



‘येथे बहुतांचे हित ।’

Marathwada Mitramandal's  
**COLLEGE OF ENGINEERING**

S.No.18, Plot No.5/3, Karvenagar, Pune-411 052

**Accredited with 'A' Grade by NAAC**

**Accredited by NBA (Electrical and Mechanical Engg. Department)**

**Recipient of 'Best College Award 2019' of SPPU**

**Recognized under section 2(f) and 12B of UGC Act 1956**

## Criterion 2

### 2.3. Teaching- Learning Process

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools.**

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**Marathwada Mitra Mandal's**  
**COLLEGE OF ENGINEERING**  
**Karvenagar, Pune**  
**Department of Computer Engineering**  
**A. Y. 2018-19 SEM1 and SEM2**  
**Industry Internship Record**

Sr. No.	Name of the Student	Class	Company Name	Date	Duration
1	Samrudhi Kalekar	BE 1	Schumberger ,Pune	4/06/2018 To 04/08/2018	2 Months
2	Utkarsh Sane	BE2	Schumberger ,Pune	4/06/2018 To 04/08/2018	2 Months
3	Sanjana Jangure	BE2	Schumberger ,Pune	4/06/2018 To 04/08/2018	2 Months
4	Avanti Pandit	BE2	SOFT-AID	10/06/2018 To 10/07/2018	1 Month
5	Ashwini Pawar	BE2	SOFT-AID	10/06/2018 To 10/07/2018	1 Month
6	Rutuja Kurhade	BE2	Kirloskar Brothers Limited	21/06/2018 to 30/06/2018	1 Month
7	Sakshi Borse	BE2	Tata Motors	18/09/2018 to 18/01/2019	4 Months
8	Sanika Bhide	BE2	Tata Motors	18/09/2018 to 18/01/2019	4 Months
9	Parimal Ghodke	BE2	Tata Motors	18/09/2018 to 18/01/2019	4 Months
10	Utkarsha Sane	BE2	Tata Motors	18/09/2018 to 18/01/2019	4 Months
11	Aditya More	TE2	Inceptive Technologies	28/05/2018 to 28/08/2018	3 Months
12	Vaibhav Kshirsagar	TE2	Extremity India Technologies	20/09/2018 to 20/12/2018	3 Months
13	Jayesh Gore	BE1	Animationwala.com	04/06/2018 to 04/08/2018	3 Months
14	Gaurav Kulkarni	TE1	Schreiber Dyanamix Dairies Pvt.Ltd.	1/03/2019 to 15/07/2019	3.5 Months
15	Rohan Kalgutkar	TE1	Schreiber Dyanamix Dairies Pvt.Ltd.	1/03/2019 to 15/07/2019	3.5 Months
16	Saloni Patil	BE2	Indicus Softwares	1/10/2018 to 31/05/2019	8 months
17	Sourabh Pawar	BE2	Indicus Softwares	1/10/2018 to 31/05/2019	8 months
18	Nikita Modi	BE2	Indicus Softwares	1/10/2018 to 31/05/2019	8 months
19	Nikhil Thatte	BE2	Indicus Softwares	1/10/2018 to 31/05/2019	8 months
20	Shruti Vaidya	BE1	Saish Technologies Pvt Ltd	15/12/2018 to 30/03/2019	3.5 Months
21	Kaustubh Devkar	BE2	Inteliment	20/08/2018 to 20/02/2019	6 months
22	Saurabh More	BE2	Inteliment	20/08/2018 to 20/02/2019	6 months

23	Hemant Oza	BE2	Inteliment	20/08/2018 to 20/02/2019	6 months
24	Parmeshwar matkar	BE2	Inteliment	20/08/2018 to 20/02/2019	6 months
25	Isha Takawale	TE2	Valency Networks	19/03/2019 to 19/07/2019	4 months



**Mrs. S. D. Sapkal/Mrs. S. P. Mone**  
**Internship Coordinator**



**Dr.S. M. Chaware**  
**HOD**

Schlumberger India Technology Centre Private Limited

Office 301, 3<sup>rd</sup> Floor, Building 8, CommerZone  
Samrat Ashok Path, Off Airport Road  
Yerwada, Pune, 411006, Maharashtra, India  
Phone : +91 20 6741 7900  
www.slb.com

**Schlumberger**

Date: August 3<sup>rd</sup>, 2018

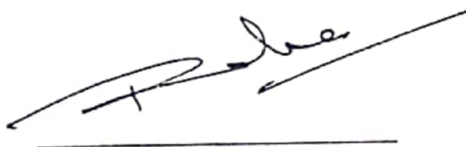
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. Sanjana Basavraj Jangnure (AADHAAR No. 2805 2072 9647) has done her internship in BI Reporter department under the guidance of Mr. Ramanathan Iyer (Power Bi Architect) at **Schlumberger India Technology Center Pvt. Ltd.** from **04-June-2018 to 03-August-2018**

During her internship, she has worked on exploring areas around Power BI, custom visuals & DAX functions, which is validated by providing monthly updates, documentation & features related to it. She is very sincere & dedicated in her work. Her performance was satisfactory and she completed the project with-in given time.

We wish her all the best for her future endeavors.

Sincerely,



**Rajesh Kalra**  
**PITC HR Manager**

**Marathwada Mitra Mandal's  
COLLEGE OF ENGINEERING, PUNE**

*Accredited with 'A' Grade by NAAC, Recipient of " Best College Award 2019" by SPPU*

**Department of Electrical Engineering**

**Internship AY2018-19**

Sr. No	Name of Student	Class	Name of Company	Duration of Internship
1	Aafaq Ahmad Bhat	BE	PDD Shrinagar	03/06/2019 To 27/06/2019
2	Anmulwad Shyam Sambhaji	BE	Sharaddha Electricals, Nanded	01/06/2019 To 30/06/2019
3	Buddawar Vaibhav Narsimlu	BE	Thakur Electrical Contractor	05/06/2019 To 05/07/2019
4	Game Kartik Rajendra	BE	Airport authority Shidi	01/06/2019 To 30/06/2019
5	Gavhane Shubham Kisan	BE	Shree control system, Ranjangaon	05/06/2019 To 27/06/2019
6	Kapadane Aashish Mukundrao	BE	Shivam Industries ,Chinchavad	03/06/2019 To 29/06/2019
7	Kulkarni Mrunal Dattatraya	BE	Shivam Industries ,Chinchavad	03/06/2019 To 29/06/2019
8	Mali Sameeksha Umesh	BE	Kaizen Electronnics, Vadgaon ,pune	03/06/2019 To 22/06/2019
9	Marathe Yash Uday	BE	Radha Entepriees ,Yavatmal	30/05/2019 To 30/06/2019
10	Meshram Rahul Damodhar	BE	Radha Entepriees ,Yavatmal	30/05/2019 To 30/06/2019
11	Naikawadi Nikhil Pradip	BE	Garware Technical Fibres Ltd ,Wai	03/06/2019 To 27/06/2019
12	Nanaware Ashutosh Govind	BE	Shree control system, Ranjangaon	05/06/2019 To 27/06/2019
13	Narwade Manisha Devrao	BE	Thakur Electrical Contractor	05/06/2019 To 05/07/2019
14	Padole Aishwarya Shivanandrao	BE	Meghna Electricals, Aurangabad	10/06/2019 To 30/06/2019
15	Padole Vaishnavi Nilkanth	BE	Meghna Electricals, Aurangabad	10/06/2019 To 30/06/2019
16	Patil Urvesh Subhash	BE	SOYO Systems Jalgaon	03/06/2019 To 27/06/2019
17	Pimparkar Pooja Hemraj	BE	Meghna Electricals, Aurangabad	01/06/2019 To 30/06/2019
18	Pradeep Babu Kute	BE	Commandant 512,Army base Khadki	01/06/2019 To 30/06/2019
19	Priya Sanjay More	BE	Akashwani Kendra, Nanded	06/06/2019 To 05/07/2019
20	Raipatrewar Akanksha Nitinrao	BE	Meghna Electricals, Aurangabad	10/06/2019 To 30/06/2019
21	Ramoshi Jyoti Bhagwat	BE	MAHAVITARAN, Kalyan	01/06/2019 To 25/06/2019
22	Rutvik Chinchmalatpure	BE	Urvi Transformers Pvt. Ltd. Wardha	01/06/2019 To 27/06/2019
23	Sajunkhe Prasad Babasaheb	BE	Techlead Infra Projects.Pvt.Ltd Pune	03/06/2019 To 25/06/2019
24	Sankpal Rohan Uttam	BE	USTKWPL	04/06/2019 To 30/06/2019
25	Shinde Omkar Ashok	BE	Atharva fabrics , Kholhapur	02/06/2019 To 30/06/2019
26	Shirke Ashish Gajanan	BE	Maha Transco Karad Zone	15/06/2019 To 29/06/2019
27	Shivam R. Chaubey	BE	Esteem Electronics Warje,Pune	05/06/2019 To 30/06/2019
28	Thakare Kanchan Ravindra	BE	Varroc Engineering Limited Aurangabad	03/06/2019 To 30/06/2019
29	Waghmare Shakuntala Shivajirao	BE	Kaizen Electronnics, Vadgaon ,pune	03/06/2019 To 22/06/2019
30	<b>Rahul Raina</b>	BE	Tricolite Electrical Industries Limited Sahibabad	23/01/2019 To 29/03/2019
31	Apurva Padmkar Kale	TE	MSEDCL, Yavatmal	01/06/2019 To 30/06/2019
32	Arak Aboli Milind	TE	MSEDCL, Aurangabad	05/06/2019 To 25/06/2019
33	Arun Lokhande	TE	MAHAVITARAN,Nanded	10/06/2019 To 30/06/2019

34	Bagde Nikhil Satish	TE	Vidyut Control & Automation	01/06/2019 To 30/06/2019
35	Biradar Shivani Govind	TE	MSEDCL Latur	03/06/2019 To 29/06/2019
36	Bisale Pratik Pandurang	TE	Treffer Power system solutions pvt. Ltd	01/06/2019 To 30/06/2019
37	Chavan Pratiksha Vijay	TE	STROM ENERGIE	01/06/2019 To 30/06/2019
38	Chimankare Harish Subhash	TE	U-Desire control and Automation pvt ltd	02/05/2019 To 27/05/2019
39	Dcore Nishant Dhairyashil	TE	Raghav Solar Systems	01/06/2019 To 25/06/2019
40	Gandule Rohit Rajaram	TE	U-Desire control and Automation pvt ltd	02/05/2019 To 27/05/2019
41	Gavit Harshada Uttam	TE	Dhawal Enterprises	02/05/2019 To 27/05/2019
42	Gawade Gitesh Nitin	TE	MSEDCL, Pune	03/06/2019 To 29/06/2019
43	Ghodke Sumit Dilip	TE	Magnetic Industries, Aurangabad	01/06/2019 To 26/06/2019
44	Ghodvaidya Atharva Shyam	TE	Instrument Sales corporation, Nagpur	01/06/2019 To 28/06/2019
45	Ghone Pallavi Sambhaji	TE	MSEDCL, Latur	06/06/2019 To 20/06/2019
46	Ghuge Gaurav Milind	TE	TBMESTU, Mumbai	10/06/2019 To 10/07/2019
47	Gujar Omkar Pradip	TE	U-Desire control and Automation pvt ltd	02/05/2019 To 27/05/2019
48	Jadhav Prathamesh Vyankat	TE	STROM ENERGIE	01/06/2019 To 30/06/2019
49	Kachare Amol Laxman	TE	Vidyut Control & Automation	01/06/2019 To 30/06/2019
50	Kadu Utkarsh Prashant	TE	STROM ENERGIE	01/06/2019 To 30/06/2019
51	Kale Nikhil Kisan	TE	BGPPL, Indapur	08/06/2019 To 28/06/2019
52	Kandekar Kranti Ramesh	TE	L & T, Ahmadnagar	04/06/2019 To 04/07/2019
53	Khandekar Priyanka Babasaheb	TE	STROM ENERGIE	01/06/2019 To 30/06/2019
54	Kharate Romit Rajesh	TE	Mahavitaran Yavatmal.	01/06/2019 To 30/06/2019
55	Korade Pooja Sunil	TE	Tata Cummins Pvt. Phaltan	01/06/2019 To 30/06/2019
56	Kshirsagar Pavan Prashant	TE	Godavari Electricals	01/06/2019 To 28/06/2019
57	Kulkarni Rugved Pradeep	TE	SIMENS, Mumbai	05/06/2019 To 03/07/2019
-	Mahure Sumeet Muneshwar	TE	MAHAVITARAN, Pune	03/06/2019 To 29/06/2019
59	Mane Ashwini Pandurang	TE	Rajaram Bapu Patil Sugar Factory, Islampur	01/06/2019 To 25/06/2019
60	Margaje Prathmesh Sanjay	TE	MAHAVITARAN, Pune	03/06/2019 To 29/06/2019
61	Mene Aditya Vitthal	TE	Dhawal Enterprises	02/05/2019 To 27/05/2019
62	Miraje Akshada Pradeep	TE	Power Engineers, Kolhapur	06/06/2019 To 24/06/2019
63	Parge Punam Baliram	TE	Vidyut Control & Automation	01/06/2019 To 30/06/2019
64	Patil Ajinkya Rajendra	TE	MAHA GENCO, Deepnagr	01/06/2019 To 29/06/2019
65	Patil Pranjal Ganesh	TE	MAHAVITARAN, Jalgaon	01/06/2019 To 30/06/2019
66	Patil Vijay Tulshiram	TE	S.G. Engineers, Pune	17/06/2019 To 29/06/2019
67	Payal Hiraman Paygude	TE	Vidyut Control & Automation	01/06/2019 To 30/06/2019
68	Rade Nikita Dilip	TE	Mass Tech Controls pvt. ltd	02/06/2019 To 30/06/2019
69	Raul Akshay Sandeep	TE	Dhawal Enterprises	02/05/2019 To 27/05/2019
70	Shinde Awadhut Sadashiv	TE	Siddarameshwara Agro Industries Nanded	01/06/2019 To 30/06/2019
71	Shinde Ketan Bhimrao	TE	U-Desire control and Automation pvt ltd	02/05/2019 To 27/05/2019
72	Shirsath Bhushan Balasaheb	TE	SAI Enterprises, Ahmednagar	02/06/2019 To 22/06/2019

73	Swami Ashwini Rajkumar	TE	STROM ENERGIE	01/06/2019 To 30/06/2019
74	Tekawade Gautam Subhash	TE	Dhawal Enterprises	02/05/2019 To 27/05/2019
75	Ulagadde Rushikesh Shivdas	TE	Chromaston Solution , Vadgaon BK	02/06/2019 To 30/06/2019
76	Wani Rutika Sanjay	TE	MAHAVITARAN, Jalgaon	01/06/2019 To 30/06/2019
77	Wankhade Vedant Virendrapant	TE	U-Desire control and Automation pvt Ltd	02/05/2019 To 27/05/2019
78	Yadav Satyaprakash Gajendrana	TE	STROM ENERGIE	01/06/2019 To 30/06/2019
79	Gadekar Manthan Sunil	TE	Birajdar Electrical's Latur	01/06/2019 To 30/06/2019
80	Ugale Pragati	TE	Kaizen Electronics, Vadgaon ,pune	03/06/2019 To 22/06/2019

**H.O.D (Electrical)**  
**M. M. College of Engineering**  
**Narvekar, Pune-411002**

This certificate is presented to

Ashish Gajanan Shirke

of


Marathwada Mitra Mandal College of Engg.

In recognition of Participation in Training Programme on

**“Implant Training”**

at 110 kv Ashta EHV S/stn

during 15.06.19 To 29.06.19 (15 Days)

  
Nitin Dake  
Programme Coordinator



# Varroc Engineering Limited

VEL - V

L - 6 / 2, MIDC, Industrial Area  
Waluj, Aurangabad 431136  
Maharashtra, India

Tel +91 240 2554819 / 2551320  
Tel +91 240 6648400  
Fax +91 240 2551586

email: varroc.info@varroc.com  
www.varrocgroup.com  
CIN: L28920MH1988PLC047335




July 03<sup>rd</sup>, 2019

## CERTIFICATE

This is to certify that Miss. Kanchan Ravindra Thakare students of B.E Electrical from Marathwada Mitra Mandal Collage of Engineering, Pune has completed his In-plant Training in our plant. The in-plant training was successfully completed under our Technical Team's guidance and supervision from the 3<sup>rd</sup> June 2019 to 30<sup>th</sup> June 2019 where he studied all the major process of our plant.

I hereby convey my best wishes to him for all future endeavors.

For Varroc Engineering Ltd.(VEL-V)

  
Jayram Gund

Executive - HR

MMCOE / Internship / 2019-2020

Date : 01 / 07 / 2019

To,

The Head of Department

Electrical Engineering Department,

Marathwada Mitra Mandal's College of Engineering,

Pune – 411 052

Subject : Internship Completion Certificate

Dear Sir,

With reference to the above subject, your student Miss. Pratiksha Sarwade studying in BE in academic year 2019 -20 has completed internship with us. Her internship was w.e.f 1<sup>st</sup> June to 30<sup>th</sup> June 2019 with us.

During the Internship, she experienced following training :

Understanding "Art of Reading Electricity Bill"

Study of Electricity Billing Meter

Study of proposed kVAh Billing

Survey, Study, Analysis at site at various consumers

She sincerely completed the internship with us. We wish her a bright future.

FOR **STROM ENERGIE PVT. LTD.**



**TALWARE YOGENDRA**

**DIRECTOR**

**KAIZEN**

# KAIZEN ELECTRONICS

134

**All Types of Transformer Manufacturer**

S. No. 36/1/1, Sinhagad Road, Vadgaon (bk.), Pune - 411041. Tel. No. 020-24391556  
Mob. : 9881004079 / 8087694256 Email : sai.kaizen1@gmail.com

Ref. :

Date :

Date: 25/06/2019

## CERTIFICATE OF EXPERIENCE

This is to certify that Ms. Sameeksha Umesh Mali pursuing her Bachelor of Electrical Engineering from Marathwada Mitra Mandal's College Of Engineering pune, has successfully completed internship at Kaizen Electronics Pvt. Ltd from period of 3<sup>rd</sup> June 2019 to 22<sup>nd</sup> June 2019.

During this period she completed the project on a "Study of Manufacturing process And Testing Of Transformers" in our company. We found her sincere, hardworking and result oriented during the period of her employment with us. She was undoubtedly an asset to our company.

She worked well as part of team. We gave this opportunity to thank her and wish her all the best for her future Career.

