

**Mandatory Disclosure**

Update on 12/03/2022 at 3.00 PM

**1 AICTE File NO.**

F. No. L : 06/07/MS/ENGG/2008/44  
F. No. Western/1-688388251/2012/EOA

**Date & Period of last**

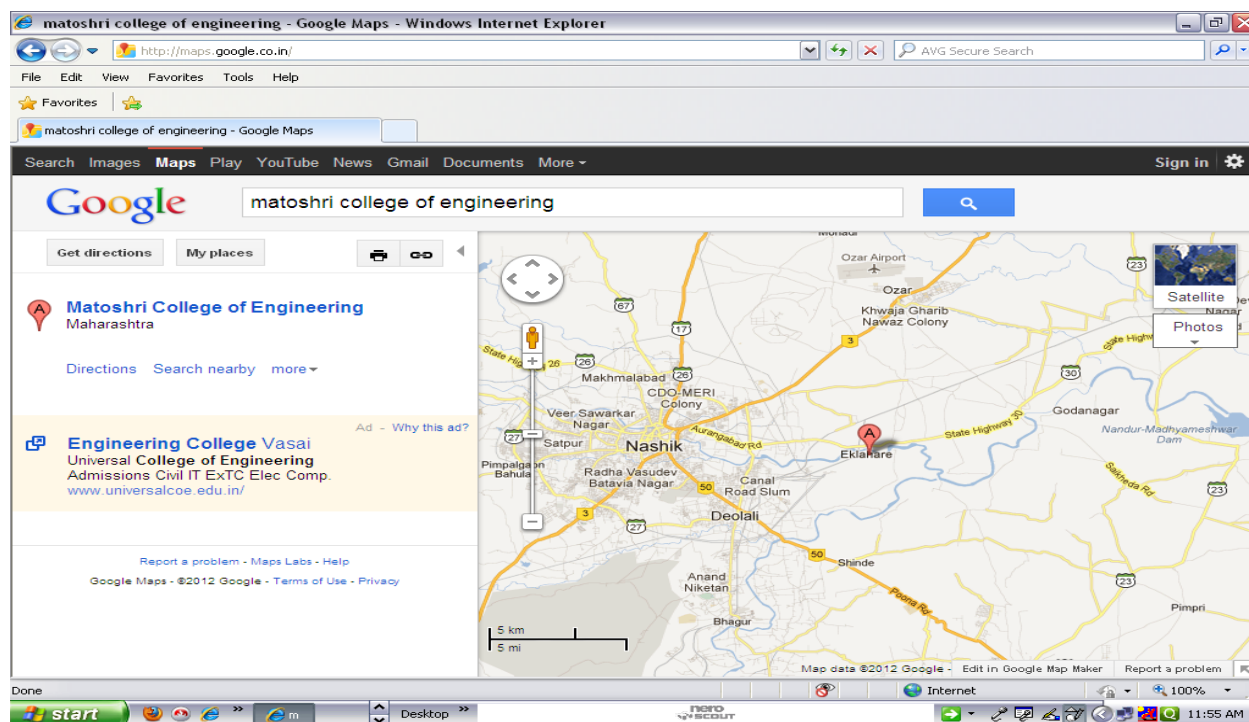
24/08/2020 at 2.00 PM

**2 Name of the Institution**

**Matoshri College of Engineering & Research  
Centre, Eklahare, Nashik**

**Address of the Institution**

Near Odha gaon Aurangabad Highway, Eklahare,  
Nashik – 422105, Maharashtra.



**Longitude & Latitude**

19.590 and 73.540

**Phone number with STD Code**

0253- 2406600 to 99

**Fax number with STD Code**

0253-2406610

**Office hours at the Institution**

10.00 a.m to 5.30 p.m

**Academic hours at the Institution**

8.00 a.m. to 5.00 p.m

**Email**

[gkkharate@yahoo.co.in](mailto:gkkharate@yahoo.co.in)  
[matoshriceo.hr@gmail.com](mailto:matoshriceo.hr@gmail.com)

**Website**

<https://engg.matoshri.edu.in>

**Nearest Railway Station (dist in Km)**

Nashik Road (15 Km)

**Nearest Airport (dist in Km)**

HAL, Ozar, (Nashik) 20Kms

**3 Type of Institution**

Private-Self Financed

Category (1) of the Institution

Non Minority

Category (2) of the Institution

Co-Ed

- 4 Name of the organization running the Institution** Maoshri Education Society, Yeola  
 Dist – Nashik.  
 Type of the organization Society  
 Address of the organization Near Market yard, Darade Complex,  
 Yeola, Dist- Nashik- 423401.  
 Registered with Government of Maharashtra  
 Registration date 05/01/2005  
 Website of the organization <https://engg.matoshri.edu.in>
- .5 Name of the affiliating University / Board** Savitribai Phule University of Pune. Pune  
 Address Ganesh Khind, Pune-411007.  
 Website <http://www.unipune.ac.in/>  
 Latest affiliation period 2016-17
- 6 Name of Principal / Director** Dr. G. K. Kharate  
 Exact Designation Principal  
 Phone number with STD code 0253-2406611  
 Fax number with STD code 0253-2406610  
 Email [gkkharate@rediffmail.com](mailto:gkkharate@rediffmail.com)  
 Highest Degree Ph D  
 Field of specialization Electronics & Telecommunication

## 7 Various committees

### Governing Body

Sr. No.	Name of Member	Designation
1	Mr. Darade Kishor B.	Chairman
2	Er. Darade Kunal N.	Member
3	Dr. AvhadPrashant S.	Member
4	Member Secretary, AICTE, R.O., Mumbai	Member
5	Dr. Kharat Vilas	Member
6	Dr. Kulkarni Omprakash G.	Member
7	Dr. KakadShrikant P.	Member
8	Joint Director, DTE, RO, Nashik	Member
9	Dr. PatilVarsha H.	Member
10	Prof. DigheDevidas D.	Member
11	Dr. KharateGajanan K.	Member Secretary

**Frequency of meetings: 6 Months**

## Institute Academic Advisory Committee

Sr. No.	Name of Member	Designation
1	Dr. Kharate Gajanan K.	Chairman(Principal)
2	Dr. Patil Varsha H.	Member (Academic Dean, Vice Principal, Head of Computer Department)
3	Mr. Shukla Shailendra N.	Member (Head of Engineering Sciences)
4	Mr. Bhale Niranjana L	Member (Head of IT Department)
5	Dr. Bhangale Jayant H	Member (Head of Mechanical Department)
6	Dr. Saner Amol B.	Member (Head of Civil Department)
7	Mr. Dighe Devidas D.	Member (Head of E & TC Department)
8	Mr. Khule Shridhar S	Member (Head of Electrical Department)

- Frequency of meetings: 6 months

## Startups and Innovation Cell (Incubation Centre)

Sr. No.	Designation	Name	Contact	Email-id
1	Principal	Dr. G. K. Kharate	9604788280	<a href="mailto:gkkharate@rediffmail.com">gkkharate@rediffmail.com</a> gkkharate@matoshri.edu.in
2	Head, Startups & Innovation Cell	Dr. V. H. Patil	7588619283	<a href="mailto:varsha.patil@gmail.com">varsha.patil@gmail.com</a> varsha.patil@matoshri.edu.in
3	Coordinator, Startups & Innovation Cell	Mr. H. M. Pawar	9503550611	<a href="mailto:pawarhiru333@gmail.com">pawarhiru333@gmail.com</a> hiralal.pawar@matoshri.edu.in

- Frequency of meetings: 6 months

## Supportive Committee of T&P Cell for Incubation Centre

Sr. No.	Designation	Name	Contact	Email-id
1	Head, Training & Placement Cell	Dr. Nilesh C. Ghuge	7588037522	nilghuge@gmail.com nilesh.ghuge@matoshri.edu.in

2	TPO Coordinator (Computer)	Mrs.Poonam Dholi	9423074157	dholipoonam03@gmail.com poonam.dholi@matoshri.edu.in
3	TPO Coordinator(IT)	Mrs.ShilpaAdke	8275292066	shiladke@gmail.com shilpa.adke@matoshri.edu.in
4	TPO Coordinator (E&TC)	Mr. Vishwas Wadekar	7972914085	vishwaswadekar@gmail.com <a href="mailto:vishwas.wadekar@matoshri.edu.in">vishwas.wadekar@matoshri.edu.in</a>
5	TPO Coordinator (Electrical)	Mr. SomnathHadpe	8975957802	matoshrielectricaltpo@gmail.com somnath.hadpe@matoshri.edu.in
6	TPO Coordinator (Mechanical)	Mr.PratikSonawane	9595532345	dipak4362@gmail.com pratik.sonawane@matoshri.edu.in
7	TPO Coordinator (Civil)	Mr. HiralalPawar	9503550611	<a href="mailto:pawarhiru333@gmail.com">pawarhiru333@gmail.com</a> <a href="mailto:hiralal.pawar@matoshri.edu.in">hiralal.pawar@matoshri.edu.in</a>
8	TPO Coordinator (AI&DS)	Mr.VeenayaAhire	841280018	<a href="mailto:veenaya.salve@gmail.com">veenaya.salve@gmail.com</a> <a href="mailto:veenaya.ahire@matoshri.edu.in">veenaya.ahire@matoshri.edu.in</a>

- **Frequency of meetings:** 6 months
- **Last Date of Meeting:** 09/12/2021

### Project Coordinators for Incubation Centre

Sr. No.	Designation	Name	Contact	Email-id
1	Project Coordinator (Computer)	Dr. SwatiA. Bhavsar	9657723271	<a href="mailto:bhavsar.swati4@gmail.com">bhavsar.swati4@gmail.com</a> swati.bhavsar@matoshri.edu.in
2	Project coordinator (IT)	Mr.DattatrayShingate	9403531435	<a href="mailto:dattashingate10@gmail.com">dattashingate10@gmail.com</a> dattatray.shingate@matoshri.edu.in
3	Project coordinator (E&TC)	Dr.DnyaneshwarD. Ahire	9021628171	<a href="mailto:dyaneshwar.ahire@matoshri.edu.in">dyaneshwar.ahire@matoshri.edu.in</a>
4	Project coordinator (Electrical)	Mr.Digambar.R. Bhise	9028718820	digambar.bhise@matoshri.edu.in
5	Project coordinator (Mechanical)	Mr.GaneshD. Katala	8459032034	<a href="mailto:ganeshdkatala1985@gmail.com">ganeshdkatala1985@gmail.com</a> <a href="mailto:esh.katala@matoshri.edu.in">esh.katala@matoshri.edu.in</a>
6	Project coordinator (Mechanical)	Mr. HiralalM. Pawar	9503550611	<a href="mailto:pawarhiru333@gmail.com">pawarhiru333@gmail.com</a> hiralal.pawar@matoshri.edu.in

- **Frequency of meetings:** Monthly
- **Last Date of Meeting:**09/12/2021

## Training and Placement Cell Committee

Sr.No	Name of the Member	Designation
1	Nilesh C.Ghuge	TPO
2	Shilpa Adke	IT-Coordinator
3	Poonam Dholi	Computer-Coordinator
4	Pratik Sonawane	Mechanical- Coordinator
5	Vishwas Wadekar	ETC- Coordinator
6	Somnath Hadpe	Electrical- Coordinator
7	Hiralal Patil	Civil- Coordinator
8	Veeneta Ahire	AIDS- Coordinator

- **Frequency of meetings:**6 months
- **Last Date of Meeting:** 09/12/2021

## Women's Grievance Redressal Cell

Sr. No.	Name of Members	Background	E-mail
1	Dr. PatilVarsha H.	Chair person (Vice Principal and Head of Computer Department)	varsha.patil@gmail.com
2	Mr. Shukla Shailendra N.	Member (Head of Engineering Sciences)	snshukla1961@gmail.com
3	Mr. BhaleNiranjan L.	Member (Head of IT Department)	nbhale@gmail.com
4	Dr. AherRanjana	NGO Member	
5	Mrs. Deshmukh Savita A.	Member (Asst. Professor, FE)	deshmukh.savita13@gmail.com
6	Mrs. Aher Minal S.	Member (Asst. Professor, Civil)	minal.aher@matoshri.edu.in
7	Ms. Kokne Saroj B.	Member (Asst. Professor, Electrical)	kokne.saroj@gmail.com
8	Ms. Hire Mayuri R.	Member (Asst. Professor, ETC)	mayurihire30@gmail.com
9	Mrs. Chaudhary Anjali R.	Member (Non-teaching Staff)	anjali.chaudhari@matoshri.edu.in
10	Dr. Khule Rupali S.	Secretary (Asso. Professor, IT)	khulers@gmail.com

**Frequency of Meeting:** Annually minimum two meeting of the committee are held. If in between any complaint is registered, with immediate effect meeting is held to investigate and solve the problem

**Date of last meeting:** 13/11/2021

## Cultural Committee

Sr. No.	Name of Member	Background	Designation
1	Dr. Varsha.H Patil	HOD, Computer Engineering, (Faculty Member – Professor)	Chairman-Vice Principal
2	Mr. Vishwas.R Wadekar	Asst Professor, E&TC Engineering, (Faculty Member)	Secretary
3	Mr.Lokesh. G Kamade	Asst Professor, Mechanical Engineering, (Faculty Member)	Faculty Coordinator
4	Ms.Pooja.G.Baviskar	Asst Professor, Civil Engineering, (Faculty Member)	Faculty Coordinator
5	Ms.Kunjali.C. Jane	Asst Professor, Electrical Engineering, (Faculty Member)	Faculty Coordinator
6	Mrs.Alpana.B.Borse	Asst Professor,Computer Engineering, (FacultyMember)	Faculty Coordinator
7	Ms.Pallavi.P,Pingale	Asst Professor, IT Engineering, (Faculty Member)	Faculty Coordinator
8	Ms.Veenaya.N.Ahire	Asst Professor, AI&DSE ngineering, (FacultyMember)	Faculty Coordinator
9	Mr.Gaurav A Pekhale	T.E Computer Engineering, (Student Member)	Student Coordinator

- Frequency of meetings:Yearly

## Anti Ragging Committee

Sr. No.	Name of the committee member	Designation	Held By	Mobile Number
1	Dr. KharateGajanan K	Chairman	Principal	9422726280
2	Mr. GangurdeJayeshMotilal.	Member	Police Admin	7387450882.
3	Mr. NavnathWaghchaure	Member	Local Media	7588175280
4	Dr. RanjanaAher	Member	Non-Govt. Organization Representative	9420691614
5	Mr. MondheShantaramLaxman	Member	Parent Representative	9921991813
6	Mr.Khule Sameer Shivaji	Member	Student Representative FE	9960679962
7	Mr. PadaleRushikeshRaju	Member	Student Representative TE	9657437160
8	Mr. Shukla Shailendra N.	Member- Secretary	Head, Engineering Sciences	9420026606

- Frequency of meetings: Yearly
- Last Date of Meeting:15/02/2021

## College Grievance Redressal Committee

Sr. No	Name of Members	Designation	Mobile Number	E-mail
1	Dr. Kharate Gajanan K.	Chair Person ( Principal )	9604788280	gkkharate@rediffmail.com
2	Dr.PatilVarsha H.	Member ( Vice Principal and Head of Computer Department )	9881024325	varsha.patil@matoshri.edu.in
3	Prof. Shukla Shailendra N.	Member ( Head of Engineering Sciences )	9420026606	shailendra.shukla@matoshri.edu.in

- Frequency of meetings: Yearly
- Last Date of Meeting:26/02/2021

## Internal Quality Assurance Cell (IQAC)

Sr. No	Name of Member	Background	Designation
1	Dr.Kharate Gajanan K.	Chairperson	Head of Institute
2	Er.Darade Kunal N.	Secretary, Matoshri Education Society	Management Representative
3	Dr.Patil Varsha H.	Vice Principal, Dean Academics	Teacher Representative
4	Dr.Khule Shridhar S.	Professor (Electrical)	Teacher Representative
5	Dr. Shriwastava Rakesh G.	Professor (Electrical)	Coordinator, IQAC
6	Ms. Aher Minal S.	Assistant Professor (Civil)	Teacher Representative
7	Ms. Antapurkar Harshala K.	Assistant Professor (Computer)	Teacher Representative
8	Mr.Pawaskar Rupesh C.	Assistant Professor (Electrical)	Teacher Representative
9	Miss. Hire Mayuri R.	Assistant Professor (E&TC)	Teacher Representative
10	Mr. Shedje Kishor N.	Assistant Professor (Information Technology)	Teacher Representative
11	Mr. Panwar Vikas S.	Assistant Professor (Mechanical)	Teacher Representative
12	Mrs Ahire Veenaya N.	Assistant Professor (AI & Data Science)	Teacher Representative
13	Dr. Rohom Ashwini B.	Assistant Professor (Engineering Science)	Teacher Representative
14	Mrs.Ugale Pallavi .S.	Registrar	Administrative officer
15	Miss. Godse Manisha.N.	Librarian	Library Representative
16	Mr.Yalwande Nilesh.R.	Head, Account section	Account section Representative
17	Mr.Kumavat Nitin. M.	Head, Student section	Student section Representative
18	Mr. Aute Suresh	Member	Employers
19	Mr. Tiwari Ashish Kumar	Member	Industrialist
20	Miss.Wadge Pooja R.	Member	Parent
21	Mr. Rajput Gauraosingh R.	Member	Student

- Frequency of meetings:Quarterly
- Last Date of Meeting:20/05/2021

## National Service schemes Members ( NSS)

Sr.No.	Name of Member	Details	Designation
1.	Dr.G.K.Kharate	Principal, Matoshri MCE&RC, Eklahare,	Chairman
2.	Mrs Arati B. Gaikwad	Programme officer MCE& RC, Eklahare, Nashik.	Programme officer
3.	Mr. V.R. Aranke	Asst. Prof. <b>Electrical Engg.</b>	Staff Coordinator
4.	Mr. B. S. Bodke	Asst. Prof. <b>E &amp; TC Engg.</b>	Staff Coordinator
5.	Miss .Prranjali Jadhav	Asst. Prof. <b>ComputerEngg.</b>	Staff Coordinator
6.	Mr. Khadke S. Khadke	Asst. Prof. <b>Mechanical Engg.</b>	Staff Coordinator
7.	Mrs. Pallavi P. Pingale	Asst. Prof. <b>IT Engg.</b>	Staff Coordinator
8.	Mrs. V.N. Ahire	Asst. Prof. <b>AI&amp;DS Engg.</b>	Staff Coordinator
9.	Mr. Bhamre Radhakrushna Giabrao	Student from TE / BE Class.	Student Coordinator boys
10.	Miss. Kale Gayatri Rajendra	Student from TE / BE Class.	Student Coordinator Girls
11.	Mr. Madhukar Bodke	Former Sarpanch, Dhakambe Village, Tal. Dindori. Dist Nashik.	Social Worker

- Frequency of meetings: Twice in month
- Last Date of Meeting:14/12/2021

## Code of Conduct Monitoring Committee

Sr. No.	Name	Designation
1	Dr. Kharate Gajanan K.	Principal
2	Dr. Patil Varsha H.	HoD, Computer Engineering
3	Mr. Bhale Niranjana L	HoD, Information Technology
4	Dr. Saner Amol B.	HoD, Civil Engineering
5	Dr. Dighe Devidas D.	HoD, Electronics and Telecommunication Engineering
6	Mr. Khule Shridhar S	HoD, Electrical Engineering
7	Dr. Bhangale Jayant H	HoD, Mechanical Engineering
8	Dr. Jayant J. Chopade	HoD, Artificial Intelligence and Data Science

- Frequency of meetings: Yearly
- Last Date of Meeting: 21/06/2021



## Institute Academic Advisory Committee

Sr. No.	Name of Member	Designation
1	Dr. Kharate Gajanan K.	Chairman(Principal)
2	Dr. Patil Varsha H.	Member (Academic Dean, Vice Principal, Head of Computer Department)
3	Mr. Shukla Shailendra N.	Member (Head of Engineering Sciences)
4	Mr. BhaleNiranjan L	Member (Head of IT Department)
5	Dr. Bhangale Jayant H	Member (Head of Mechanical Department)
6	Dr. Saner Amol B.	Member (Head of Civil Department)
7	Dr. Dighe Devidas D.	Member (Head of E & TC Department)
8	Mr. Khule Shridhar S	Member (Head of Electrical Department)

- Frequency of meetings:6 Months
- Last Date of Meeting:

## SC/ST Committee

Sr. No.	Name of Members	Designation
1	Dr. KharateGajanan K.	Chairman (Principal)
2	Dr. Palande Dattatray D.	Voice chairman (Asso. Professor)
3	Dr. PatilVarsha H.	Member (Vice Principal)
4	Mrs.TaydeSandhya V.	Member (Assistant Professor)
5	Ms. PawarShweta	Member (Assistant Professor)
6	Mr. NagareBaban T.	Member O. S.
7	Mr.VisputeLalit V.	Member (Clerk)
8	Mr. Dole Niraj B.	Member-Secretary (Assistant Professor)

- Frequency of meetings: 6 Months
- Last Date of Meeting: 03/12/2021

## Examination Committee

Sr.No.	Name of the Staff	Department	Designation
1	Dr. G.K. Kharate	Principal	Chairman
2	Dr.D.D. Palande	Mechanical	College Examination Officer
3	Mr.S.B.Thakare	Mechanical	Asst. College Examination Officer
4	Mr.R.M.Gawande	Computer	Online Examination Incharge
5	Dr.D.D.Ahire	E& TC	Member
6	Mr.PravinAndhale	Computer	Member
7	Mr.R.R. Kshatriya	Civil	Member
8	Mr.C.R. Shinde	Electrical	Member
9	Mr.T. T. Kapade	Mechanical	Member
10	Mrs.Shweta Pawar	I.T.	Member
11	Mrs.Savita Deshmukh	First Year	Member
12	Mr.Nitin Kumavat	Exam section	Member Secretary

- Frequency of meetings: 6 Months
- Last Date of Meeting: 18/11/2021

## Research Advisory Committee

Sr No.	Name	Designation
1	Dr. Kharate Gajanan K.	Chairman (Principal)
2	Dr. Patil Varsha H.	Member (Vice Principal and Head, Computer Engineering)
3	Dr. Bhangale Jayant H.	Member (Head, Mechanical Engineering)
4	Dr. Gandhe S. T.	Member (Ph. D. Supervisor, E & TC)
5	Dr. Sane S. S.	Member (Ph. D. Supervisor, Computer)
6	Dr. Kharat M. U.	Member (Ph. D. Supervisor, Computer)
7	Dr. Chopade Jayant J.	Member Secretary (Research Coordinator)

- Frequency of meetings: 6 Months
- Last Date of Meeting: 18/06/2021

## Library Advisory Committee

Sr. No.	Name	Designation	Post
1	Dr. Kharate Gajanan K.	Principal	Chairman
2	Dr. Patil Varsha H.	Vice-Principal	Member
3	Dr. Chopade Jayant J.	Professor	Professor In-Charge
4	Mr. Shukla Shailendra N.	HOD (FE)	Member
5	Mr. BhaleNiranjan L.	HOD (IT)	Member
6	Dr. Dighe Devidas D.	HOD (E & TC)	Member
7	Dr. Bhangale Jayant H.	HOD (Mechanical)	Member
8	Dr. Khule Shridhar S.	HOD (Electrical)	Member
9	Ms. Godse Manisha N.	Librarian	Member Secretary

- Frequency of meetings: 6 Months
- Last Date of Meeting: 08/09/2021

## Alumni Association

Sr.No.	Name	details	Designation
1	Ravi Ashok Patil	B.E.Mechanical Lecturer	president
2	Dattatray Sahebrao Shingate	B.E.Computer,AssistantProfessor	Vicepresident
3	Deepak Padmakar Patil	M.E.Mechanical AssistantProfessor	Secretary
4	Vikas Suresh Daund	M.E.Mechanical AssistantProfessor	Treasurer
5	Monali Ravindra Borade	B.E.Computer,Lecturer	Members
6	Parag Shivaji Desale	M.E.Mechanical AssistantProfessor	Members
7	Toshnil Haribhau Bhosale	B.E.CivilLecturer	Members
8	Chetan Pramod Malpathak	B.E.E&TC,Job	Members
9	Pragati Balasaheb Bhapkar	B.E.Electrical,Lecturer	Members
10	Vittal Abaji Chormale	B.E.Mechanical,Job	Members
11	Dr.Gajanan Kashiram Kharate	Principal, MCE&RC,Nashik.	Members

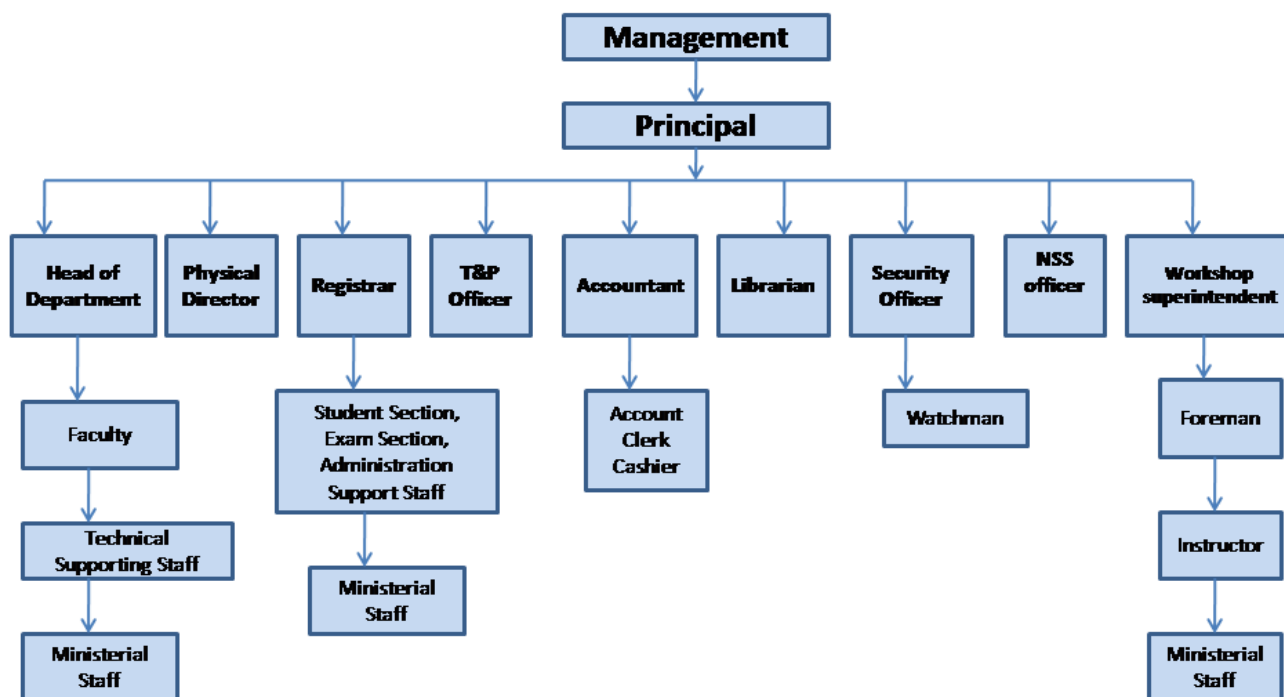
- **Frequency of meetings: Twice in a Year.**
- **Date of las tmeeting.18<sup>th</sup> December 2021.**

## Sport Committee

Sr. No.	Name of Member	Background	Designation
1	Mr. Rakesh S. Mawal	Asst. Professor, Civil Department (Faculty Member)	Sport in charge
2	Mr. Pravin A. Andhale	Asst. Professor, Computer Department (Faculty Member)	Faculty Coordinator
3	Mr. Lokesh G. Kamde	Asst. Professor, Mechanical Department (Faculty Member)	Faculty Coordinator
4	Mrs. Pranali R. Kaiche	Asst. Professor, E&TC Department (Faculty Member)	Faculty Coordinator
5	Mr. Dattatray S. Shingate	Asst. Professor, I.T. Department (Faculty Member)	Faculty Coordinator
6	Mr. Amol . Nirgude	Asst. Professor, Electrical Department (Faculty Member)	Faculty Coordinator
7	Ms. Pooja G. Baviskar	Asst. Professor, Civil Department (Faculty Member)	Faculty Coordinator
8	Mr. Prasad V. Halde	S.E. Information Technology	Student
9	Mr. Bhushan N. Ahirrao	S.E. Electrical Department	Student

No. of Meetings yearly-02

## 8 Organizational Chart



9 Student feedback mechanism  
On Institutional  
Governance / faculty

we have a feedback form which is filled in by the students at the end of each semester for each subject for Performance of teacher

10 Grievance redressal  
Mechanism for faculty,  
Staff and students

A team of faculty and student representative under guidance of principal and registrar are formed for anti ragging grievance redressal For student and women & others

**11 Name of the Department\***

Course

Level

1<sup>st</sup> Year of approval by the Council**Computer Engineering UG**

Engineering

UG

2008-09

		CAY	CAY	CAY	CAY	CAY	CAY
		2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
<b>Year Wise Sanctioned Intake</b>	<b>FE</b>	60	60	60	60	63	63
	<b>SE</b>	60	60	60	60	72	72
	<b>TE</b>	60	60	60	60	72	70
	<b>BE</b>	60	60	60	60	72	70
<b>Year Wise Actual Admission</b>	<b>FE</b>	67	49	48	35	42	54
	<b>SE</b>	76	78	71	58	59	58
	<b>TE</b>	78	82	49	59	52	82
	<b>BE</b>	84	55	64	57	35	81
<b>Cut off marks-General Quota</b>	<b>FE</b>	84.22	71.89	82.25	73.33	51.67	50.33
	<b>SE</b>	93.49	86.80	81.71	75.12	58.18	58.59
	<b>TE</b>	NA	NA	NA	NA	NA	NA
	<b>BE</b>	NA	NA	NA	NA	NA	NA
<b>Students passed with Distinction</b>	<b>FE</b>	NA	NA	NA	NA	NA	13.5
	<b>SE</b>	NA	NA	NA	NA	NA	16.66
	<b>TE</b>	NA	NA	NA	NA	NA	6.68
	<b>BE</b>	NA	NA	NA	8.4	NA	70.37
<b>% Students passed with First Class</b>	<b>FE</b>	NA	NA	NA	NA	NA	14.5
	<b>SE</b>	NA	NA	NA	NA	NA	10
	<b>TE</b>	NA	NA	NA	NA	NA	6.0
	<b>BE</b>	NA	NA	NA	14.26	NA	22.22

Name of the Department\*

Course

Level

1<sup>st</sup> Year of approval by the Council

Computer Engineering PG

Engineering

PG

2011-12

Year Wise Sanctioned Intake		CAY	CAY	CAY	CAY	CAY	CAY	CAY
		2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
Year Wise Sanctioned Intake	I <sup>ST</sup>	18	18	18	18	18	16	18
	II <sup>ND</sup>	18	18	18	18	18	18	18
Year Wise Actual Admission	I <sup>ST</sup>	01	2	2	9	05	04	18
	II <sup>ND</sup>	02	3	6	5	04	17	18
Cut off marks-General Quota	I <sup>ST</sup>	69.07	63.87	69.20	71.53	62.93	65.60	59.93
	II <sup>ND</sup>	NA	NA	NA	NA	NA	NA	NA
% Students passed with Distinction	I <sup>ST</sup>	NA	NA	NA	NA	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	0.2	NA	88.33	77.77
% Students passed with First Class	I <sup>ST</sup>	NA	NA	NA		NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	0.2	NA	11.11	5.55

