rajinish Rajesh	Dr. Karthik Nagarajan
2		Risk Assessment and Challenges Faced in Repairs and Rehabilitation of Dilapidated Buildings	Khan Sahil Waquar A Majid	Dr. Karthik Nagarajan
3		An Experimental Study of concrete by Partial Replacement of Fine Aggregate with Bakelite Waste	Ravina Bhopi	Dr. Madhulika Sinha
4		Smart Construction Safety Helmet	Vikas Suresh	Mr. Raju Narwade
5		Cost optimization of water distribution system by installing hydropower plant at Hetwane dam, at Pen Dist Raigad	Prashant Sharhare	Dr. Madhulika Sinha
6	EXTC	Dynamic Load Balancing in SDN using energy-aware routing and Optimization Algorithm	J. Dafda	Dr. Mansi Subhedar
7		Intelligent driver assistant system		Mr. Upendra Patil
8	MECH	Design of venturi turbine to recover waste air energy in industrial applications	Mr. Mahadeo Sabale	Dr. Suhas Uthale
9		Design and analysis of paper support roller and shaft assembly of paper slitter - rewinder	Mr. Jagtap Ganesh Raju	Dr. Suhas Uthale
10		Design and development of heat treatment assembly for coating process	Ms. Makone Rupali Prakash	Dr. G.V. Patil
11		Study of air recirculation zone in shared spaces	Ms. Pol Varsha	Dr. G.V. Patil
12		The Development of Composite made from recyclable, and environment friendly materials (HDPE and EPDM)	Mr. Patil Kunal Bharat	Dr. G.V. Patil & Dr. R.C.Prasad
13		Design and Analysis of Medium Utility Chassis of Heavy Motor Vehicle (HMV)	Ms. Mhatre Shrisharada	Dr. G.V. Patil
14		Optimization of leaf spring for better performance	Ms. Patil Pooja	Dr. Dhanraj Tambuskar

## 22. MOOC Courses

### a) Student Details

Sr. No.	Dept	Name of the Student	MOOCs Environment	Name of the Course
1	COMP	Rashmi Kishor Patil	Simplilearn	Introduction to Artificial Intelligence
2		Shriram Sabade.	Udemy	Cyber Security





3	Harsh Dhani	Coursera	AI for Everyone
4	Tanmay Radhakisan Choudhari	Udemy	Data Analytics, ETL & Reporting
5	Gurbe Anushka Rajaram	Infosys Springboard	Learn and Master C Programming For Absolute Beginners!
6	Kashish Verma	Infosys springboard	Responsive Web Development with HTML5, CSS3, JavaScript
7	Kashish Verma	Infosys springboard	Learning Python
8	Siddhi Ankush Kanawade	Offline	Complete Java with Desktop App, Web App & Data Structures
9	Deep Ashok Barvekar	Teachnook	data science with technook
10	Ruchita Kulkarni	Infosys springboard	Basics of Python
11	Gurbe Anushka Rajaram .	Infosys springboard	Learn and Master C Programming For Absolute Beginners!
12	Rashmi Kishor Patil	Google Digital Garage	The Fundamentals of Digital Marketing
13	Meet Nandlal Pokar	ExcelR Solutions	20 hours Live Training Program on Cloud Fundamentals
14	Sanika Patil	Infosys springboard	Active Listening Skills for Students
15	Rashmi Patil	Google Digital Garage	Google Analytics for Beginners
16	Gurbe Anushka Rajaram .	Great Learning	Front End Development-HTML
17	Gurbe Anushka Rajaram .	Great Learning	Front End Development-CSS
18	Yash Joshi	LetsUpgrade	HTML & CSS Essentials Bootcamp
19	Furkan Mustafa	online	Database DML statement and SQL server administration
20	Gurbe Anushka Rajaram .	Great Learning	JAVA Programming
21	Yash Joshi	LetsUpgrade	Essentials program in JAVA ZERO TO HERO
22	Sanika Patil	Infosys springboard	Basics of Python
23	Ishika Salil Raikar	Simpli learn	Introduction to Data Analytics
24	Gurbe Anushka Rajaram .	Great Learning	Software Testing Tutorial