Kaizen Electronics

Saiman Doke



MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, KARVENAGAR, PUNE-52

RECORD OF INDUSTRIAL TRAINING (2018-19)

S.No	Name:	Company
1	LANDE AISHWARYA KISHOR	Bharat Forge
2	FUSE SHIWANI MANOHARRAO	Bharat Forge
3	HAVALDAR AKSHAY KRISHNA	Bharat Forge
4	KONDHEKAR PRADNYA DNYANESHWAR	Renu Electronics
5	SATAV KUNAL SATISH	Renu Electronics
6	Nihar R Kelkar	renu Electronics
7	Meghshyam Joshi	Mech ArtistaTechnocrafts
8	Amol Dhotre	Mech ArtistaTechnocrafts
9	Chandrabhushan Bhosale	Mech ArtistaTechnocrafts
10	Shanta Khairate	Mech ArtistaTechnocrafts
11	Vaibhavi Kavthekar	Mech ArtistaTechnocrafts
12	Anish Dhamale	Renu Electronics
13	Shambhavi Mandke	Renu Electronics
14	Shambhavi Mandke	Renu Electronics
15	Shambhavi Mandke	Renu Electronics
16	Shanta Khairate	Mech ArtistaTechnocrafts
17	Shanta Khairate	Mech ArtistaTechnocrafts
18	Soham Bhave	Wifi-Soft
19	Vinayak Badiger	Wifi-Soft
20	Soham Athavale (Group Leader)	SoftHard Automation Pvt.Ltd
21	Dewadatta Avasare (Group Leader)	SoftHard Automation Pvt.Ltd
22	Pooja Bamane	SoftHard Automation Pvt.Ltd
23	Preeti Bhalerao	SoftHard Automation Pvt.Ltd
24	Soham Bhave (Group Leader)	SoftHard Automation Pvt.Ltd
25	Chandrabhushan Bhosale	SoftHard Automation Pvt.Ltd

26	kaustubh biradar (Group Leader)	SoftHard Automation Pvt.Ltd
27	Avinash bobade	SoftHard Automation Pvt.Ltd
28	Monika Bora (Group Leader)	SoftHard Automation Pvt.Ltd
29	BORADE PRADIP DNYANESHWAR	SoftHard Automation Pvt.Ltd
30	Kiran Chabukswar	SoftHard Automation Pvt.Ltd
31	Viraj Charwad	SoftHard Automation Pvt.Ltd
32	Vedant Chaskar (Group Leader)	SoftHard Automation Pvt.Ltd
33	Omkar Chavan	SoftHard Automation Pvt.Ltd
34	Jatin Darvatkar	SoftHard Automation Pvt.Ltd
35	Swaraj Devgaonkar (Group Leader)	SoftHard Automation Pvt.Ltd
36	DHARMADHIKARI AKSHAY VASUDI	SoftHard Automation Pvt.Ltd
37	Amol Dhotre (Group Leader)	SoftHard Automation Pvt.Ltd
38	Rohit disale	SoftHard Automation Pvt.Ltd
39	DURGAM CHANDRASHEKAR	SoftHard Automation Pvt.Ltd
40	GADE SWAPNIL SHRIMANT (Group L	SoftHard Automation Pvt.Ltd
41	Yukta Gandhi	SoftHard Automation Pvt.Ltd
42	Prathamesh ghodke	SoftHard Automation Pvt.Ltd
43	Aishwarya Godse	SoftHard Automation Pvt.Ltd
44	kshiti bapat (Group Leader)	SoftHard Automation Pvt.Ltd
45	Vivek Gondil (Group Leader)	SoftHard Automation Pvt.Ltd
46	Pooja Gore(Group Leader)	SoftHard Automation Pvt.Ltd
47	Pratik Gundapwar	SoftHard Automation Pvt.Ltd
48	Vedanti Gurav (Group Leader)	SoftHard Automation Pvt.Ltd
49	Aishwarya Jadhav	SoftHard Automation Pvt.Ltd
50	Harshwardhan Jadhav (Group Leader)	SoftHard Automation Pvt.Ltd
51	Tanuja Jadhav	SoftHard Automation Pvt.Ltd
52	Sampada Jagdale	SoftHard Automation Pvt.Ltd
53	Snehal Jalkote	SoftHard Automation Pvt.Ltd
54	Devank Joshi	SoftHard Automation Pvt.Ltd

55	Reshma Jethe,	SoftHard Automation Pvt.Ltd
56	Meghasham Ganesh Joshi (Group Leader)	SoftHard Automation Pvt.Ltd
57	Pratiksha Joshi	SoftHard Automation Pvt.Ltd
58	Tanmay Joshi	SoftHard Automation Pvt.Ltd
59	Mayuri Kapte	SoftHard Automation Pvt.Ltd
60	Vaibhavi Kavathekar	SoftHard Automation Pvt.Ltd
61	Rutuja Kench	SoftHard Automation Pvt.Ltd
62	Dipali Khadap	SoftHard Automation Pvt.Ltd
63	Shanta Khairate	SoftHard Automation Pvt.Ltd
64	Jay Khairnar	SoftHard Automation Pvt.Ltd
65	Pravin Khandale	SoftHard Automation Pvt.Ltd
66	Aishwarya Khangaonkar	SoftHard Automation Pvt.Ltd
67	Rajnandini Kharat	SoftHard Automation Pvt.Ltd
68	Rushikesh Kotalwar	SoftHard Automation Pvt.Ltd
69	Rushikesh Kulkarni	SoftHard Automation Pvt.Ltd
70	sanket Kulkarni	SoftHard Automation Pvt.Ltd
71	PANDDKAR PRAJAKTTA DILIP	SoftHard Automation Pvt.Ltd
72	Vaishnavi Pathak	SoftHard Automation Pvt.Ltd
73	Priyanka Shinde	SoftHard Automation Pvt.Ltd
74	Vinita Gunale	SoftHard Automation Pvt.Ltd
75	Abhishek Mankar (Group Leader)	SoftHard Automation Pvt.Ltd
76	Snehal More	SoftHard Automation Pvt.Ltd
77	Pushkaraj Dharmadhikari (Group Leader)	SoftHard Automation Pvt.Ltd
78	Prinal Sakhe	SoftHard Automation Pvt.Ltd
79	Aniket kadam	SoftHard Automation Pvt.Ltd
80	Sagar Bhalerao	SoftHard Automation Pvt.Ltd
81	Amey dunakhe (Group Leader)	SoftHard Automation Pvt.Ltd
82	Ganesh Deshmukh	SoftHard Automation Pvt.Ltd
83	PARIKSHIT KULKARNI	SoftHard Automation Pvt.Ltd

84	OHEKAR MRUNALI DEEPAK	SoftHard Automation Pvt.Ltd
85	KANADE PRATIK GAUTAM	SoftHard Automation Pvt.Ltd
86	Pranay Borkar (Group Leader)	SoftHard Automation Pvt.Ltd
87	Vaibhav Kundle	SoftHard Automation Pvt.Ltd
88	Neha Karne	SoftHard Automation Pvt.Ltd
89	GAIKWAD NILESH SATISHCHANDRA	SoftHard Automation Pvt.Ltd
90	Ritesh Hiwale	SoftHard Automation Pvt.Ltd
91	LASHKARE SHWETA VISHWAS	SoftHard Automation Pvt.Ltd
92	Viraj Jadhav	SoftHard Automation Pvt.Ltd
93	MAHAJAN MRUNMAYEE MANOJ	SoftHard Automation Pvt.Ltd
94	MANDAGE POOJA SUNIL (Group Leader)	SoftHard Automation Pvt.Ltd
95	MANDKE SHAMBHAVEE MAKARAND	SoftHard Automation Pvt.Ltd
96	MANE SAMRUDDHI RAVINDRA	SoftHard Automation Pvt.Ltd
97	NAGARKAR VAIBHAVI PRAMOD	SoftHard Automation Pvt.Ltd
98	NAWALE DIPTI BALASAHEB	SoftHard Automation Pvt.Ltd
99	PATIL ANKITA MADHUKAR	SoftHard Automation Pvt.Ltd
100	PATIL GUNJAN RAJENDRA (Group Leader)	SoftHard Automation Pvt.Ltd
101	PAWAR KASHMIRA ULHAS	SoftHard Automation Pvt.Ltd
102	PAWAR PRATIKSHA SANJAY	SoftHard Automation Pvt.Ltd
103	PAWAR PRIYANKA HANMANT	SoftHard Automation Pvt.Ltd
104	RAUT RASIKA ASHOK (Group Leader)	SoftHard Automation Pvt.Ltd
105	SANGAR MEGHA BAJRANG	SoftHard Automation Pvt.Ltd
106	SAWANT SANJANA SANJAY	SoftHard Automation Pvt.Ltd
107	SHAH SAMATA RAJENDRA (Group Leader)	SoftHard Automation Pvt.Ltd
108	SHEDAGE SANJIVANI SAMBHAJI	SoftHard Automation Pvt.Ltd
109	SINGH AMOLIKA GHANSHYAM	SoftHard Automation Pvt.Ltd
110	SONJI POOJA ULLHAS (Group Leader)	SoftHard Automation Pvt.Ltd
111	THOMBARE PRAGATI MOHAN	SoftHard Automation Pvt.Ltd
112	TOTRE ASHMITA SANTOSH	SoftHard Automation Pvt.Ltd

113	CHAT RUTUJA GUNVANT	SoftHard Automation Pvt.Ltd
114	YEWALE RUTUJA RAJENDRA	SoftHard Automation Pvt.Ltd
115	BAPAT PRANAV MILIND (Group Leader)	SoftHard Automation Pvt.Ltd
116	BATTUL SUMIT PRAMOD	SoftHard Automation Pvt.Ltd
117	BHAVATHANKAR YOGESH BHAGWAT	SoftHard Automation Pvt.Ltd
118	DHAMALE ANISH AMAR	SoftHard Automation Pvt.Ltd
119	JOSHI ADITYA ASHOKRAO	SoftHard Automation Pvt.Ltd
120	JOSHI GUNESH SADASHIV (Group Leader)	SoftHard Automation Pvt.Ltd
121	KHOMANE SOURABH VITTHAL	SoftHard Automation Pvt.Ltd
122	MAHAJAN AKASH GANESH	SoftHard Automation Pvt.Ltd
123	MAHALLE SHIVABA RAJENDRA(PR)	SoftHard Automation Pvt.Ltd
124	MARATHE.VARAD.DEEPAK (Group Leader)	SoftHard Automation Pvt.Ltd
125	MOHD AMAAN ALI	SoftHard Automation Pvt.Ltd
126	MULEY SUYASH SUBODH	SoftHard Automation Pvt.Ltd
127	NAIK MANTHAN MOHAN	SoftHard Automation Pvt.Ltd
128	NAIKER HEMANT RAJU (Group Leader)	SoftHard Automation Pvt.Ltd
129	NARWADE ASHITOSH SANJAYRAO	SoftHard Automation Pvt.Ltd
130	NATU ABHIJEET AJIT	SoftHard Automation Pvt.Ltd
131	PALLUGULLA HARISH REDDY (Group Leader)	SoftHard Automation Pvt.Ltd
132	PATIL GAURAV MOHANLAL	SoftHard Automation Pvt.Ltd
133	PAWAR PIYUSH VISHRAM	SoftHard Automation Pvt.Ltd
134	PAWAR PRASHANT RAJENDRA	SoftHard Automation Pvt.Ltd
135	POOJARI VISHAL VASU (Group Leader)	SoftHard Automation Pvt.Ltd
136	SAPRE KAUSHAL SAMARTH	SoftHard Automation Pvt.Ltd
137	SARDESAI SAUKHYASHEEL RANDHIR	SoftHard Automation Pvt.Ltd
138	SATPUTE SHIRISH DNYANESHWAR	SoftHard Automation Pvt.Ltd
139	SAWLE PRAJWAL SHAILENDRA (Group Leader)	SoftHard Automation Pvt.Ltd
140	SAYED MOHAMMEDREHAN AMANATKARIM	SoftHard Automation Pvt.Ltd
141	SHAIKH AKIB AYYAJ	SoftHard Automation Pvt.Ltd



138	SATPUTE SHIRISH DNYANESHWAR	SoftHard Automation Pvt.Ltd
139	SAWLE PRAJWAL SHAILENDRA (Group Leader)	SoftHard Automation Pvt.Ltd
140	SAYED MOHAMMEDREHAN AMANATKARIM	SoftHard Automation Pvt.Ltd
141	SHAIKH AKIB AYYAJ	SoftHard Automation Pvt.Ltd
142	SHAIKH ASLAM SAIPAN	SoftHard Automation Pvt.Ltd
143	SHAIKH OBEDRAZA QAMARALAM (Group Leader)	SoftHard Automation Pvt.Ltd
144	SHARMA GHANSHYAM	SoftHard Automation Pvt.Ltd
145	SHENDE GAURAV DATTATRAY	SoftHard Automation Pvt.Ltd
146	SHINDE GAURAV RAM	SoftHard Automation Pvt.Ltd
147	SONAWANE PRAMOD DATTATRAYA	SoftHard Automation Pvt.Ltd
148	SURYAWANSHI ASHISH SHRIMANT	SoftHard Automation Pvt.Ltd
149	TAMBOLI AMIR MUSTAFA	SoftHard Automation Pvt.Ltd
150	THAPA MARMIK KARANBAHADUR (Group Leader)	SoftHard Automation Pvt.Ltd
151	TODKAR CHANDRAKANT SHIVDARSHAN	SoftHard Automation Pvt.Ltd
152	WANMALI BRAJWAL SATISH (Group Leader)	SoftHard Automation Pvt.Ltd
153	ZUNJAR RAHUL KASHINATH	SoftHard Automation Pvt.Ltd
154	PANDIT SHUBHAM SUNIL	SoftHard Automation Pvt.Ltd
155	DUDHATE NITIN DNYANOBA (Group Leader)	SoftHard Automation Pvt.Ltd
156	DHAMDHARE AKSHAY SANJAY	SoftHard Automation Pvt.Ltd
157	KUMAR RAVI RANJAN	SoftHard Automation Pvt.Ltd

SMD  
HOD- E&TC

### LETTER OF INTERNSHIP COMPLETION

This is to certify the below students of Opulent Academy has successfully completed their internship for a duration of three month from 26 Oct 2018 to 25 Jan 2019.

They are hardworking and worked diligently in their project. Their contributions to the project are appreciated. Listed below are the aspects of the work he has done

**Project Title: Smart Garden For Smart City.**

Please note all information provided by the aforementioned candidate in their report is to remain confidential and not to be disclosed to anyone whatsoever

We hereby certify their work satisfactory to the best of our knowledge

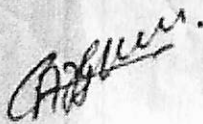
Student Name :

Rushikesh Hadawale

Mangesh Walunj

Rohit Gadre

Yours Sincerely,



Ganesh Arsule

Branch Incharge





NDQube Technologies Pvt. Ltd.  
Unravel Data Mysteries

**Subject: Successful Completion of Internship**

It is hereby declared that Mr. Rohit Jagtap, student of E & TC Engineering of Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune have completed internship since 16<sup>th</sup> Aug. 2018 to 30<sup>th</sup> Sept. 2018.

He has worked on IoT based project on Arduino Uno. He is found regular and sincere during the internship.

Regards  
Mrs. Anuradha Bankar

Director  
NDQube Technologies Pvt. Ltd, Pune



Registered Office Address:  
Row House 21, Swaroop Park, Gandhi Nagar, Kothrud, Pune  
Maharashtra, India - 411038



NDQube Technologies Pvt. Ltd.  
Unravel Data Mysteries

**Subject: Successful Completion of Internship**

It is hereby declared that Mr. Abhijeet Shelke, student of E & TC Engineering of Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune have completed internship since 16<sup>th</sup> Aug. 2018 to 30<sup>th</sup> Sept. 2018.

He has worked on IoT based project on Arduino Uno. He is found regular and sincere during the internship.

Regards  
Mrs. Anuradha Bankar

A handwritten signature in cursive script, appearing to read 'Anuradha Bankar', is written over a horizontal line.

Director  
NDQube Technologies Pvt. Ltd, Pune



Registered Office Address:  
Row House 21, Swaroop Park, Gandhi Nagar, Kothrud, Pune  
Maharashtra, India - 411038



NDQube Technologies Pvt. Ltd.  
Unravel Data Mysteries

**Subject: Successful Completion of Internship**

It is hereby declared that Ms. Medha Joshi, student of E & TC Engineering of Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune have completed internship since 16<sup>th</sup> Aug. 2018 to 30<sup>th</sup> Sept. 2018.

She has worked on IoT based project on Arduino Uno. She is found regular and sincere during the internship.

Regards  
Mrs. Anuradha Bankar

A handwritten signature in black ink, appearing to read 'Anuradha Bankar', is written over a horizontal line.

Director  
NDQube Technologies Pvt. Ltd, Pune



Registered Office Address:  
Row House 21, Swaroop Park, Gandhi Nagar, Kothrud, Pune  
Maharashtra, India - 411038



Date: 30<sup>th</sup> May 2019

Project Completion Certificate

TO WHOMSOEVER IT MAY CONCERN

This is to certify that

1. Chirag Laxman Borole (B150453016)
2. Adesh Suresh Kankhar (B150453043)

of Department of Electronics & Telecommunication Engineering from Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune have successfully completed a project on "IoT Based Digital Signage" from June 2018 to May 2019 in Pako Technologies Private Limited, Pune as their final year project.

During the project completion period, we found that they are hardworking and inquisitive. We are also satisfied with the project results obtained by the students.

We wish them all the best in their future endeavors.

Thanks & Regards,

Sign

(Authorized signatory)

(PAKO Technologies Pvt. Ltd.)

**PAKO Technologies Private Limited.** B-1, Floor #2, Mangalmurti Complex,  
Sinhagad Road, Pune - 411030, India. (MH) Tel. +91 20-67290666 / 24250666 / 24250999  
Fax : +91 2024250164 | www.pakoindia.com | CIN: U72200PN2000PTC015172

Date:

**Project Completion Certificate  
To Whomsoever it may Concern**

This is to certify that **Mr. Amol Dhotre, Mr. Swaraj Deogaonkar and Mr. Chandrabhushan Bhosale** pursuing Third Year in Engineering from **Marathwada Mitra Mandal's College of Engineering** have successfully completed the project titled "**Gesture Control Robot**"

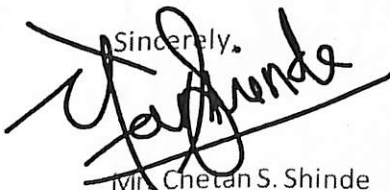
Project: "**Gesture Control Robot**"

Duration: From 18<sup>th</sup> December 2018 to 18<sup>th</sup> January 2019

Responsibilities: Design Calculations, PCB Design, Development, Coding, Testing, Debugging and Deployment.

During the course of project, the team has shown extreme hard work, dedication and passion completing the project on time and as planned. The team has work relentlessly towards the completion of the project and has gained significant technical knowledge as well as team work. **During the project period their code and conduct were excellent!**  
**We wish them best luck to complete their Academics exams!**

Sincerely,



Mr. Chetan S. Shinde

Managing Director

Date:

**Project Completion Certificate  
To Whomsoever it may Concern**

This is to certify that **Mr. Meghasham Joshi, Ms. Vaibhavi Kavathekar and Ms. Shanta Khairate** pursuing Third Year in Engineering from **Marathwada Mitra Mandal's College of Engineering** have successfully completed the project titled **"Home Automation"**

Project: **"Home Automation"**

Duration: From 18<sup>th</sup> December 2018 to 18<sup>th</sup> January 2019


Responsibilities: Design Calculations, PCB Design, Development, Coding, Testing, Debugging and Deployment.

During the course of project, the team has shown extreme hard work, dedication and passion completing the project on time and as planned. The team has work relentlessly towards the completion of the project and has gained significant technical knowledge as well as team work.

**During the project period their code and conduct were excellent!**

**We wish them best luck to complete their Academics exams!**

Sincerely,

  
Mr. Chetan S. Shinde

Managing Director



Date: 15.6.2018


To,  
Head of E & TC Dept.  
Marathwada Mitra Mandal College of Engineering  
Pune – 411002.

**CERTIFICATE**

This is to certify that Mr. Shubham Amrutkar (Roll No.103) Student of Marathwada Mitra Mandal College of Engineering, Pune – 411002 has successfully completed his on job training from our organization from 4 June 2018 to 9 June 2018

We wish him all the best in his future career.

M/S. Melux Control Gears Pvt. Ltd.