Name of the Department\*

Course

Level

1<sup>st</sup> Year of approval by the Council

**I.T. Engineering**

Engineering

UG

2008-9

		CAY	CAY	CAY	CAY	CAY	CAY	CAY
		2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
<b>Year Wise Sanctioned Intake</b>	<b>FE</b>	60	60	60	60	63	54	63
	<b>SE</b>	60	60	60	60	72	72	72
	<b>TE</b>	60	60	60	60	72	72	70
	<b>BE</b>	60	60	60	60	72	72	70
	<b>FE</b>	69	47	29	21	19	28	18
<b>Year Wise Actual Admission</b>	<b>SE</b>	74	76	67	27	54	56	16
	<b>TE</b>	74	69	33	53	53	13	63
	<b>BE</b>	69	39	70	36	23	43	41
	<b>FE</b>	69.71	51.19	50.67	61.83	50.33	49.67	28.93
<b>Cut off marks-General Quota</b>	<b>SE</b>	88.69	82.86	79.00	82.44	61.29	65.63	53.38
	<b>TE</b>	NA	NA	NA	NA	NA	NA	NA
	<b>BE</b>	NA	NA	NA	NA	NA	NA	NA
	<b>FE</b>	NA	NA	NA	NA	NA	13.5	00
<b>% Students passed with Distinction</b>	<b>SE</b>	NA	NA	NA	NA	NA	1.85	00
	<b>TE</b>	NA	NA	NA	NA	NA	00	00
	<b>BE</b>	NA	NA	NA	2.52	NA	18.60	16.21
	<b>FE</b>	NA	NA	NA	NA	NA	14.5	5.88
<b>% Students passed with First Class</b>	<b>SE</b>	NA	NA	NA	NA	NA	5.55	<b>6.66</b>
	<b>TE</b>	NA	NA	NA	NA	NA	00	15.71
	<b>BE</b>	NA	NA	NA	3.6	NA	44.18	37.83

Name of the Department\* **Electronics & Telecommunication Engineering**  
 Course **Engineering**  
 Level **UG**  
 1<sup>st</sup> Year of approval by the **2008-09**

		CAY	CAY	CAY	CAY	CAY	CAY	CAY
		2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
<b>Year Wise Sanctioned Intake</b>	<b>FE</b>	60	60	60	60	63	54	63
	<b>SE</b>	60	60	60	60	72	72	72
	<b>TE</b>	60	60	60	60	72	72	70
	<b>BE</b>	60	60	60	60	72	72	70
<b>Year Wise Actual Admission</b>	<b>FE</b>	29	22	32	06	36	49	43
	<b>SE</b>	66	52	31	62	57	67	76
	<b>TE</b>	52	38	65	51	65	39	81
	<b>BE</b>	41	70	54	53	40	76	99
<b>Cut off marks-General Quota</b>	<b>FE</b>	76.75	75.54	55.67	55.00	50.33	53.00	32.35
	<b>SE</b>	90.82	79.35	80.82	85.44	69.65	60.12	63.35
	<b>TE</b>	NA	NA	NA	NA	NA	NA	NA
	<b>BE</b>	NA	NA	NA	NA	NA	NA	NA
<b>% Students passed with Distinction</b>	<b>FE</b>	NA	NA	NA	NA	NA	13.5	2.5
	<b>SE</b>	NA	NA	NA	NA	NA	9.23	<b>16.66</b>
	<b>TE</b>	NA	NA	NA	NA	NA	31.57	11.39
	<b>BE</b>	NA	NA	NA	21.93	NA	49.33	45.91
<b>% Students passed with First Class</b>	<b>FE</b>	NA	NA	NA	NA	NA	14.5	00
	<b>SE</b>	NA	NA	NA	NA	NA	13.84	<b>14.28</b>
	<b>TE</b>	NA	NA	NA	NA	NA	18.42	18.98
	<b>BE</b>	NA	NA	NA	24.99	NA	37.33	45.91





Name of the Department\*

**Mechanical Engineering**

Course

Engineering

Level

UG

1<sup>st</sup> Year of approval by the

2009-10

		CAY	CAY	CAY	CAY	CAY	CAY	CAY
		2020-21	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
<b>Year Wise Sanctioned Intake</b>	FE	120	120	120	120	120	108	120
	SE	120	120	120	180	204	204	204
	TE	120	120	120	180	204	204	200
	BE	120	180	120	180	204	204	200
<b>Year Wise Actual Admission</b>	FE	06	8	38	19	42	30	103
	SE	92	9	99	148	179	214	211
	TE	89	132	131	188	190	150	230
	BE	137	182	173	174	165	201	211
<b>Cut off marks-General Quota</b>	FE	56.15	88.27	54.33	61.67	55.67	52.67	26.10
	SE	97.23	91.59	78.00	81.24	64.18	71.29	64.94
	TE	NA	NA	NA	NA	NA	NA	NA
	BE	NA	NA	NA	NA	NA	NA	NA
<b>% Students passed with Distinction</b>	FE	NA	NA	NA	NA	NA	13.5	4.16
	SE	NA	NA	NA	NA	NA	1.42	<b>2.39</b>
	TE	NA	NA	NA	NA	NA	08.05	07.11
	BE	NA	NA	NA	77.25	NA	38.38	36.04
<b>% Students passed with First Class</b>	FE	NA	NA	NA	NA	NA	14.5	2.08
	SE	NA	NA	NA	NA	NA	4.76	<b>10.52</b>
	TE	NA	NA	NA	NA	NA	22.14	10.66
	BE	NA	NA	NA	NA	NA	40.40	38.07

Name of the Department\*

Mechanical Engineering PG

Course

Engineering

Level

PG

1<sup>st</sup> Year of approval by the Council

2011-12

Year Wise Sanctioned Intake		CAY	CAY	CAY	CAY	CAY	CAY	CAY
		2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
Year Wise Sanctioned Intake	I <sup>ST</sup>	24	24	24	24	24	22	24
	II <sup>ND</sup>	24	24	24	24	24	24	24
Year Wise Actual Admission	I <sup>ST</sup>	00	1	1	03	11	11	24
	II <sup>ND</sup>	01	0	2	9	09	19	19
Cut off marks-General Quota	I <sup>ST</sup>	NA	65.07	72.13	69.87	63.13	64.67	60.07
	II <sup>ND</sup>	NA	NA	NA	NA	NA	NA	NA
% Students passed with Distinction	I <sup>ST</sup>	NA	NA	NA	NA	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	NA	NA	47.36	42.10
% Students passed with First Class	I <sup>ST</sup>	NA	NA	NA	NA	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	0.42	NA	36.84	15.78

Name of the Department\*

Course

Level

1<sup>st</sup> Year of approval by the**Civil Engineering**

Engineering

UG

2010-11

Year Wise Sanctioned Intake		CA Y	CA Y	CA Y	CA Y	CA Y	CAY	CA Y
		2021 221	2020 -21	2019 -20	2018 -19	2017 -18	2016- 17	201 5- 16
Year Wise Sanctioned Intake	FE	120	120	120	120	120	108	120
	SE	120	120	120	120	144	144	144
	TE	120	120	120	120	144	144	140
	BE	120	120	120	120	144	144	140
Year Wise Actual Admission	FE	07	39	16	14	31	25	78
	SE	129	140	139	128	141	149	153
	TE	135	167	125	135	149	101	171
	BE	168	182	118	125	117	142	130
Cut off marks- General Quota	FE	48.3 0	65.1 3	63.6 7	58.6 7	51.3 3	53.67	25.0 8
	SE	93.5 0	87.2 7	82.1 2	84.2 4	67.7 6	67.21	57.0 7
	TE	NA	NA	NA	NA	NA	NA	NA
	BE	NA	NA	NA	NA	NA	NA	NA
% Students passed with Distinction	FE	NA	NA	NA	NA	NA	13.5	2.81
	SE	NA	NA	NA	NA	NA	08.26	2.08
	TE	NA	NA	NA	NA	NA	5.15	3.12
	BE	NA	NA	NA	10.0 0	NA	52.81	16.1 0
% Students passed with First Class	FE	NA	NA	NA	NA	NA	14.5	00
	SE	NA	NA	NA	NA	NA	09.09	6.89
	TE	NA	NA	NA	NA	NA	11.34	5.62
	BE	NA	NA	NA	74.0 4	NA	23.23	37.2 8

Name of the Department\*

Course

Level

1<sup>st</sup> Year of approval by the Council

Civil Engineering PG

Engineering

PG

2014-15

Year Wise Sanctioned Intake		CAY	CAY	CAY	CAY	CAY	CA Y	CAY
		2021- 22	2020- 21	2019- 20	2018- 19	2017-18	2016 -17	2015- 16
Year Wise Actual Admission	I <sup>ST</sup>	24	24	24	24	24	22	24
	II <sup>ND</sup>	24	24	24	24	24	24	24
Cut off marks- General Quota	I <sup>ST</sup>	71.04	89.84	72.40	71.33	60	60.8 0	56.73
	II <sup>ND</sup>	NA	NA	NA	NA	NA	NA	NA
% Students passed with Distinction	I <sup>ST</sup>	NA	NA	NA	0.65	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	NA	NA	70.8 3	13.63
% Students passed with First Class	I <sup>ST</sup>	NA	NA	NA	NA	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	0.65	NA	25.0 0	13.63



Name of the Department\*

Electrical Engineering PG

Course

Engineering

Level

PG

1<sup>st</sup> Year of approval by the Council

2014-15

Year Wise Sanctioned Intake		CAY	CAY	CAY	CAY	CAY	CAY	CAY
		2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
Year Wise Sanctioned Intake	I <sup>ST</sup>	24	24	24	24	24	22	24
	II <sup>ND</sup>	24	24	24	24	24	24	24
Year Wise Actual Admission	I <sup>ST</sup>	03	10	3	19	11	17	24
	II <sup>ND</sup>	08	03	14	10	15	23	23
Cut off marks-General Quota	I <sup>ST</sup>	75.07	68.63	76.67	63.87	65.05	64.67	60.47
	II <sup>ND</sup>	NA	NA	NA	NA	NA	NA	NA
% Students passed with Distinction	I <sup>ST</sup>	NA	NA	NA	NA	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	0.1	NA	52.17	30.43
% Students passed with First Class	I <sup>ST</sup>	NA	NA	NA	NA	NA	NA	NA
	II <sup>ND</sup>	NA	NA	NA	0.1	NA	30.43	13.04

Name of the Department\*

**AIDS Engineering**

Course

Engineering

Level

UG

1<sup>st</sup> Year of approval by the

2020-21

		CAY	CAY	CAY
		2021221	2020-21	2020-21
<b>Year Wise Sanctioned Intake</b>	<b>FE</b>	60	82.39	NA
	<b>SE</b>	60	NA	NA
	<b>TE</b>	NA	NA	NA
	<b>BE</b>	NA	NA	NA
<b>Year Wise Actual Admission</b>	<b>FE</b>	52	NA	NA
	<b>SE</b>	75	NA	NA
	<b>TE</b>	NA	NA	NA
	<b>BE</b>	NA	NA	NA
<b>Cut off marks-General Quota</b>	<b>FE</b>	65.42	NA	NA
	<b>SE</b>	85.89	NA	NA
	<b>TE</b>	NA	NA	NA
	<b>BE</b>	NA	NA	NA
<b>% Students passed with Distinction</b>	<b>FE</b>	NA	NA	NA
	<b>SE</b>	NA	NA	NA
	<b>TE</b>	NA	NA	NA
	<b>BE</b>	NA	NA	NA
<b>% Students passed with First Class</b>	<b>FE</b>	NA	NA	NA
	<b>SE</b>	NA	NA	NA
	<b>TE</b>	NA	NA	NA
	<b>BE</b>	NA	NA	NA

- **Students Placed** yes
- **Average Pay package, Rs./ Year** 2.5-3.5Lakhs
- **Students opted for HigherStudies** 10%
- **Accreditation Status of the Course** NAACAccredated
- **Doctoral Courses** yes ( Computer and E&TC)
- **Foreign Collaborations, if any** yes
- **Professional Society Memberships** yes
- **Professional activities** yes
- **Consultancy activities** Yes
- **Grants fetched** Approx18 Lakhs
- **Departmental Achievements** yes (also through student clubs)



## Department of Computer Engineering

The department of Computer Engineering at Matoshri College of Engineering and Research Centre, Nashik is one of the pioneer departments established in year 2008. The department offers four years undergraduate programme with intake of 60, two years postgraduate programme with intake of 18, and a Doctoral (Ph.D) programme in Computer Engineering.

Curriculum followed is as prescribed by affiliated university. Curriculum is revised at university periodically after 4 years by keeping an eye on the technological advancements and industrial requirements globally. Curriculum is blend of basic science and mathematics courses, core, and advanced domain courses, set of elective courses for learner to choose as per their interest, audit courses, communication skills development and project work.

Head of the department, Professor Dr. Varsha Patil is associated with Engineering Education since August 1990. She has 35 years of teaching experience. She is one of the renowned academicians who have developed herself to be wealth of experience in education and academic administration. She is chairman (Board of Studies, Computer Engineering) since 2018 at Savitribai Phule Pune University.

The Department has well-furnished laboratories equipped with state-of-the-art hardware and software resources, classrooms, department library, and faculty rooms.

The department has blend of experienced and young teachers. Teachers along with imparting knowledge and building skills, mentor students for their overall development and for imbibing morality and values. The department has appreciable track record of placement in industries. Many of our alumni are working at key positions in industries in India and abroad.

An active club for students named “Pinnacle Club” is a platform for students for running various activities and exhibiting their talent. The students are motivated to organize co-curricular and extracurricular activities. Various activities run include expert talks, technical events, contests, seminars, workshop, industry visits, and social visits under the guidance of faculty through Pinnacle club and CSI student branch. Participation and organization of these events cultivates among them the leadership skills, develops team spirit and co-operative nature through which the students learn many aspects of management.

Department is continuously working for all-round development as per guidelines of affiliated university, ‘Savitribai Phule Pune University’. The department is in pursuit to achieve the stated vision by striving to meet the mission statements, contributing towards attainment of the institute vision.

- Students opted for Higher Studies: 7%
- Accreditation Status of the Course NAAC
- Doctoral Courses Yes
- Foreign Collaborations, if any Memberships No
- Professional activities Nil
- Consultancy activities Nil
- Grants fetched 8 Lakhs (BCUD)

The campus is spread over natural landscape of 45 acres. Environment is eco-friendly having noise free and pollution free atmosphere, which makes the place an ideal for learning. Computer Department has a wide range of amenities and facilities that make it complete, well equipped educational destination for the students.

## Departmental Result

Overall Result				
Sr.No	Class	BE	TE	SE
1	Total students	56	81	77
2	Passed	56	81	74
3	Failed	0	0	0
4	Failed with ATKT	0	0	3
5	% of Result All Clear	100.00	100.00	96.00
BE Class Wise Result				
Sr.No	Class	BE	TE	SE
1	Distinction	56	81	74
2	First Class	0	0	0
3	Higher S. Class	0	0	0
4	Second Class	0	0	0
5	Failed With ATKT	0	0	3
6	<b>Total</b>	<b>56</b>	<b>81</b>	<b>81</b>

## PG Toppers Name

SN	Name of the Student	Result [CGPA]	Class
1	Gayatri R Laware	8.75	First Class with Distinction
2	Sulekha V Shardul	8.38	First Class with Distinction

## UG Toppers Name

SN	Name of the Student	Result [CGPA]	Class
1	Aher Pankaj Bhausahab	8.78	First Class with Distinction
2	Ramsakha Akash N	8.49	First Class with Distinction
3	Korde Pranjal Motiram	8.3	First Class with Distinction
4	Ghandat Ankita Sanjay	8.24	First Class with Distinction
5	Pawar Nikita Kautik	8.08	First Class with Distinction
6	Nikam Swapnalee Vilas	7.97	First Class with Distinction
7	Tambe Vaishali Vijay	7.94	First Class with Distinction
8	Gangurde Pooja Raosaheb	7.91	First Class with Distinction
9	Chavan Aakanksha Shashank	7.89	First Class with Distinction
10	Jadhav Shekhar Popat	7.84	First Class with Distinction

## Departmental Library

Library has an extensive collection of academics volumes and titles. In addition the library subscribes popular national and international journals. A large number of digital resources offered by library.

Library provides open access to all staff and students, to access all the terminal facilities, journal indexing, reference services and documentation service etc.

## Sports

Sport is an integral part of the education at Matoshri. The sport facilities at the campus include indoor games, playground, cricket pitch, volleyball court and many more. These facilities exist for on campus medical attention. The health care service is provided absolutely free of cost to all students. Every year one Student sport in-charge is appointed by the Principal.

## Student club

Students of Department of Computer Engg. had established students club having name as "PINNACLE CLUB" on the auspicious day of Gudi Padwa (16th March 2010) The Chief Guest was Mrs. M. A. Shukla , Professor & head of Computer Engineering Department at S. K.N.C.O.E. Pune. & the Guest of Honor was Mr. Rushikesh Jadhv Sr. software Engineer at Persistent System Pune

## Events ,Workshops and Placements

SN	Event Name	Name of org.	Resource Person
1	Expert Talk on Placement Preparation	Eureka-D software Technology	Mr. Kedu Gangurde, Lead Software Developer
2	Aptitude (ESD Training)	Zensar	Anand Rao
3	SQL/PLSQL(ESD Training)	Zensar	Deepa Ubhe, ZensarESD Trainer,9767970481
4	Python(ESD training)	Zensar	Rohit Agrawal, ZensarESD Trainer,9028988681
5	Core Java Programming	Zensar	Mandar Jog, ZensarESD Trainer, 9850127482
6	Workshop "Machine Learning Algorithms and Real time System Development"	LeadSoft IT Solutions, Usmanabad,	Mr. Suraj Pawar
7	Workshop"Java Programming"	LeadSoft IT Solutions	Mr. Amith Ashokan
8	Workshop "Python with Data Structure"	LeadSoft IT Solutions	Mr. Lavish Arora
9	Resume Building	MDI Gurgaon, MIM ESCP	Ajinkya Chopade

10	Free SQL workshop	Giri's Tech hub , Pune,	Mr. Naitik Giri/ Vaishali Giri
11	Free Aptitude Training Workshop 2.0	MDI Gurgaon, MIM ESCP	Ajinkya Chopade
12	Mahindra pride Classroom Training Session	Mahindra pride association with Naandi Foundation	Rubi Pardhi
13	Campus Drive	Financial Software and system,Pune	Mr.Arif Shaikh
14	Mid Brain Activation Workshop	Pert Academy	
15	Issue in Cloud Computing	ESDS	Mr.Shrimant Mane,Mr.Raju Katiriya
16	Tech Fest Project Competitions	Computer Dept.MCERC	
17	Global Career @IT	Institute of Engineer	Dr.Deepak Shikarpur
18	Teachers Day	MCERC	MCERC
19	Republic Day	MCERC	MCERC
20	Health Awareness	MCERC	MCERC
21	Internship Program	IBM	MCERC Students Participated
22	Soft Skills Training Every Week	Computer Dept.MCERC	MCERC Students Participated
23	Aptitude Test Every Friday	Computer Dept.MCERC	
24	Enterpreneueship Awareness Camp	Computer Dept.MCERC	Mr. Kiran Mohite
25	Android Workshop	Computer Dept.MCERC	Emerging Technology, Nashik

### Student Placed:

SN	Students Name	Company Name					Location
1	BARVE GAYATRI DHANANJAY	TCS	Infosys	Wipro			Pune
2	GAIKWAD KOMAL BALASAHEB	TCS	Infosys	Zensar	Wipro		Pune
3	BANSODE SUKANYA SUNIL		Infosys				Pune

4	PAWAR KOMAL DADASAHEB		Infosys				Pune
5	KHEDLEKAR SHREYA KIRAN	Dhoot Transmission	Penerial				Pune
6	WAIKAR ANKITA SHEKHAR		Hexawar e				Pune
7	LABHADE KRISHNA JAGANNATH	Z-Tek Consulting	AMPCUS				Mumbai
8	AHER ASHISH SURYAKANT	Capital via					Indore
9	GARE YOGITA		Agies Technolo gies				Mumbai
10	PATIL SAMARTH SHYAMRAO		Agies Technolo gies				Mumbai
11	BHUTADA ANKITA SANTOSH		Agies Technolo gies				Mumbai
12	MITRA SIMRIN JANE IAN JOSEPH	Dhoot Transmission	Agies Technolo gies	Capital Via			Aurangabad, Mumbai, Indore
13	SANGALE PUNAM PRAKASH	Dhoot Transmission	Agies Technolo gies	WNS	Minit ek Softw are Soluti ons	Ba nke dge	Aurangabad, Mumbai
14	MALI PRANALI DILIP	Dhoot Transmission	Agies Technolo gies	WNS	Bank edge		Aurangabad, Mumbai
15	VARADE KOMAL SURESH	Dhoot Transmission	Agies Technolo gies				Aurangabad, Mumbai
16	PURKAR SAYALI DINKAR	Dhoot Transmission					Aurangabad
17	BORASE HARSHADA GANESH	Dhoot Transmission					Aurangabad
18	GAWALI SHRADDHA SANTOSH	Dhoot Transmission	Z-Tek Consultin g				Aurangabad
19	GODSE DEEPIKA SHARAD	Dhoot Transmission					Aurangabad
20	JADHAV ANKITA PARASHARAM	Dhoot Transmission					Aurangabad
21	PATHADE JAYSHRI BALASAHEB	Dhoot Transmission					Aurangabad
22	PATIL RHUSHIKESH SANTOSH	Dhoot Transmission					Aurangabad
23	SONAR JAGRUTI DILIP	Dhoot Transmission	Just Dial	Bankedg e	Syph or IT Servi ces		Aurangabad
24	SONGIRE PRANALI SANJAY	Dhoot Transmission					Aurangabad

25	MEHARA PRITI SUBHASH	Dhoot Transmission					Aurangabad
26	BHADANE MADHURI NANA	Dhoot Transmission					Aurangabad
27	BIRARI PRASAD PRAVIN	Dhoot Transmission					Aurangabad
28	GITE MANASI ANIL	Dhoot Transmission					Aurangabad
29	JADHAV VRUSHALI RAJENDRA	Dhoot Transmission					Aurangabad
30	KUDAL SHWETA KAILAS	Dhoot Transmission					Aurangabad
31	MAHALLE MOHINI GAJANAN	Dhoot Transmission	Bankedge				Aurangabad
32	NIKAM NUTAN BAJIRAO	Dhoot Transmission					Aurangabad
33	PAGARE SUSHANT SANTOSH	Dhoot Transmission					Aurangabad
34	PAWAR DIVYA BALASAHEB	Dhoot Transmission					Aurangabad
35	SANGALE SNEHAL RAMESH	Dhoot Transmission					Aurangabad
36	WADEKAR ASMITA SHASHIKANT	Dhoot Transmission					Aurangabad
37	GORE ANKITA	Dhoot Transmission					Aurangabad
38	PATIL PRATIK DAYARAM	Bankedge	Mindtree				Pune
39	MUTHAL ADITYA SUDHAKAR	Bankedge					Nashik
40	PAWAR SHUBHAM SANJAY	Bankedge					Nashik
41	HAMBRE PANKAJ SOMNATH	Syphor IT Services					Nashik
42	DUSHING DIPAK NANDU	Syphor IT Services					Nashik
43	DHANVIJ CHETAN ARUN	Syphor IT Services	Z-Tek Consultin g				Nashik

### Staff Publications

1. Dr. Swati Bhasvar, Dr. Varsha H. Patil. "Recommendation System to Predict User Future Movement: A Survey" ICCCC2019
2. Ms. Alpana Borse, Ms. Prajali Jadhav, "Survey on Architecture, quantitative, Applications of Block Chain Technology beyond Crypto currency", ICCCC-2019, MCERC, Nashik
3. Ms. Pranjali Jadhav, "All in One ATM system", ICCCC-2019, MCERC, Nashik
4. Dr. Poonam R. Dholi, Dr. Varsha H. Patil, "A Survey on Prognosis and Predictive Machine Learning Techniques for Breast Cancer", ICCCC2019
5. Mr. Ranjit M. Gawande, Dr. Varsha H. Patil, "Survey on machine learning approaches for predicting the diabetes mellitus", ICCCC2019
6. Mr. Pravin A. Andhale "Gaussian Process approach for Music Genre Classification and Music Emotion Estimation" ICCCC2019
7. Ms. Harshal Antaurkar, Ms. Surabhi Pagar, "A Survey on Driver Sleepiness Alert System", ICCCC2019

## Staff Achievements

Sr. No.	Name of Staff	Achievements
1.	Dr. Varsh H. Patil	Chairman of Board of studies
2.	Dr. Swati A. Bhavsar	Member of Board of studies
3.	Dr. Swati A. Bhavsar	Awarded by Lokmat Prerana Award 2020
4.	Ms. Alpana Borse	Appreciation certificate by NPTEL, IIT for discipline star in 2019
5.	Ms. Poonam R. Dholi	Appreciation certificate of "Active SPOC based on Performance & Participation of Candidates for JUL-DEC 2019 semester", NPTEL, IIT Madras
6.	Ms. Poonam R. Dholi	Appreciation certificate for contribution to SE-computer Engineering Curriculum(2019 course) as Member of curriculum detailing team of Software Engineering.

## Interaction of Faculty members with outside world

Sr. No.	Name of Staff	Achievements Institution Name & Address	Topic/ Event
1.	Dr. Swati A. Bhavsar	NDMVPCOE, Nashik	Expert talk on "Applications of CFG" on 16/12/2021
2.	Ms. Alpana Borse	NDMVPCOE, Nashik	Expert talk on CUDA 9/11/2021
3.	Dr. Swati A. Bhavsar	SNJB, Chandwad	Session Chair at International Conference held in November 2021
4.	Ms. Alpana Borse	NDMVPCOE, Nashik	Expert talk on CUDA 9/12/2020
5.	Dr. Swati A. Bhavsar	NDMVP, COE, Nashik	Expert talk on a.out file format and independent loaders on 20th Feb. 2020
6.	Poonam R. Dholi	Matoshri Aasarabai Polytechnique	Expert talk on Personality Development and Career Guidance Feb 2020
7.	Dr. Swati A. Bhavsar	NDMVPCOE, Nashik	Judge for Project Competition KSHITIZ- 2019
8.	Dr. Swati A. Bhavsar	NDMVPCOE, Nshik	Expert talk on Introduction to Compilers in 2019
9.	Mr. Pravin A. Amdhale	SITRC, Nashik	Expert talk on Machine Learning, Artificial Intelligence 26 and 27th Sept 2019
10.	Ms. Alpana Borse	MSEB, Nashik	Expert talk on on IoT 23rd Jan 2019
11.	Ms. Alpana Borse	MSEB, Nashik	Expert talk on on IoT 29 and 30th May rd Jan 2019

## Industrial Visits / Tours

Sr. No.	Name of Company	Date of Visit
1.	Visit to Sahyadri Pharms	17th July 2019

## Departmental Achievements /activities like:

Sr. No.	Name of activity	Remark
1.	Student Guardian activity	Mentoring students for solving academic & personal problems
2.	Parents Meet	Organize parents meet at the end of every sem.
3.	NSS	NSS camp in yearly once

## **FDP/STTP/Workshops Organized or Attended:**

- Mr. P. A. Andhale organizes expert talk on “Distributed System” by Soft. Er. Piyush Chandwadkar, Dell-EMC Technologies, Blue-Ridge IT Park, Hinjewadi, Pune, 1st Oct 2019
- Mr. Praveen A. Andhale conducted 2 days workshop on "Practical based learning on High Performance Computing, Machine Learning and Data Analytics" from 26th Sept to 27th Sept 2019
- Ms. P.R. Dholi organizes workshop on “current technologies” by Mr. Prashant Jagdale, COPERBYTE Software Solutions Pvt. Ltd, Pune, at 27/08/2019.
- Ms. P.R. Dholi organizes workshop on “Resume writing” by Ms. Shweta Vavikar, at 28/08/2019.
- Ms. P.R. Dholi organizes workshop on "Digital Marketing Awareness Program” by Mr. Yuvraj Jadhav Digitalword. In, Nashik, at 26/09/2019.
- Ms. Harshala Antapurkar organizes workshop on “1D Workshop on Mobile Application Development in Android” by Mr. Sunil R. Joshi, V3 Data Solution, 26th Sept 2019.
- Ms. Harshala Antapurkar organizes workshop on “1D Workshop on Mobile Application Development in Android” by Mr. Sunil R. Joshi, V3 Data Solution, 26th Sept 2019.
- Ms. P.R. Dholi organizes workshop on “Google's Explore ML Program” by Ms. Gautami Sanjay Dhokte at 31/01/2020.
- Ms. P.R. Dholi organizes 15 days workshop "Python Programming” by Mr. Suraj Pawar Leadsoft IT Solutions, Osmanabad, from 6 Dec 2019 to 2 Jan 2020.
- Ms. P.R. Dholi organizes workshop on “Resume writing” by Ms. Shweta Vavikar, at 28/08/2019.
- Ms. P.R. Dholi organizes workshop on "Digital Marketing Awareness Program” by Mr. Yuvraj Jadhav Digitalword. In, Nashik, at 26/09/2019.
- Ms. P.R. Dholi organizes 15 days workshop on "C and C++ Programming” by Mr. Suraj Pawar Leadsoft IT Solutions, Osmanabad, from 9 March 2020 to 14 March 2020.
- Mr. R.M. Gawande Attended one week FDP on “Biopython” 27-04-2020 to 02-05-2020, Organized by IIT Spoken Tutorial and Sinhgad Institute of Tech & Sci. Pune
- Mr. R.M. Gawande Attended one week National Level FDP on “R Programming”, 11-05-2020 to 16-05-2020, Organized by IIT Spoken Tutorial and D. Y. Patil University Pune
- Mr. R.M. Gawande Attended one day webinar on “Use of online resources in teaching – learning process” 20.05.2020 , Organized by Department of Chemistry, Uka Tarsadia University, Gujarat
- Mr. R.M. Gawande Attended 3 days webinar series on “Post Covid-19 Challenges in Engineering Education and Industry”, 25-05-2020 to 27-05-2020. Organized by K.J. College of Engg & Mgmt Research Pune
- Mr. R.M. Gawande Attended one week FDP on “Data Processing and Data Visualization using Python”, 26-05-2020 to 30-05-2020, Organized by ACM & Logic Unlock, In association with Priyadarshini College of Engineering Nagpur
- Mr. R.M. Gawande Attended 2 days “National Level e-Entrepreneurship Conclave”, 30-05-2020 to 31-05-2020, Organized by Sandip University and North Maharashtra University Jalgaon (KBCNMU)
- Mr. R.M. Gawande Attended one week national level FDP on “R Programming”, 20-05-2020 to 25-05-2020, Organized by IIT Spoken Tutorial and P.C.C.O.E Pune
- Dr. Swati A. Bhavsar Attended two weeks FDP on “Emerging Trends in Industry 4.0” 18th May – 29th May 2020, Organized by JSPM’s RHCOE, Pune, sponsored by ACM
- Dr. Swati A. Bhavsar Attended One week faculty programme on "Innovative Teaching Pedagogy in the Technical Institution", Organized by KBTCOE, Nashik
- Dr. Swati A. Bhavsar Attended One week faculty programme on "Innovative Teaching Pedagogy in the Technical Institution", Organized by KBTCOE, Nashik in the span of 1st June-5th June 2020