25	Yash Joshi	Infosysspringboard	Networking and Web Technology
26	Yash Joshi	Infosysspringboard	Basics of Python
27	Gurbe Anushka Rajaram .	HackerRank	SQL Basic
28	Tanmay Mahajan	Infosysspringboard	Basics of Python
29	Tanmay Mahajan	Infosysspringboard	Getting Started with Unity 2D Game Development
30	Tanmay Mahajan	Infosysspringboard	Mastering Python
31	Tanmay Mahajan	Infosysspringboard	Java for beginners: Step-by-step hands-on guide to Java
32	Tanmay Mahajan	Infosysspringboard	Introduction to Java
33	Gurbe Anushka Rajaram	Infosys Springboard	Learn and Master C Programming For Absolute Beginners!
34	Ruchita Kulkarni	Infosys Springboard	Basics of Python
35	Pranav Nage	sololearn	Java
36	Rajat Rai	Infosys Springboard	ReactJS
37	Sayali Thombare	DPhi	Basics of Python
38	Shriram Sabade	Udemy	Cybersecurity From Beginner to Expert
39	Babita Yadav	DPhi	NLP
40	Babita Yadav	Cisco	cybersecurity esesentials from cisco
41	Rashmi Patil	Pinnacle	Java
42	Tejas Ugale	Pinnacle	python
43	Sujal Surve	hackerrank,udemy	Java (Basic), Python complete for beginners
44	Zeeshan Shaikh	Infosys Springboard	Intorduction to Java
45	Zeeshan Shaikh	Infosys Springboard	Getting started with Unity 2D Game Development
46	Zeeshan Shaikh	Infosys Springboard	Java for beginners: Step-by-step hands-on guide to Java
47	Zeeshan Shaikh	Infosys Springboard	Mastering Python



48	Zeeshan Shaikh	Infosys Springboard	Basics of Python
49	Saket Prasad	Infosys Springboard	Web development
50	Chandrashekar Waddankeri	Infosys Springboard	Java
51	Sanika Patil	Infosys Springboard	C,C++
52	Ishika Raikar	Skillup	Introduction to data analytics
53	Deep Barvekar	Infosys Springboard	Responsive Web Development with HTML5, CSS3, JavaScript
54	Deep Barvekar	Infosys Springboard	PHP Specialist
55	Deep Barvekar	Great Learning	Java Programming
56	Runali Nevase	Great Learning	introduction to data science
57	Sanika Shinde	Great Learning	Java
58	Dhanashree Patil	Great Learning	Digital Marketing
59	Siddhesh Gadhave	AcmeGrade	Cyber Security
60	Shruti Nitalikar	AcmeGrade	Java
61	Sushant Patra	Udemy	ML & AI
62	Rohit Laxman Udumale	AcmeGrade	CyberSecurity
63	Pranali Santosh Kolhe	edX	Basics of python
64	Ekta Manmohan Kale	Bootcamp	C++ Data Structures And Algorithms
65	Rohan Rajaram Gurbe	Bootcamp	Java programming
66	SAHIL SHEKHAR GAIKWAD	Lets Upgrade	Essential Programming in Python
67	SAHIL SHEKHAR GAIKWAD	SkillSoft	Automated Software Testing
68	Rutesh Bharat Autade	Great Learning	Digital Marketing
69	Sudarshan Pandurang Gaikar	Great Learning	Data Analysis With Python
70	Sudarshan Pandurang Gaikar	Great Learning	Apache Jmeter intro