  
(Mrs. Manasi M. Bidkar)  
Director

**MELUX CONTROL GEARS PVT. LTD.**



ALGORITHMIC ELECTRONICS

Office No 51,5th floor, Sagar Heights, Pune-Satara Road, Balajinagar,Pune-43

[www.algorithmic-electronics.com](http://www.algorithmic-electronics.com)

Email- atulwadkar27@gmail.com

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15<sup>th</sup> August 2019

**To whom it may concern**

This is to certify that, **Mr. Ashutosh Bilange** has completed his **Internship** with **Algorithmic Electronics** from **15-01-2019** to **15-07-2019** and completed projects based on Python & Image Processing. He has learned all the techniques of Software Development & Hardware Designing and Testing. During his internship, we found him very hardworking, knowledgeable, effective and sincere.

With Regards,

Ms. Pallavi Gadhave

HR

Algorithmic Electronics.



# Algorithmic Electronics

Office No 87 & 88, 4<sup>th</sup> Floor, D Wing, KK Market, Balajinagar, Pune  
Phone: (+91) 9049301122 • [algorithmic.electronics@gmail.com](mailto:algorithmic.electronics@gmail.com)  
• <http://www.algorithmic-electronics.com>

Date: 20/07/2019

Subject: Approval of Sponsorship.

Dear,

1. Ashutosh Narayan Bilange
2. Aniket Avinash Kadam

Your application for sponsorship for the academic project (IoT based Smart Mirror) has been approved.

You will get complete assistance and guidance. Also we will provide you necessary technical support.

You need to submit following documents

1. Permission Letter from your College.
2. Photocopy College ID card.

**For Algorithmic Electronics**

**Ms. Pallavi Gadhave**

**Project Head**

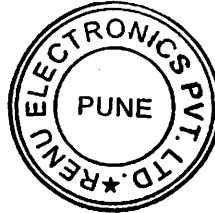
Date: 26/06/2018

## TO WHOM IT MAY CONCERN

This is to certify that Mr. Anish Amar Dhamale, S/O Mr. Amar Dhamale, a student of Engineering, MMCOE, Pune has successfully complete 15 (Fifteen) days (28 May, 2018 to 11 June, 2018) internship program at this Research and Development Department, during the period of his internship program he was found punctual, hardworking and inquisitive.

We wish him every success in life.

For RENU ELECTRONICS PVT LTD

  
Authorized Signature

An ISO 9001:2008 and ISO 14001:2004 certified company

**Regd. & Head Office:-**  
Survey No. 2/6, Baner Road,  
Pune-411045, India.  
Tel.: +91 20 2729 2840  
Fax: +91 20 2729 2839.

**Factory:-**  
Gat No. 1163,  
Ghotawade, Tal-Mulshi,  
Pune - 412115, India.  
Tel.: +91 20 66872900

CIN No. U31909PN1990PTC057987

Email. : info@renuelectronics.com

Website : www.renuelectronics.com

AY 18-19

Feb 2019



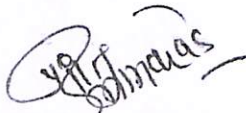
Date: 7-Feb-19

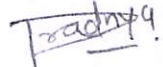
TO WHOM IT MAY CONCERN

This is to certify that Ms. Pradnya Dnyaneshwar Kondhekar, a student of Engineering, MMCOE, Pune has successfully complete 1 Month (02 Jan, 2019 to 02 Feb, 2019) internship program at Production Department, during the period of her internship program she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For, RENU Electronics Pvt. Ltd

  
Authorized Signature



An ISO 9001 : 2015 and ISO 14001 : 2015 Certified Company

**Head Office:-**  
Survey No. 2/6,  
Baner Road, Baner,  
Pune - 411045, India.  
Tel.: +91 20 2729 2840

**Factory:-**  
Gat No. 1163,  
Ghotawade, Tal-Mulshi,  
Pune - 412115, India.  
Tel.: +91 20 6687 2900

CIN No. U31909PN1990PTC057987

Email. : info@renuelectronics.com

Website : www.renuelectronics.com

Date: 7-Feb-19

TO WHOM IT MAY CONCERN

This is to certify that Mr. Kunal Satish Satav, a student of Engineering, MMCOE, Pune has successfully complete 1 Month (02 Jan, 2019 to 02 Feb, 2019) Internship program at Production Department, during the period of his internship program he was found punctual, hardworking and inquisitive.

We wish him every success in life.

For, RENU Electronics Pvt. Ltd



Authorized Signature

Kunal Satav

**An ISO 9001 : 2015 and ISO 14001 : 2015 Certified Company**

**Head Office:-**  
Survey No. 2/6,  
Baner Road, Baner,  
Pune - 411045, India.  
Tel.: +91 20 2729 2840

**Factory:-**  
Gat No. 1163,  
Ghotawade, Tal-Mulshi,  
Pune - 412115, India.  
Tel.: +91 20 6687 2900

CIN No. U31909PN1990PTC057987  
Email. : info@renuelectronics.com  
Website : www.renuelectronics.com

TO WHOM IT MAY CONCERN

This is to certify that Ms. Shambhvae Mandke, a student of Engineering, MMCOE, Pune has successfully completed 1 Month (02 Jan, 2019 to 02 Feb, 2019) internship program at Production Department, during the period of her internship program she was found punctual, hardworking and inquisitive.

We wish her every success in life.

For, RENU Electronics Pvt. Ltd

  
Authorized Signature



**An ISO 9001 : 2015 and ISO 14001 : 2015 Certified Company**

**Head Office:-**  
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Tel.: +91 20 6687 2900

CIN No. U31909PN1990PTC057987  
Email. : info@renuelectronics.com  
Website : www.renuelectronics.com

Date: 7-Feb-19

TO WHOM IT MAY CONCERN

This is to certify that Mr. Nihar R Kelkar, a student of Engineering, MMCOE, Pune has successfully complete 1 Month (02 Jan, 2019 to 02 Feb, 2019) internship program at Production Department, during the period of his internship program he was found punctual, hardworking and inquisitive.

We wish him every success in life.

For, RENU Electronics Pvt. Ltd



Authorized Signature



**An ISO 9001 : 2015 and ISO 14001 : 2015 Certified Company**

**Head Office:-**  
Survey No. 2/6,  
Baner Road, Baner,  
Pune - 411045, India.  
Tel.: +91 20 2729 2840

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Ghotawade, Tal-Mulshi,  
Pune - 412115, India.  
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CIN No. U31909PN1990PTC057987  
Email. : info@renuelectronics.com  
Website : www.renuelectronics.com



# MARATHWADA MITRA MANDAL COLLEGE OF ENGINEERING

ACCREDITED WITH 'A' GRADE BY NACC

Department of Electronics and Telecommunication

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A report of internship at RENU Electronics

**2<sup>th</sup> February, 2019**

We students of MMCOE, Pune got an opportunity for internship from 2<sup>th</sup> January, 2019 to 2<sup>th</sup> February, 2019 at RENU Electronic. On the first day of internship we were introduced with Nitu madam as our guide. She gave us short information about company, starting from various departments such as Milling, Calibration, SMD, Final Assembly, Store, Quality Testing, Dispatch and Transport.

Nitu madam introduced us to our supervisor Ashok Raut sir of Final Assembly. He told us that, RENU Electronics manufactures different types of display monitors, PCBs needed for elevators, motherboard of Haier television.

Raut sir is the supervisor of **Final Assembly Department**, he gave us the detail information about departmental activities and he also told us that Final Assembly is also a part of Production. In the department detail he told us that, the programming or bootlogging of the different of CPU used in different types of display monitor are done here.

In the Final Assembly department testing of different of types of PCBs such PCBs of Benshaw, Nano display, PCBs of different types of display monitor are done. Then final touch up is done and mounted on their particular panels. If some PCBs are detected as faculty during testing then, its rework and retest is done. And on each and every PCBs a particular code sticker is pasted to identify the report of PCB done during testing and which particular user has done the testing. After the final testing of PCBs and display monitor, the are passed to Quality Testing Department.

In the **Quality Testing department** we were introduced to Rosan sir who is supervisor of this department. He told us that, in this department different types of PCBs, display monitor, motherboard of Haier television are tested again. They are kept in different machine to test whether they can work at different condition. If in any PCB, display monitor or motherboard is detected faculty then they were send back to Final Assembly department to rework and retest the particular PCB or display monitor as change in the particular component. Then the product are passed to Dispatch and Transport department to set the product into the market.

In the **Dispatch and Transport department** we were introduced to Bhushan sir supervisor of this department. He gave us detail about this department. In department product which were going set in

12-19

Marathiwada Mitra Mandal's  
**COLLEGE OF ENGINEERING, PUNE**  
 Accredited with 'A' Grade by NAAC

**Industrial Visit to Renu Electronics 10th Jan. 2019**  
 Department of Electronics and Telecommunication Engineering

Sr. No	Roll No.	Name of Student	Sign
1	TE107	Vinit Bhalerao	Vinit Bhalerao
2	TE109	Kaif Bhojani	Kaif
3	TE135	Vishakha Gaikwad	Vishakha Gaikwad
4	TE136	Yukta Gandhi	Yukta Gandhi
5	TE140	Vivek Gondil	Vivek
6	TE149	Tanuja Jadhav	Tanuja Jadhav
7	TE154	Devank Joshi	Devank Joshi
8	TE157	Tanmay Joshi	Tanmay Joshi
9	TE160	Rutuja Kench	Rutuja Kench
10	TE162	Dipali Khadap	Dipali Khadap
11	TE166	Aishwarya Khangaonkar	Aishwarya Khangaonkar
12	TE170	Sanket Kulkarni	Sanket Kulkarni
13	TE175	Vaishnavi Pathak	Vaishnavi Pathak
14	TE176	Priyanka Shinde	Priyanka Shinde
15	TE178	Abhishek Mankar	Abhishek Mankar
16	TE180	Diksharathi Bhimate	Diksharathi Bhimate
17	TE182	Pushkaraj Dharmadhikari	Pushkaraj Dharmadhikari
18	TE185	Sagar Bhalerao	Sagar Bhalerao
19	TE225	Vaibhavi Nagarkar	V.P. Nagarkar
20	TE229	Abhijeet Natu	Abhijeet Natu
21	TE251	Mohammed Rehan Sayed	Mohammed Rehan Sayed
22	TE255	Obedraza Shaikh	Obedraza Shaikh
23	TE261	Amolika Singh	Amolika Singh
24	TE264	Pooja Sonji	Pooja Sonji
25	TE272	Ashmita Totre	Ashmita Totre
26	MMIT28	Ravi Ranjan Kumar	Ravi Ranjan Kumar
27	MMIT	Pooja Mandhare	Pooja Mandhare

- List of Faculty:
- Ms. Priya Sawant
  - Ms. Swati Deshmukh
  - Ms. Manisha Dudheda

MS  
SMD  
MAD

Pawant  
 HEAD  
 E&TC Dept.

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Sr.No.18, Plot No.5/3, Karvenagar , Pune – 411052.

Accredited with 'A' grade by NAAC

---

### **Report on Two Weeks Industrial Training Program at B& R Automation, Pune**

**Title of Program:** HOTA –Hands On Training in Automation

Industrial Training on “Programming of B &R control Systems and Software tools”

**Organized by:** B& R Automation, Pune

**Day & Duration:** 06<sup>th</sup> May to 17<sup>th</sup> May 2019 (10.00 am to 6.00 pm)

**Name of Faculty members attended the program:**

Ms. M.R.Pangaonkar

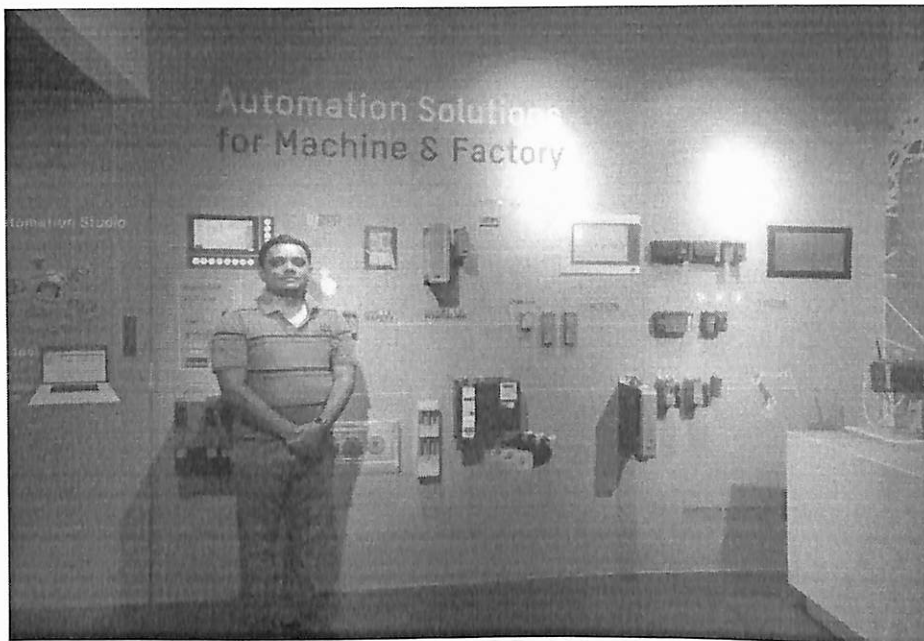
Mr.A.G.Dakre

**Key Contents of the Program:**

1. Automation Studio Basics
2. Visualization Basics
3. MAPP Technology

**Training Outcome:**

1. Training Center at E&TC, MMCOE with Sponsorship of Lab Kits
2. Expert Lectures/Project Guidance/Capsule training
3. Internship & Placement opportunities for the students
4. B& R Lab utilization for real time application development



An agreement to install training kits for 'Evaluation & Training for Automation' (ETA) was signed between Department of Electronics & Telecommunication Engineering, MMCOE and B&R Automation today, the 8<sup>th</sup> of July 2019. The ETA Kits will be installed at the Institute with the support of B&R Education Network.

Following activities will be conducted under the agreement -

- **Hands On Training in Automation**
- **Train the Trainers program:** E&TC faculty, Ms. M R Pangaonkar & Mr. A G Dakre successfully completed Two Weeks Hands on Training in Automation at B&R Automation, Shivajinagar, Pune. Training will be imparted to additional faculty to use the ETA kit for conducting student courses. B&R will conduct a refresher course for faculty every year.
- **Final Year Projects:** ETA kits will facilitate industry relevant B.E projects.
- **Internships & Placement:** B&R Automation will provide internship & placement opportunities' to the trained students






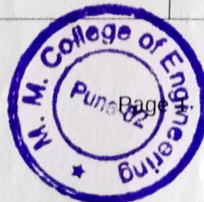
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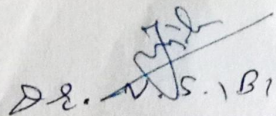
Marathwada Mitra Mandal's  
College of Engineering  
Karvenagar, Pune  
Accredited with 'A' Grade by NAAC  
Department of Information Technology

Internship 2018-19

Sr. No.	Students Name	Company Name
1	Omkar Gokhale	Cybervault Security Solutions Pvt. Ltd
2	Krutika Bhagwat	
3	Kajal Pompatwar	
4	Arti Rode	
5	Rohit Suryawanshi	
6	Vishwajeet Gawali	
7	Nitin Sonawane	
8	Aditya Shelar	
9	Ninad Bhate	Intershala
10	Pradip Shelke	Persistent Systems Pvt. Ltd.
11	Omkar Pardeshi	
12	Shubham Kamble	
13	Shruti Karde	EventBeep Entertainment LLP
14	Rucha Kadam	
15	Smita Pasalkar	Bolt
16	Vipul Munot	Haripriya Industries
17	Anshul jadhav	NOVUM Softech Pune
18	Rushabh Lalwani	
19	Chetan Chhajed	
20	Yash Jawalkar	
21	Nitin Sonawane	Intersahla
22	Gayatri Bhalerao	Kasnet
23	Payal Shah	
24	Tushar Nemade	
25	Saloni Telang	

  
Mrs. P.S. Joshi



  
Dr. D.S. Bidwe  
HOD, IT

Ref No: - CSSPL/A285

Date: - 15/01/2019

## Certificate of Completion

Dear Mr. Omkar Gokhale,

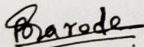
Further to your internship application 01 October 2018 and your successful internship tenure with Cybervault Security Solutions Pvt. Ltd as an **"Information Security Intern"**, we are pleased to offer you the completion certificate over the same.

Throughout your Internship period from 01 Oct 2018 for a period of 3 months till 02 Jan 2019 your conduct and performance was found to be good and in compliance with the company policies. Your work over the Info Security domain over the projects with Cybervault Securities Solutions Pvt. Ltd is appreciated and found up to our level of expectations.

We hereby certify the completion of your internship and wish you luck and success ahead.

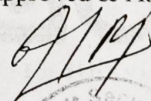
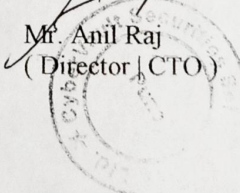
Best Regards

Issued by,

  
Pradnya Sarode  
( HR Manager )

Cybervault Securities Solutions Pvt.Ltd  
Pune(Maharashtra)  
Cell-9657665636  
Email- info@cybervaultsec.com  
Web- www.cybervaultsec.com

Approved & Authorised by ,

  
Mr. Anil Raj  
( Director | CTO )  






Reg. No. U72900PN2014PTC152149

Ganesh Plaza, Above ICICI Bank,  
Manajinagar, Narhe, Pune-41.

Contact : 7276063110

+91 8698833110 / 8698433110

inquiry.india@kasnetinc.com

sto.

To,

Class Teacher BE IT,

MMCOE, Pune.

**Subject: Workshop held at Kasnet Technologies Pvt Ltd.**

Respected Mam

Students from your college have attended a workshop held at kasnet on technical concepts related to Java and web technologies needed for their project. The workshop was from **18<sup>th</sup> March 2019-27<sup>th</sup> March 2019** and workshop was conducted from USA team .

They have successfully completed the workshop. Thanks for your co-operation.

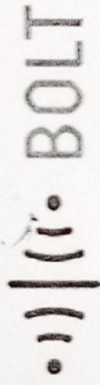
Following students attended the workshop:

- Gayatri. Bhalerao
- Payal. Shah
- Tushar. Nemade
- Saloni. Telang

For KasNet Technologies Pvt. Ltd.

Director





# Certificate of Completion

This is to certify that Mr./Ms. Smita Pasalkar a student of MMCOE, Pune has scored 76% and successfully completed the 1 Month training on **Internet of Things and Machine Learning**.

30 June 2019

Date

**Vinayak Joshi**  
Mentor, Bolt IoT

**Pranav Pai Vernekar**  
CEO, Bolt IoT



To verify this certificate, please e-mail to [support@bolt.iot.com](mailto:support@bolt.iot.com)

B2038E20A9AEF7D50CDF4503B1C65F

Date:11/4/2019

## Report of Industry Visit

**Company Name:** National Institute of Abiotic Stress Management, Malegaon-Karhavagaj Road, Khurd, Baramati, Maharashtra 413115

### Agenda of Visit:

- 1)Ongoing agri based research project discussion and suggestions
- 2)discussion on new research project ideas
- 3)Collaboration between MMCOE and NIASM for research activities

**Date & Time:** 08/04/2019- 11.00 am- 4.00 pm

**Class :** BE project students **No. of participants:** 4(Student)+4(Faculty)

**Faculties Involved in the Industry Visit:** Sarita D.Sapkal, Geetha Chillarge,Pradnya Mehta, Pooja Dhule

### Topics Discussed :

- 1) MMCOE's Agriculture Project
- 2) Future Enhancement in project such as Soil fertilizers,Weather forecasting
- 3) Research Problems from NIASM
- 4) MoU for research Agro-Engineering projects

### Photo with caption:

Discussion with Dr.Jagadish Rane,Director,NIASM



Visit to NIASM research projects(Onion Plant,Fishery)



**Outcome:** Students and faculties got knowledge of ongoing research work in agriculture field.  
New opportunity to work with NIASM on research projects based on agriculture

Sopral  
11/4/2019  
Faculty Incharge

  
HoD

Date: 19/03/2019

### Report of Industrial visit to MTSO, Chinchwad, Pune

Department of Electronics and Telecommunication has organized an industrial visit to MTSO, Chinchwad, Pune for BE- E & TC students.