- Dr. Swati A. Bhavsar Attended Online FDP on , " Statistical Analysis of Quantative Data using Advanced Excel for Research Scholars" on 3rd and 4th June 2020
- Ms. Poonam. R. Dholi attended two weeks FDP on “Emerging Trends in Industry 4.0”, Organized by JSPM’s RHCOE,Pune, sponsored by ACM, 18th May – 29th May 2020
- Ms. Poonam. R. Dholi attended one weeks FDP on Python, National Level workshop Conducted by IIT Spoken Tutorial and AISSMS University Pune, 28th April -4th May 2020
- Ms. Poonam. R. Dholi attended one week FDP on “Research Methodology and Tools”,Conducted by SITRC, Nashik, 11th May to 15 th May 2020
- Ms. Poonam. R. Dholi attended one week FDP on Latex,Organized by IQAC & e-learning cell AVIT in association with IIT (Bombay)- Pandit Madan Mohan Malaviya Mission on Teachers Teaching(PMMMNMTT), 20th April to 24th April 2020
- Ms. Poonam. R. Dholi attended one week FDP on Python ,Organized by IQAC & e-learning cell AVIT in association with IIT (Bombay)- Pandit Madan Mohan Malaviya Mission on Teachers Teaching(PMMMNMTT), 20th April to 24th April 2020
- Ms. Poonam. R. Dholi attended Webinar on “Internet of Thing(IoT) in Action”,Organized by AVCOE, Sangamner, 31st May 2020
- Ms. Poonam. R. Dholi attended one week “Technology Awareness Program for Faculty on Data Science & analysis”,Organised by JSPM Narhe, 21st May to 25th May 2020
- Ms. Poonam. R. Dholi organized 1 week workshop on C/C++ programming at MCOERC, Nashik
- Ms. Alpana A. Borse attended 2 weeks workshop on exposure in Java held remotely on 05th April to 13th April ,20 at Zeal College of Engineering and Research, Pune
- Ms. Alpana A. Borse attended 1 week online FDP on “Python 3.4.3” , April 26 to April 30, 2020 organized by Dept. of IT and COMP Engineering, MET’s Institute of Engineering, Nashik
- Ms. Alpana A. Borse attended one Week FDP entitled “LaTex” organized by S B Patil COE held on 25th April - 01May '2020
- Ms. Alpana A. Borse attended one week FDP on “Advanced CPP” held on 27 April - 1 May’20 by AISSMS, Pune
- Ms. Alpana A. Borse attended one week Online FDP entitled “Biopython” organized by Department of Computer Engineering Sinhgad Institute of Technology and Science, Narhe, Pune-41 held on 27th April’20 to 2nd May’2020
- Ms. Alpana A. Borse attended one week FDP on “Python 3.4.3” Organized by Parikrama COE, Nagar held on 29th April – 4th May’2020
- Ms. Alpana A. Borse attended Faculty Awareness Program on “NBA and Outcome Based Education(OBE)” on 5th May’ 20 organized by JSPM Narhe, PUNE
- Ms. Alpana A. Borse attended one week Online FDP on “PHP and MySQL” held on 8th May – 13th May’20 organized by SVITCOE Nasik
- Ms. Alpana A. Borse attended two week online FDP on “Java” organized by Department of Computer Engineering , Sinhgad Academy of Engineering, Kondhwa (Bk), Pune-48 held on 4th May to 15th May’2020.
- Ms. Alpana A. Borse attended Faculty Awareness Program on 17th May’20 on “NBA Accreditation Process” by SNJB’s Late Sau. Kantabai Bhavarlalji Jain COLLEGE OF ENGINEERING, Chandwad.
- Ms Prranjali Jadhav attended two weeks FDP on JAVA organised by Spoken Tutorial Project, IIT Bombay from 05 th April to 13th April ,2020 remotely at Zeal College of Engineering and Research ,Pune
- Ms Prranjali Jadhav attended one Week Online Faculty Development Program on “Advanced C++” organised by All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune, from Monday, 27 April 2020 to Friday,01 May 2020
- Ms Prranjali Jadhav attended Faculty Awareness Program on NBA and Outcome Based Education(OBE)” organised by JSPM Narhe Technical Campus on 5-5-2020

- Ms Prranjali Jadhav Participated in One Week Online Faculty Development Program entitled “Biopython” organized by Department of Computer Engineering Sinhgad Institute of Technology and Science, Narhe, Pune-41 in association with Spoken Tutorial, IIT Bombay from 27th April 2020 to 2nd May 2020
- Ms Prranjali Jadhav attended One Week Online Faculty Development Program on Python 3.4.3 test organized at HSBPVT's GOI PARIKRAMA COLLEGE OF ENGINEERING, KASHTI from 28th April 2020 to 4th May 2020
- Ms. Harshala Antapurkar attended One week FDP on "Biopython", By IIT Spoken Tutorial & Sinhgad Institute of Tech & Sci. Pune , 27-04-2020 to 02-05-2020
- Ms. Harshala Antapurkar attended FDP on "Training on R" , By IIT Spoken Tutorial and NBN SSCOE Pune , 08-05-2020 to 11-05-2020
- Ms. Harshala Antapurkar attended two weeks FDP on "Emerging Trends in Industry 4.0" By JSPM's Rajashri Shahu COE. 18-05-2020 To 29-05-2020
- Ms. Harshala Antapurkar attended One week FDP on "R Programming" (National Level) , IIT Spoken Tutorial and PCCOE Pune , 20-05-2020 to 25-05-2020
- Ms. Harshala Antapurkar attended One week FDP on "Data processing and Data Visualization using Python" By Priyadarshani COE Nagpur. 26-05-2020 to 30-05-2020
- Ms. Harshala Antapurkar attended FDP on "Googling Google" by SMS Poytechnic Mumbai on 26th May 2020
- Ms. M.J Waghmare attended FDP on NAAC Awareness program for Faculty from 8th may to 14 may
- Ms. M.J Waghmare attended One week FDP on "Data processing and Data Visualization using Python" By Priyadarshani COE Nagpur. 26-05-2020 to 30-05-2020

### **Paper presentations/Conferences/Projects/Model making competitions**

Sr. No.	Title of Competition	Date of Event
1.	Project Competition	12th Feb 2020

### **Event Organized (Workshops/ Seminars)**

Sr. No.	Name of Event	Date of Event
1.	Guest Lecture by Dr. Prasad on “Humanities and Social Science” organized by Mr.P.A.Andhale	19 February 2021
2.	Guest Lecture by Dr. Anupama on “Humanities and Social Science” organized by Mr.P.A.Andhale	16 to 18 February 2021
3.	Seminar on Artificial Intelligence by Piyush Chandwadkar	1st October 2019
4.	Seminar on “Basics of JAVA” by Sandip Joshi, V3 data solutions	September 2019
5.	TCS training	24/07/2019 to 26/07/2019
6.	Workshop on Resume Writing	27/08/2019
7.	Workshop on current technologies	28/08/2019
8.	Seminar on Digital Marketing Awareness program	25/09/2019
9.	Workshop on Python	16/12/2019 to 02/01/2020
10.	Workshop for Google’s Explore ML Program	30/01/2020
11.	Workshop on Higher Education & Abroad Opportunities 18/02/2020	31/01/2020
12.	Workshop on Redhat , Cisco & CCNA Certification	18/2/2020

### **Event Record (Journal Paper Publication)**

## PG &UG

1. Ms. GAYATRI LAWARE published paper entitled “Classification of Colorectal Cancer based on Multidimensional Features and CNN Model” in International Journal of IJARCCCE , ISSN no. Thomson Reuters ID I-8645-2017, Vol 10, Issue 6,page 4041-4045, June 2021
2. Ms. SULEKHA SHARDUL published paper entitled “Classification of Colorectal Cancer based on Multidimensional Features and CNN Model” in International Journal of IJARCCCE , ISSN no. Thomson Reuters ID I-8645-2017, Vol 10, Issue 6,page 4041-4045, June 2021
3. Ms. GAYATRI LAWARE published paper entitled “Collaborative Filtering Based Sequential Modelling of User Interest for Hotel Industries” in International Journal of IJIRCCE , ISSN no. e-ISSN 2320-98901, Vol 9, Issue 5,page 298-301, May 2021
4. Ms. SULEKHA SHARDUL published paper entitled “Collaborative Filtering Based Sequential Modelling of User Interest for Hotel Industries” in International Journal of IJIRCCE , ISSN no. e-ISSN 2320-98901, Vol 9, Issue 5,page 298-301, May 2021
5. Ms. Shraddha Gawali, Ms. Sukanya Bansode and Ms. Sukanya Bansode published paper entitled “Moodle Based E-Learning” in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2456-0774, Vol 4, Issue 3,page 25-27,2020
6. Birari Prasad, Dushinge Dipak, Patil Rushikesh and Govind Valvi published paper entitled “Smart Farming and Irrigation System”, in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2455-2631, Vol 5, Issue 6, page 243-246,2020.
7. Ms. Rajnandini Patil, Ms. Komal Pawar, Pankaj Hambre, Ganesh Gadhave published paper entitled “Web Based College Enquiry Chatbot with Results” in Resincap Journal of Science and Engineering, ISBN No. 2456-9976, Vol 4, Issue 3, 2020
8. Ms. Punam Sangle, Ms.Pranali Songire, Mr.Aditya Muthal and Ms. Tejaswini Shinde published paper entitled “Intelligent Mirror For Today’s World” in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2395-1052, Vol 6, Issue 6, 2020
9. Gite Manasi, Jadhav Vrushali, Chetan Dhanvij, Nutan Nikam published paper entitled “Data Retrieval System for Printing Form” in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2455-2631, Vol 5, Issue 6, Page 145-148, 2020
10. Sonar Jagruti, Godse Dipika Sharad, Jadhav Ankita P., Mohit Chaudhari published paper entitled “Blue Eyes-Music Playing System” ” in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2456-0774, Vol 5, Issue 10, 2020.
11. Divya Patil, Priti Mehra, Shubham Pawar, Krishna Labhade published paper entitled “Smart Cane” in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2455-2631, Vol 5, Issue 6, page 141-144, 2020.
12. Amit Kulthe, Anjali Parhe, Akshata Bhambre published paper entitled “Solar & Wind Based Wireless Charging Lane For Electric Vehicle” in International Journal of Advance Scientific Research and Engineering Trends, ISSN no. 2395-4396, Vol 6, Issue 3, page 1572-1575,2020.
13. Madhuri Tajanpure, Milind Salwadi, Yogita Gare, Arbaz Akhtar published paper entitled “Soldier Health Monitoring and Position Tracking” ” in International Journal of Advance

Scientific Research and Engineering Trends, ISSN no. 2455-2631, Vol 5, Issue 6, page 182-186, 2020

14. Simran Mitra, Pratik Patil, Borse Harshada, Ahish Aher Healthcare published paper entitled “Monitoring System Using IoT” in International Journal of Advance Scientific Research and Engineering Trends ,ISSN no. 2321-0613, Vol 8, Issue 2, page 936-938, 2020
15. Shrikant Taware, Aarti Chakor, Madhuri Bhadane, Shweta Kudal published paper entitled “Women’s Security with Health Monitoring System”, in International Journal of Advance Scientific Research and Engineering Trends, ISSN no. 2321-0613, Vol 8, Issue 4, page 82-84,2020.
16. Gaikwad Akshay , Dhokrat Nilesh, Shinde Roshan and Nikam Saurabh published paper entitled “QR-Code Based Student Bus Pass System”, in International Journal of Research in Engineering, Science and Management, Vol 2, Issue 1, Jan,2019.
17. Barhate Pranit, Barve Akshay, Bhandare Nakul and Apsunde Jyoti published paper entitled “Surveillance Drone”, in Internationa Journal of Scientific Research in Computer Science,Engineering and Information Technology(JJSRCSEIT), Vol 2, Issue 7, May,2018.
18. Kalpande Vaibhao, Thakare Dhiraj, Shinde Ravindra and Labhade Krishna published paper entitled “IoT based Air Pollution Monitoring and Controlling System for Vehicles”, International Journal of Research in Engineering , Scie nce and Management, Vol 2, Issue 1, March,2019.
19. Chaudhari Ravina, Bharote Amaya, Ghuge Shraddha & Patil Pawansing published paper entitled “All in One ATM System”, International Journal of Science & Engineering Development, Vol 4, Issue 1, Feb,2019.
20. Mogal Rohini, Patekar Narendra and Thube Sumit published paper entitled “IoT Based Automatic Streat Lightning System”, International Journal of Science and Engineering Developmennt Research, Vol 4, Issue 4, March,2019.

### **Paper presentations/Conferences/Projects/Model making competitions**

<b>Sr. No.</b>	<b>Title of Competition</b>	<b>Date of Event</b>
<b>1</b>	Project competition	12 Feb 2020
<b>2</b>	Poster presentation	12 Feb 2020

### **Staff Achievements**

<b>Sr. No.</b>	<b>Name of Staff</b>	<b>Achievements</b>
<b>1</b>	Dr. Varsha H. Patil	BoS Chairman
<b>2</b>	Dr. Varsha H. Patil	Published Book by Oxford University Press.
<b>3</b>	Dr. Swati A. Bhavsar	Completed P.hD.

## Interaction of Faculty members with outside world

Sr. No.	Name of Faculty Members	Institution Name & Address	Topic/ Event
1	Dr. V.H. Patil	Machine Intelligence Research Lab, MIT PUNE	Evolutionary Algorithms.
2	Dr. V.H. Patil	Machine Intelligence Research Lab, MIT PUNE	Data Structures
3	Dr. V.H. Patil	NDMVP COE Nashik	Recent trends in computing.
4	Prof. N.A. Deshpande	Gokhale College of engg. Nashik	Security in data mining
5	Prof. R.M. Gawande	Shatabdi Inst. Nashik	Java Cookies
6	Prof. R.M. Gawande	S.N.D.C.O.E. Yeola	Judge for Avishkar-12 National level Paper & Project Completion.
7	Prof. N.A. Deshpande	S.N.D.C.O.E. Yeola	Judge for Avishkar-12 National level Paper & Project Completion.
8	Prof. N.A. Deshpande	S.N.J.B. Chandwad	ICRTET Review committee member
9	Prof. N.A. Deshpande	M.C.E.R.C Nashik	Resource Person at Quality Improvement in Academic

### Other information:- (if any applicable)

#### Infrastructure Information

Classroom / Tutorial Room facilities

Total No. of Classrooms : 04 Nos.

Carpet Area of class room (each) : 85.23 Sq.m.

#### Laboratory Details

Total No. of Laboratories : 06 Nos.

Carpet Area of Laboratory (each) : 102.23 Sq.m.

Sr. No.	Class room	Sq.Mtr
1	SE COMP	85.23
2	TE COMP	85.23
3	BE COMP	85.23
4	ME COMP	85.23

Sr. No.	Name of The Laboratories	Sq.Mtr
1	H/W Lab	105.91
2	S/W Lab1	105.91
3	S/W Lab2	105.91
4	Comp Lab1	86.40
5	Comp Lab2	86.40
6	Micro-Processor Lab	105.91

## **Department of Information Technology Engineering**

For the department of IT the academic year 2009-10 was much important year as many major developments were carried out in this year Obviously the goal was 'Academic Improvement of the student'. To reach that goal under the guidance of our principal whose constant encouragement and motivation enabled all the staff members to work enthusiastically.

For the benefit of the students the best practices carried out in IT department are, each subject in charge prepares their own assignments per subject. At the beginning of every semester we had provided question Bank with model Answer paper to each student so as to help their studies. We had conducted total 2 unit tests for every semester, followed by preliminary Exam at the end of semester.

The department of INFORMATION TECHNOLOGY has both a clear and defined mission aligned with that of the College and cohesive, demonstrable strategies for the students to deal with every kind of innovation in the technological world. All the teachers are considerate towards every idea of students and attended various workshops based on new technologies. Prime role of a teacher remains to involve students in learning process. There are multiple events organized within the department by Acumen Club to keep students updated as per the requirement of industry and conducted workshops like python and programming to make students employable.

The department has achieved recognized success by means of Excellence of teaching, the development and implementation of the curriculum, an appropriate balance between general education and the major, the appropriate incorporation of technology into teaching and learning, the integration of learning with faith and faith with learning, Evident leadership within and beyond the department, a positive spirit and vitality that create community, and support and enhance the work of faculty, students and the broader College community.

Mr. N. L. Bhale is guiding as the Head of the information Technology Department. He is working in teaching profession and has 30 years of teaching experience. He has been working as head of the department over a decade. He has addressed and attended various workshops conducted by Savitribai Phule Pune University regarding syllabi revision and expert talk to the subject teachers. He has been invited to deliver expert talks in various domains. He has worked as Session Chair and Reviewer at various conferences and Symposia. He is certified test administrator for TOEFL iBT and Dell Carnegie certified Engineering Teacher.

Department not only concerned about only student's academic development but also encouraged students to participate in extracurricular & co-curricular activities. To boost these activities head & faculty encouraged & inspired students to establish student club, which is helpful to all the students to get one platform their activities. The name given to this club is 'Acumen Club' which was formed on Teacher's Day. Students club is headed by Staff coordinator and every year new members are elected for President and Vice-President positions by students from T.E. The remaining 10 committee members are selected from S.E, T.E, B.E classes.

Under the student club, various programs were organized for the students like programming in python to make students industry ready and programming in c++. Students actively participated in the workshop. Under the club activity, every year we conduct a "Alumni Talk", in which our alumni interact

with present T.E and B.E students. They share the industry experience and motivate students for the placement activities.

Apart from that many faculties of IT department are well qualified, post graduate having many years of teaching experience. Also many staff members were deputed for higher studies like M.E., PhD, also they were deputed for workshops, short term training program (STTP), conferences etc.

Students Placed	90%
Students opted for Higher Studies	7%
Accreditation Status of the Course	NAAC
Doctoral Courses	Nil
Foreign Collaborations, if any Memberships	Nil
Professional activities	Nil
Consultancy activities	Nil
Grants fetched	Nil

### **Departmental Library**

Library has an extensive collection of academic related reference books and Text books. In addition the library also has a collection of BE Project work Black books. We also provide previous years question papers for student's reference. The library is open for both staff and students all the time.

### **Sports and NSS**

Sports and NSS are an integral part of the education at Matoshri. The sport facilities at the campus include indoor games, playground, cricket pitch, volleyball court and many more. This facility exists for on campus medical attention. Students of the department had actively participated in inter collegiate competitions like sports, project, competition, paper presentation.

NSS is a college level social activity working for the betterment of society and creating awareness for social development attitude among the students. We are Proud to share that our S.E student, Mr. Radhakrishna Bhamre is an active member of NSS team, he always conduct various social activities at college level and also takes lead in arranging social programs at college level.

### **Students Academic:**

- In the year 2020-21, total 39 students appeared for the examination and all have successfully completed examination and all have passed.
- Out of 39 students, more than 21 students were placed in reputed companies.
- 10 students selected for training by Zensar Technology in 2020-2021
- T.E 50 students went for online Internship in various reputed companies B.E 20 Students completed online internship.

### **Students Extra Curricular Activities:**

- Rubicon soft skills training was conducted online from 12th may to 21st may 2021. All B.E I.T students attended the online training
- Career Labs (Official partner with AICTE NEAT 2.0) conducted comprehensive training program with job assurance on 14th may 2021. All branches B.E students attended it.
- "Business after Covid", webinar was conducted by Udyogwardhini on 27th may 2021
- Work from home opportunities were given by Across the Globe (ATG) on 16th June 2021 based upon students online test in various domains internship opportunities were provided.
- On the occasion of National Reading Day "Day of Reading online Quiz" was conducted by kerala state social organization
- Multitutor conducted free online courses for all engineering students

## Faculty:

- Most of our faculties have certified with Coursera
- Most of our faculties have given their 100% academic results.

## Department:

1. "Beat the Covid" online expert talk was conducted by Dr. Mahesh Chopade, Resource person from Mahatma Gandhi Vidyamandir. On 24th May 2021

Commencement of Academic Year June 2020-2021 Activities:

### I) Student club

- "Talk with Alumni" Online program was conducted for B.E 2021-22 students by alumni's of 2019-20 and 2020-21 batch for motivating students to become Industry ready and I.T professionals on 26th September 2020

### II) Events Organized

Sr. No.	Name of the Event	Date
1	C++ workshop	15th March 2021
2	Python Workshop	15th March 2021

### III) Co- Curricular activities:

Sr. No.	Name of Event	Date
1.	Group Discussion	August 2020
2.	Teacher's Day	September 2020
3.	Sports Events	December 2020

### VI) Extracurricular Achievements by students

Sr. No.	Name of Student	Name of event
1.	Pratik Magar	Campus Ambassador Intern by International Modern United Nations (MUN)
2.	Manas Kute	Selected for free soft skills training by Rubicon

### VIII) Training & Placement Cell: Academic Year 2020-21

We have training & Placement cell in MCERC. Under this cell we organize various soft skill training sessions & Aptitude Tests for the students of T.E. I.T. On every Friday we had conducted Aptitude test, Mock interviews. Regarding Training and Placement cell 90% students placed in academic year 2020-21. The highlight is one of our students placed in 2 MNC's.



**Placed Students 2020-2021:**

<b>Sr.No</b>	<b>Full Name</b>	<b>Company/company's placed along with package</b>
1	Sakshi Chandrashekhar Loharkar	Capgemini India 3LPA
2	Rahul Sanjay Tupe	ManageServe a Pythian Company 3LPA
3	Punam balasaheb wagh	Wns global service nashik2LPA
4	Sudarshan Rajendra Shinde	iASYS TECHNOLOGY SOLUTIONS
5	Anuj Jalindar Khamkar	Wipro
6	Prachi Dilip Gupta	Simply Learn
7	Shivani Appasaheb Badhe	Intellect Design Arena Ltd 3.5LPA
8	Vaishnavi Manoj Malpe	NTT data Bangalore 3LPA
9	Thete punam ratnakar	Dhoot Transmission 1.58LPA
10	Sonali Kailas Borade	NTT DATA Information Processing Services Private Limited 3LPA
11	Saurabh Pravin Kharde	Sankey Solution 3LPA
12	Shraddha Sudhakar Rakibe	Dhoot Transmission 1.58LPA
13	Muskan Mansur Maniyar	Atos Global IT Solutions and Services Pvt Ltd 3.5LPA
14	Pooja Atul Ahirrao	Infosys Limited 3LPA
15	Abhijit Girish Kolambe	Sankey olution 3LPA
16	Komalika.Gokul.Shinde	Accenture Solutions .Pvt.Ltd 3.5LPA
17	Ashwini Anil Jadhav	DXC COMPANY
18	Vishakha Patil	Ivavsys Technologies
19	Sudarshan Rajendra Shinde	iASYS TECHNOLOGY SOLUTIONS PVT LTD
20	Matsagar Shraddha	TCS 3LPA
21	Shivani Agale	Capgemini 3LPA

**Technical Activities / Tech-Feast**

<b>Sr. No.</b>	<b>Name of Activities</b>	<b>Date</b>
1	Workshop on C++ programming online	15th march 2021
2	Workshop on Python Programming	15th march 2021

**Departmental Achievements /activities like:**

Sr. No.	Name of activity	Remark
1.	Student Club	1. Organize seminars, workshops, training for the department Students. 2. Celebration of Teacher's Day and Engineer's Day 3. Expert Talks by various eminent speakers as well as by some outstanding Alumni.
2.	Teacher Guardian activity	Mentoring students for solving academic & personal problems.
3.	Parents Meet	Organize parents meet at mid semester.
4.	Aptitude Sessions	Weekly 2 hrs are allotted for the conduction of Quantitative aptitude sessions.
5.	Coursera courses	We encourage staff and students to enroll and get certified for NPTEL exams.
6.	NSS	We organize NSS camp half yearly for students.

**Papers Presented or published by Staff**

Sr. No	Paper Title	Author	Conference/ Journal	Year
1.	Online printing order management system	Dr. R. S. Khule	Journal of Advanced Research in Power Electronics and Power Systems	2021
2.	Impact of Interconnect Variation on Ultra Low Power Clock System	Dr. R .S. Khule	Journal of Advanced Research in Power Electronics and Power Systems	2021
3.	Review on Automated Elevator- an Attentive Elevator to Elevate using Speech Recognition	Dr. R. S. Khule	Journal of Advanced Research in Power Electronics and Power Systems	2021
4	Intrusion Detection System for IoT using optimization enabled deep belief neural network	Ms. M. S. Deshmukh	International conference on Information Systems and Computer Networks	2021

5	Intrusion Detection using deep learning approached review	Ms. M.S. Deshmukh	7th International Conference on Recent Trends in Engineering and Technology	2021
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Course Certificate Certifications

Sr. No	Name of Staff	Name of Course	Status
1.	Dr. R. S. Khule	Programming for everybody (Getting started with python)	Completed
2	Dr. R. S. Khule	Computer Vision Basics	Completed
3.	Ms. S. H. Adke	Advanced Content and Social Tactics to optimize SEO	Completed
4	Mrs.S.K.Pawar	Machine Learning	Completed
5	Ms.P.L.Kakad	Programming for everybody (Getting started with python)	Completed

Workshops/FDP/STTP attended by Staff:

Sr. No	Name of Staff	Name of Workshop	Period /Date	Name of Organization who organized the workshop
1.	-Dr.R.S.Khule	FDP on Internet of Things (IoT 2019 Pattern)	31st July 2021	M.E.T college of Engineering, Nashik
2.	Dr.R.S.Khule	FDP on “ Recent and Emerging Trends in Information Technology”	27th July to 31st July 2021	Department of Computer Engineering, Dr.D.Y.Patil, Institute of Technology, Pimpri Chinchwad, Pune
3	S.H.Adke	FDP “ Essentials of Data science”	27th July to 31st July 2021.	R.H.Sapat College of Engineering and Management studies
4	S.K.Pawar	FDP “ Essentials of Data science”	27th July to 31st July 2021.	R.H.Sapat College of Engineering and Management studies
5	H.Agashe	FDP “ Essentials of Data science”	27th July to 31st July 2021.	R.H.Sapat College of Engineering and Management studies
6	M.S.Deshmukh	FDP on “Recent and Emerging Trends in Information Technology”`	27th July to 31st July 2021.	Dr.D.Y.Patil Institute of Technology Pimpri,Pune

Interaction of Faculty members with outside world

Sr No	Name of Faculty	Place	Topic
1	S.HADke	S.I.T.R.C	Data structures and Algorithms
2	D. S. Shingate	Sandip polytechnic	Cloud computing
3	M. S. Deshmukh	Modern College of Engineering, Pune	Data structures and Algorithms

**Other information: -**

### **Infrastructure Information Classroom / Tutorial Room facilities**

Total No. of Classrooms : 03 Nos.

Carpet Area of class room (each) : 85.23 Sq.m.

Sr. No.	Class room	Sq. Mtr
1	SE IT	85.23
2	TE IT	85.23
3	BE IT	85.23

### **Laboratory Details:**

Total No. of Laboratories : 06 Nos.

Carpet Area of Laboratory (each) : 102.23 Sq.m.

Sr. No.	Name of The Laboratories	Sq. Mtr
1	Computer Lab -I	105.91
2	Software Lab -I	105.91
3	Computer Lab -II	105.91
4	Software Lab -II	105.91

Auditorium / Seminar Halls

No. of Seminar Halls : 01

Carpet Area of Seminar Hall (Each) : 150 Sq.m.

## Electronics & Telecommunication Engineering Department

The Department of Electronics and Telecommunication Engineering is established in the year 2008. The department is currently running Bachelors and Masters of Engineering courses in Electronics and Telecommunication Engineering and has research scholars enrolled for doctorate in areas like Antenna Design, VLSI, Optical communication etc. Ever since its inception, the department has been the hub of academic excellence. It is equipped with outstanding infrastructure and boasts of a unit of learned and dedicated faculty members and sincere staff. We provides excellent academic environment to the students and help them to acquire the skills which are required to excel in today's competitive environment.

In order to ensure high standards of education for our students, the department has constantly upgraded itself by adding well-equipped and fully furnished laboratories to supplement the theory courses, classrooms, department library, and faculty rooms.

The department believes in serious academic pursuit and encourages radical and original thinking which paves the way for creativity and innovative ideas. The department aims to prepare students proficiently and nurture engineering professionals for challenging but rewarding careers in all phases of engineering activities ranging from R&D, product design to development and manufacturing through delivering first-class engineering education, teaching excellence and providing opportunity for leadership development. The department works closely with several reputable Electronic industries and organizations. These relationships aid joint research, funded projects and provide the opportunity to enhance the technical skills by industry-institute interaction. The alumni of the department are excelling in reputed industries across India.

Head of the department, Dr. Devidas D. Dighe is associated with Engineering Education since August 1997. He has 24 years of teaching and 1 year industrial experience. The department has blend of experienced and young teachers. The department faculty work with excellent team spirit in different technical team aimed at building skill, expertise and knowledge among its graduates in the areas of higher technology and design. The department endeavors to provide a quality environment and imbibe moral values for the students to widen analytical, practical and ethical skills and apply them to real world problems. To stimulate the students the department organizes regular training in state of art software & hardware, arranges workshop, National & International Conferences periodically. The department has noticeable track record of placement in industries. Many of our alumni are working at key positions in industries in India and abroad.

An energetic club for students named "ASET Club" is a platform for students for running various activities and exhibiting their talent. The students are motivated to organize co-curricular and extracurricular activities. Participation and organization of these activities cultivates among them the leadership skills, develops team spirit and co-operative nature through which the students learn many aspects of management. Department is continuously working for all-round development as per guidelines of affiliated university, 'Savitribai Phule Pune University'. The department is in pursuit to achieve the stated vision by striving to meet the mission statements, contributing towards attainment of the institute vision.

- Students Placed : 65% in campus / 100% off campus
- Students opted for Higher Studies : 8
- Accreditation Status of the Course : NAAC
- Doctoral Courses : yes
- Foreign Collaborations, if any Memberships : No
- Professional activities : IEI
- Consultancy activities : Nil
- Grants fetched : 5 Lakhs

Course	UG	PG	Ph.D
Year of Establishment	2008	2012-13	2012-13
Sanction Intake	60	24	NA
Program	Electronics and Telecommunication Engineering	VLSI and Embedded System Design	Electronics and Telecommunication Engineering
Number of students	159	3	14
Academic Coordinator	Dr. Dnyaneshwar D. Ahire	Dr. Jayant J Chopade	Dr. Jayant J Chopade

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Ever since its inception, the department has been the hub of academic excellence. It is equipped with outstanding infrastructure and boasts of a unit of learned and dedicated faculty members and sincere staff.

We provides excellent academic environment to the students and help them to acquire the skills which are required to excel in today's competitive environment.

Annual Report of Electronics & Telecommunication Engineering Department for the Academic Year 2020-21 is as Follows:

### 1) ACADEMIC PERFORMANCE:

The students have shown excellent results in university examination. Result of S.E, T.E and B.E classes in April/May 2021 examination are as follows:

#### A) SE(E&TC)

Total Number of Students	51
Number of ALL CLEAR students	48
Number of students with First Class with Distinction	47
Number of students with First Class	1
Number of students with ATKT	3
Number of students FAIL	0
Percentage Result	100%
Percentage Result with ALL CLEAR	94.11%

SR. NO	NAME OF STUDENT	SGPA	CREDITS	PERCENTAGE	CLASS
1	BELEKAR SUYOG SANJAY	9.05	44	80.09	FCWD
2	GAVALE RUTUJA BHAUSAHEB	8.86	44	78.41	FCWD
3	HANDAGE KAJAL RAVINDRA	8.8	44	77.88	FCWD
4	JADHAV GITANJALI L	8.82	44	78.06	FCWD
5	UPADHYE VAISHALI SUNIL	9.02	44	79.83	FCWD
6	WAGH AVANTIKA ANIL	8.8	44	77.88	FCWD

**100% Result for course PCS, OOPS.**

**B) TE(E&TC)**

DESCRIPTION	COUNT
Number of students appeared	39
Number of students passed	38
Number of students failed	1
Number of students in distinction	36
Number of students with first class	0
Number of students with higher second class	0
Number of students with second class	0
Number of students with pass	0
Percentage result	97.43%
Percentage Result with ALL CLEAR	97.43%

**Toppers**

SR. NO	RANK	SEAT NO.	NAME	POINTER	CLASS
1	1	T150583004	BHUSE PRAJWAL PRAVIN	10	FCWD
2		T150583024	NANDANWAR ANKITA AVINASH	10	FCWD
3	2	T150583018	KHADANGLE AKSHADA MAHENDRA	9.98	FCWD
4	3	T150583009	DRAVYAKAR PRANAY DAMODAR	9.93	FCWD
5		T150583022	MRUNAL ASHOK MATSAGAR	9.93	FCWD
6		T150583025	NAVALE PRANALI RAMESH	9.93	FCWD
7		T150583044	WAGHCHAURE ANIKET UDAY	9.93	FCWD
8	4	T150583005	DATRANGE SANSKRUTI PRASHANT	9.87	FCWD
9	5	T150583026	NICHIT ASHWINI DASHARATH	9.85	FCWD
10		T150583038	SURANA DIKSHA RAJENDRA	9.85	FCWD

100% Result for course BM, AP, SPOS, PE.