71	Prasad Uddhav Deshmukh	Redhat	Linux& Advance server configuration
72	Riya Narayan	Infosys Springboard	React JS
73	Rutesh Bharat Autade	Great Learning	Data Science Foundation
74	Rutesh Bharat Autade	Great Learning	Python Fundamentals For Beginners
75	Ashwini Singh	Coursera	crash course on python
76	Anushka Gurbe	Code studio	HTML
77	Anushka Gurbe	HackerRank	CSS
78	Anushka Gurbe	HackerRank	SQL
79	Anushka Gurbe	GreatLearning	Software testing
80	Nandini Bodkhe	acemgrade	WEB Development
81	Shivam Modhave	Infosys   Springboard	Fundamentals of Cryptography
82	Rahi Vilas Thale	Udemy	Complete Python Bootcamp
83	Apurva Manoj Mankame	Linkedin	Getting Started with Python
84	Vishal Dinesh Patil	Linkedin	Cybersecurity From Beginner to Expert
85	Vedant Jagannath Thakur	AWS	Amazon Web Services Inovate Online Conference
86	Babita Ambika Yadav	EDX	Python Basics for Data Science
87	Babita Ambika Yadav	Ai planet	Social Network Analytics
88	Babita Ambika Yadav	Udemy	Big data basics
89	Babita Ambika Yadav	letsupgrade	Data Analysis
90	Babita Ambika Yadav	coursera	Innovation Through Design
91	Babita Ambika Yadav	coursera	Work Smarter, Not Harder:
92	Babita Ambika Yadav	coursera	Foundations: Data, Data, Everywhere
93	Furkan Mustafa	Alison	DML statements and sql server administration
94	Aniket Ambarnath Mhatre	Infosys   SpringBoard	Basics Of Python



95	Swastik Rajaram Mhatre	Great Learning	Python Fundamentals For Beginners
96	Swastik Rajaram Mhatre	Mood Indigo	Cyber security
97	Tanmay Mahajan	infosys	basics of python , mastering python , java for beginner , introduction to java , getting started with unity 2d game development
98	Pratik Ravindra Vehele	PHCET	Python Built-in Method
99	omkar sunilkumar wagh	spark technology	core java
100	Abhishek Shinde	sprk technologies	Core Java
101	Sahil Sanjay Pujari	Sprk technology	Core Java , DSA Essential Bootcamp
102	Mihir Gautam Thakur	Sprk technology	PHP
103	SAHIL SHEKHAR GAIKWAD	Linkedin	FLUTTER PART:01 Introduction
104	SAHIL SHEKHAR GAIKWAD	Linkedin	FLUTTER PART:02 Building Apps
105	SAHIL SHEKHAR GAIKWAD	Linkedin	FLUTTER PART:03 Flutter Widgets
106	SAHIL SHEKHAR GAIKWAD	Linkedin	FLUTTER PART:04 Building an App with State
107	SAHIL SHEKHAR GAIKWAD	Linkedin	FLUTTER PART:05 Flutter and Dart Packages
108	Jui Shailesh Pradhan	learnwik	Cyber security
109	Rutuja Vishwanath Karnuk	learnwik	cyber security
110	Ekta Manmohan Kale	Bootcamp	C++ Data Structures And Algorithms
111	Ekta Manmohan Kale	Bootcamp	C++ Data Structures And Algorithms
112	Ekta Manmohan Kale	Coursera	Programming for Everybody(Getting started with python)
113	Aryan Sandeep Bhosale	Pluralsight	Core Python3 Certificate of completion
114	Aryan Sandeep Bhosale	Pluralsight	HTML Fundamentals
115	Aryan Sandeep Bhosale	Pluralsight	JavaScript Getting Started
116	Aryan Sandeep Bhosale	Pluralsight	Practical Python For Beginners