- The objective of the visit was to make students aware of the concept of GSM through a live application.

The details of visit are as below:

Location: BSNL-MTSO, Chinchwad, Pune.

Date of visit: 19/03/2019

Time of Visit: 11:00 am.

Number of Students: 62

They were accompanied by the teaching faculty. Staff members from SDE, RTTC, Pune guided the students throughout the visit.



*P. Sawant*

Mrs, P.S. Sawant  
HEAD  
Department of E&TC Engg.

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**

Karvenagar, Pune-52  
Permanently affiliated to SPPU Accredited with 'A' Grade by NAAC  
'Best College award in 2018-19 by SPPU'

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**


Academic Year: 2018-19 (Sem - II)

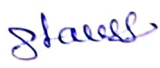
Event Name: Industrial Visit  
Event Date : 06<sup>th</sup> February 2019  
Venue : MIDC, Wai, District- Satara

Students' Association-BETA has organized Industrial visit to MIDC, Wai. This visit was conducted as a co-curricular activity. Two companies from the Wai Industrial Area, Photonix Solar Pvt. Ltd. and Perfect Electronics, were contacted. To celebrate the Golden Jubilee year of Marathwada Mitra Mandal, for the first time in college, total 200 students from SE, TE and BE classes accompanied by Dean(Admin), HOD(E&TC) and 11 faculty members were taken to Industrial Visit. Students left the college campus at 7:00am in four buses. The journey was halted at Khed-Shivapur for the breakfast. Students reached the MIDC area at 11:00am.

Photonix Solar Pvt. Ltd. is specialized in providing leading edge technology solution in the field of solar photovoltaic modules. Perfect Electronics is well known for educational electronics kits like FM transmitter, Power line transmitter and receiver, IR transmitter and receiver, Video signal transmitter, Remote control circuit inverters and UPS etc. Students were demonstrated and explained the working principles. After visiting the manufacturing units, students proceeded to Ganapati temple of Wai. The lunch was done at Panchgani on 2:00pm. Before leaving for Pune, students visited and enjoyed the Mapro Garden. Biscuits were distributed in the evening. The groups returned to college campus at 9:00pm.

The whole trip was coordinated by BETA office bearers headed by Mr. Adesh Kankhar, Vice-president (Co-curricular activities) and the guidance of Ms. S.N. Deshmukh, Dean(Admin), Ms. P.S. Sawant, HOD(E&TC) and Ms. S.S. Tavse, Staff coordinator, BETA.

  
Mr. Adesh Kankhar  
Vice-President (Co-curricular Activities)

  
Ms. S.S. Tavse  
Staff Coordinator, BETA

MMCOE/ETC/24,44,51/2018-19



“येथे बहुतांचे हित”

**INDUSTRIAL VISIT REPORT OF**  
**Department of**  
**Electronics And Telecommunication**  
**Engineering,**  
**MMCOE, Pune**  
**(T.E E&Tc)**  
**(On 10<sup>th</sup> Jan'19)**

The department of Electronics and Telecommunication, Marathwada Mitra Mandal's College of Engineering organised one day industrial visit to Renu Electronics, Pirangut on 10<sup>th</sup> January'19 for third year Electronics and Telecommunication Engineering students.

The visit was organised with the prior permission and guidance of Hon. Principal **Dr.S.M. Deshpande** and HOD of E&Tc department **Ms. Priya Sawant**. Along with the staff members, **Ms. Manisha Dudhedia**, **Ms. Swati Deshmukh** of E&Tc and students of third year E&Tc accompanied with this industrial visit. Total 27 students of third year (E&Tc) along with 3 faculty members have joined this industrial visit.

**The details of the journey are as follows: -**

1. We started travelling from Pune to Pirangut at 9:00 am on 10<sup>th</sup> Jan'19.
2. We reached to Pirangut at morning 09:45 A.M.
3. At 10:00 AM we reached at Renu Electronics.

As soon as we reached in company, we were guided by Supervisor of Renu Electronics. This unit basically focuses on the Smd manufacturing of the products designed by Renu Electronics. Mr. Kulkarni Sir addressed the students and introduced about the company. He explained about the functioning of this unit. The unit at that time was basically focusing on the production of high level motherboards. He also told us about the different precautions to be taken during the visit. The different departments of the company were:

1. Milling and Grinding
2. Inward QC
3. Pick and Place
4. Heller Reflow Oven



5. Wave Soldering Machine
6. EMS Wave Soldering Machine

During this session students interacted with the staff very effectively particularly about the soldering machines. We were also enlightened about the placement criteria of that company.

We arrived at 1:00 o'clock at MMCOE campus, Karvenagar on same day.

**THANK YOU!**

Bhawant  
HOD-ETR

**Industrial visit to Soft-Hard Automation**

21<sup>st</sup> December 2018

The Department of E&TC organized one day industrial visit to Soft-Hard Automation, Pune. This visit was organized on 21<sup>st</sup> December 2018 for T. E. students. This visit was approved by Dr. S. M. Deshpande (Principal) of MMCOE, Pune. Prof. Priya Sawant (HOD, E&Tc Department), Mrs. S. N. Deshmukh (Dean Admin), Mrs D. N. Parkhi (Assistant Professor), have taken efforts to make this visit a success.

The main objective of this visit was to make students aware about the actual concept of automation and latest technologies used in industry. An industrial visit also give students an insight regarding internal functioning of companies.

The visit to the industry was educational and gave the students the exposure as to how the industry and the outside market works. The students were benefited with the technical terms and the knowledge of how Printed Circuit Board (PCB) production works step by step.

It was an informative, interesting and a successful visit. As a students of E&TC, understood a live Electronics applications and importance of technology selection, etc. The Department is also thankful to respected Principal Dr. S. N. Deshpande and HOD Ms. P. S. Sawant who motivated to arrange such an informative program.

*P. S. Sawant*

**Industrial visit Co-ordinator**

**Mrs. P. S. Sawant:**

*P. S. Sawant*

**Head of Department  
(E & TC)**

**Industrial visit to RENU Electronics Pvt. Ltd.**

04<sup>th</sup> October 2018

The Department of E&TC organized one day industrial visit to RENU Electronics Pvt. Ltd., Pune. This visit was organized on 4<sup>th</sup> October 2018 for SE and B.E students. This visit was approved by Dr. S. M. Deshpande (Principal) of MMCOE, Pune. Along with these professors, Prof. Priya Sawant (HOD, E&Tc Department), Mrs. R. R. Malekar (Assistant Professor), Mrs H. N. Burande (Assistant Professor) and Mr. R. P. Kundap (Technical Assistant), have taken efforts to make this visit a success.

The main objective of this visit was to make students aware about the actual concept of automation and latest technologies used in industry. An industrial visit also give students an insight regarding internal functioning of companies.

The visit to the industry was educational and gave the students the exposure as to how the industry and the outside market works. The students were benefited with the technical terms and the knowledge of how Printed Circuit Board (PCB) production works step by step.

Visit started at 10.00 am we reached to Renu Electronics Pvt. Ltd. Students were divided in the batch of 14 students per batch for the visit and the interaction with the industry person. The Technical Head of Renu Electronics Pvt. Ltd. conducted very informative session for the students. Also he motivated to the students to select their domain and area of interest in a core Electronics. He also guided on PLC series and other working technologies. Finally he gave a brief introduction of Renu Electronics Pvt. Ltd. and careers and opportunities in Electronics.

The session was concluded with Question- Answer session. Many of the students asked different questions to the industry person on current demanding technologies, market scenarios etc. and he cleared all the doubt and myths which was in students mind about the technologies and Electronics. All students were satisfied after the session. The visit came to an end at 1:30 p.m.

It was an informative, interesting and a successful visit. As a students of E&TC, understood a live Electronics applications and importance of technology selection, etc. Students expressed thanks to the Technical Head and all team members of Renu Electronics Pvt. Ltd. who spent their valuable time. The Department is also thankful to respected Principal Dr. S. N. Deshpande and HOD Ms. P. S. Sawant who motivated to arrange such an informative program.

**Industrival visit Co-ordinator**

1. Mrs. P. S, Sawant: *P. Sawant*
2. Mrs. R. R. Malekar: *R. Malekar*
3. Mrs H. N. Burande:

*P. Sawant*  
**Head of Department  
(E & TC)**

### Industrial visit to G. M. Enterprises

3<sup>rd</sup> October, 2018

The department of Electronics & Telecommunication Engineering organised industrial visit to G. M. Enterprises, Shivane, Pune. This visit was organised on 3<sup>rd</sup> October 2018 for B.E E&TC elective-II(Electronic Product Design) students. 50 students along with course co-ordinators Mrs. S.N.Deshmukh and Mr. A.A. Deshmukh visited the industry.

G.M. Enterprises are in the field of Electronic Manufacturing Processes and Surface Mounting Technology (SMT). The major role of Pune plant is PCB Mounting by Pick and Place machines.

Details of visit:

Mr. Vishram Dhongade explained whole PCB mounting process to students and also solved all queries asked by them satisfactorily due to his knowledge and hands on experience of 35 years in this field. Students observed actual process of PCB mounting in 4 steps as follows:

#### 1. Making Stencils and Solder Pasting :

Solder paste is spread on PCB through stencil designed prior to mounting the components. In solder pasting, solder cream is made up of 63% of tin and 37% of lead.

#### 2. Mounting of SMDs by Pick & Place machines and verification of correct placement of components :

Mounting of SMDs on PCB is done by two machines viz. YAMAHA (YV100X) and EVES (GMEPPNP-01). Approximately 10000-12000 components per hour can be mounted by these machines. YAMAHA and EVES Pick & Place machines can place 8 and 6 components at a time respectively. Accuracy of these machines is 98%.

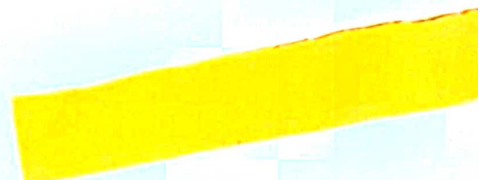
There are two types of testing techniques as vision testing and laser testing, these machines use vision testing.

#### 3. Heating of solder glue on PCB in Oven :

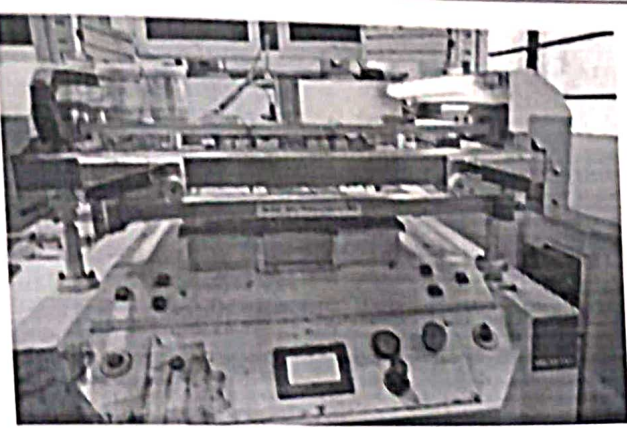
Temperature cycle is set manually as per specifications of solder paste.

#### 4. Visual inspection and soldering:

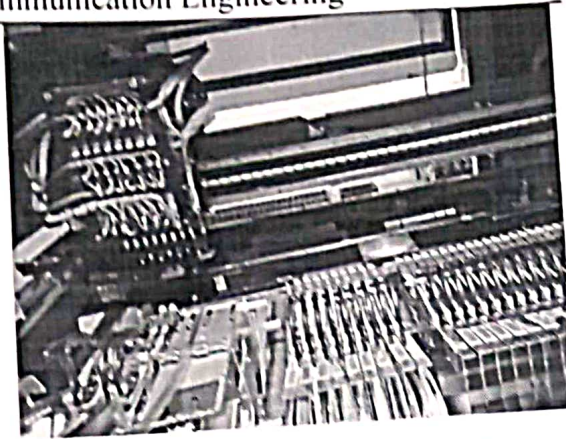
Components mounted through holes if any are manually soldered. All PCBs undergo visual inspection to check placement of right components at right place by a team of experts.



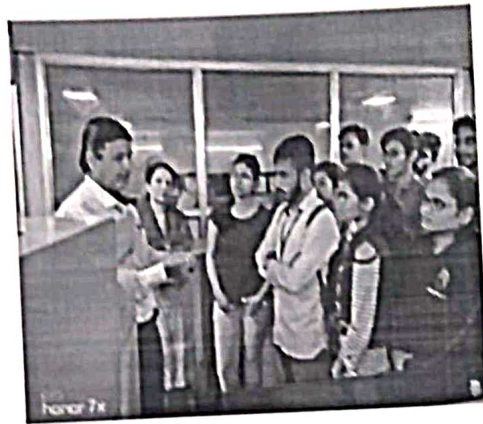
Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
S.No.18, Plot No.5/3, Karvenagar, Pune 411 052  
Department of Electronics & Telecommunication Engineering



Solder Printer



Pick & Place Machine



Industrial Visit Co ordinator

*SND*  
Mrs. S.N. Deshmukh

Mr. A.A. Deshmukh

A Brief Report on Industrial Visit at I-Medita, Pune [Cisco Registered Partner]

dated 24<sup>th</sup> January 2018.

24<sup>th</sup> Jan 2019

Recently, an Industrial Visit was conducted at I-Medita, Pune Cisco Networking Labs by students of Marathwada Mitra Mandal's College of Engineering Karve Nagar, Pune. Over 31 students under the guidance of Faculty Member Prof. Shital Kakad visited I-Medita Networking Labs and were introduced to the world of Networking. We would like to appreciate both the faculties for this initiative.

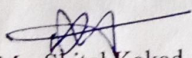
The motto of this Industrial visit was to give practical insights about Networking Industry and to discuss how they can start their high flying careers in the Networking domain.

I-Medita has Pune's Biggest Cisco Networking Labs which consist of a large number of Racks consisting Cisco Routers, Switches, Firewalls etc. Students visited these labs and interacted with CCIE experts. During this Industrial Visit, details about Networking Devices and their industrial practices were also discussed amongst students.

Expert shared deep practical insights about the role of networking in today's industries, the functionalities of networking devices like Routers, Switches, firewalls etc. in communication and the working of Data Centers, etc. Demonstration on Real time Networks was also shown to students.

Here are some Key Highlights of industrial Visit:-

- 1 Made Students Aware with Industry Practices.
- 2 Role of Network Engineers in companies like Airtel, Vodafone, HCL, Accenture, etc.
- 3 Increase Practical Awareness of Networking and Big Data Hadoop Industrial sectors among students.
- 4 Acquaint students with interesting facts and breath-taking innovations in Networking, Network Security and other networking domains.
- 5 Information shared on the key certifications involved in Networking and their importance in industry & explanation of how all the networking devices and Data Centers Works and their role in Industry.
- 6 Few Hands on Practical were also shown to students.

  
Ms. Shital Kakad

**Industry Visit Coordinator**

## Attendance Sheet

College Name: Marathwada Mitra Mandal's College of Engineering, Pune

Note: Please write your name in CAPITAL Letters.

Date: 24<sup>th</sup> January 2019

S.No.	Name(In Capital Only)	Contact Number	Email Id
1	KARISHMA B SURYAWANSHI	9049423327	suryawanshikarishma2017.it@mmcoe.edu.in
2	BHAKTI P. TORASKAR	9404059989	toraskarbhakti2017.it@mmcoe.edu.in
3	KALYANI PATHAK	9637171277	kalyanipathak1117@gmail.com
4	KARAN V. RAJURKAR	7887766466	karanrajurkar1998@gmail.com
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6	shelke Pradip H.	7768996608	shelkepradip2016.it@mmcoe.edu.in
7	Vinay Dasalkar	8412802821	dasalkarvinay2016.it@mmcoe.edu.in
8	Shubham Patil	9561570972	patilshubham2016.it@mmcoe.edu.in
9	Vaibhav Mane	9921767288	vaibhav.mane503@gmail.com
10	Tejas Kulkarni	7796545910	tejakulkarni1999@gmail.com
11	Manasi Desai	9637624731	manasidesai1999@gmail.com
12	Aditya Parikh	7028481210	parikhaditya2016.it@mmcoe.edu.in
13	Kratik Nagar	9424951796	Kratiknagar2016.it@mmcoe.edu.in
14	Swarnil Pakhore	7385964439	swarnilpakhore.it@mmcoe.edu.in
15	ANURAG A. JOSHI	9990860297	anurag2016.it@mmcoe.edu.in
16	OMKAR G. PARDESHI	7972760018	omkar001pardeshi@gmail.com
17	Roshan Shinde	9967899587	shinde roshan 2017.it@mmcoe.edu.in
18	ANULA BHOLE	9922882512	bholeanula2017.it@mmcoe.edu.in
19	MRUNALINI. P. TENKRE	9763245727	tenkre mrunalini 2017.it@mmcoe.edu.in
20	AKASH .M. SAMBHUDAS	9763460324	akash.sambhudas.it@mmcoe.edu.in
21	AKANKSHA .U. GADIKAR	9011087566	gadikar akanksha 2016.it@mmcoe.edu.in
22	RASHI N. GUNDAPWAR	7798304295	gundapwarashi2016.it@mmcoe.edu.in
23	VARSHA B. KIRVE	8446200598	varshakirve1@gmail.com
24	Anshul Jadhav	9527885401	anshuljadhav004@gmail.com
25	Rushabh Lalwani	7840944455	lalwani rushabh@gmail.com
26	Ajinkya .S. Karanjkar	902887021	ajinkyakaranjkar10@gmail.com
27	Shreyas V. Malavade	7295900459	Shreyas malavade 99@gmail.com
28	sneha A Wagh	8275835652	snehawagh821@gmail.com
29	Rucha S. Kadam	9881613100	ruchakadam.rk98@gmail.com
30	Pratiksha .Deetpande	9146479917	

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52

**DEPARTMENT OF MECHANICAL ENGINEERING**

**File No- 24**

**Title- Industrial Visits**

**Summary:**

**(Sem. -II 2018-19)**

<b>Sr. No.</b>	<b>Date</b>	<b>Name of Company</b>	<b>Beneficiaries</b>
1	01/03/2019	Sant Tukaram Sahakari Sakhar Karkhana, Kasarsai, Pune	BE Mechanical
2	05/04/2019	Techno Skill Engineering works, Pune	TE Mechanical
3	01/04/2019	IMTMA Technology center, Pune.	BE Mechanical
4	01/04/2019	KPCL, Hadapsar, Pune.	TE Mechanical
5	29/03/2019	VGTAAP, Kalewadi, Pune.	SE Mechanical

**(Sem. -I 2018-19)**

<b>Sr. No.</b>	<b>Date</b>	<b>Name of Company</b>	<b>Beneficiaries</b>
1	06/10/2018	Baramati Agro farm, Baramati	Mechanical
2	05/10/2018	Prabhat Tyres, Kothrud Industrial Estate, Kothrud, Pune	BE Mechanical
3	27/09/2018 & 28/09/2018	PMC's warje Pumping station (WTP), Warje	TE Mechanical
4	21/09/2018	AASK Precision Engineering Pvt. Ltd., Erandwana, Pune	TE Mechanical
5	31/08/2018	Auto. Expo.-2018, Pune.	BE Mechanical