**C) BE(E&TC)**

DESCRIPTION	COUNT
Number of students appeared	69
Number of students passed	68
Number of students failed	1
Number of students in distinction	41
Number of students with first class	26
Number of students with higher second class	1
Number of students with second class	0
Number of students with pass	0
Percentage result	98.55%
Percentage Result with ALL CLEAR	98.55%

**Toppers**

SR. NO	RANK	NAME	POINTER	PERCENTAGE RESULT	CLASS
1	1	BHARGAVE SHUBHANGI SANJAY	10	88.50	FCWD
2		IMRAN YAKUB SHAIKH	10	88.50	FCWD
3		KADLAG SAGAR HIRAMAN	10	88.50	FCWD
4		POOJA TRYAMBAK RUMANE	10	88.50	FCWD
5		TAJANE SHIVANI NILKANTH	10	88.50	FCWD

6	2	JAYSHREE KAILAS BORADE	9.93	87.88	FCWD
7		MORE SHRUTI JAYRAM	9.93	87.88	FCWD
8		PATIL ADITI SUNIL	9.93	87.88	FCWD
9		SURYAWANSHI VAIBHAV GOVINDRAO	9.93	87.88	FCWD
10	3	KHAIRNAR DHANANJAY UDDHAV	9.91	87.70	FCWD
11		SUMIT SANJAY BHAVSAR	9.91	87.70	FCWD
12	4	BORADE SUJATA BHAUSAHEB	9.89	87.53	FCWD
13		GAWALKAR PRANALI SANJAY	9.89	87.53	FCWD
14		MATE ROHIT SHANTARAM	9.89	87.53	FCWD
15		PRANALI PRAKASH PANSARE	9.89	87.53	FCWD
16	5	MORE APEKSHA SANJAY	9.86	87.26	FCWD
17		WALVE PALLAVI RAJARAM	9.86	87.26	FCWD

**100% Result for course BCS,AVE,WN. (FCWD: Firt Class with Distiction)**

## 2. PUBLICATIONS:

In year 2020-21 departmental faculties have published 7 papers in International Journals. Dr. Jayant J. Chopade has published paper in International Journal of Engineering Research and Applications And Dr. Dnyaneshwar D. Ahire has published paper in IJ-ETA.

## 3. MOOC COURSES

### A] Coursera

Department staff and students completed courses under course era. Around 251 courses completed by students and few courses by Faculty members with excellent Course Grade.

- Prof. Devidas Dighe has successfully Completed online "Coursera "Certification on COVID-19: What You Need to Know (CME Eligible) with course grade 100 in sept 2020 From Osmosis.
- Prof. Devidas Dighe has successfully Completed online "Coursera "Certification on Digital Systems: From Logic Gates to Processors with course grade 100 in 2020 From Universitat AutÀ2noma de Barcelona
- Dr. J. J. Chopade has successfully Completed online "Coursera "Certification on Linear Circuits 1: DC Analysis with course grade 85 in 2020 From Georgia Institute of Technology.
- Dr. J. J. Chopade has successfully Completed online "Coursera "Certification on Linear Circuits 2: AC Analysis with course grade 95 in 2020 From Georgia Institute of Technology.
- Dr. J. J. Chopade has successfully Completed online "Coursera "Certification on Introduction to Electronics with course grade 98 in 2020 From Georgia Institute of Technology.
- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Python Data Structures with course grade 98 in 2020 From University of Michigan
- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Applications of Everyday Leadership with course grade 91 in 2020 From University of Michigan
- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Linear Circuits 2: AC Analysis with course grade 95 in 2020



- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Linear Circuits 1: DC Analysis with course grade 83 in 2020 From Georgia Institute of Technology
- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Investment Risk Management with course grade 100 in 2020 From Coursera Project Network
- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Programming for Everybody (Getting Started with Python) with course grade 99 in 2020 From University of Michigan
- Dr. D. D. Ahire has successfully Completed online "Coursera "Certification on Introduction to Electronics with course grade 98 in 2020 From Georgia Institute of Technology
- Asst. Prof. R. J. Deshmukh has successfully Completed online "Coursera "Certification on Initiating and Planning Projects with course grade 93 in 2020 From University of California, Irvine
- Asst. Prof. R. J. Deshmukh has successfully Completed online "Coursera "Certification on Fundamentals of Project Planning and Management with course grade 87 in 2020 From University of Virginia
- Asst. Prof. P. A. Nawale has successfully Completed online "Coursera "Certification on Introduction and Programming with IoT Boards with course grade 98 in 2020 From Pohang university of Science and Technology

#### 4. FACULTY DETAILS :

Total Teaching staff available	17
Professor	2
Associate Professor	2
Assistant Professor	13
Tech. Asst. / Lab Asst.	7
Peon	1
New staff appointed	2
Staff Relieved	Nil

#### 5. QUALIFICATION IMPROVEMENT

- Mr. Devidas D. Dighe was awarded PhD degree from SantGadge Baba Amravati University, Amravati under the guidance of Principal Dr. Gajanan K. Kharate on 15<sup>th</sup> July 2021

#### 6. CURRICULUM DEVELOPMENT

- Mr. Devidas D. Dighe has attended New Syllabus Discussion program for “Digital Circuits” in 2020-21
- Mr. Vishwas R. Wadekar has attended and contributed in Faculty Orientation Programme on principles of communication systems , Organised by Dr.D.Y.Patil Institute of Technology Pune on Jan 2021

- Ms.MayuriR.Hire has attended and contributed in Faculty Orientation Programme on Control Systems , Organised Department of E&TC Engineering, Zeal College of Engineering and Research, Pune on Jan 2021

## 7. EVENTS/ FDP ATTENDED

Sr.No.	Name of the Staff	FDP Attended	Organized By	Date
1	Dr. Devidas D. Dighe	TE E&TC Subject-Electromagnetic field Theory	SPPU	22 July to 24 July 2021
2	Dr. Jayant J. Chopade	AICTE-ISTE Sponsored Outcome based education and accreditation.	AICTE	2020
3	Mr. Vishwas R. Wadekar	principles of communication systems	Dr.D.Y.Patil Institute of Technology Pune	18th to 20 jan 2021
5	Ms. Mayuri R. Hire	Control Systems	Department of E&TC Engineering, Zeal College of Engineering and Research, Pune	18th to 20 jan 2021

## 8. STTP/WORKSHOPS/TRAINING

Name of teacher who attended	Title of the program	Duration
Dr. Devidas D. Dighe	State level workshop for Human Values preservation in situation of Covid- 19	5 july to July 2021
	AICTE Approved One Week Short Term Training Program on Data Analytics with Python	24 May to 28 May 2021
Dr. Dnyaneshwar D. Ahire	STTP on Role of teacher:To boost moral values ,Ethics in Engineering Education System organized by department of Electronics and Telecommunication Engineering MVPS's KBT COE Nashik	17-12-2020 to 23-12-2020
	Online Training Program Getting Started With Real Time Operating Systems for ARM Microcontroller	04-09-2020 to 06-09-2020
Dr. Dnyaneshwar D. Ahire	AICTE Funded Online Short Term Training Program on "DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS" organized by BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI Pune	08 feb 2021 to 13 feb 2021.
Mr. Vishwas R. Wadekar	STTP on Role of teacher:To boost moral values ,Ethics in Engineering Education System organized by department of Electronics and Telecommunication Engineering MVPS's KBT COE Nashik	17-12-2020 to 23-12-2020
Mr. Pankaj A. Nawale	STTP on Role of teacher:To boost moral values ,Ethics in Engineering Education System organized by department of Electronics and Telecommunication Engineering MVPS's KBT COE Nashik	17-12-2020 to 23-12-2020
Ms. Mayuri R. Hire	STTP on Role of teacher:To boost moral values ,Ethics in Engineering Education System organized by department of Electronics and Telecommunication Engineering MVPS's KBT COE	17-12-2020 to 23-12-2020

	Nashik	
Ms. Mayuri R. Hire	AICTE Funded Online Short Term Training Program on “DIGITAL SKILL DEVELOPMENT FOR PROFESSIONALS” organized by BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY AND RESEARCH, WAGHOLI Pune	08 Feb 2021 to 13 Feb 2021.
Ms. Mansi N. Patil	STTP on Role of teacher:To boost moral values ,Ethics in Engineering Education System organized by department of Electronics and Telecommunication Engineering MVPS's KBT COE Nashik	17-12-2020 to 23-12-2020
Mr. Bhagwan S. Bodke	STTP on Role of teacher:To boost moral values ,Ethics in Engineering Education System organized by department of Electronics and Telecommunication Engineering MVPS's KBT COE Nashik	17-12-2020 to 23-12-2020
	STTP on Evolution of RF electromagnetics from microwave to mmWave technologies	19-12-2020 to 23-12-2020

## 9. CO- CURRICULAR ACTIVITIES

Online course is arranged on “Global Navigation Satellite System” conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 14-09-2020 to 25-09-2020. Total 51 students are registered for the

## 10. WORKSHOP / WEBINAR /EXPERT LECTURES CONDUCTED

- Conducted a webinar on “Developing Key Soft skills and Effective Use of Linked in” for Government Polytechnic and MatoshriAsarabai polytechnic students by Mr..A.J.Chopade,Alumni of Electronics and telecommunication engineering department (CAT 99+ %ier and presently at ESCP Europe)on January,6<sup>th</sup> 2021.
- Conducted an Expert lecture on “Practical applications of Radiation and Microwave Techniques” for BE(Electronics and Telecommunication) students by Prof. Mandar Joshi , R.H.SapatCOE,Nashik on January 6<sup>th</sup>2021.
- Conducted an expert lecture on “Baseband Receiver”,for T.E (Electronics and Telecommunication) Students by Prof.SarikaJagtap, KBTCOE, Nasik on January 22<sup>nd</sup> 2021.
- Conducted an expert lecture on “ Broadband Communication System” for B.E (Electronics and Telecommunication) students by Dr.PravinDhulekar on May 22<sup>nd</sup> 2021.
- Conducted guest lectures on “IOT and its applications” for T.E(Electronics and Telecommunication) by Prof.R.J.ShimpiR.H.Sapat COE, Nashik from 19<sup>th</sup> may 2021.

## 11. T&P EVENTS

a) Personality Development and Essential skills required for placement program was conducted by Mr.AjinkyaChopde on 24/7/2020. In this program students trained on various topics like communication skill, values behavior, team work , personality development, time management and group discussion and interview skill.

- b) Employability Skillsworkshops was conducted by Mrs.RubyPadhi Trainer of Mahindra pride in association with Naandi Foundation from 28/9/2020 to 3/10/2020. In this program students trained on various topics like communication skill, values behavior, team work , skit presentation, extempore speech, business etiquettes, time management and group discussion and interview skill.
- c) MATLAB training session was conducted by Mr. Milind Khanderao Design Tech System Pvt Ltd Pune from 9/11/2020 to 11/11/2020. In this program students trained on various like Getting started with MATLAB, Image Processing using MATLAB, MATLAB for machine learning and Deep Learning.
- d) NIMA's Entrepreneurship Accelerator Program was conducted by Mr.HarshDeodhar and Nikhil Kulkarni of Tycubator,Nashik on 4/12/2020. . In this program students knew about analysis of real time problems and their innovative solutions by implementing project ideas ,what is incubation and how it helps students.
- e) “Reducing gap between IT Industry and Academic sector” session was conducted by Mr.GokulAgiwalSr.Consultant in Capegemini,UK on 7/12/2020. In this program students knew about recent trends ,programming used in IT industries.
- f) “Higher Education Opportunities in Abroad” seminar was conducted on 8/12/2020 by Director Mr.Amit Gore of Akshay abroad study. In this program students got familiar with opportunities of higher education, Internship in abroad.
- g) A webinar on “How to get a Placement in Multinational Companies” by IIT Mumbai conducted on 7 January 2021 for all students on Zoom platform.
- h) A webinar on “Scope of Industrial Automation for Diploma Degree and Job seekers” was conducted on 8 January 2021 for B.E students of Electronics and Telecommunication Department on Zoom platform.
- i) A webinar on “Career opportunity in Industrial Automation”was conducted on 18 January 2021 for B.E students of Electronics and Telecommunication Department on Zoom platform.
- j) A webinar by Microsoft about “Artificial Intelligence Master Class” was conducted on 29/30 January 2021 for T.E and B.E students of Electronics and Telecommunication Department on Microsoft Team platform.
- k)TCS NQT 2021 Free Live Orientation Session was held on 24 January 2021 on YouTube platform for B.E students of Electronics and Telecommunication Department.
- l) A Free webinar on “What about Chatbot” by ZensarianAshuthosh Bhat was conducted on 23 January 2021 For B.E students of Electronics and Telecommunication Department on Zoom platform
- m)A session by famous Author/Speaker Mr.ChetanBhagat on “How Engineering/MBA students/Working professionals improve their Managerial Skills” on 6 February 2021 on Facebook.Instagram platform.
- n) Online Aptitude Training Workshop for 30 days was conducted by Mr.AjinkyaChopade from 10 February 2021 for B.E students of Electronics and Telecommunication Department.
- o)Live webinar with expert on “English Phobia” by Mr.VikashBhardwaj,Career Architect on 7 February 2021 for B.E students of Electronics and Telecommunication Department on Google meet platform.
- p) 10 days TCS-NQT Preparatory Online Training was conducted from 6 Feb 2021 – 15 Feb 2021 For B.E students of Electronics and Telecommunication Department on YouTube channel.

q)A Webinar on “Japanese Language-Window of Opportunities” by industry experts held on 4 February 2021 for B.E students of Electronics and Telecommunication Department on YouTube platform.

r)A webinar on “Industrial Automation” conducted by AMT skill Enhancement Institute LLP in association with Matoshri College of Engineering, Nashik on 11 March 2021 for T.E and B,E students of Electronics and Telecommunication Department.

s)Online aptitude training workshop for third and final year students .Alumni of Electronics and telecommunication engineering department Mr. Ajinkya J. Chopade (CAT 99+ %ier and presently at ESCP Europe) ,conducted an online aptitude training workshop for third and final year students from Electronics and telecommunication engineering department. Workshop was conducted from 10<sup>th</sup>feb 2021, for 30days ,covering 30 aptitude topics .Along with aptitude training Resume building , Interview and public speaking skills was also discussed by Mr.. Ajinkya J. Chopade . Total 103 students attended the workshop .

t)Online Resume building workshop for final year students. Alumni of Electronics and telecommunication engineering department Mr. Ajinkya J. Chopade (CAT 99+ %ier and presently at ESCP Europe) ,conducted an online resume building workshop for final year students from Electronics and telecommunication engineering department. Workshop was conducted on 28<sup>th</sup>March 2021, ,covering topics like How to make a great resume, How to study job descriptions, How to make strong accomplishment statements ,Personal branding and Layout of resume. Students from BE class attained the workshop

u) Online “Soft skill development and employability enhancement” training was conducted by Rubicon from 12 May 2021 to 21 May 2021 on Zoom platform for T.E students of Electronics and Telecommunication Department. In this training 36 students trained on Resume, Group discussion, Mock Interviews.

v) A webinar on “How to start your own and scale up your Business and post Covid19 Government schemes” by Mr.SunilChandak ,Director of Udyogwardhini conducted on 27 April 2021 for B.E students of Electronics and Telecommunication Department on Zoom platform.

w) A webinar on “Python Programming-Getting started” was conducted on 9 May 2021 for B.E students of Electronics and Telecommunication Department on Google meet platform.

x)A webinar on “Placement assured Program” was conducted on 14 May 2021 by Careerlabs for B.E students of Electronics and Telecommunication Department on Google meet platform.

y)A online workshop on “Guidance on Psychosocial Helpers and Support to Community during Pandemic” was conducted on 24 May 2021 by Mr.MaheshChopde MGNCRE for B.E students of Electronics and Telecommunication Department on Google meet platform.

z)A Webinar on “Want to study in UK” was conducted on 7 June 2021 by Study Smart for B.E students of Electronics and Telecommunication Department.

Online expert talk on “Career opportunities in IT sector” was conducted on 19 June 2021 by Director and Speaker Mr.MrunalDahale NITS for B.E students of Electronics and Telecommunication Department on Google meet platform.

## PLACEMENTS RECORD

In this year total 18 drives have been conducted online out of . Total 29 students are placed from Electronics and telecommunication branch.

Sr.No	Company Name	Placed Students	Package LPA
1	Accenture Bangalore	01	3.8
2	Infosys Bangalore	01	3.0
3	Mphasis Bangalore	01	3.06
4	Pentagon Space Bangalore	10	NIL
5	Qspider Pune	07	NIL
6	Atos Global Pune	05	2.67
7	Dhoot Transmission Aurangabad	15	1.56
8	Zenasr Pune	01	3.3
9	Hind Rectifiers Nashik	01	2.0

Ms.Rutuja Waikar placed in Accenture Bengaluru with package of 3.8 LPA, Ms.Pooja Rumane placed in Infosys Pune with package of 3.0LPA, Ms.Shivani Tajane and Ms.Aher Sujata placed in Atos Global IT Solution Pune with package of 2.67LPA and Mr.Sumit Bhavsar Placed in Mphasis Bengaluru with package of 3.06LPA.

### 12. ASET STUDENT'S CLUB ACTIVITIES

Online Teachers day celebrated on 5<sup>th</sup> Sept 2020 to mark the birthday of the country's former President, scholar, philosopher and Bharat Ratna awardee, Dr. Sarvepalli Radhakrishnan. Students from T.E. E&TC express their gratitude towards teacher. Dr. D. D. Dighe head of E&TC department address to students and Dr. D. D. Ahire gives vote of thanks on the behalf of all E&TC department staff. All Electronics and telecommunication department staff and Students were present during online session.

### Projects, Paper presented and awards By Students

Sr.No	Name of the Student	Achievements
1	1.Dignesh Kumar Bhavsar 2.Mrinmayee Suryawanshi 3.Revati Rathi 4.Santosh Waje 5.Shubhankar kulkarni	Undergone industrial training for duration from 6/12/2011 to 25/12/2011. (Hind Rectifiers Pvt. Ltd, Satpur, Nashik)
2	Wadhavne Sagar	1.Participated in circuit debugging and qualified IIround in MET 2.Paper presentation at MET 3.Participated in AMBIT PROTOCOL at K K WAGH COLLEGE 4.Participated in DEXTER'S LAB at KK Wagh college ,Nasik 5. Participated in PAPERNOVA at SVIT COE, Chincholi
3.	Harshal Shirude	1.Paper presentation at MET 2. Participated in DEXTER'S LAB at at K K WAGH COLLEGE. 2.Participated in Ambit Protocol at KKWEER, Nashik
4.	Ruksar Sayyed	1.Participated in see ship brain at KKW (national level) 2.participated in return C challenge (national level) 3.participated in ckt debugging in MET 4. Participated in PPT at KKWEER, Nashik 5. Participated in DEXTER's LAB at KKWEER, Nashik
5.	Santosh Waje	1.Attended robotics workshop by omni mentors academy 2. Qualified II round in ckt debugging.
6.	Priyadarshni Patil	1.Runnerup in cricket at jamboree-11 2.Participated in ckt debugging in MET

7.	Neha Mehta	1.Participated in group discussion 2. Participated in 'IT QUIZ' 3.participated in 'CIRCUIT TRAP',at BKCMET COE, Nashik in the event STUDENT CONVENTION-12 3.participated in the C-war in NDMVP's COE, Nashik
8.	Shivani Singh	1.Participated in BAIN BUSTER in MET college 2.participated in PPT
9.	Kulkarni Shubhankar	1.Participated in 'C-WAR 2011'in NDMVP college
10.	Revati Rathi	1.Participated in 'C-WAR 2011'in NDMVP college 2.Participated in 'CIRCUIT TRAP' 3.Participated in 'IT QUIZ' in MET college.
11	Sachin Meshram	1.participated in brain buster. 2.participated in A-TEAM 3.Secured 2nd position in ROBO RACE at ECLAT INVASION-12 4.Participated in ROBO RIDERS in event MECHEAVEN 5.secured 3rd position in ROBO WAR in event 'EQUINOX-2K12'(all organised by K K Wagh college ) 5.Participated in GNOSIS in event MECHEAVEN 6.3rd prize in ROBO-WAR held at KKWEER,Nashik 7. participated in A-TEAM 8. Participated in BRAIN BUSTER at KKWEER, Nashik 9.2nd prize in ROBO-RACE held at KKWEER, Nashik 10. Participated in ROBO-RIDERS at KKWEER, Nashik 11. Participated in GNOSIS at KKWEER, Nashik
12	Santosh Gorpade	1.Participated in DEXTER'S LAB at KKWEER, Nashik 2.Participated in Ambit Protocol at KKWEER, Nashik
13	Omkar Shukla	1.Participated in DEXTER'S LAB at KKWEER, Nashik
14	Jitendra Patil	1.Participated in DEXTER'S LAB at KKWEER, Nashik
15	Rajashri Shelar	1.Participated in ENCEPHALON at KKWEER, Nashik 2. Participated in CIRCUIT DEBUGGING at BKCMET COE, Nashik 3.Participated in BRAIN BUSTER at KKWEER, Nashik
16	Ram Bhadke	1.Participated in volley ball at COE ,PUNE in event Zest'12
17	Snehal Vighne	1.Participated in ENCEPHALON at KKWEER, Nashik 2.Participated in BRAIN BUSTER at KKWEER, Nashik 3.Participated in ENCEPHALON at KKWEER, Nashik
18	Chetali Kandekar	1.Participated in CIRCUIT DEBUGGING at BKCMET COE, Nashik 2. Participated in DEXTER's LAB at KKWEER, Nashik
19	Pratima Thakur	1.Participated in BRAIN BUSTER at KKWEER, Nashik 2. Participated in DEXTER's LAB at KKWEER, Nashik 3. Participated in Encephelon at KKWEER, Nashik
20.	Suvarna Nagare	1.Participated in PPT at KKWEER, Nashik 2.Participated in BRAIN BUSTER at KKWEER, Nashik
21	Jui Kate	1.Participated in BRAIN BUSTER at KKWEER, Nashik 2. .Participated in SOMA'S CUBE at KKWEER, Nashik 3. Participated in DEXTER'S LAB at KKWEER, Nashik 4. Participated in CIRCUIT DEBUGGING at BKCMET COE, Nashik
22.	Priyadarshini Patil	1.Participated in ENCEPHALON at KKWEER, Nashik
23.	Shubhasini sugumaran	1.Participated in ENCEPHALON at KKWEER, Nashik
24	Chaudhari chetan	1. Participated in Soma's cube at KKWEER, Nashik
25.	Mrinmayee Suryawanshi	1. Participated in DEXTER's LAB at KKWEER, Nashik
26.	Subeesh Balakrishnan	1. Participated in Encephelon at KKWEER, Nashik

27	Neetu Sharma	1.Participated in Brain-Buster at KKWEER, Nashik 2. Participated in ENCEPHALON at KKWEER, Nashik 3. Participated in DEXTER's LAB at KKWEER, Nashik
28.	Wagh Vikrant	1.Participated in AMBIT PROTOCOL at K K WAGH COLLEGE 2.Participated in DEXTER's LAB at KKWEER, Nashik
29	Ahire Nita Chavan Shital Chetna Gangurde	1st Winner in Paper Presentation At PICTE Pune

### Students Acievements:-

Sr. No.	Name of Student	Date/Year	Achievements
1	Miss Pooja Jadhav	2018-19	5 <sup>th</sup> rank in SPPU TE E&TC Examination SGPA 9.67
2	Miss Pooja Jadhav Mr Rushikesh Jadhav Mr Shubham Sonawane	2019-20	Krushimauli Puraslkar In jagtik krushi mahoshav 2020
3.	Naidu Geetanjali		Paper presentation on Topic "TGV" at KKW COE Nashik Paper presentation on Topic "TGV" at NDMVP COE Nashik . Participated Environment day Best Anchoring award in JAMBORE 2016 Winner of Best Personality at MCOERC Nashik
4	Dhatrak rohini R.		Participated in Circuit debugging at MCOERC Nashik Participated in at in Prject competition at MCOERC Nashik
5	Gorde deepthi G.		Runner up in Volly ball at at MCOERC Nashik . Participatd
6	Malunjkar nikita		Runner up in Volly ball at at MCOERC Nashik . Participated Environment day Participated in Circuit debugging at MCOERC Nashik Participated in at in Prject competition at MCOERC Nashik
7	Gote Priyanka M.		Runner up in Volly ball at at MCOERC Nashik .
8	Lokhande Abhijit		2 <sup>nd</sup> prize in TUG of war in JAMBORE- 2016 Published paper in IJARIIE (Paper ID 1846 vol 2 issue 2 , year 2016) on topic " <b>Watch dog timer using VHDL for ATM System</b> " .
9	Mahajan Sachin		Published paper in IJARIIE (Paper ID 1846 vol 2 issue 2 , year 2016) on topic " <b>Watch dog timer using VHDL for ATM System</b> " .



10	Kajale Minal		Published paper in IJARIE (Paper ID 1847 vol 2 issue 2 , year 2016) on topic “ <b>Automatic Light Control System for Railway Platform</b> “ .
11	Kale Shital		Published paper in IJARIE (Paper ID 1846 vol 2 issue 2 , year 2016) on topic “ <b>Watch dog timer using VHDL for ATM System</b> “ .
12	Katkade Priyanka		Published paper in IJARIE (Paper ID 1846 vol 2 issue 2 , year 2016) on topic “ <b>Watch dog timer using VHDL for ATM System</b> “ .
13	Ganore Priyanka		1 St Prize in Circuit Debugging at MCOERC Nashik
14	Borse madhuri		Participated in Circuit Debugging at MCOERC Nashik
15	Dhage Sonal		Participated in Circuit Debugging at MCOERC Nashik
16	More Sneha		Participated in Circuit Debugging at MCOERC Nashik . Participated photo hunt at MET coe Nashik
17	Kadam Madhavi		Participated photo hunt at MET coe Nashik
18	Karmase Bhagyashri		Participated photo hunt at MET coe Nashik
19	Pagar dershana		1 st prize in poster competition in JAMBORE 2016

### Other information

#### **Infrastructure Information**

**Classroom / Tutorial Room facilities :** Total No. of Classrooms : 4 Nos

Sr. No.	Class room	Sq.Mtr
1	SE E & TC	85.23
2	TE E & TC	85.23
3	BE E & TC	85.23
4	ME E &TC	85.23
5	ME E &TC- II	40

#### **Laboratory Details**

Total No. of Laboratories: 10Nos.

Sr.No.	Name of the lab	Area in Sq. Meter
1	Project Lab	87.66
2	Basic Electronics Lab	102.57

3	Communication Lab	102.57
4	Digital Lab	85
5	Measurement Lab	87.66
6	Software lab-I	102.42
7	Software Lab-II	102.42
8	PG Lab	66
9	Research Lab	66
10	Microwave and Antenna Lab	66

Sr. No.	Particulars	Building	Location
1.	HOD cabin	A	AS 07
2.	Dept. office + store	A	AS 06
3.	Faculty room (5 Sq.m/Faculty)	A	AS 08
4.	Class Room FE	A	
5.	Class Room SE	A	AS15
6.	Class Room TE	A	AS13
7.	Class Room BE	A	AS14
8.	Tutorial Room	A	AS04 (Sharing)
9.	Lab-1	A	AS09
10.	Lab-2	A	AS10
11.	Lab-3	A	AS11
12.	Lab-4	A	AS12-A
13.	Lab-5	A	AS12-B
14.	Lab-6	A	AS17
15.	Lab-7	A	AS18
16.	Lab-8	A	AS19
17.	PG Class Room-1	A	AS16
18.	PG Class Room-2	A	AS04
19.	PG-Lab	A	AS05
20.	PG Research Lab	A	AS04
21.	Dept. Library	A	AS 03
22.	Gents Washroom	A	AS 02
23.	Ladies Washroom	A	AS01

### **Auditorium / Seminar Halls / Amphi**

No. of Seminar Halls	: 1
Carpet Area of Seminar Hall (Each)	:170.94 Sq.m.
Technical Activities / TechFest	: 05

### **❖ Teacher's Award**

Sr. No.	Name of Teacher	Name of Award	year
1	Dr Gajanan K Kharate	Best Principal Award by SPPU, Pune	2017
2	Dr Gajanan K Kharate	Excellence In Telecom Education by IETE	2012

3	Dr Gajanan K Kharate	Engineering Achievement Award	2013
4	Dr Gajanan K Kharate	Yashokirti Puraskar-2014	2014
5	Dr Gajanan K Kharate	Memento by SPPU, Pune	2015

❖ **List of Research Proposal sanctioned**

Sr. No.	Name of staff	Subject	Sanction year	Sanctioned Amount
1	D.D. Dighe	Quality improvement of compressed images using super resolution	2011	150000/-
2	D.D. Ahire	ARM based JPEG encoder	2013	140000/-
3	Dr. S.D. Pable	Design and Chip Fabrication of Adaptive Voltage Control Oscillator for VLSI Circuits	2015	200000/-

• **QIP grants for Workshop/conference**

Sr. No.	Subject	Category Funding Bodies	Year	Amount
1	Research opportunities in VLSI design	BCUD, Savitribai Phule University of Pune, Pune	2013-14	50,000/-
2	Research Trends in VLSI and Signal Processing	BCUD, Savitribai Phule University of Pune, Pune	2015-16	1,10,000/-
3	ICCCC2019 International conference	BCUD, Savitribai Phule University of Pune, Pune	2018-19	2,25,000/-

**Special grants or finances from the industry or other beneficiary agency**

Sr. No.	Description of Equipment	Reference	Purchase/Receiving Year	Funding Agency Name	Dead Stock Details	Cost
1	Analog development board	Qty 02	Receiving 2009- 2010	Yashswi Electronics	Sr. No:-130 Page No:- 034	10,000/- approx
2	CY8CKIT-030A-U (10 Nos)	Bill No:- 1958498651	Receiving 2013- 2014	Cypress Semiconductor	Sr.No-115 Page No:-031	37,110/-
3	CY8CKIT 042A-U (5 Nos)	Bill No:- 1958498651	Receiving 2013-2014	Cypress Semiconductor	Sr.No-115 Page No:- 031	6,815/-
4	ARM-7 LPC2148 Development Board	Bill No:- 14-15/12 OSD/BCUD/ 360/92	Purchasing 2014- 2015	BCUD, Savitribai Phule Pune university	Sr.No:-118 Page No:- 032 MCERC/E&TC/C ONMP –II/16/05	4,838/-

		dt 27/11/2013				
5	ARM-9 S3C2440 Samsung microcontroller	Bill No:- 14- 15/12 OSD/BCUD/ 360/92 date 27/11/2013	Purchasing 2014- 2015	BCUD, Savitribai Phule Pune university	Sr.No:-119 Page No:- 032 MCERC/E&TC/C OMP- II/16/04/02	13,800/-
6	Ova 9650 Camera	Bill No:- 14-15/12 OSD/BCUD/ 360/92 date 27/11/2013	Purchasing 2014- 2015	BCUD, Savitribai Phule Pune university, Pune	Sr.No:-120 Page No:- 032 MCERC/E& TC/COMP- II/16/04/03	1,294/-
7	Analog System Lab kit ASLK PRO ( 6 Nos)	DC No:- 1059	Purchasing 2014- 2015	Ed Gate Texas Instruments	Sr No:-131 Page No:- 034	60000/- approx
					TOTAL	1,11,582/-

### Research Equipment Received by Various Funding Bodies:

- Department of Electronics and Telecommunication received instruments (FM Transmitter and Receiver) for Communication Lab from Cypress Semiconductor.
- Department of Electronics and Telecommunication received instruments (Analog Development board) for Basic Electronics Lab from Yashwi Electronics.
- Texas Instruments Funded Development boards for Computer Lab (VLSI).
- Faculty members procured the ARM development board ( ARM7 & ARM 9) under research grant.

Instruments funded by different agencies utilized by U.G., P.G., Research Scholars for implementation of in-house projects.

### Research Centre /facility recognized by the University:

Matoshri College of Engineering and Research Centre started Ph.D courses in Electronics Engineering **in 2012**. Faculty members from our institute are also motivated for research work to strengthen their knowledge and to bridge the gap between modern technology and academics. Different researchers from Pune University are affiliated to the research center to guide the Ph.D students.