117		Aryan Sandeep Bhosale	Pluralsight	Python The Big Picture
118		Vinit Shekhar Telavane	lets upgrade	DSA Essentials
119		Vinit Shekhar Telavane	lets upgrade	java programming
120		RASHMI KISHOR PATIL	Simplilearn	Introduction to Artificial Intelligence
121		Shriram Sabade	Udemy	Cyber Security From Beginner to Expert
122		Harsh Dhani	Coursera	AI for Everyone
123		Tanmay Choudhari	Udemy	Alteryx Masterclass for Data Analytics , ETL and Reporting
124		Tanmay Choudhari	AWS	AWS Compute Services and Overview
125		Tanmay Choudhari	AWS	Data Analytics Fundamental
126		Chandrashekar	Great Learning Academy	Java Programming
127		Jitesh Gopale	Coursera	Foundations: Data, Data, Everywhere
128		Sahil Khan	Great Learning Academy	Front End Development HTML
129		Sahil Khan	Great Learning Academy	Front End Development CSS
130		Sahil Khan	Great Learning Academy	iNTRODUCTION TO JAVASCRIPT
131		Tanmay Choudhari	udemy	Marketing Analytics and Retail Business Management
132		RASHMI KISHOR PATIL	Great Learning Academy	Java Programming
133		Sanika Shivdas Shinde	Great Learning Academy	Java Programming
134		Sanika Shivdas Shinde	Simplilearn	Introduction to Artificial Intelligence
135		Shriram Sabade	SOLOLEARN	SQL
136		Vaishnavi Deshmukh	Great Learning Academy	PYTHON FOR ML
137		Shriyash Patil	udemy	Web Development Masterclass
138	E	Abhijeet Dhekane	Udemy	Full stack web development
139		Apurva Gaikwad	great learning	Data Science Foundation
140		Nitish Shetty	Udemy	Ethical Hacking bootcamp 2023:zero to mastery



141	Nitish Shetty	udemy	Cyber Security:hackers exposed
142	Abhijeet Dhekane	ucdaivs	Oracle Database foundation
143	Abhijeet Dhekane	ucdaivs	JavaScript Basics
144	Prachi Sardekar	SkillUp	Introduction to cloud computing
145	Prachi Sardekar	SkillUp	Introduction to Google cloud platform
146	Shubham Gujarushi Wani	OASIS INFOBYTE	Web Development and designing
147	Prathamesh Patil	udemy	UI/UX design with figma :5+ real world project
148	Pravin Mishra	SkillUp	Introduction to cloud computing
149	Yash Madankar	SkillUp	Introduction to cloud computing
150	Vishal Mali	SkillUp	Introduction to cloud computing
151	Pranjal Suryakant Khade	AWS	OTP-AWSD12:Building modern python Application on AWS
152	Saurav P. Karande	SkillUp	Introduction to cloud computing
153	Akanksha Rajendra Kamble	SkillUp	Introduction to cloud computing
154	Sakshi Jadhav	SkillUp	Introduction to cloud computing
155	Jyoti Hattarke	SkillUp	Introduction to cloud computing
156	Riddhi Gharat	SkillUp	Introduction to cloud computing
157	Anjali Damade	SkillUp	Introduction to cloud computing
158	Purva Pravin Chavrekar	udemy	UI/UX design with figma :5+ real world project
159	Saloni Shalesh Bhoir	SkillUp	Introduction to SQL
160	Atharva Sakpal	SkillUp	Introduction to cloud computing
161	Nivedi Joshi	IBM	Developing Cloud Apps with Node.js and React
162	Shivani Kadam	IBM	Data Analysis with python
163	Shubham Gajarushi Wani	Infosys	Intoduction to Cyber Security