6	23/08/2018 & 24/08/2018	Bhatghar Hydroelectric Power Station, Bhor, Pune.	TE Mechanical
7	07/09/2018 & 08/09/2018	Pune Zilha Sahakari Dudh Utpadak Sangh Ltd. Katraj Dairy, Pune.	SE Mechanical



**Mr. P. D. Bhambure**  
**File Incharge**



**Dr. P. S. Purandare**  
**Head**  
**Department of Mechanical Engineering**

**Marathwada Mitra Mandal's  
COLLEGE OF ENGINEERING, PUNE**  
Accredited with 'A' Grade by NAAC  
Seminar Topic List TE-II – 2018-19 (Sem – II)

Sr. No.	Roll No.	Name of Student	Seminar Topic
1	TC202	ATHAVALE CHINMAYI NITIN	Object Detection as Edge Service using Lightweight CNN.
2	TC203	ATHAVALE MANALI NITIN	Gate automation at Unmanned Railway Crossings
3	TC204	BADE ATHARVA UMESH	Energy Efficient home automation system using Arduino Uno
4	TC205	BARASKAR TEJAS GOKUL	Home automation and smart alert system using raspberry pi
5	TC207	BHAWSAR TANMAY C	Indoor Positioning System using Wi-Fi
6	TC208	BHINGARDE SALONI SANDIP	indoor positioning system using RFID
7	TC209	BOBE AISHWARYA SANJAY	Image Processing And Compression Techniques
8	TC210	CHANDRAS ADITYA ABHAY	Healthcare information using hybrid cryptography
9	TC212	DAREKAR AMEY CHANDRAKANT	Mobile Cloud Computing framework for Healthcare and immunization of Babies
10	TC213	DATE NEHA SANTOSH	Reinforcement Learning in video games
11	TC214	DESHPANDE ADITYA MANISH	indoor positioning system using BLE
12	TC215	DESHPANDE YOGINI KISHOR	Bagging Ensemble method for credit card fraud detection
13	TC216	DHADIWAL SEJAL SUNIL	Attribute-Based Data Encryption in Digital Immunization System
14	TC217	DUBULE NIRANJAN BHASKAR	online dietician web portal
15	TC218	GANU KETKI RAHUL	Indoor Positioning System using ultra wide band
16	TC219	GARUD TANVI MILIND	Object Detection for Autonomous Driving
17	TC220	GITTE SAJELI SURYAKANT	speech recognition
18	TC221	INGALE SAWANI MAKARAND	crop disease detection
19	TC222	INGALE SHIVANI VIKAS	Face Recognition and Emotion Prediction
20	TC223	JADHAV AJAY GANESH	Fire Alarm System Using Raspbery pi 3
21	TC224	JAGTAP RUSHIKESH RAHUL	Spread spectrum image steganography
22	TC225	JANGID JAGDISH HADAMAN	binary search tree based hierararchical placement algorithm for IOT based smart parking application
23	TC226	JINABADE NOHID ABDULROUF	face detection using PCV
24	TC227	JOSHI RUCHI DINESH	A tool for conversion Chatbot
25	TC228	KADAM POOJA BALAVANT	Audio to sign language translation
26	TC229	KAJAWE PRATIK PRAKASH	face detection and recognition
27	TC230	KAPURE SAMIR NITIN	Passwordless user authentication using ECC
28	TC231	KARYAKARTE SUSMITA SURENDRA	Pattern Recognition
29	TC232	KHADSARE ANUP SHAMRAO	Dual randomner LSB method
30	TC233	KHANKALE RACHIT PRAKASH	face feature extraction using CDF analysis
31	TC234	KHARAT DHIRAJKUMAR SUNIL	face detection using Local Binary Pattern
32	TC235	KOPNAR SAGAR BHAGVAT	face detection using Haar cascade
33	TC236	SHUBHAM KOUL	Video framing and preprocessing



34	TC238	KULKARNI ADITYA DATTATRAYA	Analysis of Immunization Results Using Subspace Clustering
35	TC239	KULKARNI AISHWARYA VIJAY	System for Intelligent Tourist Information Using Machine Learning
36	TC240	KULKARNI MAHESH MILIND	CURE Algorithm in Netflix and pizzahut
37	TC241	KULKARNI RUPAK AVINASH	Object detection using Deep learning
38	TC243	KUSMUDE PRANITA SURESH	Chatbot using Gated End-to-End Networks
39	TC244	MANGRULI RAJNIGANDHA ASHOK	facial emotion and expression recognition
40	TC245	MARNE PRAJAKTA RAMESH	Document clustering using BIRCH algorithm
41	TC246	MHALGI SHREYA MILIND	Security in cloud- study of RSA algorithm
42	TC247	MISAL SWAPNIL NAMDEV	Book recomendation based on page rank algorithm
43	TC248	MULAY SAYEE YOGESH	Speech utterance from machine database using natural language generation
44	TC249	MUNOT VIPUL DHIRAJ	Hiding audio behind color image
45	TC250	NIMBALKAR ABHIMANYU DHANANJAY	Hospital emergency ward system
46	TC251	PANSARE PANKAJ MANOHAR	Android application for people with down syndrom
47	TC252	PATEL PARTHAVI RAJESH	Credit card fraud detection using Recurrent Neural Network
48	TC254	PAWAR ANUJA RAMESH	Tensorflow object Detection API
49	TC255	PHADKE RADHIKA ABHAY	Image steganography using QR code
50	TC256	PHULPAGAR PRATHAMESH RAMESH	College branch recommendation system using Apriori Algorithm
51	TC259	RUDRAKSHA SHARDUL VIJAY	Generative adversarial networks (GANs)
52	TC260	SHAIKH ILHAAM HISAMUDDIN	Preference recomendation using CART algorithm
53	TC261	SHEODE MANASI VIVEK	Predicting student performance using C4.5(Algorithm)
54	TC262	SHINDE SHRUTI SHRIRAM	calorie tracking and meal planning for android ios
55	TC263	SHINDE SWITI ADIK	Cloud robotics
56	TC265	SONAWANE MANASI SUDHIR	Hand gesture recognition
57	TC267	SURYAWANSHI NILESH SANJAY	Understanding Human Dialect using Natural Language Understanding
58	TC268	TAKAWALE ISHA SAYAJI	Text to Speech Synthesis using Optical Character Recognition
59	TC269	THAKURDESAI MRUNMAYEE MANDAR	Predictive Chum prevention module
60	TC271	UDGAONKAR NAVANI ATUL	Driver drowsiness detection
61	TC272	WAGHMARE ROHAN PRAKASH	Automatic Speech recognition using HMM for transportation
62	TC274	MAKASHIR CHAITANYA	Early Detection Of Disease Using Machine Learning
63	TC275	KHATPE NARENDRA DHURAJI	Speed-up of object detection neural network with GPU
64	TC276	MORE ADITYA RAJSINH	Real Time Object detection and tracking using deep learning and OpenCV
65	TC277	SAKHARE SOHAM	Image Haze Removal using Image Processing
66	TC278	PANPATIL SWARALI DEEPAK	Raspbery pi based obstacle avoidance system
67	TC279	TILEKAR AKASH	Liscence plate recognition

*Pooja Deshmukh*  
**Seminar Coordinator**  
 Ms. Pooja Deshmukh

*S.M. Chaware*  
**HOD**  
 Dr. S. M. Chaware

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Seminar Topic List TE-I – 2018-19 (Sem – II)**

Sr. No.	Roll No.	Name of Student	Seminar Topic
1	TC101	AGHORKER PRERANA UDAY	Tour recommender system
2	TC102	AHIRRAO ADITYA SHARAD	Actions on Google
3	TC103	BANKAR PRADNYA VINAYAK	GPS based smart Parking System
4	TC105	BHAGWAT ADITYA SAGAR	Stock Analysis using recommender System
5	TC107	BIRAJDAR SHRADDHA SHIVAJI	Chatbot application for tourist using Dialogue Generation
6	TC108	CHAUDHARI AKSHADA BAPUSAHEB	Intelligent speed adaptation
7	TC109	DERE PRAMILA RAJENDRA	Location awareness for bus tracking system
8	TC110	DESAI PRANALI SAINATH	Canny edge detection using image processing
9	TC111	DESHPANDE SWAPNIL SUKANT	Digital image using Countour Image Processing
10	TC112	DHARADHAR APOORVA AJAY	Using Fuzzy Logic for Fraud App detection
11	TC113	DHEKNE ANUSHKA AJAY	Predicting Depression Levels using social media posts
12	TC114	DURGUDE ANKITA ANIL	Privacy driven Pervasive Computing
13	TC115	GHARE PRIYANKA MAHENDRA	Credit Card Fraud Detection Techniques
14	TC116	GOKHALE TANMAY UDAY	Movie recommender system and cold start problem
15	TC118	HELASKAR ADITI PRAVIN	Feed-forward neural network
16	TC119	JAIWAL RAHI SANJAY	GSM based Vehical thret control system
17	TC120	KADAM PRAVIN VASUDEV	Convolutional Neural Network
18	TC121	KALE SANKET PRAKASH	Transfer Learning on YOLO
19	TC122	KALGUTKAR ROHAN JAYESH	GPU Vs CPU computation for image processing
20	TC123	KAMBLE NAVNATH MACHINDRANATH	Hotel Recommender System
21	TC124	KANERI SOURABH RAVINDRA	IoT based security watchman
22	TC125	KATHAR ABHAY BABURAO	Movie recommender system
23	TC127	KHANDEKAR AVANEESH ATUL	Classification using ANN
24	TC128	KHANVILKAR CHAITRALI SHEKHAR	Reeds-Shepp curve algorithm path generation
25	TC129	KHEDEKAR TANMAYI DINESH	Arduino based smart parking system
26	TC130	KHISTE RADHIKA MAKARAND	An aid for blind & impaired using OCR
27	TC131	KHUTAFAL SALONI RAJENDRA	collaborative filtering recommender system
28	TC132	KSHIRSAGAR NEHA SANJAY	Graphical Password Authentication:Recognition technique
29	TC133	KULKARNI GAURAV RAVINDRA	Fingerprint scanner using arduino for attendance management system
30	TC134	KULKARNI PRANAV CHETANA	Vehicle Detection and Counting
31	TC135	KULKARNI SHOUNAK UDAY	potholes detection using machine learning
32	TC136	KULKARNI SHREERAM VIVEK	Database administration for storage and conversion of temperature
33	TC137	LAGHATE KAMLESH ARAVIND	Data mining for marketing using linear regression technique

34	TC138	LAGHATE KOMAL ARAVIND	Sports team prediction using naive bayes technique
35	TC139	LAL KUMAR SANU NAVIN	Comparative analysis of encryption algorithms
36	TC140	LANDGE KIRAN SAMBHARAO	Intelligent Parking System using Cloud Computing
37	TC141	LANKE SIDDHI JAYANT	Passport verification using OCR
38	TC142	MAGAR RISHABH JAYWANT	Q Learning Machine Learning Algorithm
39	TC143	MAGAR SONY ANKUSH	Cost and Passenger Prediction System
40	TC144	MAHADAR OMKAR ANIL	ID verification, document verification and signature verification using OCR
41	TC145	MAHADIK JANHAVI ANIL	Graphical Password Authentication:Pure Recall based Technique.
42	TC146	MAHALLE SAMIKSHA VIJAY	Graphical password authentication: image pass technique.
43	TC147	MANGADE SHREYA AJIT	Chatbot Application Using Pattern Matching
44	TC148	MEMANE ROHAN ANIL	Behavioral analysis using linear regression
45	TC149	PACHPUTE MAHESHWARI DATTATRAYA	Graphical Password Authentication:Cued recall and Pair password char technique.
46	TC150	PADALKAR ISHAN DEVENDRA	Reinforcement Learning for application in smart traffic Light
47	TC151	PATIL SUTEJA BHIMASHANKAR	Face Recognition using Eigen faces
48	TC152	PENDHARKAR SUKRUT ANAND	Detection and classification of Vehicles for smart traffic
49	TC153	PHATAK MIHIR ATUL	Face Recognition in Daily Attendance Systems
50	TC154	PRABHUNE OMKAR SAMEER	Phishing detection using machine learning
51	TC155	RAJPUT DIVYA RAJESH	Chatbot application for tourist using Natural Language Processing
52	TC157	RATHOD HEMANT SHESHRAOJI	Avoiding the obstacles using ultrasonic sensors.
53	TC158	RAUT SURAJ RAVINDRA	New Aggregation using Really Simple Syndication (RSS) feed
54	TC159	ROKDE ARNAV VIJAY	Hybrid recommendation system for digital library
55	TC161	SHAHANE KAJAL RAMESH	DNA synthesis to identify likelihood of disease using deep learning
56	TC162	SHEDGE PRATIKSHA DHANAJI	Android Application for healthcare
57	TC164	SHEWALKAR VISHAKH HEMANT	Using shortest path algorithm to reach the destination
58	TC166	SHITOLE RUTUJA DNYANDEO	Data preprocessing and data analyzing in machine learning
59	TC167	TAHASILDAR SHREEYA ASHOK	Face recognition-based real-time system for surveillance
60	TC168	TAMBOLKAR SHREEYA VIJAY	Image Segmentation for medical images.
61	TC169	THIGALE SHUBHAM SANJAY	GPS Getting inputs, finding and locating the co-ordinates.
62	TC170	TONDE SAKSHI DATTU	Retrieval of Heterogenous data of patient using Machine Learning
63	TC171	VAIDYA SHRUTI SANTOSH	home automation by making smart door system using raspberry pi
64	TC172	WARTIKAR VEDANG PRASAD	Artificial Neural Networks in Face recognition
65	TC173	YAWATKAR SIDDHARTH SHREEKANT	Feature Extraction and Classification( Object Identification)
66	TC176	SHASHANK SHIVAJIRAO RAJURKAR	Virtual Private Network Safety
67	TC177	SUPRIYA PRAKASH MAHAJAN	Video surveillance system based on Cloud Storage
68	TC179	PRAJAKTA KHAIRNAR	online food court payment system using block chain technique

69	TC180	RASHMI JAUNJAL	Online Airline reservation System
70	TC181	BHAGYASHREE VIJAY INGAVALE	Opinion mining on food court review
71	TC182	AISHWARYA SUNIL GUPTA	Multi Factor Authentication for netbanking

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*P. M. Chaware*  
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Department of Information Technology

Academic Year 2018-19 Sem -II

Project Based Seminar

Group No.	Sr. No.	Roll No.	Name	Seminar Title	Guide and Co-Guide
1	1	TI 43	Smita Pasalkar	Fake News detection using Naive Bayes Algorithm	Mrs. R.M . Bhattad
	2	TI44	Pratiksha Kambar	Fake News detection using Support Vector Machine Algorithm	
	3	TI45	Radha Kulkarni	Fake News detection using N-Gram model	
2	4	TI21	Tanmayee Kulkarni	Prevention of ransomware using honeypot technique	Mrs. P.S. Joshi
	5	TI26	Pratima Morajkar	User Behaviour Analysis to analyze User's interest	
	6	TI32	Tejas Pendharkar	Backup and restore using user authentication	
	7	TI37	Sayali Teli	Detection of Ransomware using machine learning algorithm	
3	8	TI40	Anjali Wankhede	Speech Emotion Recognition by using MFCC and LSTM-RNN Networks	Mrs. P.S. Joshi Co-Guide: Mr. J.R. Chavan
	9	TI13	Omkar Gokhale	Emotion detection using Text by Ensemble Method	
	10	TI11	Akansha Gadikar	Speech to Text Conversion and Translation for emotion prediction.	
	11	TI39	Subodh Wagh	Speech Emotion Recognition using SVM ,CART and GMM.	
4	12	TI61	Yash Jawalkar	Smartphone-Based Guiding System for visually impaired people	Mrs. R.M . Bhattad
	13	TI04	Biradar Sachin	Virtual assistance for visually impaired persons	
	14	TI55	Anshul Jadhav	A wearable device for visually impaired children	
	15	TI29	Omkar pardeshi	Machine Learning based E-book Reader	
5	16	TI20	Varsha Kirve	A Data-Driven approach for furniture and indoor scene colorization	Ms. P.R. Kuche
	17	TI14	Vrushali Gore	Colorization Using Parallel Image	
	18	TI25	Vaibhav Mane	Grayscale Image colorization using neural network	
	19	TI31	Shubham Patil	Sketch Colorization in Two Stages	

6	20	TI62	Rucha Kadam	sound localization in smart door system for home automation	Ms. Shital Kakad
	21	TI59	Pratiksha Deshpande	Iris Recognition in smart door system for home automation	
	22	TI57	Rushabh Lalwani	Face Detection and Recognition using eigen faces and length mapping	
	23	TI50	Shruti Karde	3D Face Reconstruction in smart door system for home automation	
7	24	TI02	Raj Balsekar	Handwritten Signature Verification Using Pixel Matching Technique	Mr. S. S. Shinde
	25	TI15	Rashi Gundapwar	Image Processing Based Signature Verification Technique to Reduce Fraud in Financial Institutions	
	26	TI10	Manasi Desai	Offline Signature Verification Using Curve Fitting Algorithm with Neural Algorithms	
	27	TI30	Aditi Parekh	Artificial Intelligence Based Bank Cheque Signature Verification System	
8	28	TI56	Shreyas Malavade	Detection and trackin moving objects in Aerospace	Mr. S.S. Gonge
	29	TI08	Vinay Dasalkar	Tracking And Detection In Public Transport Using Lo-Ra WAN	
	30	TI34	Pradip Shelke	Dynamic estimation technique for sparse representation and rank by object tracking system	
	31	TI70	Karan Rajurkar	Analysis of Multi-Inertial Sensing data in real time object tracking system	
9	32	TI52	Mrunalini Temgire	Traffic sign detectioin using video integration	Dr. V.S. Bidve Co-Guide: Mr. P.B. Kamble
	33	TI51	Bhakti Toraskar	Traffic sign detectioin using training dataset and voice alert	
	34	TI66	Anula Bhole	Traffic sign detectioin using red object extraction and template matching	
	35	TI38	Sneha Wagh	Traffic sign detectioin using object extraction and morphological operations	
10	36	TI03	Kruttika Bhagwat	Machine learning and artificial neural networks	Dr. V.S. Bidve
	37	TI60	Karishma Suryawanshi	Machine learning and Recurrence neural netwroks	
	38	TI75	Kalyani Pathak	Machine learning and Convolutuonal neiral networks	
	39	TI78	Akash Sambhudas	Machine learning and Feed forward neural networks	
11	40	TI63	Prathmesh Dhumal	Smart phone based fall detection and resuce application	Mr. J.R. Chavan
	41	TI53	Roshan Shinde	Fall detection system using wearable device	
	42	TI18	Ajinkya Karanjkar	Fall detection using scene analysis and machine learning	
	43	TI54	Chetan Chhajed		
12	44	TI33	Niharika Sadul	Automatic highlight generation in soccer matches using OCR model	Mr. N.S. Dhavse
	45	TI07	Salil Chincholikar	Predicting Outcome of Football Matches	
	46	TI65	Parth Thakkar	Predicting spectators and TV ratings from Facebook data	
	47	TI01	Ashutosh Amrutkar	Evaluating player performance from facebook data	



13	48	TI46	Shounak pawar	Blockchain based Proof of Delivery System	Mr. S. S. Shinde
	49	TI77	Krutarth Rasal	Blockchain based ID as a service	
	50	TI16	Harsh Joglekar	Generalized Blockchain Recordkeeping Solutions	
14	51	TI09	Rushikesh Dawane	Design of drowsiness, Heart beat detection system and Alertness for driver safety	Ms. P.R. Kuche
	52	TI05	Sameer Bobde	Feasibility study to deploy Airbags at night using visual Sensor	
	53	TI64	Mayur Jagtap	Facial Image Processing For Sleepiness Estimation	
	54	TI19	Om Karve	Smartphone-based Drowsiness detection and warning system for Automotive Driver	
15	55	TI79	Trupti Kandekar	Malware detection using file features in data mining	Mr. N.S. Dhavse
	56	TI71	Bhagyashree Padrat	Malware detection using text mining	
	57	TI73	Megha Gaikwad	Malware detection using SVM algorithm	
	58	TI69	Ddhaval Dighe	Malware detection using graph mining	
16	59	TI22	Tejas Kulkarni	Object detection using YOLO algorithm	Mr. S.S. Gonge
	60	TI17	Anurag Joshi	Video based staircase detection	
	61	TI47	Kratik Nagar	Object detection and positioning	
	62	TI41	Swapnil Pakhare	Wearable Navigation & Path Detection-Image Processing	
17	63	TI12	Shivani Gautum	Dynamic routing for finding shortest path using ACO & GA	Ms. S.A. Kakad
	64	TI68	Milind Deshpande	Wireless Dustbin Monitoring Using Arduino	
	65	TI36	Swati Suman	Construction of Decision Tree Using Shortest Path Methods	
	66	TI76	Harshad Zavar	Communication Between IOT Devices & mobile application using cloud services	
18	67	TI80	Harshal Netkar	Emotion recognition	Mr. P.B. Kamble
	70	TI67	Pooja Moholkar	Text mining for selection of best teacher from student review	

Mrs. P.S. Joshi  
Seminar Coordinator

Dr. V.S. Bidve  
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**Department of Information Technology**

Date: 15/2/2019

## NOTICE


All Third year students are informed that Seminar Review -1 is scheduled on 2<sup>nd</sup> March 2019. Seminar will start at 9am sharp, all groups members must be present well before time.