**Publications:**

- a) Publication per faculty: **8.2**
- b) Number of papers published in peer reviewed journals (National / International) by faculty and students: 60

In order to generate consultancy and overall development of the students and faculty department of E&TC has signed MOU with various industries,

**Details of other facilities**

- a) Library
  - No. of Titles: 556
  - No. of Volumes: 1717
  - No. of Textbooks: 1297
  - No. of Reference books: 420
  - No. of Project reports: 250
  - DelNet Membership for e-journals ( No. of Journals: 5297)
- b) **Internet facilities for Staff & Students:**
  - 1) Gio Lease Line 100 Mbps

## Department of Mechanical Engineering

Mechanical Engineering department of Matoshri College of Engineering came into existence in June. The department has been evolved as centre of excellence in offering impeccable, market savvy graduates to emerge as total solution providers. This is made possible by proactive, techno savvy and committed department leadership. In addition to class room teaching learning processes students are guided and encouraged to be familiar with emerging technology subjecting them to continuous value addition .Apart from the excellent technical staff with Master degrees in various fields and our excellent infrastructure, the main reason for the excellent performance of our students is the extensive mathematical treatment of the subjects and the enormous rigor involved in teaching, learning and evaluation procedures. With frequent industrial visits our students are given fair opportunities to make up their mind for future career options, Students are also given exposure to cutting edge technologies through organizations such as ASHRAE, ISHRAE, MESA and IIME.

This is a great opportunity to everybody to join with it and let your carrier to move a broad path to success. Education is manifestation of perfection in man is defined by Swami Vivekananda. This department has very young, dynamic, perfect qualified and charismatic staff to motivate our students & also to impart good education.

The Department is known for the Expertise and State-of-the-art facilities especially in CAD-CAM, Computational Fluid Dynamics (CFD), Manufacturing and Production Technology, Energy Conversion, I. C. Engines, Mechatronics and also in other core areas. Experimental and computational facilities are being continuously upgraded. Industry interaction has been increased with industrial visits and arranging expert lectures by industry personnel and carrying out the industry sponsored projects for students.

The students actively involve in various reputed contests of national and international repute like ROBOCON, Tech Fest, and technical competitions in various colleges and also credited number of *Winner* titles to the department. We have various students' chapters like SAE, IEEE and ISTE Students' chapters guided by faculty mentors for the overall development of the students. The department does conduct guiding sessions and mock tests for students for exams like GATE,GRE, etc.

### 2. Students placed

- **Students opted for Higher Studies: 01**
- **Accreditation status of the course : No**
- **Doctoral course : No**
- **Foreign collaborations, if any membership : Nil**
- **Professional Society Memberships : SAE, IEI, ISHRAE**
- **Professional activities : Yes**
- **Consultancy activities : Nil**
- **Grants fetched : Nil**
- **Departmental achievements/activities :**

Sr. No.	Description	Arranged	Attended
1	Paper presentation	-----	162
2	Workshop	2	----

- **Project and awards for them: Nil**

## Result Analysis AY 2020-21

BE Mechanical		AY 2020-21
Description	Count	
Number of students Appeared	179	
Number of students Passed	177	
Number of students Fails	02	
Number of students in Distinction	92	
Number of students in First Class	84	
Number of students in Higher Second Class	01	
Number of students in Second Class	00	
Number of students in Pass Class	00	
Result reserved for backlog	02	
Percentage Result	97.80 %	

Class Rank	Name of the student	CGPA	Class
1	Ugale Sachin Haushiram	9.64	First Class with Distinction
2	Sanket Bhagwant Rumane	9.53	First Class with Distinction
3	Nikam Pravin Dilip	9.49	First Class with Distinction
4	Khairnar Ashutosh Rajendra	8.95	First Class with Distinction
5	Kolhe Darshan Manik	8.85	First Class with Distinction
6	Bharambe Varsha Ramesh	8.78	First Class with Distinction
7	Shelke Dipak Sunil	8.55	First Class with Distinction
8	Kadam Prashant Prakash	8.49	First Class with Distinction
9	Sayyed Abeed Salim	8.35	First Class with Distinction
10	Jagtap Krushna Tukaram	8.34	First Class with Distinction

TE Mechanical		AY 2020-21
Description	Count	
Number of students Appeared	136	
Number of students Passed	134	
Number of students Fails	02	
Number of students in Distinction	129	
Number of students in First Class	00	
Number of students in Higher Second Class	00	
Number of students in Second Class	00	
Number of students in Pass Class (With ATKT)	05	
Percentage Result	98.50 %	
Percentage Result will All Clear	94.85 %	

Class Rank	Name of the student	CGPA	Class
1	PRATIK MANGESH JADHAV	9.98	First Class with Distinction
2	KHODE SAURABH MADHUKAR	9.96	First Class with Distinction
3	PAGAR KAUSTUBH BHARATRAO	9.96	First Class with Distinction
4	PAWAR CHANCHAL ARUN	9.93	First Class with Distinction
5	SANDESH VINOD PARDESHI	9.93	First Class with Distinction

6	SHINDE SHUBHAM SANJAY	9.93	First Class with Distinction
7	JADHAV ADITYA UDAY	9.91	First Class with Distinction
8	BASTE POOJA RATNAKAR	9.91	First Class with Distinction
9	GHARATE VAIBHAV BHIKA	9.91	First Class with Distinction
10	SHETE SHUBHAM BALASAHEB	9.91	First Class with Distinction

SE Mechanical	AY 2020-21
Description	Count
Number of students Appeared	88
Number of students Passed	86
Number of students Fails	00
Number of students in Distinction	70
Number of students in First Class	07
Number of students in Higher Second Class	00
Number of students in Second Class	00
Number of students in Pass Class (with ATKT)	09
Result reserved for backlog	02
Percentage Result	100 %
Percentage Result will All Clear	87.50 %

Class Rank	Name of the student	CGPA	Class
1	SANAP ONKAR BHAUSAHEB	9.2	First Class with Distinction
2	BATTASE KIRAN BANSIDHAR	9.1	First Class with Distinction
3	MORE HARISH ASHOK	9.1	First Class with Distinction
4	OM KAILAS GAVALE	9.1	First Class with Distinction
5	PATIL KAMLESH SHIVAJI	9.1	First Class with Distinction
6	GAWALE GAURI KAILAS	9	First Class with Distinction
7	JADHAV ANKUSH PRAVIN	9	First Class with Distinction
8	KAHANDAL TEJAS AMBADAS	9	First Class with Distinction
9	BADGUJAR TEJAS VIJAY	8.9	First Class with Distinction
10	GITE RUSHIKESH DILIP	8.9	First Class with Distinction

• **Staff Achievements: 15**

Sr. No	Details	Staff Name	Event	Date
1	Session Chair	Dr. J.H.Bhangale	Session Chair for the "International Conference on Emerging Trends in Engineering and Technology-2021 (ICETET-2021) Organized by Department of Mechanical Engineering, Sandip Institute of Engineering and Management, Nashik	07th & 08th July 2021
2	Syllabus Implementation Workshop	Mr. Vikas S. Daund	"Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18	27-Jul-21
3	Syllabus Implementation Workshop	Mr. Tushar Tarachand Kapade	"Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21



4	Syllabus Implementation Workshop	Mr.Thakare Shrikant Balasaheb	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
5	Syllabus Implementation Workshop	Mr.Tushar Ramdas Patil	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
6	Syllabus Implementation Workshop	Mr. Roshan S.Patil	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
7	Syllabus Implementation Workshop	Dr.D.D.Palande	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
8	Syllabus Implementation Workshop	Mr.HEMANT BHAGWAN WAGH	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
9	Syllabus Implementation Workshop	Mr.Y.K.Mogal	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	28th July, 2021
10	Syllabus Implementation Workshop	Mr.Vikas.S.Daund	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	28th July, 2021
11	Syllabus Implementation Workshop	Mr. Niraj Balkrishna Dole	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
12	Syllabus Implementation Workshop	Mr.Y.K.Khadake	“Syllabus Implementation Workshop at Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	27-Jul-21
13	National Level Workshop	Mr.Y.K.Mogal	National Level Workshop on ‘Static and Fatigue Analysis of Engineering System using ANSYS’ SPCE, Mumbai	23rd February to 28th February 2021
14	Syllabus Implementation Workshop	Mr.Y.K.Mogal	Syllabus Implementation Workshop for the course of “ Manufacturing Processes (202050) & Machine Shop (202051) ”AISSMS College of Engineering, Pune & LoGMIEER, Nashik	23-Feb-21
15	Syllabus Implementation Workshop	Dr. N.C.Ghuge	““ONLINE SYLLABUS IMPLEMENTATION WORKSHOP ON KINEMATICS OF MACHINERY 2019 COURSE	18-Feb-21

### Number of Workshop/Seminar:- 02

Sr No	Name of Program	Date of Event	National/International	Source of Funding	Year
1	ANSYS Online by Access CADD for BE Mechanical Students	8th October 2020	National	MCOERC Nashik	2020-21
2	ANSYS Online by Access CADD for TE Mechanical Students	9th October 2020	National	MCOERC Nashik	2020-21

• **Students Achievements: 17**

Sr. No.	Names of the Students	Event	State/National/International Level	Prizes/Medals Won
1.	Ingale Rahul Mukund	Workshop on BMW Complete Car Design Using SOLIDWORKS	National	Participation
2.	Vinayak Panchal	PARTICIPATED IN Microsoft AI Classroom Series	National	Participation
3.	Dipak Sunil Shelke	Qualified in GATE 2021	National	Participation
4.	Sanket Rumane	Qualified in GATE 2021	National	Participation
5.	Md Sayan Jamali	Certificate Course in AutoCAD	National	Participation
6.	Sanket Rumane	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360 an online non-credit course authorized by Autodesk and offered through Coursera	International	Participation
7.	Sanket Rumane	Career Edge - Knockdown the Lockdown online course offered by TCS iON	National	Participation
8.	Sanket Rumane	MaTPO Aptitude Idol 2020” organized by Maha. Association of Training & Placement Officers (MaTPO)	National	Participation
9.	KAIF SHAIKH	PARTICIPATED IN Microsoft AI Classroom Series	National	Participation
10.	Piyush Patil	Online Course The Fundamental of Digital Marketing	National	Participation
11.	Piyush Patil	Online Course Content Marketing Course	National	Participation
12.	Roshan Ghumare	Online Course basic of Machine Learning	National	Participation
13.	Roshan Ghumare	Online Course Content Marketing Course	National	Participation
14.	Roshan Ghumare	Usable Security an online non-credit course authorized by University of Maryland, College Park and offered through Coursera	International	Participation
15.	Ingale Rahul Mukund	an online non-credit course authorized by University of Michigan and offered through Coursera	International	Participation

16	Mansi Waje	MaTPO Aptitude Idol 2020” organized by Maha. Association of Training & Placement Officers (MaTPO)	National	Participation
17	Prajwal Tajanpure	MaTPO Aptitude Idol 2020” organized by Maha. Association of Training & Placement Officers (MaTPO)	National	Participation

• **Paper Presented by Staff: 44**

<b>List of Faculty Publication.</b>											
<b>Sr No</b>	<b>Title of Peper</b>	<b>Aut hors</b>	<b>National/Int ernati onal and Journ al /Confe rence</b>	<b>Name of Conference/ Journal</b>	<b>Pub licati on Det ails</b>	<b>Page Number</b>	<b>Mon th and Year of Publ icati on</b>	<b>DOI / URL</b>	<b>Im pac t Fac tor</b>	<b>ISBN/ ISSN Nos.</b>	<b>Ind exed By</b>
1	Analysis of vehicle crash box to improve passengers safety ith shape and material optimization	Y.S. Khad ke	Internati onal Journal	International Journal of Advances in Engineering and Management (IJAEM)	Volu me 3, Issue 7	90-96	Jun-21	www.ij aem.n et	7.429	2395-5252	Googl e Schol ar
2	Design of Fixture to Reduce Loading Time on VMC Machine	Y.S. Khad ke	Internati onal Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volu me 6, Issue 1,	1006 to 1011	Jul-21	www.ij arstc.o.in	4.819	2581-9429	Googl e Schol ar
3	To Study the Effect of Compression Ratio and Additives on Performance and Emission Characteristics of Hybrid Methyl Ester (Undi To Study the Effect of Compression Ratio and Additives on Performance and Emission Characteristics of Hybrid Methyl Ester (Undi + Waste Cooking Oil) on Diesel Engine	N.B. Dole	Internati onal Journal	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volu me 10, Issue 6	7670-7674	Jun-21	www.ij irset.c om	7.512	2320-6710	Googl e Schol ar
4	Development of Process of Removing Moisture from Solution by Using Layer Freezing Process	G. D. Katal e	Internati onal Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volu me 6, Issue 1,	1041-1045	Jul-21	www.ij arstc.o.in	4.819	2581-9429	Googl e Schol ar

5	Design and development of E bike	Yogesh K. Mogal	International Journal	International Journal of Creative Research Thoughts (IJCRT)	Volume 9, Issue 6	260-267	Jul-21	www.ijcrt.org	3.658	2320-2882	Google Scholar
6	Door Operated Automatic Sanitizing Machine with Temperature sensor	Yogesh K. Mogal	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7, Issue 1	426-431	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
7	Bike Wastage Heat Recovery	T. R. Patil	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7, Issue 1	426-431	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
8	Agriculture Three In One Mechanism	T. R. Patil	International Journal	International Journal of Recent Advances in Multidisciplinary Topics	Volume 2 ISSUE 6	35-38	JUNE 21	www.ijramt.com	3.78	2582-7839	Google Scholar
9	Fabrication of Pneumatic Series Coupler for Belt Conveyor	T. R. Patil	International Journal	International Journal of Recent Advances in Multidisciplinary Topics	Volume 2 ISSUE 6	125-130	JUNE 21	www.ijramt.com	3.78	2582-7839	Google Scholar
10	Emission Characterization of Micro-Algae Biodiesel using ZnO as an Additive & Diesel Fuel in Single Cylinder Diesel Engine	N.B. Dole	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 4, Issue 6	1153-1160	JUNE 21	www.ijmrset.com	5.928	2582-7219	Google Scholar
11	Automatic Seat Belt Integrated Parking in a Car	Y.S. Khadke	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	225-229	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
12	Healthcare Prediction System Using Machine learning		International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	1463-1466	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
13	An implementation on Design & Development of Tuber Root Cleaning Machine”	S.B. Thakare	International Journal	IJARIE	Vol-7 Issue -3	2098-2101	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
14	Design and Development of Pneumatic Bumper	S.B. Thakare	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	1028-1033	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
15	Design & Development of Automatic Washroom Cleaning System	Satish S. Bachhav	International Journal	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 10, Issue 7	9356-9358	Jun-21	www.ijirset.com	7.569	2320-6710	Google Scholar
16	THE STUDY OF PERFORMANCE PARAMETER IN APPLICATION OF UNDI & WCO METHYL ESTER	N.B. Dole	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and	Volume 4, Issue 6	1111-1116	JUNE 21	www.ijmrset.com	5.928	2582-7219	Google Scholar

	WITH EGR IN SINGLE CYLINDER DIESEL ENGINE			Technology (IJMRSET)							
17	Design and Manufacturing of Multiutility Agriculture Machine	V. S. Daund	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	1022-1027	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
18	Design and Development of Step Roller Grading Machine	V. S. Daund	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	37-41	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
19	High Pressure Die Casting Cold Chamber Process	R. S. Patil	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	1243-1253	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
20	Desktop Assistant AI Using Python	Prof. Jayant H Bhan gale	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1327-1335	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
21	Drying of Fruits & Vegetables by Using Solar Dryer	D.P.Patil	International Journal	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 10, Issue 6	5865-5869	Jun-21	www.ijirset.com	7.512	2320-6710	Google Scholar
22	Metal Pipe Bending Machine by Using Toggle Jack	Prof. N. C. Ghughe	International Journal	IJARIE	Vol-7 Issue -3	3357-3364	Jul-21	www.ijariie.com	6.53	2395-4396	Google Scholar
23	Analysis of Turning by using Natural Oil and Nanofluids	Pratap R. Sonawane	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1470-1477	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
24	Experimental Analysis on Lathe Machine for Alternative Lubricants	Pratap R. Sonawane	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1285-1295	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
25	Design and Fabrication of Over Steer Prevention and Stability Control System in Automobile	P. K. Sonawane	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	836-842	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
26	Experimental Analysis of Refrigeration Ejector System by using Different Organic Refrigerants	T. T. Kapade	International Journal	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 6, Issue 7,	281-288	Jul-21	www.ijraset.com	7.429	2321-9653	Google Scholar
27	Design analysis and performance of Greenhouse based on solar dryer	H.B. Wagh	International Journal	International Journal of Advanced Research in	Volume 6, Issue 1,	310-315	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar

				Science, Communication and Technology (IJARST)							
28	Design and numerical analysis of steering knuckle for ATV	P. K. Sonawane	International Journal	IJARST	Vol-7 Issue -3	3090-3096	Jul-21	www.ijarst.com	6.53	2395-4396	Google Scholar
29	Structure optimization of control panel	V.K Dhatriak	International Journal	IJSREM	Volume 5, Issue 6,		Jul-21	www.ijarem.com	6.87	2582-3930	Google Scholar
30	Novel use of hybrid nanoparticles additives for improved properties of lubricant in turning operation	Pratap R. Sonawane	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7 Issue 1,	131-134	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
31	Application and analysis of various insulation for Hot air pipe considering cost effectiveness	D.P.Patil	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7 Issue 1,	363-368	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
32	Performance analysis of multi chamber reactive silencer	D.P.Patil	International Journal	International Journal of Recent Advances in Multidisciplinary Topics	Volume 2 ISSUE 6	35-38	JUNE 21	www.ijramt.com	3.78	2582-7839	Google Scholar
33	Design and Fabrication of Sugarcane Bud Chipper Machine	Satish S. Bachhav	International Journal	IJARST	Vol-7 Issue -3	2343-2348	Jul-21	www.ijarst.com	6.53	2395-4396	Google Scholar
34	Design and Manufacture of Hydraulic press machine for Baffle Stuffing	V. S.Daund	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 4, Issue 6	1233-1237	JUNE 21	www.ijmrset.com	5.928	2582-7219	Google Scholar
35	Solar Powered Intelligent IOT based car cabin cooling system	L.G.Kamde	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	310-315	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
36	Design and Development of Pneumatic Operated Fixture for Spot Gun	L.G.Kamde	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7, Issue 1,	484-491	Jul-21	www.ijarst.co.in	4.819	2581-9430	Google Scholar
37	“DEVELOPMENT AND PERFORMANCE ANALYSIS OF GASIFIER FOR BIOMASS”	S.B. Thakare	International Journal	IJARST	Vol-7 Issue -4	453-459	Jul-21	www.ijarst.com	6.53	2395-4396	Google Scholar
38	DESIGN AND ANALYSIS OF PIERCING TOOLS	R.S. Patil	International Journal	International Research Journal of Modernization in Engineering Technology and Science	Volume:03 Issue: 07	01 to 05	Jul-21	www.ijrmets.com	5.354	2582-5208	Google Scholar
39	Comparison of the Performance of Refrigerant Fluids in Single Stage Vapour Compression Refrigeration System By Using Coolpack Software	R. S. Patil	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1146-1153	Jun-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar

40	CORONA WARRIOR ROBOT	H.B. Wagh	International Journal	IJARIE	Vol-7 Issue -3	2629-2634	Jul-21	www.ijariie.com	6.53	2395-4396	Google Scholar
41	Comprehensive Study of Nahar and Karanja Biofuel with EGR on Diesel Engine	N.B. Dole	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 10, Issue 6	7663-7668	JUNE 21	www.ijmrset.com	7.512	2319-8753	Google Scholar
42	To study of installation and commissioning of solar dual pump	L.G.K amde	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1513-1518	JUNE 21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
43	Analysis of Tube in Tube Heat Exchanger Fitted with Twisted Tape with Square Cut	T. T. Kapade	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1448-1462	JUNE 21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
44	Solar Based Smart Agriculture System Using IoT Technology	G. D. Katala	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	965-968	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar

• **Paper Presented by Students: 44**

<b>List of Students Publication.</b>											
Sr. No.	Name of Paper	Name of UG Students	National/International and Journal /Conference	Name of Conference/ Journal	Publication Details (volume No, Issue)	Page Number	Publisher Year and month	DOI/URL	Impact Factor	ISB N/ISS N	Indexed by
1	Analysis of vehicle crash box to improve passengers safety with shape and material optimization	Amrutkar Ankush Rajendra Ahire Trupti Hemant, Ahire Sanchit Vilas	International Journal	International Journal of Advances in Engineering and Management (IJAEM)	Volume 3, Issue 7	90-96	Jun-21	www.ijaem.net	7.429	2395-5252	Google Scholar
2	Design of Fixture to Reduce Loading Time on VMC Machine	Aher Atul, Bagul Rahul, Bhamare Anirudha, Bharambe Varsha	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	1006 to 1011	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
3	To Study the Effect of Compression Ratio and Additives on Performance and Emission Characteristics of Hybrid	T S Chaudhari, R V Chandras, R R Bidwe, R N Chaudhari	International Journal	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 10, Issue 6	7670-7674	Jun-21	www.ijirset.com	7.512	2320-6710	Google Scholar

	Methyl Ester (Undi To Study the Effect of Compression Ratio and Additives on Performance and Emission Characteristics of Hybrid Methyl Ester (Undi + Waste Cooking Oil) on Diesel Engine										
4	Development of Process of Removing Moisture from Solution by Using Layer Freezing Process	DabePras hant, Derle Samadha n, Dethe Sandesh, Deshmuk h Bhushan	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	1041-1045	Jul-21	www.ijarsct .co.in	4.819	2581 - 942 9	Googl e Schol ar
5	Design and developmen t of E bike	Sachin S. Dheringe, Lalit S. Dhikale, Praful M. Donde, Tejas B. Firke	International Journal	Internatio nal Journal of Creative Research Thoughts (IJCRT)	Volume 9, Issue 6	260-267	Jul-21	www.ijert.o rg	3.65 8	232 0-288 2	Googl e Schol ar
6	Door Operated Automatic Sanitizing Machine with Temperature sensor	Gadge Mayur, Gaidhani Akshay, Gaidhani Prathmes h, Gawali Shubham ,	International Journal	Internation al Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 7, Issue 1	426-431	Jul-21	www.ijarsct .co.in	4.819	2581 - 942 9	Googl e Schol ar
7	Bike Wastage Heat Recovery	Gawli Arun, Gayke Akshay, Ghumre Roshan, Godse Prachi	International Journal	Internation al Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 7, Issue 1	426-431	Jul-21	www.ijarsct .co.in	4.819	2581 - 942 9	Googl e Schol ar
8	Agriculture Three In One Mechanism	Ingale Rahul M Gomsale Ravi R Jadhav Ravindra D Jadhav Vaibhav S.	International Journal	Internatio nal Journal of Recent Advances in Multidisciplinary Topics	Volume 2 ISSUE 6	35-38	JUNE 21	www.ijram t.com	3.78	258 2-783 9	Googl e Schol ar
9	Fabrication of Pneumatic Series Coupler for Belt Conveyor	Darshan Prakash Kajale, Kalpesh Bhadane Dinesh Joshi Akash Kale	International Journal	Internatio nal Journal of Recent Advances in Multidisciplinary Topics	Volume 2 ISSUE 6	125-130	JUNE 21	www.ijram t.com	3.78	258 2-783 9	Googl e Schol ar
10	Emission Characterization of Micro-Algae Biodiesel using ZnO as an	Kartik S Deore Shweta S Karve Aniket D Khaire Gopal P	International Journal	Internation al Journal Of Multidisciplinary Research In Science,	Volume 4, Issue 6	1153-1160	JUNE 21	www.ijmrse t.com	5.92 8	258 2-7219	Googl e Schol ar



	Additive & Diesel Fuel in Single Cylinder Diesel Engine	Lokhande		Engineering and Technology (IJMRSET)							
11	Automatic Seat Belt Integrated Parking in a Car	Aditya Kapadnis Ajinkya Khairnar Aniket Kumbhar	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	225-229	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
12	Healthcare Prediction System Using Machine learning	Ganesh Suradkar, Kiran Narkhede , Vaibhav Sontakke, Surendra Ingle	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	1463-1466	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
13	An implementation on Design & Development of Tuber Root Cleaning Machine”	Handore Satvik S Gurgude Bhushan B Hiray Tushar Ambadas	International Journal	IJARIE	Vol-7 Issue-3	2098-2101	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
14	Design and Development of Pneumatic Bumper	Jadhav Akash Balasaheb , Jadhav Rohit Navnath Jadhav Sidhant Subhash Kakade Hrutvik Bhausaheb	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	1028-1033	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
15	Design & Development of Automatic Washroom Cleaning System	Abhishek P. Kadam Prashant P. Kadam Vikram B. Kale Tejas N. Kangune	International Journal	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 10, Issue 7	9356-9358	Jun-21	www.ijirset.com	7.569	2320-6710	Google Scholar
16	THE STUDY OF PERFORMANCE PARAMETER IN APPLICATION OF UNDI & WCO METHYL ESTER WITH EGR IN SINGLE CYLINDER DIESEL ENGINE	AKSHAY B. KATKAD KESHAV B. KHAIRE ASHUTOSH D. KHAIRNAR ASHUTOSH R. KHAIRNAR	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 4, Issue 6	1111-1116	JUNE 21	www.ijmrset.com	5.928	2582-7219	Google Scholar
17	Design and Manufacturing of Multiutility Agriculture Machine	Mahale Shubham More Dinesh More Harshad	International Journal	International Journal of Advanced Research in Science, Communic	Volume 6, Issue 1,	1022-1027	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar

				ation and Technology (IJARSCT)							
18	Design and Development of Step Roller Grading Machine	Pravin Dilip Nikam Yash S Nikam Harshal A More Roshani More	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	37-41	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
19	High Pressure Die Casting Cold Chamber Process	Deshmukh Pankaj Pathan Naim Niphade Mayur Parse Mohan	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	1243-1253	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
20	Desktop Assistant AI Using Python	Abeed Sayyed Ashpak Shaikh Ashish Sancheti Swikar Sangamner	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 2,	1327-1335	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
21	Drying of Fruits & Vegetables by Using Solar Dryer	Vinayak S. Panchal 1 Ganesh B. Navale 2 Aditya A. Mahale 3 Sayam MD. Jamali 4	International Journal	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 10, Issue 6	5865-5869	Jun-21	www.ijirset.com	7.512	2320-6710	Google Scholar
22	Metal Pipe Bending Machine by Using Toggle Jack	Rahul S. Chavan Rushikesh A. Rajole Pranit G. Pingale Shreekrishna A. Rohom	International Journal	IJARIE	Vol-7 Issue-3	3357-3364	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
23	Analysis of Turning by using Natural Oil and Nanofluids	Shaikh Mohammad M Javed Shaikh Sharim A Shankhapal Akshay A Sharanagat Sachin Govind	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 2,	1470-1477	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
24	Experimental Analysis on Lathe Machine for Alternative Lubricants	Shelke Dipak Shinde Mangesh Shinde Niraj Shinde Nitin	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 2,	1285-1295	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
25	Design and Fabrication of Over Steer Prevention and Stability Control	Sanjay Sonawane Kartik Taralkar Sankat Tathe Kishor Thore	International Journal	International Journal of Advanced Research in Science, Communication and	Volume 6, Issue 1,	836-842	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar

	System in Automobile			Technology (LJARST)							
26	Experimental Analysis of Refrigeration Ejector System by using Different Organic Refrigerants	P. V. Wakchoure S. N. Walekar D. A. Wani	International Journal	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 6, Issue 7,	281-288	Jul-21	www.ijraset.com	7.429	2321-9653	Google Scholar
27	Design analysis and performance of Greenhouse based on solar dryer	Dalvi Piyush Yevlekar Gaurav Jadhav Akash	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	310-315	Jul-21	www.ijarset.co.in	4.819	2581-9429	Google Scholar
28	Design and numerical analysis of steering knuckle for ATV	Ritesh Sonawane Ajit Soanawane Shubham Pawar Anuj Shirsath	International Journal	IJARIE	Vol-7 Issue-3	3090-3096	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
29	Structure optimization of control panel	Rohan Bhosale Pravin Patil Gaurav Pawar Sanket Ravate	International Journal	IJSREM	Volume 5, Issue 6,		Jul-21	www.ijrsrem.com	6.87	2582-3930	Google Scholar
30	Novel use of hybrid nanoparticles additives for improved properties of lubricant in turning operation	Jadhav Vaibhav Shreyash Joshi Mahesh Joshi	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7 Issue 1,	131-134	Jul-21	www.ijarset.co.in	4.819	2581-9429	Google Scholar
31	Application and analysis of various insulation for Hot air pipe considering cost effectiveness	Jadhav ashish Khairnar Sameer Aware Shubham	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 7 Issue 1,	363-368	Jul-21	www.ijarset.co.in	4.819	2581-9429	Google Scholar
32	Performance analysis of multi chamber reactive silencer	Datkhile Omkar Patil Dashan Nikam Amit Nere Rohit	International Journal	International Journal of Recent Advances in Multidisciplinary Topics	Volume 2 ISSUE 6	35-38	JUNE 21	www.ijramt.com	3.78	2582-7839	Google Scholar
33	Design and Fabrication of Sugarcane Bud Chipper Machine	Kolhe Darshan Khalkar Niraj Kothawade Piyush	International Journal	IJARIE	Vol-7 Issue-3	2343-2348	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
34	Design and Manufacture of Hydraulic press machine for Baffle Stuffing	Kothawade Sushant Jagtap Krushna Kute Rahul Mahajan Rohan	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and	Volume 4, Issue 6	1233-1237	JUNE 21	www.ijmrset.com	5.928	2582-7219	Google Scholar

				Technology (IJMRSET)							
35	Solar Powered Intelligent IOT based car cabin cooling system	Sachin Badgjar Rohan Shinde Rushikesh Ambekar Nilesh Sanap	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 1,	310-315	Jul-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
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37	“DEVELOPMENT AND PERFORMANCE ANALYSIS OF GASIFIER FOR BIOMASS”	Mandalik Gaurav Nandkumar. Gujar Mahesh Mangilal. Dolas Indrajeet Sunil. Dukare Ganesh Pandurang	International Journal	IJARIE	Vol-7 Issue-4	453-459	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
38	DESIGN AND ANALYSIS OF PIERCING TOOLS	Pushpak Kalokhe, Varun Rajjade, Piyush Patil Vikas Patil	International Journal	International Research Journal of Modernization in Engineering Technology and Science	Volume: 03 Issue:07	01 to 05	Jul-21	www.ijrmet.s.com	5.354	2582-5208	Google Scholar
39	Comparison of the Performance of Refrigerant Fluids in Single Stage Vapour Compression Refrigeration System By Using Coolpack Software	Saindane Ankit Tile Suyog Tajane Swapnil Unawane Abhishek 4	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 6, Issue 2,	1146-1153	Jun-21	www.ijarsct.co.in	4.819	2581-9429	Google Scholar
40	CORONA WARRIOR ROBOT	Ahire Shubham Narayan Amol Gorakshnath Purkar Ashish Vivek Hiwarkar	International Journal	IJARIE	Vol-7 Issue-3	2629-2634	Jul-21	www.ijarie.com	6.53	2395-4396	Google Scholar
41	Comprehensive Study of Nahar and Karanja Biofuel with EGR on Diesel Engine	Sachin S. Pawar Rushikesh R. Pawar Digambar S. Phade Ashwini C. Phad	International Journal	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 10, Issue 6	7663-7668	JUNE 21	www.ijmrset.com	7.512	2319-8753	Google Scholar
42	To study of	Dangavah	International	International	Volume	1513-	JUNE	www.ijarsct	4.819	2581	Google

	installation and commissioning of solar dual pump	al shubham Sanawane Prasad Gaikwad Sujal Shinde Sumit	Journal	al Journal of Advanced Research in Science, Communication and Technology (IJARST)	6, Issue 2,	1518	21	.co.in		- 9429	e Scholar
43	Analysis of Tube in Tube Heat Exchanger Fitted with Twisted Tape with Square Cut	Bhushan B. Wagh Sachin H. Ugale Shivanand K. Vishwakarma	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 2,	1448-1462	JUNE 21	www.ijarst.co.in	4.819	2581-9429	Google Scholar
44	Solar Based Smart Agriculture System Using IoT Technology	Rumane Sanket Sabne Mayuresh Salve Sahil Sahane Jaykrishna	International Journal	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 6, Issue 1,	965-968	Jul-21	www.ijarst.co.in	4.819	2581-9429	Google Scholar