164	Deven Gupta	TCS-iON	TCS-iON Career edge-youth professional
165	Vishal Mali	SkillUp	Introduction to cloud computing
166	Dnyaneshwari Vikram Hande	infosys	Introduction to Cyber Security
167	Sohan Rupesh Sakhare	Linkedin	Learning Terraform
168	Jui Magar	great learning	Python Foundation for beginners
169	Manasi Gawand	verzeo	Cyber Security
170	Zaid Mujawar	SkillUp	Introduction to cloud computing
171	Nivedi Joshi	IBM	Developing Cloud Apps with Node.js and React an online non-credit course authorized by IBM Skills Network
172	Shivani Kadam	Upgrade	How to be a successful business analyst
173	Prachi Pingale	Infosys	Basics of Python
174	Yash Yadav	Infosys	HTML Web Development Crash Course
175	Sakshi Shailendra Gole	AWS	AWS-OTP-AWSD15: AWS Cloud Practitioner Essentials
176	Kulsum Jaber Mirza	GDSC	Android Basics with Compase
177	Purva Thavai	Spectrum iTech Training center	Python
178	Abhay Golhar	Spectrum iTech Training center	Python
179	Kothiwala Saad Sajid	SkillUp	Introduction to cloud computing
180	Rasika Patil	SkillUp	Introduction to cloud computing
181	Unnati Khane	GDSC	Android Basics with Compase
182	Sohan Rupesh Sakhare	GDSC	Android Basics with Compase
183	Ketaki Ranjan Limaye	GDSC	Android Basics with Compase
184	Jui Magar	GDSC	Android Basics with Compase
185	Pravin Kudupudi	SkillUp	Introduction to cloud computing
186	Bhavika J Rajput	SkillUp	Introduction to cloud computing





187	Sejal prakash zemse	Great Learning Academy.	Python Fundamentals for Beginners
188	Aditi Prakash Mhatre	SkillUp	Introduction to cloud computing
189	Sakshi Gole	IBM	CAD201EN:Developing cloud native applications
190	Omkar Gajanan Shetye	SkillUp	Introduction to cloud computing
191	Hrushikesh Dhanaji Tambe	SkillUp	Introduction to cloud computing
192	Kothiwala Saad Sajid	SkillUp	Introduction to cloud computing
193	Patil Riddhi Suresh	Infosys	HTML5 - The Language
194	Sohan Rupesh Sakhare	LinkedIn	Kubernetes: The Documentary
195	Poorva Atul Patil	Udemy	Python Bootcamp From Zero to Hero in Python
196	Srikant Santosh Jampal	great learning	Python Fundamental for Beginners
197	Aakansha Chavan	great learning	AWS For Beginners
198	Vaishnavee Dawkar	great learning	Leadership and Management
199	Rohan R. Bhunesar	great learning	Python Fundamentals
200	Bhawesha Raju Ahire	Great Learning	Python Fundamentals for Beginners
201	Nivedi Joshi	Google	IT Security: Defense against the digital dark arts an online non-credit course
202	Deven Gupta	PHCET	bootcam on instagram clone using HTML and CSS
203	Ketaki Ranjan Limaye	PHCET	workshop of Git & Github
204	Vaishnavee Dawkar	Great learning	Software Testing Tutorial
205	Shivani Kadam	Great learning	Statistical Analysis
206	Sejal prakash zemse	Great learning	UI/UX

### b). Faculty Details

Sr. No.	Dept	MOOCs Environment	Name of the Course	Name of the Faculty
1	CIVIL	Udemy	ANSYS Workbench- A Complete Course	Ms. Ashwini P