- Firstly group will brief about project
- Presentation should be prepared by each student for their particular seminar topic

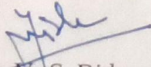
Evaluation will be based on

- Relevance of topic
- Relevance + depth of literature reviewed
- Presentation Slides
- Communication Skills
- Question and Answers

**Note:** Dress code uniform or strictly formal

  
Mrs. P.S. Joshi  
Seminar Coordinator



  
Dr. V. S. Bidave  
HOD, IT

**Head**  
**Information Technology**  
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Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**T.E. Seminar & Guide List**  
**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
1	Dr. V. R. Deulgaonkar	TMA101	T150450801	ABHINEEL KRUPAN	Kinetic Energy Recovery System	
		TMA102	T150450806	AWATE NEHA SANJAY	Aerostatic Bearings	
		TMA103	T150450807	BACHHAV TUSHAR NITIN	Automatic Water Tap Control System	
		TMA104	T150450808	BADERAO APEKSHA ASHOK	Pneumatic Tyres	
		TMA105	T150450809	BANSODE RUSHIKESH SUBHASH	Solar Powered Vapour Absorption Refrigeration System	
		TMA106	T150450810	BENDURE SAHIL ANKUSH	Wave Springs	
		TMA107	T150450811	BHALERAO PRIYANKA RAHUL	Rapid Prototyping	
		TMA108	T150450813	BHOSALE ANIKET SANJAY	Clap Switching	
		TMA109	T150450816	BHUJANG SANKET MADHAV	Electromagnetic Clutch	
		TMA110	T150450820	BORKAR ATHARVA SHASHIKANT	Design & development of Smart Room to save electricity	
		TMA111	T150450821	BULAKH AMEYA SANJAY	Magnetic Bearing	
2	Prof. S. R. Dhok	TMA113	T150450828	CHOPADE SHAILENDRA SUBHASH	Tapole Triangle & Advancement in its steering system	
		TMA114	T150450829	DABHADE ASHISH RAJESH	Control & modeling of Electromagnetic braking	
		TMA115	T150450830	DATAR AMOGH VISHWAS	Automatic Emergency Braking System	
		TMA116	T150450833	DESHMUKH AKSHAYKUMAR H	Rocker Bogie Mechanicm	
		TMA117	T150450834	DESHMUKH CHINMAY SANJAY	Electromagnetic Rail Gun	
		TMA118	T150450992	SHIVANI DEEPAK DESHMUKH	Design & Analysis of robust Catalytic Converter	
		TMA119	T150450835	DESHMUKH SHRIRANG ANILRAO	Magnetic Refrigeration	
		TMA120	T150450836	DESHPANDE GAUTAMI HEMANT	Tacking of Cold start problem in Car-con	
		TMA121	T150450838	DEWASTHALE ADITYA MUKUL	Digital Twin Spark Ignition System	
		TMA122	T150450844	DIXIT MAHESH ANANTA	LPG Refrigerator	
		TMA123	T150450854	GAJGHATE ONKAR SHAM	Car Spoiler	
		TMA124	T150450855	GANDHI SAURABH SANJAY	Geothermal Air Conditioning	

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Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
3	Prof. S. N. Belsare	TMA125	T150450965	PRAVIN RAMCHANDRA GHODAKE	Paper Battery	
		TMA126	T150450858	GHUTE SAGAR BHAUSAHEB	Production of H <sub>2</sub> gas by Electrolyssi Process	
		TMA128	T150450862	GUPTE ROHIT HIMANSHU	Piezo Electric Generator	
		TMA133	T150450867	INGOLIKAR NUPOOR MANOJ	Design of Eperiments by using Taguchi Method	
		TMA135	T150450872	JAGTAP ATHARV SANJAY	RULA-Driver Posture Analysis of ATV Vehicle	
		TMA136	T150450882	KADAM SANKET PRAKASH	Pneumatic Exoskeleton	
		TMA138	T150450942	NIKAM INDRAJEET UDAY	Ecofriendly Palstic Fuel	
		TMA139	T150450893	KATORE ROHAN SANJAY	Electromagnetic Suspension System	
		TMA141	T150450904	KULKARNI CHINMAY MUKUND	Design and Analysis of ATV Gearbox	
		TMA142	T150450905	KULKARNI HARSHAL MANGESH	Types of encoder used for Position Control	
		TMA144	T150450920	MAMIDWAR SHREYES PRASHANT	Pneumatic Control Systems	
		TMA145	T150450921	MANE ADITYA MAHESH	Electrical Discharge Machining	
4	Prof. H. C. Pisal	TMA146	T150450923	MANE AKSHAY SURESH	Automatic Water Supply System	
		TMA147	T150450932	MYAKAL SHRIDHAR KRISHNA	Velocity control using encoders	
		TMA151	T150450991	SHIRODKAR AKASH MANOJ	Friction Stir Welding	
		TMA152	T150450902	KULKARNI AMEY MILIND	Dual Extrusion Homogeneous 3D Printing	
		TMA153	T150450934	NAIK SHREYAS SUYOG	Design of Venturi for KTM 390	
		TMA154	T150450850	GADIA AKSHAY RAHUL	Underwater Turbines	
		TMA155	T150450853	GAJARE SANDESH RAMDAS	Design & Analysis of Vertical Axis Wind Turbine	
		TMA156	T150450845	DIXIT PRATIK ANIL	Biodiesel Emission Effect	
		TMA157	T150450823	CHAVAN NEHA PRAKASH	Solar Powered Vapour Absorption System	
		TMA158	T150450916	LIMAYE HIMANI MAHESH	CFD Analysis of High Pressure Steam Turbine Blades	
		TMA159	T150450899	KOKARE VAIBHAV ANIL	Light Fidelity Technology	

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**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
5	Prof. S. G. Kale	TMA160	T150450996	SUKANYA SUDHIR BHALWANKAR	Leakage Control in Mechanical System	
		TMA161	T150450818	BHUSHAN SHRIKANT JOSHI	Study on Control charts for variables	
		TMA162	T150450804	APCHUNDAKAR POONAM DAGADI	Sugarcane Harvester	
		TMA163	T150450888	KAMBLE SANKET VIJAY	Magnetic Levitation Train	
		TMA164	T150450868	INGULE PRANALI NARENDRA	Vibration Analysis	
		TMA165	T150450857	GAZI UZAIR MAJEED	Airless Tyres	
		TMA166	T150450922	MANE AKSHAY SHIVAJI	Automated Storage & Retrieval System	
		TMA167	T150450927	MOHITE RITUJA SAMBHAJI	Smart system in Electric vehicle to remove customer anxiety	
		TMA168	T150450926	MISAL DIPAK SHAHADEV	Atmospheric Water Generator	
		TMA169	T150450881	KADAM RUTIKA RAHUL	Ultrasonic Car Breaking System	
		TMA170	T150451004	TOKE SWAPNITA MUKUNDA	Solar Power Tower	
6	Prof. A. B. Gholap	TMA171	T150450953	PATIL ADITYA NITIN	River Garbage Collection using Pedal Boat	
		TMA172	T150450925	MARATHE KUNAL BALKRUSHNA	Plastic Crushing Machine	
		TMA173	T150450912	KUMAWAT SHRINIKETAN MOHAN	Design of Hydraulic Jack	
		TMA174	T150450919	MAKAR SAURABH SUNIL	Automatic Side Stand Retrieve System	
		TMA175	T150450861	GUNDU ANEESH RAJESH	Grain Collecting Machine	
		TMA176	T150450865	HINGANE VIKRAM ARJUN	Use of waste plastic in concrete paver	
		TMA177	T150450986	SAYYAD NAZERPASHA NAYYARPASHA	Aircraft Icing	
		TMA178	T150451018	INGLE YOGESH DIGAMBAR	Double Wishbone Suspension	
		TMA179	T150450826	CHIKHALE RUTUJA RAJENDRA	Shape Memory Alloy	
		TMA180	T150450802	AHIRE PRATIK SURESH	Hydrogen Fuel Cell Vehicle	
		TMA181	T150451016	BARGE SWAPNIL RANGRAO	Heating load calculation for Multiplex	

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Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
7	Prof. G. R. Chaudhari	TMB201	T150450935	NARAWADE PRATIK DADABHAU	4WS Mechanism using DPDT Switch	
		TMB203	T150450938	NEMADE VIRENDRA SACHINDRA	Solar Refrigeration	
		TMB204	T150450940	NEVSE VIPUL RAMDAS	Solar Chimney for ventilation	
		TMB205	T150450941	NEWASE SAURABH BALASAHEB	Fully Automated Grass Cutter	
		TMB206	T150450889	KANDHARE NIKHIL RAJU	Solar Chimney with phase change material	
		TMB207	T150450948	PALVE DNYANESHWAR BHAGWAN	Alternate refrigerants & refrigeration piping	
		TMB208	T150450949	PARATWAR RAJ NAVIN	Design & Analysis of an exoskeleton chair	
		TMB209	T150450950	PARDESHI MOHNISH KISHOR	Taper roller bearing fault detection using vibration analysis	
		TMB211	T150450952	PATHARE SHUBHAM SHIVAJI	Gravity Light	
		TMB213	T150450955	PATIL RUTUVIK MAHESH	Thrust Bearing fault detection using vibration analysis	
		TMB214	T150450956	PATIL RUTWIK RAVINDRA	Underwater Power Mill	
8	Dr. P. K. Katare	TMB216	T150450958	PAWAR ROHIT BHARAT	I35 Technology	
		TMB218	T150450962	PHARATE MAKARAND VIJAY	Industrial Application of 3D Printing Technology	
		TMB220	T150450966	PURI PRASHANT MAHADEV	DTS-I Technology	
		TMB221	T150450969	RANE PRAGATI ANIL	Kotuv Water Purifier with cooling effect using Pellet Plate	
		TMB222	T150450973	ROPALEKAR AKASH AJAY	Study of VMC	
		TMB223	T150450975	SAHASKRABUDHE SIDDHARTH SANDEEP	Comparative study of engine driven & Hybrid Vehicle	
		TMB224	T150450976	SAIGAL JATIN KIRAN	Case Study of Delta 3D Printer	
		TMB226	T150450980	SATHAYE SHREYA PARAG	Composite Material in Aerospace Application	
		TMB227	T150450982	SATHE VISHWESH ABHAY	Biogas Fuel Engine	

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**T.E. Seminar & Guide List**  
**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
9	Prof. A. D. Desale	TMB229	T150450988	SHINDE ASHUTOSH ABHAY	Development of 6 Cylinder Gasoline Engine	
		TMB230	T150450990	SHIRALKAR ADWAIT AJIT	Feasibility & Design of Electromagnetic Suspension	
		TMB233	T150450997	SURKUNDE ADAKSHA BHATISAHEB	Study of refrigeration system using R1234yf	
		TMB234	T150450995	SUHRID ANIL SURVE	Split Cycle Engine	
		TMB235	T150451000	SUTAR VIVEK CHANDRAKANT	Design & Development of Priquetting machine based on carbonized cashewnut shell & rise husk	
		TMB237	T150451003	THUSE SHAUNAK SHRIPAD	Solar Cooling	
		TMB238	T150451008	UPADHYE SUMIT PRAMOD	Vibrational Analysis of two wheeler siliencer	
		TMB239	T150451011	WAGH ATHARVA UDDHAV	Ventilated Aitomotive Seats	
		TMB240	T150451013	WAGLE DNYANESH DIPAK	Variable Compression Ration Engine	
		TMB242	T150450911	KUMATHEKAR AYUSH RAJESH	Engine Downsizing	
		TMB243	T150450814	BHOSALE SHIVANI DHANANJAY	Metal Cutting by using CO2 Laser	
10	Dr. V. W. Bhatkar	TMB244	T150450918	MAHAJAN ASHUTOSH PRAMOD	Pulse Tube Refrigeration	
		TMB246	T150450974	SAHASKABUDHE SAMEEHAN SHIRISH	Magnetic Refrigeration	
		TMB247	T150450849	FERNANDES SHERLY SALU	Steam Jet Refrigeration System	
		TMB248	T150450824	CHAVAN ROHAN CHANDRAKANT	Vortex Tube Refrigeration	
		TMB250	T150450805	ASHUTOSH GUNVANIKRAO MASLIKAR	Design & Development of Thermoelectric Refrigerator	
		TMB252	T150450933	NAGARE PRASHANT ANNA	Fuel Economiser	
		TMB253	T150450944	NITNAWARE SANKET BALASAHEB	Study of sutomobile exhaust system	
		TMB254	T150450945	OTARI SAIPRASAD RAJENDRA	Thermoacoustic Refrigeration	
		TMB255	T150450957	PATIL SHIVRAJ RAMAKANT	Vortex Tube	
		TMB256	T150450964	POWAR AKSHAY BALU	Advancement Steering System	
		TMB257	T150450961	PAWAR SIDDHARTH SANDEEP	Regenerative Braking System	

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**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
11	Prof. R. S. Yadav	TMB258	T150450972	ROKADE ONKAR SUBHASH	Stealth Technology	
		TMB259	T150450971	RAUNDALE KAVITA VIJAY	Air Powered Engine	
		TMB260	T150450985	SAWANT SAURABH SUDHIR	Robotic Arc Welding	
		TMB261	T150450979	SARWADE LUMINI DIPAK	Engine Frictional Losses & Engine Lubrication System	
		TMB262	T150450984	SAWANT DIGVIJAY DILIP	Design & Analysis of Double wishbone Suspension System	
		TMB263	T150450978	SALVE PRITHVI ASHOK	Exhaust Gas Recirculation	
		TMB264	T150450999	SURYAWANSHI PIYUSH MADHUSUDAN	Solar Collector System	
		TMB265	T150451002	TAYADE SANDIP SHRIKRUSHNA	Tricycle Oriented Machine	
		TMB266	T150450827	CHOPADE RAHUL ANURUDRA	Hydraulic Hybrid Vehicle	
		TMB267	T150450856	GAYAKWAD SHANTANU UDAY	Coal Gasification	
		TMB268	T150450947	PAGNIS ABHISHEK MANISH	Eddy Current Braking System	
12	Dr. R. J. Yadav	TMB269	T150450968	RAM SHUBHAMKUMAR C	Thermal Energy Storage using phase change materials	
		TMB270	T150450870	JADHAV SHUBHAM DADASAHEB	Cyborgs & Cybernetics	
		TMB272	T150450917	LOKHANDE SHUBHAM SHIVAJI	Photovoltaic Solar Collector	
		TMB273	T150450939	NENE RAHUL SANJAY	Design of Conveyor Belt for Beach Cleaning Vehicle	
		TMB274	T150450931	MULANI SAIF GULAB	Roof Drainage System	
		TMB275	T150450936	NAZIRKAR AKSHAY AVINASH	Safety Rolling Barrier	
		TMB276	T150451021	VITKAR PRASHANT SHIVAJI	Compressed Air Production using vehicle Suspension	
		TMB277	T150450892	KARANDIKAR SANKET SUBHASH	Design of Chasis of Beach Cleaning Robot	
		TMB280	T150451009	WADE SHANTANU CHANDRAKANT	Manufacturing of Ethanol	



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**COLLEGE OF ENGINEERING**  
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**T.E. Seminar & Guide List**  
**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
13	Prof. R. P. Tadakhe	TMC301	T150450812	BHANSALI RASHMI RAJESH	3D Luitoprinting	
		TMC302	T150450819	BHUTADA SAKSHI RAJESH	Magneto-rheological fluid & its application in braking	
		TMC303	T150450822	CHAUDHARY SIDDHANT TUSHAR	Fuel economiser to reduce fuel consumption	
		TMC305	T150450831	DESAI ANIKET MAHADEO	Agricultural Drone	
		TMC306	T150450839	DHANAWADE SIDDHANT SANDEEP	Air Circulation Ducts	
		TMC307	T150450840	DHAVAL ABHIJEET DASHRATH	Study of Microturbine	
		TMC308	T150450843	DIVATE SHUBHAM DADARAM	Use of Oxy-hydrogen gas in IC Engine	
		TMC309	T150450846	DIXIT RUSHIKESH DHANANJAY	Air Bearing	
		TMC311	T150450852	GAIKWAD SWAROOP RAJENDRA	Hybrid Solar Desiccant Cooling System	
		TMC312	T150450859	GORANE DIPAK NILESH	Cooling System for Electric Vehicle	
		TMC313	T150450869	JADHAV BALAJI SHAHAJI	Infrared Thermography	
		TMC315	T150450874	JAWALE PRASAD VIDYADHAR	Case Study of Flying Wind Mills	
14	Prof. S. S. Raut	TMC316	T150450875	JOSHI KETAN JEEVANRAO	Can Crusher using Scotch Yoke Mechanism	
		TMC317	T150450878	JOSHI SANKET DNYANESHWAR	Sensotronic Brake Control System	
		TMC318	T150450891	KARADKAR AKSHAY MAHADEV	Gyroscope	
		TMC319	T150450903	KULKARNI ATHARV DHIRAJ	Maglev Train	
		TMC320	T150450906	KULKARNI OMKAR VISHWESH	Automotive Seat Comfort & discomfort	
		TMC321	T150450908	KULKARNI PRANAV VINAY	Tool wear & prevention	
		TMC322	T150450909	KULKARNI SANKET MUKUND	Air Compressed Vehicle	
		TMC323	T150450910	KULKARNI YOGESH RAVINDRA	Geothermal Heating & Cooling System	
		TMC324	T150450913	LABHSHETWAR SAMIRAN BALAJI	Laser Range Finder in Self driving car using LIDAR	
		TMC325	T150450914	LAMTURE ADITYA SHIVLING	Autonomous Car	
		TMC326	T150450915	LANDAGE VIJAY SUNIL	Hybrid Electric Vehicle	
		TMC327	T150450928	MORE KAUSHIK PUNDLIK	Aqua Silencer	