• **Other Information (if Applicable):**

**Total Classrooms = 11**

Sr. No.	No. of Classrooms	Classroom labels	Area of each classroom in sq. m.	Classroom capacity (in terms of students)	Which classes conducted in classroom=? (SE/TE/BE/ME)
1.	1	BT-13	85sqm	66 students	Second Year Div-A
2.	1	BT-14	85sqm	66 students	Second Year Div-B
3.	1	BT-15	85sqm	66 students	Third Year Div-A
4.	1	BT-16	85sqm	66 students	Third Year Div-B
5.	1	BT-17	85sqm	66 students	Final Year Div-A
6.	1	BT-18	85sqm	66 students	Final Year Div-B
7.	1	AT-14	85sqm	66 students	Final Year Div-C
8.	1	AT-05	75sqm	24 students	ME- First Year
9.	1	BT-06	75sqm	24 students	ME -Second Year

**Total tutorial Rooms: 03**

Sr. No.	No. of Tutorial rooms	Tutorial labels	Area of each classroom in sq. m.	Classroom capacity	Which classes conducted?(SE/TE/BE/ME)
1	1	BT-03	34sqm	20 students	PG
2	1	AT-02	34sqm	20 students	UG
3	1	AT-17	85sqm	66 students	UG

• **Laboratory Details:**

**Total No. labs = 16**

Sr. No.	Lab labels	Area of each lab	No. of equipments in lab.	List of major equipments in lab.	Cost of each lab. (total equipments cost)
1	AT -19 AT & ICE Lab	100 Sqm.	AT-24 ICE-16	O2 Exhaust Gas Analyzer Two Stage Reciprocating Air Compressor Test Rig Mini Boiler Bomb Calorimeter( With oxygen cylinder) Boy's Gas Calorimeter	4,65,143
2	BT -09 BME Lab	85 Sqm.	51	Models of engg. Equipments	82,412
3	CF-02 Drawing Hall	110 Sqm.	19	Models of Various Projections	56572
4	AT-10 FM Lab	102 Sqm.	31	Pressure Measuring Devices Saybolt Viscometer Metacentric height apparatus Electrical Analogy Apparatus Heleshaw Apparatus Reynolds apparatus	2,11,316
5	AT-11 FMC & RAC Lab.	102 Sqm.	FMC-06 RAC-05	Pelton Turbine Reciprocating Pump Gear Pump Test Rig Centrifugal Pump Air Conditioning Cycle Test Apparatus Ice Plant Test Apparatus Mechanical Heat Pump Apparatus Vapour Compression Test rig Vapour Absorption Test rig	6,92,560
6	AT-04 Cad/Cam Lab.	75 Sqm.	25	Ansys Academic Teaching Software Version 14.0 Master Cam Software Matlab Software Intel Dual Core Pc	13,35,300
7	AT-12 Computer Graphics Lab	170 Sqm.	75	Lenovo Think Center Intel Dual Core Pc Hp-Design Model 510 (42") Plotter	
8	BT-10 Metallurgy Lab	100 Sqm.	32	Computerised Universal Testing Machine Jominy End Quench Test Impact Testing Machine – Model Ait-300-En Binocular Metallurgical Microscope Computerised Trinocular Microscope	11,45,493
9	AT-17 TOM Lab	100 Sqm.	20	Drilling Tool Dynamometer Test Rig Clutch Test Rig	4,77,235
10	AT-18 HT Lab	100 Sqm.	11	Composite Wall Apparatus Natural Convection Apparatus Forced Convection Apparatus Pin Fin Apparatus (Natural & Force Convection)	2,49,676
11	AT-09 DOM & MTRX Lab.	87 Sqm.	DOM-20 MTRX-16	Universal Vibration Test Rig Noise Measurement Apparatus Table Positioning System	3,47,136
12	BT-11 MQC & IFP Lab.	100 Sqm.	MQC-20 IFP-03	Mechanical Comparator	7,95,163

				Profile Projector Floating Carriage Diameter Calibration Of Flow Meters Electro-Hydraulic Trainer Advanced Pneumatic Trainer	
13	CF-01 CNC Lab.	34 Sqm.	01	CNC Lathe Trainer	3,50,000
14	BT-04 PG lab.	75 Sqm.	05	Computerised Shell& Tube Heat Exchanger Cooling Tower Appratus Solar Concerator	4,46,535
15	BT-08 Research Lab.	34 Sqm.	01	Dynamometer under research grant	25,088
16	CG Workshop	400 Sqm.	59	CNC Lathe, Press, Grinding M/C Shaper m/c with 2HP motor, Shaping vice 18" Carpentry lathe 1 HP, 4.5" Floor model Universal Gear Milling m/c Model- OM2 Hydraulic Power Hexa M/c Carpentry Lathe	29,05,591

• **Technical Activities: 03**

Sr No.	Name Of Program	Date of event
1	Training Session on " Communication skill" for S.E. Mech	Sem. II 2020-21
2	Training Session on " General Aptitude and Reasoning" for T.E. Mech	Sem. II 2020-21
3	Training Session on " GD & PI" for B.E. Mech	Sem. I & Sem. II 2020-21

## Department of Civil Engineering

The department of Civil Engineering at Matoshri College of Engineering and Research Centre, Nashik is one of the pioneer departments established in year 2010. The department offers four years undergraduate programme with intake of 120, two years postgraduate programme with intake of 24 in Geo-technical Engineering.

Curriculum followed is as prescribed by affiliated university. Curriculum is revised at university periodically after 4 years by keeping an eye on the technological advancements and industrial requirements globally. Curriculum is blend of basic science and mathematics courses, core, and advanced domain courses, set of elective courses for learner to choose as per their interest, audit courses, communication skills development and project work.

Head of the department, Professor Dr. Amol B Saner is associated with Engineering Education since June 2000. He has 21years of teaching experience and 1 year of industry. He is one of the renowned academicians who have developed himself to be wealth of experience in education and academic administration.

The Department has well-furnished laboratories equipped with state-of-the-art equipment's and resources, classrooms, department library, and faculty rooms.

The department has blend of experienced and young teachers. Teachers along with imparting knowledge and building skills, mentor students for their overall development and for imbibing morality and values. The department has appreciable track record of placement in industries. Many of our alumni are working at key positions in industries in Private and Government organizations.

An active club for students named "Contra-flexure Club" is a platform for students for running various activities and exhibiting their talent. The students are motivated to organize co-curricular and extracurricular activities. Various activities run include expert talks, technical events, contests, seminars, workshop, industry visits, and social visits under the guidance of faculty through Contra-Flexure club. Participation and organization of these events cultivates among them the leadership skills, develops team spirit and co-operative nature through which the students learn many aspects of management.

Department is continuously working for all-round development as per guidelines of affiliated university, 'Savitribai Phule Pune University'. The department is in pursuit to achieve the stated vision by striving to meet the mission statements, contributing towards attainment of the institute vision.

- |  |      |
|--|------|
| • Students opted for Higher Studies:         | 10%  |
| • Accreditation Status of the Course         | NAAC |
| • Doctoral Courses                           | No   |
| • Foreign Collaborations, if any Memberships | No   |
| • Professional activities                    | Nil  |
| • Consultancy activities                     | Yes  |
| • Grants fetched                             | Nil  |



The campus is spread over natural landscape of 45 acres. Environment is eco-friendly having noise free and pollution free atmosphere, which makes the place an ideal for learning. Computer Department has a wide range of amenities and facilities that make it complete, well equipped educational destination for the students.

### Departmental Result

Overall Result				
Sr.No	Class	BE	TE	SE
1	Total students	182	168	138
2	Passed	180	159	131
3	Failed	02	00	00
4	Failed with ATKT	00	09	07
5	% of Result All Clear	98.90	94.64	94.92
BE Class Wise Result				
Sr.No	Class	BE	TE	SE
1	Distinction	179	158	102
2	First Class	1	01	29
3	Higher S. Class	0	0	0
4	Second Class	0	0	0
5	Failed With ATKT	0	09	07
6	<b>Total</b>	<b>180</b>	<b>168</b>	<b>138</b>

### PG Toppers Name

SN	Name of the Student	Result [CGPA]	Class
1			First Class with Distinction
2			First Class with Distinction

### UGToppers Name

SN	Name of the Student	Result [CGPA]	Class
1	NIRGUDE SHRADDHA SUNIL	9.2	First Class with Distinction
2	BHIRUD HARSHA SANJAY	9	First Class with Distinction
3	MANTHAN GAJANAN JATE	8.93	First Class with Distinction
4	HANDE PRATIK SHIVAJI	8.82	First Class with Distinction
5	DESHMUKH ADWAIT NARENDRA	8.8	First Class with Distinction
6	CHAUDHARI JAYDEEP N.	9.98	First Class with Distinction
7	PEKHALE BHAGYASHREE S.	9.89	First Class with Distinction
8	JADHAV SAKSHI VINAYAK	9.83	First Class with Distinction
9	KSHIRSAGAR PRACHI B	9.8	First Class with Distinction
10	PATIL SHUBHAM ANANTRAO	9.8	First Class with Distinction
11	BATHE SATYAM G	8.84	First Class with Distinction
12	DHIKALE MEGHANA M	8.83	First Class with Distinction
13	PATIL PUJA YOGRAJ	8.44	First Class with Distinction
14	RAJOLE SAMRUDDHI S	8.39	First Class with Distinction
15	BIRHARI SWAPNIL K	8.38	First Class with Distinction

## Departmental Library

Library has an extensive collection of academics volumes and titles. A large number of digital resources offered by library. Library provides open access to all staff and students, to access all the terminal facilities, journal indexing, reference services and documentation service etc.

## Sports

Sport is an integral part of the education at Matoshri. The sport facilities at the campus include indoor games, playground, cricket pitch, volleyball court and many more. These facilities exist for on campus medical attention. The health care service is provided absolutely free of cost to all students. Every year one Student sport in-charge is appointed by the Principal.

## Student club

Students of Department of CivilEngg. had established students club having name as “Contra-flexure Clube” on 19 September 2011. The Chief Guest was Dr V D Barve ,Retaired Professor & Principal of KKWIEER, Nashik.

## Events, Workshops and Placements

SN	Event Name	Resource Person	Name of org.
1	Yoga day Celebration and Awareness program	Mr. Vijay B. Hake	--
2	Employblity and Skill development	Mrs. Swati khillare	Rubicon Connect with work
3	Personality Development And Essential Skills Required For Placement	Mr.AjinkyaChopde	
4	Employblity and Skill development	Mr.PnkajDhandage,	Mahindra Pride Association With Naandi Foundation
5	Employblity and Skill development	Mrs. Swati khillare,	Rubicon Connect with work
6	Entrepreneurship Skill Development	Mr.SunilChandak ,Miss YogitaJaghdane	Udyogvardhini
7	Training on to enhance skill in Resume preparation and Communication	Mr.George	Nandi foundation
8	Skill Development	Mrs. KadambariDadhich,	Rubicon
9	Softskill and Personality Development	Mr.PnkajDhandage,	Mahindra pride training,
10	Training on Softskill Development	Mrs. Swati khillare,	Rubicon Connect with work
11	Yoga day Celebration and Awareness program	Ms. Hema Dave, Nashik	--
12	Reservoir Opeartion	Dr. AshwiniMirajkar,	Asst. Prof. Dept. of civil engg., VNIT, Nagpur

13	Digital Civil Engineering	Mr.Krishna G. Lodha,	Founding partner, MAP society, Nashik
14	SAP in Construction Industry	Mr.YogeshPandit,	SAP consultatnt, Pune
15	Fluid Mechanics-II	Dr. V.M.Natraj	,Head of Dept. of civil engg., GGSF, Nashik
16	Preparation of MPSC exam	Mr. Tatyavavhule sir	, AEE, PWD, GoM
17	Currier opportunities in Plumbing Engineering	Mr. MilindShete,	Chairmen, IPA Nashik Chapter

### Student Placed:

SN	Students Name	Company Name	Designation
1	RushikeshTantak	CESA, Pune (Hitesh Lahoti Associates)	Jr. Designer and Engineer
2	LalitGavali	B P Sangale, Mumbai	Jr. Site Engineer
3	AniketuttamraoJadhav	Agarwal Construcion, Nashik	Site Engineer,
4	RathorePralhadBhagat	Bhawani Builders and Developers	Owner
5	GaikwadSaylee R.	Government Contractor/Construction firm	Owner & Gov. Contractor
6	Bacchav Prasad V.	K. B. Construction	Owner
7	DhikaleAniket B	Salvi Construction	Owner
8	MagarMahendrasing B	M.B.M. Constuction	jr. Engineer
9	Sainathgawali B	PWD, Nashik	Jr Engineer
10	DodeSubhamSatish	Corporation office, malegao	Assistant Engineer
11	MahaleRushikesh D	Vinod Ultra and Associate	Site Engineer,
12	TawarRanjeetsingDhansing	B.R.Goyal infra Pvt.Ltd.	Site Engineer,
13	HembadeAbhijit A	Abhiraj Builders and Developers	Site Supervisor
14	SheteSubhamSubhash	Working as CO in vatsalaya consulting services, Aurangabad	Working as CO
15	WadjeRushikesh Ramesh	Sanjivane Infra	Site Engineer,
16	PawarAkashManohar	Site engineer at Nashik	Site Engineer,
17	ChaudhariHemant Suresh	DwarkamaiBuildcon	Site Engineer and owner
18	Shreyashsonawane	JSR Enterprises	Junior site Engineer

19	JAGDISH DNYANESHWAR S	Designer concrete Pvt Ltd	Trainee Engineer
20	Virajsurendrakothawale	KalikaBuildconPvt.Ltd	Junior site Engineer
21	ChinmaySadanandDighavkar.	Janaki Group Nashik (Shree Balaji Developers.)	Site Engineer
22	Pranav Sanjay Baviskar	BSCPL infrastructure Ltd.	Trainee Engineer
23	PrafulVinayakRane	K.T.G. Associates	Site Engineer
24	Pratik khatale	Ambuja Concrete, Nashik	Site Engineer
25	SushantUgale	Ambuja Concrete, Nashik	Site Engineer
26	VaibhavMalage	Ambuja Concrete, Nashik	Site Engineer
27	Monika Dhepe	S & R GeotechniquesPvt Ltd. Navi Mumbai	Design Engineer
28	DevendraMarode	AshokaBuildcon, Nashik	Site Engineer
29	ShubhamShete	VastalyaConsulatanat	Site Engineer

## Staff Publications

Sr No	Name of Staff	Topic	Conference/ Journal	Date and year
1	Dr. A. B. Saner	Energy pattern comparison of mesophilic and thermophilic condition upflow anaerobic sludge blanket reactor for distillery plant	3rd international conference on innovative technologies for clean and sustainable development	19-20 February 2020
2	Miss A. M. Kulkarni	Analyses of Footing Resting on Confined Sand	ICCCC- 2019	15-16 March 2019
3	Miss A. M. Kulkarni	Study of slope stability of Earthen dam by using Geostudio software	ICCCC- 2019	15-16 March 2019
4	Ms.SeemaBorole	Evaluation of performance of Geofoam in reduction of stresses on Buried Pipelines	ICCCC-2019	15-16 March 2019
5	Ms.SeemaBorole	Effect on Tensile strength of ECC by partial replacement cement with slag sand	ICCCC-2019	15-16 March 2019
6	Mr. HiralalPawar	EPS ferrocement wall panels	ICCCC-2019	15-16 March 2019
7	Mr. HiralalPawar	Effect of Steel Fiber and Opening Location on the Behaviour of Deep Beam	ICCCC-2019	15-16 March 2019
8	Mr. HiralalPawar	Precast Geopolymer ferrocement building components-An alternative for reinforced concrete-A case study	6th National Convention on Precast ferrocement	12-15 Nov. 2021
9	Mr.R.R.Kshatriya	Road Accident Analysis	International	15 and

		of Nashik City	conference on contents, computing and communication 2019	16/3/2019
10	Mr.R.R.Kshatriya	Investigation of flexural strength of concrete subjected to elevated temperature	International conference on contents, computing and communication 2019	15 and 16/3/2019
11	Mr. R.S.Mawal	Effect of Steel Fiber and Opening Location on the Behaviour of Deep Beam	International conference on contents, computing and communication 2019	15 and 16/3/2019
12	Mr. R.S.Mawal	EPS ferrocement wall panels	International conference on contents, computing and communication 2019	15 and 16/3/2019
13	Miss P. G. Baviskar	Numerical Analysis of Stone Column Foundation For Circular Storage Tank	International conference on contents, computing and communication 2019	15 and 16/3/2019
14	Mr.Deepak Mule	Retrofitting of Seismically deficient RC Frame Buildings using ETABS	Sixth Post Graduate conference of Civil Engineering	17th & 18th june 2019
15	Mr. BhushanIse	Experimental Study of basalt fibre on strength of concrete	Sixth Post Graduate conference of Civil Engineering	17th & 18th june 2019
16	Mr.P.R.Kalwankar	Free Vibration Analysis Of functionally graded plate	Sixth Post Graduate conference of Civil Engineering	17th & 18th june 2019
17	Mrs M.S. Aher	Properties of mortar with combination of Egg-shell Powder & fly ash as cement replacement	International conference on contents, computing and communication 2019	15 and 16/3/2019
18	Mrs. SangitaPawar	An Intuitionistic fuzzy optimization approach for a multiobjective problem of Kakrapar left bank main canal, india	International conference on Hydraulics, water resources and coastal engineering organized by Department of Civil Engineering University College of Engineering, OU Hyderabad	18-20 December 2019
19	Mrs. Arati B. Gaikwad	Investigation of ground water contamination around landfill site	14th international conference on science, technology and management	2nd march 2019
20	Miss Nikita P. Kushare	Redevelopment PDRI model for residential building : A case study	Sixth Post Graduate conference of Civil Engineering - 2019	17-18 th June 2019

**Departmental Achievements /activities like:**

Sr. No.	Name of activity	Remark
1.	Student Guardian activity	Mentoring students for solving academic & personal problems
2.	Parents Meet	Organize parents meet at the end of every sem.
3.	NSS	NSS camp in yearly once

**Staff Achievements**

Sr. No.	Name of staff	Achievement	Year
2.	Dr. V. J. Sharma	Ph.D Civil	2016
3.	Dr. U. P. Naik	Ph.D Civil	2017
4.	Dr. Y. V. Navandar	Ph.D Civil	2019

**FDP/STTP/Workshops Organized or Attended:****Paper presentations/Conferences/Projects/Model making competitions**

Sr. No.	Name of Staff	Date of Event	Organizer
13.	Ms.SeemaBorole	The Ambuja concrete Mix Design Workshop	AmbujaFoundation,Nashik
14.	Ms.SeemaBorole	IPR & STARTUPS	MCOERC Nashik
15.	Ms.SeemaBorole	Training on Basic of Remote Sensing & GIS with QGIS Hands - on	MCOERC Nashik
16.	MrHiralalPawar	Fifth national Convention 'Innovations in ferrocement'	Ferrocement Society, India
17.	MrHiralalPawar	Design on ferrocement	META, Nashik
18.	MrHiralalPawar	Introduction to finite element methods and its applications in engineering	Sanjivani COE, Kopargao
19.	MrHiralalPawar	Recent trends in Plumbing Engineering	MET, COE, Nashik
20.	MrHiralalPawar	IPR & STARTUPS	MCOERC Nashik
21.	MrHiralalPawar	Civil Engineering Aspects	Sandip Foundation along with ACCE, Nashik
22.	MrHiralalPawar	Bridge Engineering: Design, Execution, Rehabilitation and Maintenance	Sinhagad College of Engg along with IIBE, India
23.	MrHiralalPawar	Structural Engineering series in various structural Topics	ACCE Bangalore, India
24.	Mr. R.S.Mawal	The Ambuja concrete Mix Design Workshop	AmbujaFoundation,Nashik
25.	Mr. R.S.Mawal	Modern Surveying Instruments	Guru Gobind Singh College & Research Centre, Nashik

26.	Mr. P.R.Kalwankar	Teaching Engineering Mechanics Theory and Practical	Guru Gobind Singh College & Research Centre, Nashik
27.	Mr. BhushanIse	Recent advances in structural auditing systems	Sandip institute of technology and research center
28.	MrK.G.Sasane	Advanced Concrete Mix Design & Practical Implimentation	Jawahar institute of technology nashik
29.	MrK.G.Sasane	ambuja concrete mix design workshop	ambuja cement nashik
30.	Mrs M.S. Aher	Quantom GIS & its applications to water resources enginnering - 2016	Govt. College of Engineering Aurangabad
31.	Mrs M.S. Aher	Intelectual Property and patent life cycle management	Govt. College of Engineering Aurangabad
32.	Mrs M.S. Aher	soft computing techniques in engg. applications	Govt. College of Engineering Aurangabad
33.	Mrs M.S. Aher	Engineering optimization and its applications	Govt. College of Engineering Aurangabad
34.	Mrs M.S. Aher	Advanced Concrete Mix Design & Practical Implimentation	Jawahar institute of technology nashik
35.	Mrs M.S. Aher	IPR & STARTUPS	MCOERC Nashik
36.	Mrs M.S. Aher	Training on Basic of Remote Sensing & GIS with QGIS Hands - on	MCOERC Nashik
37.	Mrs M.S. Aher	Online Teaching Syllabus of T.E. Civil - 2015 pattern	Dr. VithalraoVikhePatil College of Engg, Ahmednagar in association with Board of Studies, Civil Engg, SPPU,Pune
38.	Mrs M.S. Aher	Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.)	Department of Civil Engineering, Sinhgad College of Engineering, Pune in association with BoS Civil Engineering, SavitribaiPhule Pune University
39.	Mrs M.S. Aher	Innovation and upgradation in infrastructure technology	Terna Engineering college nerul
40.	Mrs M.S. Aher	Three Days Online Faculty Development Program on “QGIS”	Department of Civil Engineering, MAEER's MIT Polytechnic, Pune
41.	Mrs M.S. Aher	Faculty Development Program on “Art of Research Paper Writing And IPR”	PCET’s PimpriChinchwad College of Engineering (PCCOE, Nigdi), Pune
42.	Mrs M.S. Aher	Formwork design and safety	COEP, PUNE
43.	Mrs M.S. Aher	Research Publications and Citations: Perspective of a Highly Cited Researcher	Enliven Archive
44.	Mrs M.S. Aher	Management of references and citations using endnote software to write research paper	Sandip institute of technology and research center, Nashik
45.	Mr.P.R.Kalwankar	Ferrocement Technology	SRES COE KOPARGAON
46.	Mrs. SangitaPawar	6th International Distance Learning Course in Basic Hydrological Sciences -2020 for Asian Region (WMO RA-II)	National Water Academy, India

47.	Mrs. Sangita Pawar	Design of Storm Water Network for Smart City: Theory and Practice	Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat during January 2-6, 2017
48.	Mrs. Sangita Pawar	Simulation Modeling in Manufacturing and Service Industry	K.K.Wagh Institute of Engineering in association with University of Pune during March 1-2, 2013.
49.	Mrs. Sangita Pawar	Engineering Optimization and Its Applications (EOAIA-2012)	Department Of Civil Engineering, Government College Of Engineering, Aurangabad
50.	Mrs. Sangita Pawar	Soft Computing Tools and Its Applications in Engineering (SOCTAPE-2013)	Department Of Civil Engineering, Government College Of Engineering, Aurangabad
51.	Mrs. Sangita Pawar	IPR & STARTUPS	MCOERC Nashik
52.	Mrs. Arati B. Gaikwad	the ambuja concrete mix design workshop	Ambuja Foundation, Nashik
53.	Mr. R.R. Kshatriya	Online Faculty Development Program on Scilab	JD College of Engineering & Management, Nagpur in association with Spoken Tutorial, IIT Bombay
54.	Mr. R.R. Kshatriya	Intellectual Property Rights	Computer Engineering Department, MVPS's KBT College of Engineering, Nashik
55.	Mr P S Sathe	Advanced Design of Steel Structure	Department of Structural Engineering, SVNIT, Surat
56.	Mr P S Sathe	"Awareness Webinar on Outcome Based Education and Accreditation"	by NBA, New Delhi in Association with Directorate of Technical Education, Maharashtra State and College of Engineering Pune
57.	Seema Borole	Materials for Thermal & Renewable Energy Research	Sai ram institute of technology, chennai
58.	Seema Borole	Recent trends in Research Methodology	REST Society for research international
59.	Mr P S Sathe	The Ambuja concrete Mix Design Workshop	NDMVP, KBT, COE in Association with Institute of Engineers local chapter Nashik

### Students Paper presentations/Conferences/Projects/Model making competitions

Sr. No.	Name of student	Title of Competition	Event	Location	Year
1	Jaydeep Chaudhari	MINDSPARK 19 in survey		COE, Pune	2019
2	Pankaj Patil	MINDSPARK 19 in survey		COE, Pune	2019
3	Jay Gunjal	MINDSPARK 19 in survey		COE, Pune	2019
4	Pankaj Patil	MINDSPARK 19 in survey		COE, Pune	2019
5	Manik Bodke	MINDSPARK 19 in survey		COE, Pune	2019
6	Jaydeep Chaudhari	MINDSPARK 19 in		COE, Pune	2019



		Conquest			
7	PankajPatil	MINDSPARK 19 in Conquest		COE,Pune	2019
8	JaydeepChaudhari	MINDSPARK 19 IN Quiz competition		COE,Pune	2019
9	JaydeepChaudhari	MINDSPARK 19 in Bridge the Gap		COE,Pune	2019
10	Sagarshinde	Investigation of ground water contamination around landfill site	IJSRR		Feb 2019
11	PatilGaurao Suresh	To study behaviour of pile in liquifaction of soil using ansys	IRJET		05-05-2019
12	SagarShinde	Investigation of subsurface contamination around landfill site	Indian Geotechnical Conference	S.V.NationalInstituteof technology ,Surat ,Gujrat	2019
13	SagarShinde	Analysis of heavy metal contamination in soil in the vicinity of an Open dump site	Symposium on recent advances in susaainable geotechnics	Indian Institute of Technology, Kanpur	17/102019
14	Sayli B Rautmare	Mechanical Stabilization of Marine Clay	Innovation in civil Engineering through sustainable technologies (ICETST)	Mahatma Gandhi Institute of Technology ,Hydrabad	20/09/2019
15	Sayli B Rautmare	Stabilization Of Marine Clay	Symposium on recent advances in susaainablegeot echnics	Indian Institute of Technology, Kanpur	17/102019
16	SachinShinde	Stability of Slope	Recent Development in civil Engineering Infrastructure	Maulana Azad national Institute of Technology,Bhopal	21/09/2019
17	SachinShinde	Slope Stability	ICETST	Mahatma Gandhi Institute of Technology ,Hydrabad	20/09/2019
18	SachinShinde	Analysis of Stability of slope	Symposium on recent advances in susaainable geotechnics	Indian Institute of Technology, Kanpur	17/102019
19	Hitesh parmar	Ground improvement for embankment construction over marine clay in Navimumbai	ICCCC-2019	Matoshri College of Engineering and research Centre	15/03/2019
20	PallaviDavkhar	Precast Geopolymerferrocement building components-An alternative for reinforced concrete-A case study	6th National Convention on Precast ferrocement	Pune, Nashik	12- 15 Nov 2021

## Books Publications

Sr. No.	Name of Staff	Achievements	Publication	ISBN
1	Miss A. M. Kulkarni	Sustainable Method of Solid Waste Management	Scholars Press	978-613-8-92027-4
2	Dr. A. B. Saner	Sustainable Method of Solid Waste Management	Scholars Press	978-613-8-92027-4
3	Mr. Hiralal Pawar	Retrofitting of reinforced building component by ferrocement technique	Scholars Press	978-620-2-31185-4
4	Mrs. Sangita Pawar	Optimal Reservoir Operation Using Fuzzy Logic Technique-A Case Study	LAMBERT	978-620-0-56392-7

## Other information:- (if any applicable)

### Infrastructure Information

Classroom / Tutorial Room facilities

Total No. of Classrooms : 05 Nos.

Carpet Area of class room (each) : 440 Sq.m

### Laboratory Details

Total No. of Laboratories : 11 Nos.

Carpet Area of Laboratory : 913 Sq.m.

Sr. No.	Class room	Sq.Mtr
1	SE A	101.7
2	SE B	109.8
3	TE A	56.25
4	TE B	85.88
5	BE A	85.88

Sr. No.	Name of The Laboratories	Sq.Mtr
1	Geotech	85.88
2	survey lab.	100.8
3	Engg. Mechanics lab	101.7
4	FM lab	92.72
5	Drawing hall	139.08
6	computer centre	185.25
7	Geology Lab	56.25
8	SOM LAB	39.9
9	TRANSPORT LAB.	108.3
10	CONCRETE TECH. LAB.	108.3
11	ENVIRONMENT LAB.	105.45

## Department Electrical Engineering

It gives me great pleasure to welcome you into our academic family, and be a part of its illustrious history. The Department of Electrical Engineering has been established in 2010 with intake of 60 students at under graduate level. To accelerate research and development activities, the department started a postgraduate program in Electrical Power System with intake of 24 in 2014.

The department aims to provide quality technical education for preparing globally competent and ethically strong Electrical Engineers with power of innovation to contribute the knowledge for the betterment of society. The department works on fundamental principles, deep understanding and ability to work in co-ordination. The department aims at development of creative ability to handle the challenges and the capacity to adapt and solve problems of inter-disciplinary nature.

The department also encourages the students to engage themselves in various co-curricular and extracurricular activities. The department looks forward towards students to improve their overall personality and to induct the spirit of team work, leadership and organizational skills essential to build a successful career. Many Guest-Lecturers from both industry and academia are invited on a regular basis, so that the students can be benefitted from their vast repertoire of knowledge and experience.

The department is headed by Prof. S. S. Khule. He has 21 years of teaching experience. The department is proud to have qualified, enthusiastic, and dedicated team of faculty members and supporting staff. The department has all the modern amenities, resources, and infrastructure to help the students to access all possible avenues of education. He is the coordinator of ISO and head of admission process in this institute.