2	COMP	Udemy	Complete machine learning and Data science bootcamp-2023	Ms. Rohini Bhosale
3		Great Learning Academy	Completed a course on "Front ed Development-HTML"	Ms. Shrutika Khobragade
4		Great Learning Academy	Completed a course on "UI/UX for Beginners"	
5		Infosys Springboard	Completed Infosys Springboard certification on"Advanced CSharp Programming"	Ms. Dipti Patil
6		Edx	EDX course on LFS110x: Business Considerations for 5G with Edge, IoT, and AI by Linux Foundation	Dr. Mansi Subhedar
7		IBM	Getting Started with Enterprise Data Science offered by IBM	Dr. Mansi Subhedar
8		ECS	The Digital Adda	DevOps: Docker, Kubernetes and Terraform
9	Udemy		Preparing for Metaverse Dominated Future of Gloabal Business	Mr. Jayesh Rane
10	Udemy		The JAVA Learning Guide	Mr. Jayesh Rane
11	Edx		AWS Coud Technical Essentials	Dr. Neha Shivhare
12	Edx		Introduction to Cloud Computing	Dr. Neha Shivhare
13	Edx		AWS Cloud Practitioner Essentials	Dr. Neha Shivhare
14	Edx		Python for Data Science	Ms. Rekha Dhawan
15	Udemy		Mastering Data Structures and Algorithms using C and C++	Ms. Pooja Shukre
16	ELEC	Infosys Springboard	Course on Introduction to Data Science by Infosys Springboard	Supriya Shigwan
17		Infosys Springboard	Course on Introduction to Data Science by Infosys Springboard	Lakshmi C. R.
18		Infosys Springboard	Course on IoT Communication Technologiesby Infosys Springboard	Lakshmi C. R.
19		Infosys Springboard	Course on Introduction to Data Science by Infosys Springboard	Ronita Pawn
20		Infosys Springboard	Course on IoT Communication Technologies by Infosys Springboard	Ronita Pawn
21		IT	Edx	Introduction to Web Development with HTML5, CSS3, and JavaScript
22	Edx			
23	MECH	NPTEL	Artificial Intelligence for Investments	Dr.M.D.Nadar
24		NPTEL	Hydrogen Energy: Production,Storage,Transportatio n & Safety	Dr.M.D.Nadar
25	ASH	NPTEL	Understanding Design	Dr.Manvendra Vashistha
26		NPTEL	Hydrogen Energy: Production, Storage, Transportation and Safety	Dr.Manvendra Vashistha
27		NPTEL	The Science of Happiness and Wellbeing	Dr.Manvendra Vashistha



28		IIC Advance Training	Advance Level Innovation Ambassador (IA) Training Program of the Ministry of Education's Innovation Cell and AICTE through the Institution's Innovation Council (IIC)	Sunita Khansole
29		IIC foundation Training	Foundation Level Innovation Ambassador (IA) Training Program of the Ministry of Education's Innovation Cell and AICTE through the Institution's Innovation Council (IIC)	Sunita Khansole

### 23. Special Interest Groups

Sr. No.	Dept	Title of SIG	Group Members
1	CIVIL	Structural Engineering	Dr. Shilpa Kewate
			Dr. G. R. Patil
			Anwarul Haque Sayed
			Madhulika Sinha
			Ashwini P
			Prashant Singh
2	CIVIL	Water Resource Engineering	Manisha Jamgade
			Karthik Nagarajan
			Raju Narwade
3	CIVIL	Environmental Engineering	ApurvaDeshpande
4	CIVIL	Construction Management	Manish Mane
			Smitha J. S.
5	COMP	Databases & Cloud Computing	Ms. Dipti Patil
			Mr. Abhijeet More
			Ms. Shrutika Khobragade



			Ms. Nikita Saindane
6		Networking & Information Security	Ms. Rohini Bhosale
			Ms. Srijita Bhattacharjee
			Ms. Snehal Shinde
			Ms. Akanksha Patil
			Ms. Dhanashri Sakhare
7		AI & Machine Learning	Dr. Reena singh
			Ms. Ekta Ukey
			Ms. Suchita Walke
			Ms. Rajashree Gadhave
			Mr. Rahul kapse
			Dr. Neha Shivhare
8		UX/UI	Ms. Munawira Kotyad
			Ms. Archana Augustine
			Ms. Pradnya Patil
			Ms. Snehal Chitle
9		Control and Automation	Lakshmi C.R.
			Supriya Shigwan
			Sanobar Sayed
10	<b>ELEC</b>	Electrical Machines	Ramrao More
			Sangeetha Rajgopal
11		Renewable Energy	Asokan Selvaraj
			Aamir Shaikh
12		Power Electronics and Power Systems	Pranita Chavan