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**COLLEGE OF ENGINEERING**  
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**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
15	Prof. P. K. Tamkhade	TMC328	T150450946	PAGIRE MANSING MURLIDHAR	Gasoline Direct Injection	
		TMC329	T150450954	PATIL ASHISH SOPAN	Laser Cooling & Trapping	
		TMC330	T150450963	POLE MANTHAN MAHENDRA	Magnetic Refrigeration	
		TMC334	T150450987	SHINDE ABHISHEK DILIP	Auto Pilot Mode Technology in Vehicle	
		TMC335	T150450993	SOMITAV GOSWAMI	Alloy Wheels	
		TMC336	T150451006	UDTEWAR VISHAL SHIVAJI	Night Vision Technology	
		TMC337	T150451007	UGE SAGAR MOHAN	Collapsible Steering System	
		TMC339	T150450960	PAWAR SHALAKA KHANDU	Performance of Heat Exchanger in automobile	
		TMC341	T150450815	BHOYANE SANKET SACHIN	Automobile Air Conditioning System	
		TMC342	T150450890	KANKAL AISHWARYA ANIL	Self Driving Car	
		TMC345	T150450924	MANKAR SAMIDHA VIJAY	HY Wire Car	
TMC346	T150450989	SHINDE VIRAJ ANIL	Solar Grass Cutter			
16	Prof. M. V. Kawade	TMC348	T150450803	AJETRAO HARSHAL TANAJI	Cylinder Deactivation	
		TMC349	T150450847	DUBBEWAR ASHITOSH SHIVSHANKAR	Stirling Engine	
		TMC350	T150450837	DEVYANI BHAU DABHEKAR	Solar Tracking System	
		TMC351	T150450863	GURAV ATHARVA LALIT	LiDAR used for 3D Printing	
		TMC352	T150450877	JOSHI RUTUVED RAVI	Piezo Electricity	
		TMC353	T150450886	KAMBLE AJAY AAKARAM	Shielded Metal Arc Welding	
		TMC354	T150450898	KOKARE BALWANT DHANAJI	Infrared Thermography	
		TMC355	T150450884	KAKDE POOJA ANIRUDDHA	Wear analysis of IC Engine Cylinder Liner	
		TMC356	T150450879	KADAM BHASKAR LAXMANRAO	Wireless Power Transmission via Solar Power Satellite	
		TMC358	T150450887	KAMBLE POURNIMA MANIK	Turbo Combustion Green Engine	
		TMC359	T150450901	KOTHA VADE AKASH DINESH	Laser Ignition for IC Engine	
TMC360	T150450900	KOLAPKAR SWAMINI SANJAY	Oil Cooling in IC Engine			

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**COLLEGE OF ENGINEERING**  
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**Department of Mechanical Engineering**  
**T.E. Seminar & Guide List**  
**A.Y. 2018-19 Sem II**

Sr. No.	Name of Guide	Roll. No.	Exam Seat Number	Name of Students	Seminar Topic	Remark
17	Prof. R. U. Patil	TMC361	T150450983	SAUDAGAR BHAGVAT NABDE	Autonomous Car for Survilence	
		TMC362	T150450943	NIRANTAR MANDAR YASHVANT	Electromagnetic Suspension System	
		TMC363	T150450929	MRUDUL RAJENDRA SOLAO	Aeroacoustics in flight vehicle	
		TMC364	T150450981	SATHE OM KARAN	Frictionless Compressor	
		TMC365	T150451012	WAGH YOGESH SHANKAR	Net zero Energy Building	
		TMC366	T150451014	YEWALE NITYANAND OMPRAKASH	Advances & development in Bio-Mechatronics	
		TMC367	T150450864	HANUMANTE JAYSURYA UTTAM	Ultrasonic Welding	
		TMC368	T150450832	DESALE JAGDISH HIMMATRAO RAKHONDE SHAILESH	Hyper loop The future of transpotation	
		TMC369	T150450967	DNYANESHWAR	Scroll Compressor	
		TMC370	T150450842	DIVATE MAYURI RAMDAS	Homogeneous Charge Compression Ignition Engine	
		TMC371	T150450841	DHULAM SHREYASH GANESH	Automobile Air Conditioning System	
TMC372	T150451015	ZOPE LALIT LILADHAR JOSHI NILANJAN	Wireless Power Transmission			
18	Prof. Ms. M. C. Rajeshirke	TMC373	T150450876	PRASANNARAGHAV	Automatic Handbrake System	
		TMC374	T150450873	JAVALE PEEYUSH ARVIND	Graphene & its application	
		TMC375	T150450851	GAIKWAD MAYUR SOMNATH	Loop Heat Pipe	
		TMC377	T150450907	KULKARNI PRANAV SACHIN	Stirling Engine coupled with Solar Dish Collector	
		TMC378	T150450897	KHEDKAR SAMEER PRAFULLA	Radar Technology	
		TMC379	T150450896	KHANDARE PRAJWAL PRATAP	Water Jet Cutting	
		TMC380	T150451020	PHATAK SHUBHAM GURUDAS	Solar Power Tower	
		TMC381	T150450895	KENE CHINMAY ADESH	Molecular Motors	
		TMC382	T150451005	TUPE SIDDHARTH DNYANESHWAR	Solar Cooking System	
		TMC383	T150450860	GOSAVI SONAL SUSHILKUMAR	Floating Wind Mills	
		TMC384	T150450871	JADHAV SURAJ SHAHAJI	Laser Cutting	
		TMC385	T150450937	NEMADE JAYDIP JITENDRA	Mechanical Storage Systems	
			T150451017	DHUMAL SHREYAS PRADEEP	Solar Photovoltaic Thermal Cleector	



TE Seminar Coordinator  
Dept. of Mechanical Engg.



HOD  
Dept. of Mechanical Engg.

**Format for B.E. Project Work Stage-I (410248) 2015 Course Examination- Nov/Dec 2018**

College Name with College Code: 4045

Name of The Department: Computer Engineering Department

Name of the HoD: Dr. Sandeep M. Chaware

Contact Number: 7738005902

Email Address: sandeepchaware@mmcoe.edu.in

Name of The Project Co-ordinator: Ms. Shubhada Mone, Ms. Sarita Sapkal

Contact Number: 9823598389, 8149439799

Email Address: shubhadamone@mmcoe.edu.in, saritasapkal@mmcoe.edu.in

Group No	Exam Seat No	Title of The Project	Domain of The Project	Project Type (Industry Sponsored/ Entrepreneur/ Internal Project) If Sponsored Mention Company Name)	Name of Internal Examiner/Guide (With Minimum 5 Years of Experience)	Qualification of Guide	Approved, if Yes provide Approval No	Experience in Years
1	B150454285	Smart Traffic Control System	IoT	Internal Project	Dr. Sandeep Chaware	PhD	CCO/1496	23
	B150454294							
	B150454226							
	B150454304							
2	B150454280	Analysis of Unstructured Streaming Twitter Data	Data Mining and Analytics	Internal Project	Dr. Sandeep Chaware	PhD	CCO/1496	23
	B150454289							
	B150454314							
	B150454316							
3	B150454276	Smart Vehicle Parking Control System	IoT	Industry Sponsored-Khaleej Parking Control System	Dr. Sandeep Chaware	PhD	CCO/1496	23
	B150454242							
	B150454233							
	B150454299							
4	B150454255	Student Performance Prediction Using Data Mining Techniques	Data Analytics	Industry Sponsored-India Forensics	Ms. Harmeet Khanuja	ME COMP	CCO/4275	16.3
	B150454264							
	B150454295							
	B150454235							

5	B150454234	Vehicle Traffic Analysis System	Image Processing	Internal Project				
	B150454228							
	B150454204							
	B150454333							
6	B150454254	Analysis and Prediction of Literacy Rate	Machine learning	Industry Sponsored-QJ Technologies	Ms.Geetha Chillarge	ME CN	CCO/3309	14.3
	B150454252							
	B150454261							
	B150454277							
7	B150454283	Football Team Predictor	Machine learning	Industry Sponsored-QJ Technologies	Ms. Ila Savant	M.Tech. Comp.	CCO/941	13.8
	B150454253							
	B150454211							
	B150454241							
8	B150454292	Smart Travel Assistant	Artificial Intelligence & Android	Industry Sponsored-Brain Lines	Ms.Shailaja adhav	ME CSE	CCO/1581	15.3
	B150454322							
	B150454247							
	B150454260							
9	B150454210	Predictive Diagnostics of a vehicle using Machine Learning	Machine learning	Industry Sponsored-Tata Motors				
	B150454216							
	B150454230							
	B150454300							
10	B150454309	Autonomous Self-Driving Car	Artificial Intelligence, IoT	Internal Project	Ms.Sankirti Shirvale	ME COMP	CCO/6417	12.3
	B150454219							
	B150454224							
	B150454205							
11	B150454212	Classification of Thai Fastfood using convolution and Neural Network	Neural Networks	Industry Sponsored-Kasnet Technologies				
	B150454223							
	B150454249							
12	B150454275	Virtual Machine Introspection as a Cloud Service for Rootkit Detection	Cloud, Machine learning	Industry Sponsored-Technoplus Solutions Pvt. Ltd.				
	B150454320							
	B150454271							
	B150454298							

13	B150454273	Natural language Generation from Structred Data using Deep Learning	Deep Learning,NLG	Industry Sponsored-Intelliment Technologies	Is.Anita Shinde	ME COMP	CCO/6417	12.3
	B150454220							
	B150454272							
	B150454278							
14	B150454302	Emotion Recognition on Twitter: Comparative Study and Training a Unison	Data Mining	Internal Project	Ms.Rupali Dalvi	ME COMP	CCO/2643	13.3
	B150454297							
	B150454318							
15	B150454248	Smart Mirror,	IoT	Internal Project				
	B150454327							
16	B150454208	Student preference Analysis by finding navigation path	Artificial Intelligence	Internal Project	Ms.Swati Shekapure	ME COMP	CCO/2643	12
	B150454240							
	B150454313							
17	B150454207	Prediction of crop yield	IoT	Internal Project				
	B150454290							
	B150454218							
18	B150454231	Video Summarization using CNN	Image Processing	Industry Sponsored-Evolveware	Ms.Shubhada Mone	M. Tech. Comp.	CCO/1484	12.3
	B150454239							
	B150454213							
	B150454203							
19	B150454334	Modern Logistic vehicle system using Tracking and Security	Data Mining and Machine Learning	Industry Sponsored-Web Minds IT Solutions				
	B150454245							
	B150454243							
20	B150454214	Short term stock price prediction using deep learning	Machine learning	Internal Project	Ms.Pooja Dhule	ME COMP	CCO/7117	11.8
	B150454323							
	B150454296							
	B150454225							
21	B150454340	Two way Authentication for banking sector	Network Security	Internal Project				
	B150454335							
	B150454328							
	B150454342							

22	B150454227	Smart Pill Box	IoT	Industry Sponsored-Prudent Software and Grooming Academic	Ms.Geetha Chillarge	ME CN	CCO/3309	14.3
	B150454222							
	B150454217							
	B150454201							
23	B150454237	Prediction and Analysis of Ventricular Arrhythmia using SVM Algorithm	Data Mining	Internal Project	Ms.Geetha Chillarge	ME CN	CCO/3309	14.3
	B150454288							
	B150454209							
	B150454286							
24	B150454306	Detection of diseases in crop using predictive analysis	Data Science,IoT	Industry Sponsored-Design Tech	Ms.Sarita Sapkal	ME COMP	CCO/6406	7.6
	B150454258							
	B150454312							
	B150454282							
25	B150454343	Impact of CO2 on plants in polluted and unpolluted regions	IoT,Image processing	Industry Sponsored-Design Tech	Ms.Sarita Sapkal	ME COMP	CCO/6406	7.6
	B150454339							
	B150454337							
	B150454330							
26	B150454326	Android Application for Student Mentoring System	Android	Internal Project	Ms.Abhilasha Kulkarni	ME COMP	CCO/1488	7.5
	B150454317							
	B150454263							
	B150454336							
27	B150454287	Edge Agent for Video Analysis to be used UIMO application	Video Analytics and Machine Learning	Industry Sponsored-Indicus Software	Ms.Abhilasha Kulkarni	ME COMP	CCO/1488	7.5
	B150454291							
	B150454319							
	B150454269							
28	B150454238	Energy Efficient Street Lighting System	Machine learning,IoT	Industry Sponsored-Prudent Software and Grooming Academic	Ms.Vandana Rupnar	M. Tech. Comp.	CCO/2417	11.3
	B150454274							
	B150454262							
	B150454229							
29	B150454332	Movies Rating Prediction using Machine Learning	Machine learning	Internal Project	Ms.Vandana Rupnar	M. Tech. Comp.	CCO/2417	11.3
	B150454311							
	B150454270							

30	B150454307	Credit card authentication with face recognition based on webcam	Network Security	Industry Sponsored-SB Infotech	Ms.Asma Shaikh	ME COMP	CCO/2641, CCO/2414	12.3
	B150454267							
	B150454281							
	B150454293							
31	B150454303	Hospital Management System	Data Mining	Industry Sponsored-Red Cross Society(Bel-Air Society)	Ms.Asma Shaikh	ME COMP	CCO/2641, CCO/2414	12.3
	B150454315							
	B150454221							
	B150454232							
32	B150454256	Mining Competitors for E-Commerce unstructured Dataset	Data Mining	Industry Sponsored-VST Infotech	Ms. Ila Savant	M. Tech. Comp.	CCO/941	13.8
	B150454236							
	B150454206							
	B150454244							
33	B150454305	Automatic Summary generation using multimodel summarization	Data Mining,Image Processing	Industry Sponsored-SSP Technologies	Ms. Ila Savant	M. Tech. Comp.	CCO/941	13.8
	B150454259							
	B150454202							
	B150454341							
34	B150454250	Lung cancer detection using image processing and machine learning	Machine Learning	Industry Sponsored-Prudent Software and Grooming Academic	Ms.Pradnya Mehta	ME Comp	CCO/941	11.9
	B150454246							
	B150454251							
	B150454265							
35	B150454301	Linguistic and location Based Mechanism for Recommending Posts using various clustering method	Data Mining	Internal Project	Ms.Pradnya Mehta	ME Comp	CCO/941	11.9
	B150454310							
	B150454325							
36	B150454329	Home Automation using Alexa and Web Server	IoT	Internal Project	Ms.Sarita Sapkal	ME Comp	CCO/6406	7.6
	B150454338							

  
Project Co-ordinator

  
HOD



MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE  
ACCREDITED WITH 'A' GRADE BY NAAC

DEPARTMENT OF ELECTRICAL ENGINEERING

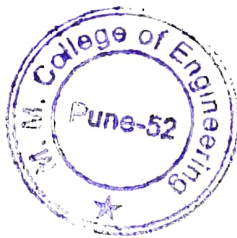
ACADEMIC YEAR 2018-19

CLASSIFICATION OF PROJECTS

Sr. No.	Title of the Project	Project Category	Context	Relevance	Area
1	Decision Making Sensor in order to monitor energy flow in the Smart Grid	Product	Environmental	PSO1, PSO2	Power Systems
2	Baby Incubation System	Product	Societal issues, Health	PSO1, PSO2	Automation
3	Wireless Car Battery Charging	Product	Safety, Environmental	PSO1	Power Electronics
4	SCR firing using Intelligent System	Application	Safety	PSO1	Power Electronics
5	Disaster Management System in Railway and Energy Saving	Application	Safety, Environmental	PSO1, PSO2	Automation
6	Dynamic Voltage Regulator/Restorer	Product	Safety	PSO1	Power Electronics
7	Smart Waste Management System	Application	Environmental	PSO1	Power Electronics
8	IoT based Air Pollution and Monitoring System	Application	Environmental	PSO2	Automation
9	Design of Automatic Power Factor Control Panel	Product	Safety	PSO1	Power System
10	Multipurpose Trainable Robotic Arm	Application	Societal issues	PSO1, PSO2	Automation
11	PLC based Coal Handling System	Review	Environmental	PSO2	Automation
12	Fully Automatic Solar Grass Cutter	Application	Societal issues	PSO2	Renewable Energy
13	Transformer O.C and S.C test by using Arduino	Review	Safety	PSO1, PSO2	Automation
14	Building Management using PLC & SCADA	Application	Societal issues	PSO2	Automation
15	Green Audit and Energy Audit of MMCOE Campus	Review	Environmental, Societal issues	PSO1	Renewable Energy

16	Multipurpose Agriculture Robot	Application	Environmental, Societal issues	PSO1, PSO2	Automation
17	Design and Manufacturing of three phase transformer and its protection	Application	Safety	PSO1	Power System
18	Smartly Controlled Multipurpose Vehicle	Application	Safety, Societal issues	PSO1, PSO2	Automation
19	Elimination of Harmonics using SHEPWM Technique	Application	Safety	PSO1	Power System
20	Fault Current Limiting Transformer using Movable Core	Application	Safety	PSO1	Power System
21	Feeder Protection using IoT and Arduino	Application	Safety	PSO1, PSO2	Automation

  
Project Coordinator



  
Head of Department

MARATHAWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE - 52  
Accredited with 'A' Grade by NAAC  
Department of Electronics and Telecommunication Engineering  
**BE PROJECT GROUP LIST SEM I 2018-19**

Date : 9-10-2018

Group No.		Roll no.	Name of Student	Student Contact No.	Domain	Title	Internal Guide	Sponsorship/ Inhouse
1	1	B150453007	BE154	AUTI PRANAV DILIPRAO	Medical electronics	Stimulation & Biofeedback Using EMG for Urinary & Gynac Muscles	MAD	Santron meditronics
	1	B150453089	BE186	VAZ MERVYN AUGUSTINE				
	1	B150453041	BE259	JOSHI HRISHIKESH AJIT				
2	2	B150453016	BE223	BOROLE CHIRAG LAXMAN	IOT	IOT BASED DIGITAL SIGNAGE	APT <i>medical</i> <i>Pongare</i>	PAKO Tech.Pvt.Ltd <i>Man.</i>
	2	B150453030	BE245	GHULE SUJIT JANARDHAN				
	2	B150453043	BE262	KANKHAR ADESH SURESH ✓				
3	3	B150453080	BE120	SHAHA HARSHALI RAVIKANT	DIP	Automatic Painting Robot	AMS	
	3	B150453066	BE176	NEVASE VISHAL SADASHIV				
	3	B150453069	BE177	PANDYA YASH KAILAS				
4	4	B150453014	BE157	BHUJBAL SAMRUDDHI SANTOSH	IOT	IOT Based RO Water Dispenser System	SJK	Kalptech Solutions Pvt. Ltd.
	4	B150453012	BE211	BARAPATRE SNEHA MILIND ✓				
	4	B150453032	BE246	GODASE ARATI RAVINDRA				
5	5	B150453077	BE113	RAMDASI RISHIKESH VIDYESH	Mechatronics	Automated Arm for Harvesting	SAJ	
	5	B150453075	BE181	PHIRKE VISHAKHA SANJAY				
	5	B150453053	BE273	KULKARNI NEHA SHRINIWAS				
6	6	B150453084	BE126	SHUKLA MAITREYEE SANJAY	IOT	Solar Grass Cutter	SST <i>Phd leave</i>	
	6	B150453085	BE127	SONAWANE SHIWANEE KAILAS				
	6	B150453088	BE134	VAIDYA SHRUTI RAJIV				
7	7	B150453079	BE119	SATAV KUNAL SATISH	BIOMEDICAL	ANKLE BRACHIAL INDEX MONITOR SYSTEM	RRM	
	7	B150453040	BE258	JAWADEKAR MRUNMAYI VINAY				
	7	B150453049	BE270	KONDHEKAR PRADNYA DNYANESHWAR				