### Department information

- 1 Name of the Department:** Electrical Engineering
- 2 Year of Establishment:** 2010
- 3 Name of programs/courses offered:**

Program	Specialization	Intake
UG	Electrical Engineering	Started with 60 in 2010
PG	Electrical Power system	Started with 24 in 2013

### 4. Infrastructure Information

Sr. No.	Description	Qty.	Carpet area in m <sup>2</sup>
1	Classrooms	5	532
2	Tutorial rooms	1	48

3	Laboratory	10	967
4	Seminar Hall	1	181
5	HOD cabin	1	35
6	Faculty room	1	92
7	Department store	1	17
8	Department Library	1	40
<b>Total</b>			<b>1912</b>

- **Doctoral Courses** :Nil
- **Foreign Collaborations, if any Memberships** : Nil
- **Professional activities** :Nil
- **Consultancy activities** : Nil
- **Grants fetched** :Nil

#### 6. Departmental Result

Overall Result				
Sr.No	Class	BE	TE	SE
1	Total students	120	115	86
2	Passed	117	110	79
3	Failed	03	05	07
4	Failed with ATKT	00	00	00
5	% of Result All Clear	97.5	95.65	91.86
Class Wise Result				
Sr.No	Class	BE	TE	SE
1	Distinction	60	110	54
2	First Class	50	00	25
3	Higher S. Class	05	00	00
4	Second Class	02	00	00
5	Failed With ATKT	0	00	00
6	<b>Total</b>	<b>117</b>	<b>110</b>	<b>79</b>

#### 7. PG Toppers Name

SN	Name of the Student	Result [CGPA]	Class
1	AmolLaxman Dighe	9.50	First Class with Distinction
2	SonaliPurushottamGosavi	8.72	First Class with Distinction

#### 8. UG Toppers Name

SN	Name of the Student	Result [CGPA]	Class
1	TarleApeksha Vijay	8.98	First Class with Distinction
2	BhandPooja Sunil	8.47	First Class with Distinction

3	JadhavRushikeshVinayak	8.46	First Class with Distinction
4	Chaudhari Pratik Sanjay	8.41	First Class with Distinction
5	Hire SayaliAbhimanyu	8.36	First Class with Distinction
6	WaghHarshadShashikant	8.36	First Class with Distinction
7	DeshmukhPrachiShriram	8.24	First Class with Distinction
8	AherPritiAvinash	8.16	First Class with Distinction
9	WaghShubhamSudhakar	8.15	First Class with Distinction
10	Deshpande AtharvaKishor	8.11	First Class with Distinction

### 9. Industrial Visits:

Academic Year	Date	Industry Visited	Class	No. of Students Visited
<b>2019-20</b>	2/7/2020	Caprihans India Ltd, Nashik	SE (Div-A and B) Electrical	81
	2/5/2020	Crompton Greaves Ltd	BE (Div-A and B) Electrical	29
	1/25/2020	500 KV HVDC Receiving station (O&M), Padghe, Bhivandi	BE (Div-A and B) Electrical	79
	9/25/2019	Nashik Transformer, Satpur	TE (Div-B) Electrical	44
	9/24/2019	Nashik Transformer, Satpur	TE (Div-A) Electrical	37
	8/20/2019	Sunny Capacitors, Satpur, Nashik	SE (Div-A) Electrical	33
<b>2019-20</b>	8/2/2019	400 KV substation, MSETCL, Babbleshwar, Ahmednagar	TE (Div-A and B) Electrical	57
<b>2018-19</b>	3/29/2019	Kadwa Sugar Mill, Matherwadi, Dindori	BE (Div-A and B) Electrical	49
	2/23/2019	400 KV substation, MSETCL, Babbleshwar, Ahmednagar	BE (Div-A and B) Electrical	45
	10/3/2018	Uran Gas Turbine Power Station, MSPGCL, Raigad	SE (Div-A and B) Electrical	75
	9/28/2018	Rajhans Milk Factory, Sangamner	BE (Div-A and B) Electrical	82

	9/28/2018	Suzlon Global Services Ltd., Sinnar	TE (Div-A and B) Electrical	77
	9/19/2018	400 KV substation, MSETCL, Babbleshwar, Ahmednagar	TE (Div-A and B) Electrical	54
	9/6/2018	500 KV HVDC Receiving station (O&M), Padghe, Bhivandi	BE (Div-A and B) Electrical	93
	8/28/2018	Sunny Capacitors, Satpur, Nashik	SE (Div-A) Electrical	38
<b>2017-18</b>	2/27/2018	Nashik Transformer Industries, Satpur Colony, Nashik	SE (B) Electrical	48
	2/26/2018	Nashik Transformer Industries, Satpur Colony, Nashik	SE (A) Electrical	51
	2/10/2018	BDTCL 765/400 KV substation, Dhule	TE Electrical	115
	2/3/2018	400 KV substation, MSETCL, Babbleshwar, Ahmednagar	BE Electrical	85
	1/23/2018	Sinnar Transformer, Musalgaon MIDC, Sinnar	TE (B) Electrical	51
	1/5/2018	Sinnar Transformer, Musalgaon MIDC, Sinnar	TE (A) Electrical	53
	10/13/2017	Reliance Infrastructure Limited, Dahanu TPS, Dahanu	TE Electrical	49
	9/21/2017	Thakare Electric Workshop, Satpur, Nashik	TE (B) Electrical	61
<b>2017-18</b>	9/6/2017	500 KV HVDC Receiving station (O&M), Padghe, Bhivandi	BE Electrical	93
	9/8/2017	33/11 KV substation, MSETCL, Panchak, Nashik	TE (B) Electrical	62
	8/24/2017	Thakare Electric Workshop, Satpur, Nashik	TE (A) Electrical	67
	8/11/2017	Deshmukh Solar Energy Pvt. Ltd.	SE (A) Electrical	28

	7/27/2017	33 KV Substation, Wadalibhoi, Nashik	TE (A) Electrical	57
<b>2016-17</b>	3/25/2017	Reliance Infrastructure Limited, Dahanu TPS, Dahanu	TE Electrical	87
	3/22/2017	Kadwa Sugar Mill, Kadwa	BE Electrical	83
	2/18/2017	NTPS training Centre, Eklahare, Nashik	SE (A&B) Electrical	103
	9/30/2016	Vaitarna Hydro Power Station, Vaitarna	BE Electrical	86
	9/19/2016	132 KV MSETCL Adgaon Substation	TE Electrical	61
<b>2016-17</b>	8/11/2016	Huphen Fabricators, Ambad	SE Electrical	25

#### 10. Event Organized (Workshops/ Seminars)

<b>A.Y.</b>	<b>Capability Enhancement Scheme</b>	<b>Date</b>	<b>Students enrolled</b>	<b>Agencies involved</b>
<b>2019-20</b>	Soft Skill Development Training Program for BE Electrical Students (2 days) by ShitalKhade	30-31 Jan 2020	130	Rubicon Soft Skill training
	Under Bridge Courses, PLC & SCADA Workshop for BE Electrical Students (8 days) by Nikhil Sonawne	23-30 Sept 2019	88	Technocrat Academy of Automation & Control, Ambad MIDC
	Expert Lecture on "Energy Conservation and Audit" for TE Electrical Students by Prof. S. P. Gawade	17 <sup>th</sup> Jan 2020	57	Director, Gawade Electricals, Nashik
	Expert Lecture on "Electrical Installation Maintenance & Testing (EIMT)" for TE Electrical Students and BE(A) by Mr. J. H. Rathor	9 <sup>th</sup> Sept 2019	104	Additional Executive Engineer, MSEDCL, Eklahare, Nashik

	Expert Lecture on “Android Security and Hacking” for SE and TE Electrical Students by Mr. Ansari navid md akram sir	4 <sup>th</sup> Sept 2019	152	Elite versatile education foundation
<b>2019-20</b>	Expert Lecture on “Power Plant Engineering” for SE (Div A) Electrical Students by Mr. R. G. Zambre	21 <sup>st</sup> Aug 2019	32	Additional Executive Engineer, Nashik Training Center, MAHAGENCO, NTPS, Nashik
	Expert Lecture on “Electric and Hybrid Vehicle” for BE Electrical Students by Prof. J. P. Shah	2 <sup>nd</sup> Aug 2019	66	Assistant Professor in Electrical Department at K. K. Wagh, I.E.E.R, Nashik
<b>2018-19</b>	Soft Skill Development Training Program for TE Electrical Students (6 days)	3-8 sept 2018	127	Pehla Job
<b>2018-19</b>	Soft Skill Development Training Workshop for BE Electrical Students (6 days)	14-19 sept 2018	132	Mahindra Pride
	Expert Lecture on “Interview Technique” for BE Electrical Students by Mr. S. B. Bhandekar	18 <sup>th</sup> July 2018	95	Ex. Chief Engineer Gen. (O & M)
	Expert Lecture on “Ingredients for successful Engineers (WASk)” for SE, TE and BE Electrical Students by Prof. Dr. R. G. Tated	20 <sup>th</sup> July 2018	190	Professor in Mechanical Engineering at Matoshri college of Engineering and Research center.
	Expert Lecture on “Electric and Hybrid Vehicle” for BE Electrical Students by Prof. J. P. Shah	23 <sup>rd</sup> July 2018	68	Assistant Professor in Electrical Department at K. K. Wagh, I.E.E.R, Nashik
	Expert Lecture on “Job Opportunities” for BE Electrical Students by Mr. SachinWagh	25 <sup>th</sup> July 2018	70	Director, GyanadaEducare,
<b>2018-19</b>	Expert Lecture on “Switchgear and Protection” for BE Electrical Students by Mr. GhanashyamPatil	27 <sup>th</sup> July 2018	101	Senior Manager- Design, Crompton Greaves Ltd, EHV Switchgear Division(S3), A-3 MIDC,



				Ambad, Nashik.
	Expert Lecture on “Power Plant Engineering” for SE (Div A) Electrical Students by Mr. R. G. Zambre	27 <sup>th</sup> September 2018	44	Additional Executive Engineer, Nashik Training Center, MAHAGENCO, NTPS, Nashik
	Expert Lecture on “ Power Plant Engineering ” for SE (Div B) Electrical Students by Mr. R. G. Zambre	28 <sup>th</sup> September 2018	44	Additional Executive Engineer, Nashik Training Center, MAHAGENCO, NTPS, Nashik
	Expert Lecture on “ Electrical Safety ” for SE Electrical Students by Mr. A. R. Chavan, Mr. J. H. Rathor, Mr. S. S. Badgujar	15 <sup>th</sup> January 2019	93	Additional Executive Engineer, MSEDCL, Eklahare, Nashik
	Expert Lecture on “ Interview Technique ” for TE and BE Electrical Students by Prof. S. D. Rajguru	29 <sup>th</sup> January 2019	62	Director of Career and Management Academy, Institute for Training and Skills Development in Commerce and Management.
	Expert Lecture on “ Energy Conservation and Audit ” for TE Electrical Students by Prof. S. P. Gawade	8 <sup>th</sup> February 2019	90	Director, Gawade Electricals, Nashik
	Expert Lecture on “ Energy Conservation and Audit ” for Electrical and Mechanical Faculty members under Institutional Training programe (I.T.P) by Prof. P. N. Daspute	5 <sup>th</sup> March 2019	15	Faculty of PCRA Petroleum Conservation Research Association (Govt. of India)
	Expert Lecture on “ Oppurtunities after Engineering ” for TE Electrical Students by Mr. V. Kirankumar	28 <sup>th</sup> March 2019	73	Senior Expert, Faculty of Gate in Vani Institute, Pune
<b>2017-18</b>	“Home Automation” for S.E , T.E and B.E students by Prof. Sanjay.	6/7/2017		Director of Electronic study center, Nashik

	A. Chaudhary			
	“Preparation for higher studies TOFEL & GRE” for T.E and B.E students by Mr. Sagar. Ahire	14/07/2017		Counselor ESPI VISA consultant PVT.LTD, Nashik
	“Safety Program” for S.E and B.E students by Mr. C. C. Darvekar	21/07/2017		Ex. Engineer MSEB, Nashik
	“Load Dispatch” for B.E students by Mr. S. B. Bhandekar	14/09/2017		Ex. Chief Engineer Gen. (O & M), MSPG CO.LTD, Mumbai
	“Electrical Firing & Safety ” for S.E and B.E students by Mr. Bhupendra. Gangurde	4/1/2018		-
	“Energy Conservation and Audit” for T.E students by Mr. Sanjay P. Gawade	4/1/2018		Director Gawade Electrical, Nashik
	“Traffic Safety” for S.E, T.E & B.E students	14/08/2017		Seminar at Children Traffic Education Park
	“Cyber Security & Cyber Law” for S.E, T.E & B.E students by Mr. Shoeb	17/08/2017		Elite Versatile Education Foundation
	“Electrical Equipment Testing and Maintenance” for T.E students by Mr. S N. Thakre	25/09/2017 To 27/09/2017		Thakre Electric Workshop, Nashik
	“Enhance Your Empty Ability” for B.E students by Miss Shweta. Kale	26/09/2017 To 27/09/2017		
<b>2016-17</b>	Employment ability skill development by Mr. KunalGurnani,	07/07/2016- 09/07/2016	61	ENE Solutions.
	Expert lecture on Instrument Transformers by Ms. AshwiniShahane	10/9/2016	75	Production and planning engineer, Hupen fabricators Nashik,
	Expert lecture Technology and quality Management by Dr. SurendraKansara	12/9/2016	210	Assistant Professor, Symbiosis institute of operation Management

Expert lecture on Power Quality by Mr. S. B. Bhandekar	16/09/2016	86	Ex, Chief Engineer, Mahagenco Nashik
Expert talk on Basic Electronics by Mr. Sanjay Chaudhari	30/12/2016	75	Electronics study center, Ring road Jalgaon.
Expert lecture on Art of Living by Mr. Chandrakant Thakur	6/1/2017	106	DivyaSamajNirman, Nashik

## 11. Staff Publications

8. Dr. Shridhar Khule published paper entitled “E-Vehicle Charging Infrastructure Based on Inductive Wireless Power Transfer Scheme” International Journal Of Research In Electronics And Computer Engineering A Unit Of I2or,ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE)
9. Dr. Shridhar Khule published paper entitled “Combined Dissolved Gas Analysis: A Prescient Methodology for Recognizing Faults in Transformer by MATLAB GUI” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056,Volume: 06 Issue: 11 | Nov 2019
10. Dr. RakeshSrivastava,“Comparative analysis of FOC Based Three level DCMLI driven PMSM drive ”, 1<sup>st</sup> International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAET)- 2019 (Publisher IEEE)
11. Mr.Vivek Aranke published paper entitled “Series Voltage Regulator for Radial DC – Microgrid” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 05 | May 2019 www.irjet.net p-ISSN: 2395-0072
12. Mr.Vivek Aranke published paper entitled “Role of IEC 61850 & GOOSE in Substation Automation” International Journal of Innovative Science and Research Technology, Volume 4, Issue 9, September – 2019, ISSN No:-2456-2165.
13. Mr.Vivek Aranke published paper entitled “Methods of Voltage Regulation for Radial DC-Microgrid” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 07 | July 2019 www.irjet.net p-ISSN: 2395-0072
14. Mr. SomnathHadpe published paper entitled “A Novel Methodology to Sense CT Saturation Using Numerical Protection Relays” International Journal of Innovative Science and Research Technology ISSN No:-2456-2165
15. Mr. SomnathHadpe published paper entitled “Performance Analysis of a DC Microgrid Integrated Dynamic Voltage Restorer with Model Predictive Control Strategy” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056

## 12. Paper presentations/Conferences/Projects/Model making competitions

Sr. No.	Title of Competition	Date of Event
1	Project competition	12 Feb 2020
2	Poster presentation	12 Feb 2020

## 13. FDP/STTP/Workshops Organized or Attended:

Faculty Name	Title	Year	Description
Dr. S. S. Khule	FDP on Electrical Distribution System Analysis with Renewable Energy Sources"	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
Dr. R. G. Shrivastawa	FDP on " Accreditation and Outcome Based Education"	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
	FDP on "Electric Vehicles"	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
	FDP on "Role of Renewable Energy Sources in Power System	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
Dr. R. G. Shrivastawa	FDP on "Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process	2021	National Level One Week Online Faculty Development Programme
	FDP on "Opportunity and Challenges for Electric Vehicles in the Automotive Industry"	2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP
	"Grid Integration and Protection"	2020	One Week Online Faculty Development Program on "Grid Integration and Protection"
	Short-Term Training Program on "IoT& Advanced Power Electronics Applications in Smart Grid"	2020	Sponsored by AICTE and organized by the Department of Electrical Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik from
	"Experiences in Solar Energy:Challenges& Opportunities"	2020	one week online training program organized by PimpriChinchwad College of Engineering (PCCOE, Pune)
	STTP Attended on "Morden Trends in Electrical Drives"(MTED)	2020	Organized by Nagpur Institute of Technology, Nagpur

	Webinar on “Holistic Energy Management”	2020	Organized by K.K.Wagh Institute of Engineering Education & Research, Nashik
	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification conducted by Indian Institute of Science, Bangalore
Mr. V. R. Aranke	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification conducted by Indian Institute of Science, Bangalore
Mr. S. S. Hadpe	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification conducted by Indian Institute of Science, Bangalore
Mr. A. E. Jagtap	The complete AutoCAD 2018-21	2020	Organized by UDEMY
	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification in April-2020.
	Curriculum Implementation Workshop for the course “Power Generation Technologies”	2020	Organized by Department of Electrical Engineering, Sinhgad Institute of Technology, Lonavala
	The complete 2020 PV Solar Energy with Pvsyst/Excel/ AutoCAD	2020	Organized by UDEMY
	Curriculum Implementation Workshop for the course “Applications of Mathematics in Electrical Engineering”	2020	Organized by Department of Electrical Engineering, Sinhgad Institute of Technology, Lonavala
Ms. S. B. Kokne	FDP on “Solar Energy and Energy Bill Audit”	2020	Organised by PCCOE, Nigdi
	FDP on “Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19”	2020	Organised by Vivekanand Education Society's Institute of Technology
	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification with a score of 97 % on April-2020.
Mr. C. R. Shinde	5day FDP on “Developing Leadership Skills for Enhancing Personal and Organizational Outcome”	2021	VVCE, MYSURU

	One-week virtual faculty development program on, "Restructured Power System: Operation and Planning	2021	RIT-IEEE, Rajaramnagar
	Three Days Online Faculty Development Program on "Industry 4.0"	2021	Ndmvp,Nashik
	3 Days FDP on "Artificial Intelligence (AI) and Machine Learning (ML) Applications in Power Systems"	2020	KKWIEER,Nashik
	Curriculum implementation Workshop of "Analog & Digital Electronics"	2020	SPPU,Pune & Sinhgad Institute of Technology, Lonavala
	5 Days Online Workshop "Present Trends & Research on Electrical Vehicles"	2020	RIT-IEEE, Rajaramnagar
	3 Days online FDP on "Solar Energy & Energy Bill Audit"	2020	PCCOE,Nigadi,Pune
	One Week FDP on "Modern Trend in Electric Drives"	2020	NIT,Nagpur
Ms. K. C. Jane	Four days FDP on "Recent trends in Energy and Power System"	2021	organized by the school of Electrical Engineering, Vellore Institute of Technology, Chennai.
	Five days FDP on "Recent Trends in Internet of Things"	2021	Organized by AICTE Training And Learning (ATAL) Academy
	Three days FDP on "Protecting YOU in CyberSpace"	2020	Organized by Pillai College of Engineering, New Panvel, Mumbai
	Workshop on "Solar Energy and Energy Bill Audit"	2020	Organized by Pimpri Chinchwad College of Engineering (PCCOE, Nigdi)
	Two days workshop on "LATEX"	2020	Organized by Department of Electrical Engineering, Matoshri College of Engineering & Research Center, Nashik
	Three days workshop on "Interactive optimization education using MATLAB"	2020	Organized by P.R. Pote college of Engineering, Amravati

Mr. A. S. Nirgude	FDP ON "Advances in SCADA & 5 G Technology"	2021	Department of Electrical Engineering & Electronics & Telecommunication Engineering Jointly Organized One Week Online National Level Faculty Development Programme (To help minimize the impact of the COVID-19 outbreak on Faculty.)
	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification conducted by Indian Institute of Science, Bangalore
	One Week FDP on Modern Trends in Electrical Drive	2020	Organized by NIT nagpur
	FDP on "Solar Energy and Energy Bill Audit"	2020	organized by PCET's PimpriChinchwad College of Engineering
	Faculty Development Program on Online Teaching & E-content	2020	Organized by IIDE
Mr. D. R. Bhise	Performance Analysis Of CB-SVM Three-Phase Five-Level DCMLI Fed PMSM Drive	2021	International Conference on Sustainable Innovation in Science and Technology
	Computational Tools and Techniques MATLAB ANSYS	2020	Conducted by Government college of Engineering Karad.
	Artificial Intelligence	2020	DrRajendraGode Institute Of Technology & Research, Amravati,
	NBA Accreditation and Teaching Learning in Engineering (NATE)	2020	NPTEL online certification with a score of 97 % on April-2020.
	"Recent trends in Networking and Telecom"	2020	Organized by MarathwadaMitraMandal Institute of Technology (MMIT), Lohgaon, Pune - 47.
	Data Science and Applications "	2020	Sponsored by Technical Education Quality Improvement Programme (TEQIP III) Jointly Organized By Government College of Engineering, Aurangabad & Karad (M.S.)
Ms. P. B. Kandekar	One week learning program " Power system protection "	2020	TATA Steel

	One week learning program " Power system Earthing "	2020	TATA Steel
	One week learning program " PLCs "	2020	TATA Steel
	One week learning program " Basics of Machine learning "	2020	TATA Steel
Ms. A. V. Tidke	Online Faculty Orientation Workshop on TE (Electrical) Revised Syllabus 2019	2021	Organized by Department of Electrical Engineering Dr. D.Y. Patil Institute of Technology Pimpri, Pune 18
	One week FDP on Recent Trends in Renewable Energy Source	2021	Organized by Department of Electrical Engineering in association with ISTE, New Delhi ISHRE Nashik Chapter
	Six sigma Yellow belt	2020	Six sigma Yellow belt certification course
	online Workshop "Novel ICT Tools for Teaching Learning	2020	Organized by .K.Wagh Education Society K. K. Wagh College of Pharmacy, Nashik K. K. Wagh Institute of Pharmacy, Chandori
	NBA Accreditation and Teaching - Learning in Engineering (NATE)	2020	NPTEL online certification with a score of 95% on April-2020.
	Faculty Awareness Program on " NBA Accreditation Process"	2020	Organized by SNJB's College of Engineering, Chandwad
	Workshop on "Solar Energy and Energy Bill Audit"	2020	Organized by PimpriChinchwad College of Engineering (PCCOE, Nigdi)
	Faculty Awareness Program on " Outcome based Education and NBA Accreditation "	2020	Organized by Sinhgad Institute of Technology and Science Narhe, Pune
	2 day FDP on "Online Teaching and E-Content"	2020	Organized by IIDE.

#### 14. Staff Achievements

Sr. No.	Name of Staff	Achievements
1	Dr. Shridhar S. Khule	Completed Ph.D.



## Artificial Intelligence and Data Science

Matoshri College of Engineering and Research Center, Nashik offers the graduation (BE) in AIDS, since 2020.

Today we are living in the era of modernization and the thirst of human to attain the comfort, ease and convenience is unending. Whatever state-of-art automation and modernization we have achieved is due to the Lion's share of Artificial intelligence. Though automation is accompanied by axe on manual labor, we cannot live without it in today's circumstances. It has certainly opened the doors for new breed of developers compensating the axe to some extent.

Artificial intelligence is not only restricted to high end gaming but also used in Robotics, vehicle control, manufacturing, navigation, Weather prediction, stock market prediction, automatic scheduling, optimization and many more. Natural language processing, a branch of AI has gained momentum as we are able to issue the commands to the devices/appliances in one's natural language. This has certainly revolutionized our lives.

Artificial intelligence and Data Science (DS) go hand in hand. The voluminous data generated everywhere need to be intelligently explored and retrieved as per the need. The warehouses of the data have many patterns useful in providing incites to take decisions with surprising accuracy.

So, to study AIDS is need of the time and the careers for the experts in AIDS are bright and perennial.

<b>Course</b>	<b>UG</b>
<b>Year of Establishment</b>	<b>2020</b>
<b>Sanction Intake</b>	<b>60</b>
<b>Program</b>	<b>Artificial Intelligence and data Science</b>
<b>Number of students</b>	<b>24</b>
<b>Academic Coordinator</b>	<b>Mr. M. T. Dhande</b>

<b>Sr.No</b>	<b>Particulars</b>	<b>Buildi ng</b>
1.	HODcabin	A
2.	Class Room SE	A
3.	Computer Lab-1	A
4.	Computer Lab-2	A

## Other information Infrastructure Information

**Classroom/ Tutorial Room facilities:** Total No. of Classrooms: 1 Nos

Sr.No.	Class room	Sq.Mtr
1	SE AI & DS	85.23

## Laboratory Details

Total No. of Laboratories: 02Nos.

Sr.No	Name of the lab	Areain Sq.Meter
1	Computer Lab 1	103.97
2	Computer Lab 2	103.97

## Details of other facilities

a) **Internet facilities for Staff & Students:**

Gio Lease Line 100 Mbps

### ❖ **Faculty Details:**

Sr. No.	Name of Faculty	Year of Experience
1	Mr. Mahesh T. Dhande	9.6 Years
2	Mrs.Veenaya N. Ahire	7.9 Years
3	Mrs.Pallavi P. Pingale	05 Years

## INFORMATION ABOUT THE INSTITUTE ACTIVITIES

### Staff list of Institute:

\* Detail one page profile- Annexure No. I

Strategies are adopted by the institution in enhancing the teacher quality by staff development

Programmes and other activities during the last four years. Details as given

Faculty involvement in active research by guiding student research, leading Research Projects and Engaged in individual/collaborative research activity, etc details as given.

### A. Active Research:-

**Guiding Research Scholars: E&TC 14**

**Computer 9**

### Ph.D. Scholars List

Sr. No .	Name of the Ph.D. Scholar	Department	Name of the Guide	Title of the Thesis	Year of Registration/ Completed Ph.D	Ph.D. Status
1	Mr. Narkhede Satish S.	E&TC	Dr. G.K. Kharate	Synthesis And Simulation Of Novel Multivalued Logic Architecture Of Processor	2015	Completed
2	Mr. Chopade Jayant J.	E&TC	Dr. N.P. Futane	“Development of Speech Processing Algorithm to Improve Perception of Hearing Impaired”	2016	Completed
3	Mr. Shete P.G	E&TC	Dr. G. K. Kharate	Automatic Breast cancer invasion Detection based on Quantitative and Effective selection of Markers	2018	Completed
4	Mr. Turkane Santosh M.	E&TC	Dr. A. K. Kureshi	Design of Energy Efficient FPGA Architecture for Moderate Speed Applications	2018	Completed
5	Mr. Ahire Dynanesh ware D.	E&TC	Dr. G. K. Kharate	“Design and Development of Wideband Microstrip Patch Antenna /Antenna Array for Biomedical Application”	2019	Completed

6	Mr. Rahane Sandip B.	E&TC	Dr. A. K. Kureshi	“Design of Low power circuits for portable applications using CMOS and beyond CMOS technologies”	2019	Completed
7	Mrs. Walunj Rupali Ashok	E&TC	Dr. G.K. Kharate	Design of Robust Clocking Circuit for Moderate Speed VLSI Chip Applications	2019	Completed
8	Mrs. Bhabad Sanjivani S.	E&TC	Dr. G.K. Kharate	“Speech Recognition and Rectification for articulatory handicapped people”	2020	Completed
9	Ms. Geetanjali Sable	Computer	Dr. V.H. Patil	An Algorithm for amendment in human action with anthropometric invariance	2017	Completed
10	Ms. Swati K. Bhavsar	Computer	Dr. V.H. Patil	Development of Novel Algorithms for Analysis and Visualization of Large Graph	2018	Completed
11	Ms. Vaishali Tidke	Computer	Dr. S. S. Sane	A Novel Algorithm for multi label Classification	2021	Completed
12	Mr. Bhushan Chaudhari	Computer	Dr. R.S. Prasad	Development of an Evolving Intrusion Detection Algorithm for Mobile Ad- hoc Network based on Particle Swarm Optimization	2019	Completed
13	Mr. Mubin Tamboli	Computer	Dr. R.S. Prasad	Development of Robust Authorship Attribution with Optimum Feature Selection	2020	Completed
14	Mr. Purkar Santosh	E&TC	Dr. R.S. Deshpande	Enhancing Energy Efficiency of Heterogeneous Wireless Sensor Network By Clustering Multilevel Level Nodes	2015	Pursuing
15	Mr Mahesh S.	E&TC	Dr. G. K. Kharate	“Human Attention Model using Brain Computer		Pursuing

	Khadtare.			Interface”.		
16	Mr. Shahzad Mobuin Ahmed	E&TC	Dr. A.K. Kureshi	“Design and Performance Analysis of Hybrid CMOS-Memristor based Arithmetic Circuits”	2015	Pursuing
17	Mr. Rajole Bhausahab Namdeo	E&TC	Dr. V.J.Gond	“Design of novel algorithm for diagnosis of Thyroid disorders based on Machine Learning and Artificial Neural Network”	2015	Pursuing
18	Mr. Pawar Balasaheb Jaggnath	E&TC	Dr. V.J.Gond	Development of Novel Control Approach for Harmonic mitigation and power factor correction of modular multilevel converter in photovoltaic application	2015	Pursuing
19	Mr M.P.Joshi	E&TC	Dr. V.J.Gond	Design of Microstrip patch antenna for vehicular and various wireless services	2016	Pursuing
20	Mr. Rehpade Rajesh Balkrishna	E&TC	Dr. . G.K. Kharate	Design of High-Speed Printed Circuit Boards to Ensure Signal Integrity and Power Integrity.	2015	Pursuing
21	Mr. Ahire Dnyaneshwar Bajirao	E&TC	Dr. V.J.Gond	Design of optimized Wireless power transfer system for biomedical implant	2016	Pursuing
22	Mrs. Deore Sheetal Vasant	E&TC	Dr. G.K. Kharate	Emotion recognition from voice and unvoice sound signal using Fourier parameter and silence	2016	Pursuing
23	Mr. Shaikh Shakil Abdul Rajjak	E&TC	Dr. A.K. Kureshi	An Efficient Object Detection and Tracking for Moderate Frame Rate Full High Definition Video	2019	Pursuing
24	Parag J. Mondhe	E&TC	Dr. M. P. Satone	Title not Finalized	2020	Pursuing
25	Vadak Purnima M.	E&TC	Dr. P. D. Bhambare	Title not Finalized	2020	Pursuing

26	Tejasvini S.Deshmukh	E&TC	Dr.M.D.Kokate	Title not Finalized	2020	Pursuing
27	Vinayak P.Nikhade	E&TC	Dr.M.D.Kokate	Title not Finalized	2020	Pursuing
28	Mr. Niranjan L. Bhale	Computer	Dr. V.H. Patil	Development of Discourse Integrated Language Translation Algorithms for Translating English Sentences to Marathi Sentences in Horticulture Domain	2015	Pursuing
29	Mr. Ranjeet Gavande	Computer	Dr. V.H. Patil	Data Mining and Machine Learning based Prediction System for Gestational Diabetes Mellitus	2016	Pursuing
30	Ms. Namrate G. Kharate	Computer	Dr. V.H. Patil	Translation of Simple Marathi sentences to English using Rule-based Machine Translation Approach	2016	Pursuing
31	Ms. Poonam Dholi	Computer	Dr. V.H. Patil	Designing an Algorithm for Analysis of Genomic Data for Cancer Prognosis and Prediction	2020	Pursuing
32	Ms. Pradnya Bormane	Computer	Dr. V.H. Patil	Indian Sign Language Recognition and Interpretation of Video	--	Pursuing
33	Ms. Pranali L. Kakad	Computer	Dr. G. K. Kharate	Design and Development of Dental Diagnosis System and Recommendation of 3D Tooth Model using CBCT Images	2020	Pursuing
34	Ms. Shweta K. Pawar	Computer	Dr. G. K. Kharate	Design and Development of Real Time System for Plant Disease Identification and Timeline Prediction using Data Augmentation	2020	Pursuing
35	Ms. Alpana A Borse	Computer	Dr. G. K. Kharate	Fake News Classification using Machine Learning	2021	Pursuing

36	Ms. Pranjali Jadhav	Computer	Dr. V.H. Patil	Recommendation System for Health Monitoring	2021	Pursuing
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**Faculty Training programmes for professional development /administrative training programs organized organized by the institution**

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
27 July 2021 - 28 July 2021	Two days workshop on "NAAC"	Two days workshop on "NAAC"	77
04 Oct. 2020	Post covid-Managing stress and imbibeing positive attitude	Post covid-Managing stress and imbibeing positive attitude	12
19 Aug.19 to 20 Aug.2019	Emerging Trends in Geotechnical Engineering	NA	15
6 June2020 - 7 June2020	Two days workshop on "LATEX"	NA	96
03 Oct. 2020	Motivational talk	Motivational talk	9
30 Nov. 2020 To 05 Dec.2020	NBA Process implementation	NBA Process implementation	36
05 Sept.2019	Faculty orientation Program	NA	53
Friday, April 24, 2020	NACC Accreditation framework and overview	NA	14
16 Sept. 2019	Legal and Technical Issues in Contractual matters	NA	14
01 Dec. 2019	Patents and IPR	NA	9
02-May-20	3D Printing Workshop	NA	23
02-May-19	ISHARAE Workshop on on Air Conditioning	NA	14
05-Sep-18	Skill enhncement of the faculty member	NA	48
15-Sep-18	Role of Electronics in Automobile Sector	NA	14
02-Oct-18	Research paper writing skills	NA	7
02-Sep-18	Workshop on Refrigeration by ISHRAE	NA	15
12.02.2018 to 16.02-2018	Recent Trends In Civil Engineeering	NA	20
22-Jul-17	IPR & STARTUPS	NA	6

15 Feb 2018 To 15 Feb 2018.	Workshop on Information and Cyber Security By Mr. Atul Kahate	Workshop on Information and Cyber Security By Mr. Atul Kahate	13
22 July 2017 To 22 July 2017	Workshop on IPR & Startups	NA	40
07 Sept.2017	Faculty orientation Program	NA	47
15 Sept.2017	Active and Passive Harmonic Filter	NA	15
23 Sept. 2016 to 26 Sept. 2016	Entrepreneurship Awareness Camp	NA	35
05-Sep-16	Expert Talk on role of Teachers in building the nation	NA	49
14-Sep-16	Life Skill Management	Life Skill Management	37
11-Dec-16	Stress management	Stress management	6
21-Jun-16	Workshop on "Psychological issues"	Workshop on "Psychological issues"	57