			Ronita Pawn
13	ECS	Signal Processing	Rekha Dhawan
			Pooja Shukre
14		VLSI and Embedded System	Neha Rai
			Shashikant Renushe
			Upendra Patil
15		Microwave Engineering	Mithun Nair
			Priya Tambe
16		Intelligent Systems	Mansi Subhedar
			Jayesh Rane
17		IT	Database
	Ms. Poonam Lad		
18	Network and Security		Ms. Rupali Sathe,
			Ms. Poonam Pathak
19	IoT & Wireless Technology		Dr. Divya Chirayil,
			Ms. Rupali Sathe
20	AI & ML		Ms. Komal Golimbade,
			Ms. Poonam Pathak
21	Software Engineering		Ms. Poonam Pathak,
			Mr. Siddhesh Khanvilkar
22	Ecommerce and Technology	Ms. Poonam Pathak,	
		Mr. Siddhesh Khanvilkar	
23	Programming	Ms. Prachi Sorte	
		Ms. Poonam Lad	



24	<b>MECH</b>	Design	Dr. Gajendra Patil	
			Mr. Rahul Warghane	
			Ms.Ashwini Kadam	
			Mr. Aditya Shinde	
			Mr. Hemant Patil	
25		Materials Manufacturing, Modelling and Failure Analysis	Dr. R. C. Prasad	
			Dr. M. D. Nadar	
			Mrs. Sayali Kulkarni	
			Mr. Manoj K Jadhav	
			Mr. Atul V Jade	
			Dr. Suhas Uthale	
			Mr. Swapnil Nawale	
26		Automobile Engineering	Mr. Amar Jadhav	
			Mr. Vaibhav Bhagat	
			Mr. Saurabh Sirsikar	
			Mr. Vivek Meshram	
27		Robotics, Control and Autonomous Systems	Mr. Shishirkumar N. Kadam	
			Mr. Shashi Bhushan	
28		<b>ASH</b>	Chemical Separation Techniques	Avinash T.Gatade
				Sunita S.Khansole
				Sanjay B.Ghorpade
29		Public Speaking	Poonam M.Patil	
			Suma L.Podnolanna	



			Vikram A.Pawar
30		Fuzzylogic And Neural Networks	Avinash J.Kamble
			HarshdaPratham
31		Numerical Methods And Dataanalysis	Sheetal S.Rithe
			Vijaya Shelke
			Jagdish Parate
32		Hydrogen Storage Materials, Nano and photovoltaic cell	Dr. Manvendra Vashistha
			Nilesh Raut
			Vishakha J.Gajghate

#### 24. Final Year Result: AY 2022-23

Program Name	Number of students appeared in the final year examination	Number of students passed the final year examination
B.E. Automobile Engineering	25	19
B.E. Civil Engineering	130	110
B.E. Computer Engineering	141	136
B.E. Electrical Engineering	49	35
B.E. Electronics and Telecommunication Engineering	9	8
B.E. Information Technology	71	65
B.E. Mechanical Engineering	113	99

#### 25. National Level Hackathon : HackOverflow 1.0

Hackoverflow 2023 was a 3-day national level hackathon conducted by the Department of Computer Engineering which was held from 16<sup>th</sup> March 2023 to 18<sup>th</sup> March 2023 for the students. This 36-hour hackathon aimed at providing a platform for all the keen students who took this opportunity to showcase their coding skills and teamwork. Students had an opportunity to develop projects on themes like Social Welfare, Fintech, Open Source, Healthcare, AI/ML, AR/VR, Blockchain and Sustainability. The event got a

great response with 150+ team's nationwide responses, out of which 62 teams were shortlisted to compete in this hackathon based on their excellent project ideas. The event was well supported by various sponsors and with an amazing prize pool of worth Rs 1 lakh. This hackathon was organized in both online and offline modes. With such active student participation, it was indeed a spectacular event.

Hackoverflow 1.0 was dignified by truly unique and supportive panel members. Mr. Anjani Kumar Thakur from Google, Dr. Yogesh Jadhav and Dr. Varunakshi Bhojane were the part of the judging panel.

The winners were awarded cash prizes and certificates, and their solutions were recognized for their innovation and impact.

### HACKOVERFLOW 1.0 3-day long National Level Hackathon



## euforia





# PHCL 2022