### B. Research Projects:-

Sr. No.	Name of Faculty	Research Project Title	Funding Bodies	Amount Sanction
1.	Prof. G.K.Kharate	"Image Compression"	BCUD, Savitribai Phule University of Pune, Pune	3,00 Lack
2.	Prof. D.D. Dighe	Quality improvement of compressed image using super resolution	BCUD, Savitribai Phule University of Pune, Pune	1,50,000/-
3.	Prof. D.D. Ahire	ARM Based JPEG Encoder	BCUD, Savitribai Phule University of Pune, Pune	1,40,000/-
4.	Monali Borade	Prepared statements based SQL injection prevention	BCUD, Savitribai Phule University of Pune, Pune	1,30,000/-
5.	Alpana A. Borase	Selection of feature region set for digital image optimization algorithm	BCUD, Savitribai Phule University of Pune, Pune	1,50,000/-
6.	Pooman R. Dholi	Typing pattern recognition using key stroke dynamioes	BCUD, Savitribai Phule University of Pune, Pune	1,50,000/-
7.	Nilesh C. Ghuge	A study pf performance evaluation of different vegetable oils as cutting	BCUD, Savitribai Phule University of Pune, Pune	1,80,000/-



		fluid using MQL in terms of Cutting force, temperature, tools wear and surface finish in turning		
8.	Dr. S.D. Pable	Design and Chip Fabrication of Adaptive Voltage Control Oscillator for VLSI Circuits	BCUD, Savitribai Phule University of Pune, Pune	2,00000/-
9.	Dr. V.H.Patil	Use of Wireless Sensor Network and GPRS module for Automated Irrigation System	BCUD, Savitribai Phule University of Pune, Pune	1,70,000/-
10	Mrs. Bhavasar S.K	Marathi handwritten Character recognition System using neural networks	BCUD, Savitribai Phule University of Pune, Pune	75,000/-

### C. Research Equipment Received by Various Funding Bodies:

Sr No	Department	Description of Equipment	reference	Purchase/Receiving Year	Funding Agency Name	Deadstock Details	Cost
1		Analog development board (Op-amp) ( 2 No.)		Receiving 2009-2010	Yashswi Electronics	Sr No:-130 Page No:-034	10,000/- approx
2	E & TC	CY8CKIT-030A-U (10 Nos)	Bill No:-1958498651	Receiving 2013-2014	Cypress Semiconductor	Sr.No-115 Page No:-031	37,110/-
3		CY8CKIT-042A-U (5 Nos)	Bill No:-1958498651	Receiving 2013-2014	Cypress Semiconductor	Sr.No-115 Page No:-031	6,815/-
4		ARM-7 LPC2148 Development Board	Bill No:-14-15/12 OSD/BCUD/360/92 dt 27/11/2013	Purchasing 2014-2015	BCUD, savitribai Phule pune university, pune	Sr.No:-118 Page No:-032 MCERC/E&TC/CONMP-II/16/05	4,838/-

5	ARM-9 S3C2440 Samsung micontroller	Bill No:- 14-15/12 OSD/BCU D/360/92 dt 27/11/2013	Purchasi ng 2014- 2015	BCUD, savitribai Phule pune university, pune	Sr.No:-119 Page No:-032 MCERC/E&T C/COMP- II/16/04/02	13,800/-
6	Ovi 9650 Camera	Bill No:- 14-15/12 OSD/BCU D/360/92 dt 27/11/2013	Purchasi ng 2014- 2015	BCUD, savitribai Phule pune university, pune	Sr.No:-120 Page No:-032 MCERC/E&T C/COMP- II/16/04/03	1,294/-
	Analog System Lab kit ASLK PRO ( 6 Nos)	DC No:- 1059	Receivin g 2014- 2015	Ed Gate ( Texas Instruments)	Sr No:-131 Page No:- 034	60000/- approx
	Lathe tool Dynamomete r	Ref no. OSD/BCU D/230/89 dated 14/05/201 2	2012-2013	BCUD, savitribai Phule pune university, pune pune	MCOERC/MEC H/RL/01	22,275
7					TOTAL	1,33,857/-

**\*Patents obtained and filed (process and product)**

**Patent Details (Last five years)**

Sr N o	Name	Year	Patent Title	Application Number	Status Filed/Publis hed/Grante d.	Date of Filing/ Publication /Grant.
1	Mr D. D. Ahire	2020 - 2021	Comb Shaped Antenna With SRR for ISM,WLAN and WiFi Application.	202041034103	Filed	08-08-2020
2	Dr. G. K. Khatate	2020 - 2021	A System And Method For Enabling Gesture Based Communication For Differently Abled Individuals	202021025627	Published (In Examination )	17-07-2020
3	Dr. Varsha Patil	2019 - 2020	IoT Based Pest Detection System Inside Fruits and Vegetables	201921005563	Published	13-02-2019

4	Dr. Varsha Patil	2018 - 2019	IoT Based System For Computing Human Density For Critical Situation Recognition And Precaution For Avoiding Accidents	201721046250	Published	05/01/2018
5	Dr. Swati Bhavsra	2018 -19	IoT Based System For Computing Human Density For Critical Situation Recognition And Precaution For Avoiding Accidents	201721046250	Published	05/01/2018
6	Dr. Varsha Patil	2017 -18	System And Method For Motion Analysis And Feedback For Amendment Of Human Action	201621029482	Published	22/09/17
7	Dr. G. K. Khatate	2017 - 2018	Ultra Wide Band Microstrip Patch Antenna for Biomedical Application.	201721038401	Filed	30-10-2017
8	Mr. D. D. Ahire	2017 - 2018	Ultra Wide Band Microstrip Patch Antenna for Biomedical Application.	201721038401	Filed	30-10-2017
9	Mr. D. D. Dighe	2017 - 2018	Low Cost Weather Monitoring Station using RASPBERRY PI	201721031155 A	Filed	02-09-2017
10	Mr. J. J. Chopade	2016 - 2017	Hearing aid for hearing impaired with minimum latency for better perception of the speech signal	201621008170	Filed	17-03-2017

### Industry Interaction (interaction with industry and other organizations)

Sr. No	Name of the Industry/organization	Contribution
1	Sai Biz Solutions Pvt. Ltd Res. Office: B-16, Sai Ram Apt. Mhada Colony , Nr. Estern Express Highway, Mulund (E),Mumbai-400081.	Helps in getting Copyright, Writing patents.
2	BSNL Nashik	Training for undergraduate students
3	The Motwane Manufacturing Company Pvt Ltd.	Training and sponsoring the project
4.	Ascension innovation Pvt. Ltd	Training and sponsoring the project

5.	Yashaswi Electronics	Helping in development of Embedded system
6.	SONIC Infotech	Helping in development of Embedded system
7.	IBM	Rational Rose, Functional Testing
8	Lucideus Solutions Pvt Ltd	Hack-X-Ploit
9	Nashik Springs Pvt.Ltd. Ambad , Nashik.	Training and sponsoring the project for UG and PG students
10	Fortuna Engineering Pvt.Ltd , Ambad ,Nashik.	Training and sponsoring the project for UG and PG students
11	Prathamesh Engineering, Ambad, Nashik.	Training and sponsoring the project for UG and PG students
12	Chetan Industries Ambad, Nashik.	Training and sponsoring the project for UG and PG students

Details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

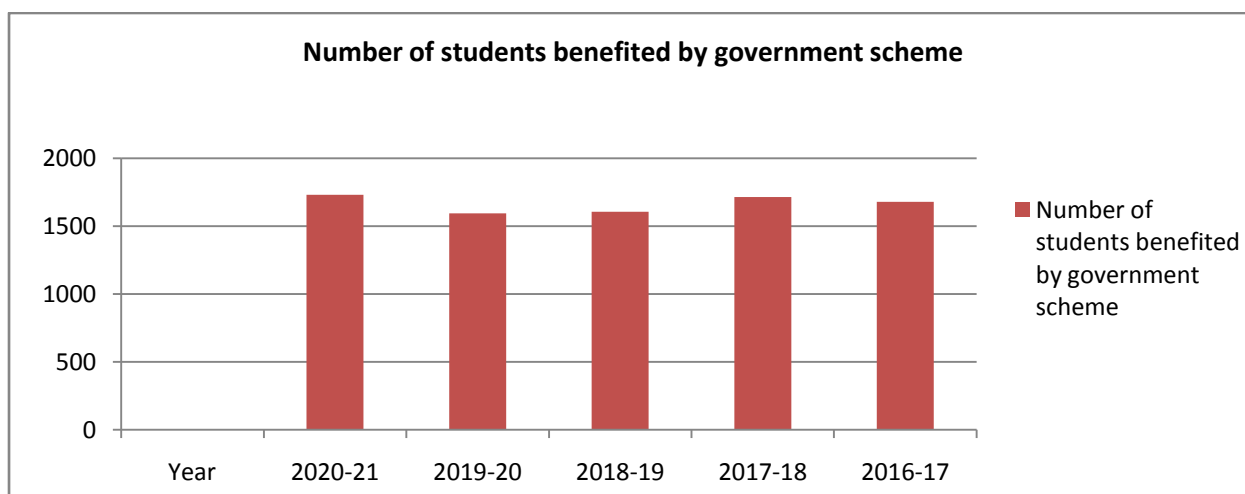
Name of the Student	Achievements
Namita Sanap	Participated at University Level in Football for
Ahire Nita Chavan Shital Chetna Gangurde	1st Winner in Paper Presentation At PICTE Pune
Wadhavne Sagar	1.Participated in circuit debugging and qualified II round in MET ,Nashik 2.Paper presentation at MET 3.Participated in AMBIT PROTOCOL at K. K. WAGH COLLEGE 4.Participated in DEXTER'S LAB at KK Wagh college ,Nashik 5. Participated in PAPERNOVA at SVIT COE, Chincholi
Harshal Shirude	1.Paper presentation at MET 2. Participated in DEXTER'S LAB at K. K. WAGH COLLEGE. 2.Participated in Ambit Protocol at KKWEER, Nashik
Ruksar Sayyed	1.Participated in see ship brain at KKW (national level) 2.participated in return C challenge (national level) 3.Participated in ckt debugging in MET 4. Participated in PPT at KKWEER, Nashik 5. Participated in DEXTER's LAB at KKWEER, Nashik

Santosh Waje	1.Attended robotics workshop by omni mentors academy 2. Qualified II round in ckt debugging.
Priyadarshni Patil	1.Participated in ckt debugging in MET
Neha Mehta	1.Participated in group discussion 2. Participated in 'IT QUIZ' 3.participated in 'CIRCUIT TRAP, at BKCMET COE, Nashik in the event STUDENT CONVENTION-12 3.participated in the C-war in NDMVP's COE, Nashik
Shivani Singh	1.Participated in BAIN BUSTER in MET college 2.participated in PPT
Kulkarni Shubhankar	1.Participated in 'C-WAR 2011'in NDMVP college
Revati Rathi	1.Participated in 'C-WAR 2011'in NDMVP college 2.Participated in 'CIRCUIT TRAP' 3. Participated in 'IT QUIZ' in MET college.
Sachin Meshram	1. Participated in brain buster. 2.Participated in A-TEAM 3.Secured 2 <sup>nd</sup> position in ROBO RACE at ECLAT INVASION-12 4.Participated in ROBO RIDERS in event MECHEAVEN 5.secured 3 <sup>rd</sup> position in ROBO WAR in event 'EQUINOX-2K12'(all organized by K K Wagh college ) 5.Participated in GNOSIS in event MECHEAVEN 6.3 <sup>rd</sup> prize in ROBO-WAR held at KKWEER, Nashik 7. participated in A-TEAM 8. Participated in BRAIN BUSTER at KKWEER, Nashik 9.2 <sup>nd</sup> prize in ROBO-RACE held at KKWEER, Nashik 10. Participated in ROBO-RIDERS at KKWEER, Nashik 11. Participated in GNOSIS at KKWEER, Nashik
Santosh Gorpade	1.Participated in DEXTER'S LAB at KKWEER, Nashik 2.Participated in Ambit Protocol at KKWEER, Nashik
Omkar Shukla	1.Participated in DEXTER'S LAB at KKWEER, Nashik
Jitendra Patil	1.Participated in DEXTER'S LAB at KKWEER, Nashik
Rajashri Shelar	1.Participated in ENCEPHALON at KKWEER, Nashik 2. Participated in CIRCUIT DEBUGGING at BKCMET COE, Nashik 3.Participated in BRAIN BUSTER at KKWEER, Nashik
Ram Bhadke	1.Participated in volley ball at COE ,PUNE in event Zest'12
Snehal Vighne	1.Participated in ENCEPHALON at KKWEER, Nashik 2.Participated in BRAIN BUSTER at KKWEER, Nashik 3.Participated in ENCEPHALON at KKWEER, Nashik
Chetali Kandekar	1.Participated in CIRCUIT DEBUGGING at BKCMET COE, Nashik 2. Participated in DEXTER's LAB at KKWEER, Nashik
Pratima Thakur	1.Participated in BRAIN BUSTER at KKWEER, Nashik 2. Participated in DEXTER's LAB at KKWEER, Nashik 3. Participated in Encephelon at KKWEER, Nashik

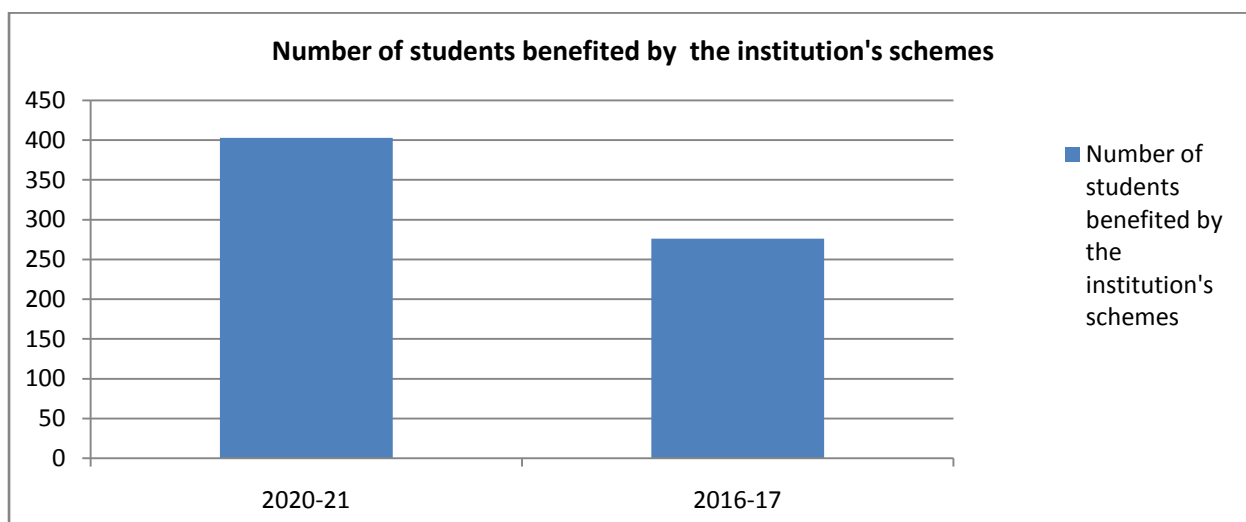
Suvarna Nagare	1.Participated in PPT at KKWEER, Nashik 2.Participated in BRAIN BUSTER at KKWEER, Nashik
Jui Kate	1.Participated in BRAIN BUSTER at KKWEER, Nashik 2. .Participated in SOMA'S CUBE at KKWEER, Nashik 3. Participated in DEXTER'S LAB at KKWEER, Nashik 4. Participated in CIRCUIT DEBUGGING at BKCMET COE, Nashik
Priyadarshini Patil	1.Participated in ENCEPHALON at KKWEER, Nashik
Shubhasini sugumaran	1.Participated in ENCEPHALON at KKWEER, Nashik
Chaudhari chetan	1. Participated in Soma's cube at KKWEER, Nashik
Mrinmayee Suryawanshi	1. Participated in DEXTER's LAB at KKWEER, Nashik
Subeesh Balakrishnan	1. Participated in Encephelon at KKWEER, Nashik
Neetu Sharma	1.Participated in Brain-Buster at KKWEER, Nashik 2. Participated in ENCEPHALON at KKWEER, Nashik 3. Participated in DEXTER's LAB at KKWEER, Nashik
Wagh Vikrant	1.Participated in AMBIT PROTOCOL at K K WAGH COLLEGE 2.Participated in DEXTER's LAB at KKWEER, Nashik
Vishwakarma Priyam Rakhi Bias	3 <sup>rd</sup> prize in paper presentation at SRESCOE, Kopargaon
Sachin Meshram	Secured 2 <sup>nd</sup> position in ROBO RACE 3 <sup>rd</sup> prize in ROBO-WAR held at KKWEER, Nashik 2 <sup>nd</sup> prize in ROBO-RACE held at KKWEER, Nashik
Ahire Nita Chavan Shital Chetna Gangurde	1st Winner in Paper Presentation At PICTE Pune
.Dignesh kumar Bhavsar Mrinmayee Suryawanshi Revati Rathi Santosh Waje Shubhankar kulkarni	Undergone industrial traning for duration from 6/12/2011 to 25/12/2011.(Hind Rectifiers Pvt. Ltd, Satpur, Nashik)
Vishwakarma Priyam Rakhi Bias	3 <sup>rd</sup> prize in paper presentation at SRESCOE, Kopargaon
Swanand Gajendragadkar	First Prize (Blind Coding Competition), K. K. Wagh Management and MCA in Feb 2014.
Swanand Gajendragadkar	First Prize Code Tantra 'C' Programming, K. K. Wagh Management and MCA in Feb 2014.
Prashant Pawar	First Prize, Network Security Workshop @ MCERC, Nashik
Sumit Deshpande	First Prize C-tetris, Vishweshwarayya Institute of Technology, Nashik
Mr. Ashish Nimbalte	Swimming, at University of pune
Mr. Ashish Nimbalte	Swimming, at university of Pune
Jobanputra Akash	1 <sup>st</sup> prize in Cognizia-15 national event
Singh Shubham	2 <sup>nd</sup> prize in Cognizia-15 national event
Sonali Borade	Participation in Itiazza-13 at KKWIEER, Nashik
Sonali Borade	Participation in Cognizia-13 at SVIT, Nashik
Mahesh Gunjal	Participation in Itiazza-13 at KKWIEER, Nashik

Saurabh Khairnar	Participation in MVP_KSHITIJ-13 at KABGTCE, Nashik
Gauri Sonawane	Participation in Questotronics at ACOE, Sangamner
Walekar Ankita	Participation in National level technical and general awareness at SVIT, Nashik
Chandwadkar Pooja Dilip	Participation in Kho-Kho event ZEST-12 at COE, Pune
Sonali Borade	1 <sup>st</sup> prize in project competition at PESCOE, Aurangabad
Neha Shete	1 <sup>st</sup> prize in project competition at PESCOE, Aurangabad
Anaya Rautal	Level 1 award in music theory by Trinity College of London
Ibrahim Bootwala	Participation in METEORITE-12 at MET, Nashik
Tejashree Gosawi	Participation in Ethical hacking workshop at Techfest, IIT Bombay
Tejashree Gosawi	Participation in student convention at MET, Nashik
Chandwadkar Pooja	Participation in Equinox-11 at KKWIEER, Nashik
Shreekant Wabale	Participation in C-War-11 at KABGTCE, Nashik
Hitesh Kumawat	Participation in Cynosure-11 at ICOER, wagholi, Pune
Neha Shete	Participation in state level technical event at SVIT, Nashik
Monika Pardeshi	1 <sup>st</sup> prize in Street play at MET, Nashik

### students benefited by scholarships and freeships



## Students benefited by scholarships and freeships provided by the institution



## Summary of Capacity building and skills enhancement initiatives taken by the institution

Sr. No.	Year	Total capacity building and skills enhancement initiatives	Type of Event	Total number of events	Total number Students Participated
1	2020-21	40	Soft skills	7	804
			Language and communication skills	13	976
			Life skills	1	40
			ICT/computing skills	19	1016
2	2019-20	44	Soft skills	12	1084
			Language and communication skills	15	1104
			Life skills	1	134
			ICT/computing skills	16	767
3	2018-19	36	Soft skills	9	790
			Language and communication skills	17	878
			Life skills	1	150
			ICT/computing skills	9	714
4	2017-	20	Soft skills	4	291

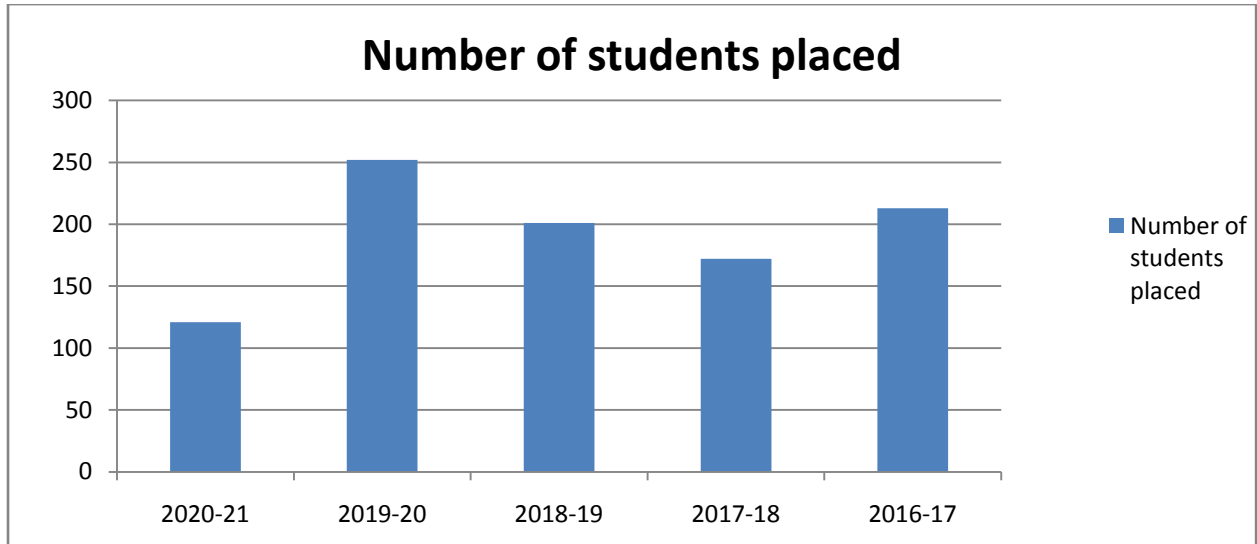


	<b>18</b>		<b>Language and communication skills</b>	<b>5</b>	<b>306</b>
			<b>Life skills</b>	<b>2</b>	<b>299</b>
			<b>ICT/computing skills</b>	<b>9</b>	<b>589</b>
<b>5</b>	<b>2016-17</b>	<b>35</b>	<b>Soft skills</b>	<b>12</b>	<b>906</b>
			<b>Language and communication skills</b>	<b>8</b>	<b>605</b>
			<b>Life skills</b>	<b>4</b>	<b>571</b>
			<b>ICT/computing skills</b>	<b>11</b>	<b>788</b>

<b>Capacity building and skills enhancement initiatives</b>		
<b>Year</b>	<b>Total capacity building and skills enhancement initiatives</b>	<b>Total number Students Participated</b>
<b>2020-21</b>	<b>40</b>	<b>2836</b>
<b>2019-20</b>	<b>44</b>	<b>3089</b>
<b>2018-19</b>	<b>36</b>	<b>2532</b>
<b>2017-18</b>	<b>20</b>	<b>1485</b>
<b>2016-17</b>	<b>35</b>	<b>2870</b>

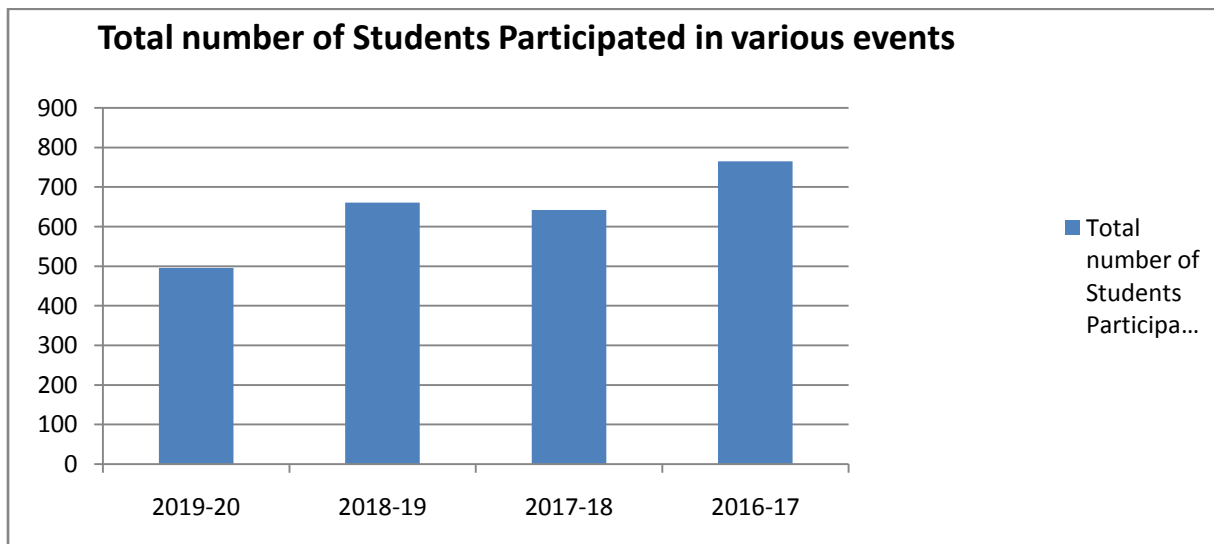
**Students benefitted by guidance for competitive examinations and career counselling offered by the institution**

<b>Year</b>	<b>Number of Activities conducted for competitive examinations/ career counseling</b>	<b>Number of students attended Activities conducted to offer guidance for competitive examinations/ career counseling</b>
2020-21	4	448
2019-20	9	704
2018-19	8	659
2017-18	6	397
2016-17	12	1224



### Summary of Events (Sports and Cultural Events)

Sr. No .	Year	Number of Sports Events	Number of Cultural Events	Total Events	Total Students Participated
1	2019-20	8	5	13	496
2	2018-19	7	5	12	661
3	2017-18	9	4	13	642
4	2016-17	6	6	12	765
		30	20	50	2564



## 10.14 For last three years

### Admission Quota: State Government

	2019-20	2018-19	2015-16	2014-15	2013-14	2012-13
<b>Entrance Test / Admission Criteria</b>	JEE/MHC ET	JEE/MHC ET	JEE	MHCET/AIEEE		
<b>Cut Off / Last Candidate Admitted</b>	69	48		43	58	51
<b>Fees in Rupees</b>	80.000	80.000	76219	72590	68900	64270
<b>Number of Fee Waiver Offered</b>	9	11	13	16	NA	NA
<b>Admission Calendar</b>	12/7/2019 TO 27/8/2019	4/7/2018 TO 30/8/2018		23/6/14to 14/8/14	7/6/13 to 12/8/13	20/6/12 to 31/8/12
<b>POI Quota</b>	NA	NA	NA	NA		

### Admission Quota: Government of India (GOI)

	2019-20	2018-19	2015-16	2014-15	2013-14	2012-13
<b>Entrance Test / Admission Criteria</b>	MHCET JEE	JEE MHCET	JEE	MHCET/AIEEE		
<b>Cut Off / Last Candidate Admitted</b>	28	15		11	20	39
<b>Fees in Rupees</b>	80.000	80.000	76219	72590	68900	64270
<b>Number of Fee Waiver Offered</b>	NA	NA	NA	NA		
<b>Admission Calendar</b>	12/7/2019 TO 27/8/2019	4/7/2018 TO 30/8/2018		23/6/14 to 14/8/14	7/6/13 to 12/8/13	20/6/12 to 31/8/12
<b>POI Quota</b>	NA	NA	NA	NA		

# Vision

"To Establish Omnipotent Learning Center Meeting the Standards to Evolve as a Lighthouse for the Society"

# Mission

- ◆ Setting up state-of-the-art infrastructure
- ◆ Instilling strong ethical practices and values
- ◆ Empowering through quality technical education
- ◆ Tuning the faculty to modern technology and
- ◆ Establishing strong liaison with industry
- ◆ Developing the institute as prominent center
- ◆ for Research and Development
- ◆ Establishing the institute to serve as a
- ◆ Lighthouse for the Society.

## Quality Statement

"We, Matoshri College of Engineering & Research Center are committed to practice a system of Quality Assurance that inculcates quality culture, aiming at quality initiation, sustenance and enhancement of quality comprehensively ultimately leading the institute as Center of Excellence."

## Infrastructural information

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PROPOSED MATOSHREE COLLEGE OF ENGINEERING AT EKLAHARE, NASHIK

ARC.  
B.R.CHAKOR

## Building views

## Classroom / Tutorial Room facilities



## Laboratory details:











**Indoor Sports facilities**



**Outdoor Sports facilities**

**Outdoor Games:-**

**Volleyball**

- 1) Volleyball Courts are available in the campus (9 ft by 18 ft)

**Cricket**

- 1) We are having our own cricket ground in the campus with all the facilities

**Indoor Games:-**

We are having following indoor game facility in the campus

- 1)Table Tennis 2) Chess 3) Carrom

**Green Gym Facility Available**

**Achievements:**

- 1) Our one college player has represented Pune university in swimming for 2011-12
- 2) Our college boys & girls volleyball team have taken participation in inter collegiate events for two consecutive year(10-11 & 11-12)
- 3) Our college boys volleyball team have taken participation I n national level sports meet (ZEST 2012) which was held at COEP Pune

10.16	Boys Hostel	Available
	Girls Hostel	Not Available
	Medical & other Facilities	Yes



### **BUS Facility for Staff and Student**

**10.17 Academic Sessions**

Examination system, Year / Sem

Semester wise

Period of declaration of Results

Sem 1<sup>st</sup> 15 Jan to 15 Feb.  
Sem 2<sup>st</sup> 15 Jan to 15 Aug

**10.18**

Counseling / Mentoring

Yes

Career Counseling

Yes

Medical facilities

Yes

Student Insurance

Yes

**Earn & Learn Scheme :** It is scheme run by Pune University name as Karma veer Bhaurao Patil Earn & Learn Scheme students worked under the scheme outfield and infield and get's benefit of rupees twenty per hours .

Activity

- **Library book processing**
- **Plantation**
- **Data of office work**



**NSS activities: TREE PLANTATION IN COLLEGE CAMPUS**



**TREE PLANTATION AT NEAREST VILLAGE**



**INDEPENDENCE DAY**



## BLOOD DONATION CAMP IN COLLEGE



### Technical Events For Development

1. **Workshop on Raspberry PI Technology** for T.E. and BE E&TC on 18-12-2019.
2. **Teachers day celebration** on 5<sup>th</sup> Sept 2019 .
3. **Engineers day celebration** on 15<sup>th</sup> sept 2019.
4. **“Tech-Feast 2020 “an project Competition on 12<sup>th</sup> Feb 2020 .**

**Cultural activities:** Annual Social Gathering: Institute is very keen in developing the personality of the students, for that through extra curricular and co curricular activities are organized in the premises many students show their enthusiasms by participating in various activities events like

- Annual Social gathering
- Students club of each department
- Celebration of Various events such as Holi, Dahihandi, Teacher’s Day, Engineer’s Day, Ganpati Festival, Guru Pournima,

**Sports activities:-** Different types of sports activities are organized in the campus. Students show their talent in the various sports events that is helpful for the for mental and physical development events such as **Indoor: Chess** , Carom , Table Tennis **Outdoor :** Cricket, Volleyball

Literary activities	Yes
Magazine / Newsletter	Yes
Technical activities / Tech-Fest	Yes