Group No.			Roll no.	Name of Student	Student Contact No.	Domain	Title	Internal Guide	Sponsorship/ Inhouse
8	8	B150453117	BE107	PATIL DISHA SHASHIKANT	8446527071	IOT	Automatic Shiftable Road Divider	VBS	
	8	B150453125	BE137	WAKURE DIPALI RAVINDRA	7350091436				
	8	B150453109	BE271	KORKE AKASH ARUNRAO	7385195495				
9	9	B150453004	BE204	ANGRE PRANIL SUDHIR	8087680297	Machine Learning	Object Detection for Unmanned Aerial Vehicles	DNP	
	9	B150453005	BE205	ARANGALE MAHESH SAKHARAM	9767022270				
	9	B150453065	BE286	NAGARKAR NIKHIL VIDYADHAR	9765246035				
10	10	B150453126	BE138	WAKURE SHUBHANGI ANANT	7057149463	IOT	IOT BASED SMART IRRIGATION SYSTEM	AGD	
	10	B150453057	BE277	LINGAMPALLE PAYAL SHIVAJIRAO	9604779159				
	10	B150453059	BE282	MANE KAJOL SHIVAJI	9561169869				
11	11	B150453055	BE108	PATIL KUNDAN SHASHIKANT	8668344572	IOT	Energy And Mobility	MRP	
	11	B150453029	BE128	SONOWANE GAURAV GAJANAN	8177944694				
	11	B150453008	BE208	BACHHAV HITESH SUBHASH	9209098824				
12	12	B150453068	BE103	OAK PRIYA MADHAV	7415403047	IOT	vehicle accident detection and tracking system using gps modem	AGD	
	12	B150453060	BE174	MASKE ABOLI ASHOK	8485079318				
	12	B150453087	BE185	UGE JAYSHRI VIJAY	9765314722				
13	13	B150453061	BE175	MATTOO ASTHA KISHORE	9673699059	Robotics	Old Age Assistant Bot	HNB	
	13	B150453111	BE275	KULKARNI SAKSHI GIRISH	8484885939				
	13	B150453114	BE280	MANDHARE SIDDESH UDAYRAJ	7972074565				
14	14	B150453100	BE237	FUSE SHIWANI MANOHARRAO	7620559848	Mechatronics	Smart Intelligent Two Axis Weapon Simulator	RRM	
	14	B150453104	BE250	HAVALDAR AKSHAY KRISHNA	8446116958				
	14	B150453056	BE276	LANDE AISHWARYA KISHOR	9146676881				
15	15	B150453129	BE140	ZADE AISHWARYA ANIL	8087866505	IOT	Wizard Chessboard	SAJ	
	15	B150453093	BE215	BHARAT DIXIT V	9763383159				
	15	B150453036	BE251	HAWLE YASHRAJ KIRAN	8390498598				
16	16	B150453097	BE158	BHUVAD RUTUJA VINAYAK	8149893914	IOT	Water Distribution System Based On IOT	HNB	
	16	B150453103	BE165	GHOTALE JYOTI SITARAM	8805676867				
	16	B150453039	BE167	JADHAV SUPRIYA SUNDAR	8624843272				

Group No.		Roll no.	Name of Student	Student Contact No.	Domain	Title	Internal Guide	Sponsorship/ Inhouse	
17	17	B150453052	BE172	KULKARNI CHAITANYA VIRENDRA	7709490937	Embedded	Cooperative Adaptive Cruise Control	DNP	
	17	B150453023	BE234	DHUMAL POOJA SUNIL	7741044085				
	17	B150453062	BE283	METE VIRAJ RAVINDRA	7767036210				
18	18	B150453027	BE239	GADAM PRATIKSHA SANJAY ✓	9922975156	IOT	Smart and Energy Efficient Power Saving System	SST * PBDL	Melux control and gears Pvt.Ltd. ✓
	18	B150453042	BE260	KAD POOJA MUGUT	9767989733				
	18	B150453048	BE269	KHOTARE SAURABH ANIL	8180915213				
19	19	B150453076	BE112	RAJEGORE SUMIT ASHOKRAO ✓	9822654119	mechatronics	Sprinkler automation for accurate pest control on crops	VBD	Algorithmic electronics ✓
	19	B150453025	BE163	DOMLE SHITAL KAILAS	9850174497				
	19	B150453045	BE267	KESARE MOHINI SAUDAGER	9011051076				
20	20	B150453090	BE135	WAGHMARE VIKI DASHRATH	9146237137	IOT	Industrial Automation	DNP	
	20	B150453095	BE217	BHISE SUJATA HARIBHAU	8796228685				
	20	B150453033	BE247	GOPALE KEDAR JAYANT	9175600607				
21	21	B150453067	BE102	NIRPHAL VAIBHAV NARAYAN	9011193782	Signal Processing	Image to speech using Raspberry Pi	MRP	
	21	B150453024	BE235	DODKE ABHISHEK MUKTARAM	9028504373				
	21	B150453028	BE242	GARUD MRUNALI ADHIKRAO	9764586784				
22	22	B150453101	BE238	GADADE PANKAJ RAMAKANT	8007440470	IOT	Smart Rahan Card distribution system using IOT	VBD	
	22	B150453108	BE264	KAUSHALYE KISHOR VITTHAL	9595737664				
	22	B150453112	BE278	MADHAN MADHU	8072201221				
23	23	B150453116	BE105	PATHAK PRITI PRAMOD	8308414639	IOT	Iot Based Home Automation And Security System	RRM	
	23	B150453054	BE173	KULKARNI SHUBHADA SHRIDHAR	9112787913				
	23	B150453072	BE180	PATULE SHEETAL BHARAT	8412011447				
24	24	B150453031	BE166	GIRIGOSAVI ABHISHEK SANJAY	7875005391	IOT	IOT based bridge condition monitoring system	SST	
	24	B150453106	BE168	JALGI ASHWINI DATTATRAY	8888709556				
	24	B150453051	BE272	KOTGIRE ROHIT RAJKUMAR	8421604040				

Group No.	Roll no.	Name of Student	Student Contact No.	Domain	Title	Internal Guide	Sponsorship/ Inhouse
25	25	B150453006	BE206	ARVE AKASH SANJAY	IOT	Developing pet feeder using IoT.	SAJ
	25	B150453013	BE214	BHALE GAURI NARENDRA			
	25	B150453021	BE231	DESHPANDE TEJAL SHIRISH			
26	26	B150453082	BE123	SHINDE ASHWINI GANGADHAR	DIP & IOT	speaking system for mute people using hand gesture	PSS
	26	B150453070	BE178	PATEL RIYABEN RAJENDRAKUMAR			
	26	B150453044	BE263	KARALE PRAJAKTA SHRIRAM			
27	27	B150453002	BE203	AMRUTKAR SHUBHAM RAJENDRA	AI	Intelligent Unmanned Army Robot	MRP
	27	B150453035	BE249	HARISHCHANDRE RAHUL BAPUSAHEB			
	27	B150453046	BE268	KHADGI PRANAY GANESH			
28	28	B150453113	BE159	BOTHE MAHESHKUMAR BABAN	DIP & IOT	Automatic Rising Bollards System	SND
	28	B150453050	BE170	KORPE SUYOG ATULRAO			
	28	B150453083	BE184	SHIRODE PRATIK SATISH			
29	29	B150453071	BE106	PATIL DATTATRAYA ATMARAM	CNC	PCB Plotter	HNB <i>Burande</i>
	29	B150453063	BE284	MIRASHI MRUNMAYEE MILIND			
	29	B150453064	BE285	MULIK AKSHATA SUNIL			
30	30	B150453086	BE129	SURANA RUSHABH VIJAY	Embedded	Tyre pressure monitoring System using IOT	SJK
	30	B150453127	BE152	YADAV PRADIP ANANDRAO			
	30	B150453094	BE216	BHIDE UDAYAN YOGESHCHANDRA			
31	31	B150453074	BE110	PENDSE SHRIJIT RAJESH	Medical electronics	Gesture to speech converter	MAD
	31	B150453124	BE133	VAIDYA DEVESH VAIBHAV			
	31	B150453017	BE224	CHAUDHARI HARSHAL DNYNESHWAR			
	31	B150453034	BE248	GUNJAL PRANJAL SHEKHAR			
32	32	B150453115	BE101	NATU PRASAD ARUNRAO	DIVP	Attendance using face recognition	SND <i>Deohmukh</i>
	32	B150453098	BE160	CHANDORKAR NIHAR DILIP			
	32	B150453110	BE171	KULKARNI ASHISH ARUNRAO			
33	33	B150453081	BE121	SHEIKH DILSHAD SHEIKH YUNUS	IOT	Medicine Vending Machine	AMS
	33	B150453037	BE255	JADHAV POOJA SHIVAJI			
	33	B150453038	BE256	JADHAV RUSHIKESH VIJAY			
34	34	B150453121	BE124	SHINDE PRIYANKA SANTOSH	IOT	LPG level monitoring, booking and gas leakage detector	AGD
	34	B150453123	BE130	TAMHANE VIRAJ RAJENDRA			
	34	B150453107	BE261	KAMBLE SNEHA ANIL			

Group No.		Roll no.	Name of Student	Student Contact No.	Domain	Title	Internal Guide	Sponsorship/ Inhouse
35	35	B150453010	BE155	BAGLANE MOHINI ABHIMAN	9146989859	LabVIEW	Air Pollution monitoring system using LabVIEW	VBD
	35	B150453011	BE156	BAGLANE PRATIKSHA ASHOKRAO	8766918025			
	35	B150453026	BE236	DUKARE PRAVIN HANUMANT	9028748503			
36	36	B150453003	BE142	ANERAO VIJAY DATTATRAY	9561084881	IOT	IOT based bike regulation and security system.	VBS
	36	B150453122	BE150	SWAMI VAIBHAV RAMLING	9503860368			
	36	B150453102	BE240	GAIKWAD AISHWARYA ANIL	9763548404			
37	37	B150453091	BE207	AWATE VIKRAM BHAGWAN ✓	8551975118	IOT	Surveillance Bot for gas leakage detection and to improve home security.	SJK Varad Electronics Pvt. Ltd.
	37	B150453092	BE212	BARTAKKE SHUBHAM ASHOK	9922418870			
	37	B150453022	BE232	TEJAL SURENDRA DESHPANDE	9049758936			
38	38	B150453120	BE114	RAUNDALE PRANAV DEVMAN	8983034865		APT	
	38	B150453119	BE182	RANSUBHE CHETAN NAGESH	8856069987			
	38		BE192	MUGALE AJAY MARUTIRAO	9545293600			
39	39	B150453128	BE139	YALAMGONDE YOGESHWAR KISHANRAO	9130252221	IOT	Smart Classroom System Based on IOT	VBS
	39	B150453118	BE148	KHUNE PRASAD KISHOR	9049299702			
	39	B150453018	BE228	DAGHALE PRASAD KAILAS	9767373820			

Ms. M. A. Dudhedia  
Project Co-ordinator

*P. S. Sawant*  
Ms. P. S. Sawant  
HEAD  
Dept of E&TC Engg.

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**B.E. Project Group & Guide List**  
**A.Y. 2018-19 Sem II**

Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
1	Dr. P.S. Purandare	BMA123	NEHA ARUN JOSHI	Improving lubrication on cleanliness with G2D bypass filter and evaluate impact on oil life and engine performance	Vat's Filtration, Pune	
		BMB204	NIKHIL RAVINDRA LIMAYE			
		BMB228	SHRADDHA MAHESH SAPTARSHI			
2	Dr. P.S. Purandare	BMA103	AMAN RAKESH BAGMARE	Design and analysis of APRON Conveyor system	Mechatol Engineering Solutions, Pune	
		BMA116	ADITYA SATISH GHOGARE			
		BMA117	ABHIJIT SIDHESHWAR GHUTUKAD			
		BMA133	MARTAND SUNILRAO KULKARNI			
3	Dr. P.S. Purandare	BMB209	ANUJ SHRIDHAR NAIK	Development of an application oriented solar powered UAV	In- House	
		BMB233	RAUNAK KETAN SUPEKAR			
		BMB241	JAYANT SUNIL PALDE			
		BMB244	MALHAR SATISHCHANDRA PAGEI			
4	Dr. P.S. Purandare	BMB262	PRATIK MUNJAJI INGOLE	Development of Arduino based CNC X-Y Plotter	In- House	
		BMC304	SAIPRASAD RAJESHWAR BORLEPV			
		BMC305	PRATIK RAJENDRA CHABUKSWAR			
		BMC329	AKASH PRASHANT WADGAONKAR			
5	Dr. R.J. Yadav	BMA165	AJINKYA GAJANAN KULKARNI	Design and fabrication of nozzle, diffuser test rig	In- House	
		BMA166	VISHVAJEET S. GHORPADE			
		BMB252	PRALHAD DEVIDAS NAJAN			
		BMB277	SAJAN S. SAYYED			
6	Dr. R. J. Yadav	BMA176	AMBAD ANIKET BALIRAM	Design, development and fabrication of Multistage Dumping Trolley model	In- House	
		BMB270	SHUBHAM SHIVAJIRAO SONAWAN			
		BMB279	MORE MAYUR MADHUKAR			
		BMC379	CHOUGULE ANIRUDDHA SHARAD			



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Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
7	Dr. K. R. Patil	BMA107	RADHESHAM CHANDRAKANTRAO	Design, analysis and testing of three way catalytic converter for CNG fueled heavy duty engine	Automotive Reserach Association of India, Pune	
		BMA125	SANKET SHAM KALAMKAR			
		BMA126	OMKAR BALASAHEB KALBHOR			
		BMA138	SAMEER HAMEED MANIYAR			
8	Dr. K. R. Patil	BMA109	KRUSHNAKANT PRADEEP DESHM	Design and analysis of e-CVT for pasenger car	Automotive Reserach Association of India, Pune	
		BMA113	DARSHAN SHRISHAIL GANGANAL			
		BMA118	CHIRAG RAJASHEKHAR GOKAVI			
		BMB215	RAHUL RAJARAM PATIL			
9	Dr. K. R. Patil	BMA129	SIDDHANT KESHAV KASHID	Design, Manufacturing and prototyping of eCVT for all terrain vehicle	In- House	
		BMA135	SIDDHARTH KISHOR MUNGALE			
		BMA137	PRASANNA BABURAO SHELKE			
		BMA139	BHAGYASHRI TANAJI SALUNKHE			
10	Dr. V. R. Deulgaonkar	BMC344	SUMIT SUBHASH KHEDKAR	Design and analysis of Non-AC Sleeper coach Bus body structure	MSRTC ST Workshop, Dapodi, Pune	
		BMC348	VISHAL UJWAL SADAVARTE			
		BMC350	SAMARTH UDAYKUMAR KHAROSI			
		BMC353	MADHVARAJ SHRIPAD KULKARNI			
11	Dr. V. R. Deulgaonkar	BMB217	KUNDAN PRATAP PAWAR	Failure Analysis of fuel injection pumps in Transport Utility Vehicles	MSRTC ST Workshop, Dapodi, Pune	
		BMB221	AMOD KISHOR RAUT			
		BMB222	ATHARVA VISHNU RAVERKAR			
		BMB239	PRATIK RAJENDRA KUDLE			
12	Dr. V. R. Deulgaonkar	BMA154	VIVEK VIKAS MAHAJAN	Design and analysis of I.C. engine components	Mechatol Engineering Solutions, Pune	
		BMB260	PUSHPESH SATISH MOHITE			
		BMC354	HARIKRISHNA R. ANNEBOINA			
		BMC358	SHALAKA HEMANT BHOPI			

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Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
13	Dr. V. W. Bhatkar	BMA106	SHUBHAM SANJAY BHARATIYA	Design and development of Multi Stage Evaporative Cooling	Aqua Chill India Pvt. Ltd., Pune	
		BMA108	DARSHAN PRAMOD SHAHA			
		BMA110	BHARGAV SATISH DESHPANDE			
		BMC331	ANAND BALASAHEB KARPE			
14	Dr. V. W. Bhatkar	BMB201	RAJWARDHAN DHARMENDRA KUMAR	Jig for Cycle time reduction and productivity escalation of railway pinion oil hole drilling	Kirloskar Pneumatics Company Ltd., Pune	
		BMB206	VIRAJ ANIL MEKHE			
		BMB207	MIHIR MOHAN MORE			
		BMB210	SANGRAM A. NANDAWADEKAR			
15	Dr. V. W. Bhatkar	BMB205	OMKAR VIJAY LOLE	Design and manufacturing of screw rotor handling system	Kirloskar Pneumatics Company Ltd., Pune	
		BMB208	AMAN SUDHAKAR MURKAR			
		BMA134	GOURI NITIN DOJAD			
		BMC319	TEJAS UDAY MAHAJANI			
16	Dr. P.K. Katare	BMA142	AMIT UTTAM BHOSALE	Design, fabrication and Analysis of battery cooling system	In- House	
		BMA144	TEJASWINI ARVIND PAWAR			
		BMA149	BHASKAR BHARAT KOLHE			
		BMA155	NAGESH SUKSEN BIRAJDAR			
17	Dr. P.K. Katare	BMB220	PRIYANKA TANHAJI RAJEBHOSAL	Design, development and testing of six axis robotic arm	In- House	
		BMB230	HARISH GAJANAN SHINDE			
		BMB236	SAURABH SUNIL WAGH			
		BMB266	ISHWAR PRALHAD SHINDE			
18	Dr. P.K. Katare	BMA167	TEJAS JAYANT JOSHI	Design, analysis and manufacturing of UAV mountable grenade dropping mechanism	In- House	
		BMB212	PARAM SANDEEP PADALKAR			
		BMB214	MALHAR DEVENDRA PATIL			
		BMB216	VAIDEHI VINAY PATWARDHAN			

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Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
19	Prof. P. K. Tamkhade	BMA141	VED ANAND GUMASTE	Experimental validation of heat transfer coefficient obtained using Dittus-Bolter and Gnielinsky Coorelation	In- House	
		BMA147	SHUBHAM JANARDAN DHAKPADE			
		BMB202	RUSHIKESH ANKUSH KURE			
		BMB240	SANTOSH GOVIND AKULWAR			
20	Prof. P. K. Tamkhade	BMB276	TIJARE SANKET JAGDISH	Design and manufacturing of ice plant test rig without brine tank	In- House	
		BMC361	RUTUJA VIJAYKUMAR DEVADNYE			
		BMC362	BHAGYASHREE RAJU YEDGE			
21	Prof. P. K. Tamkhade	BMB231	LASURE SHUBHAM	Performance analysis of mixture of R290 and R600a with reshut to R134a in simple VCR cycle	In- House	
		BMC322	LAXMAN KARBHARI MUNDE			
		BMC323	RUSHIKESH PARASRAM MUTKULE			
		BMC332	RUSHIKESH PARDESHI			
22	Prof. A. D. Desale	BMC301	AKIB BILAL ATTAR	Design, analysis and manufacturing of Brazing Fixture	Emerson Climate Technologies (India) Pvt. Ltd., Pune	
		BMC309	MRUNAL SANDEEP JOSHI			
		BMC312	PRATIKSHA VITTHALRAO KAWLE			
		BMC343	SACHIN SOMSHEKHAR PATNE			
23	Prof. A. D. Desale	BMA120	HARSH MISRI	Experimentation and FEM analysis of spring washer to investigate load-deflection characteristics	In- House	
		BMA121	SUKRUT DATTATRAY HINDLEKAR			
		BMA128	PRATIK SHRIPAD KANADE			
		BMA136	MANISH DATTU PATIL			
24	Prof. A. D. Desale	BMB246	VIKAS DASHRATH PATANGE	Automation of test rig to investigate load-deflection characteristics of spring washer	In- House	
		BMB255	AKASH MANGESH YADAV			
		BMB256	PRASANNA PRAMOD PATIL			
		BMB259	RATNESH KAKASO PATIL			

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Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
25	Prof. G. R. Chaudhari	BMA122	JAYESH ANIL JADHAV	Development and assembly of machine for higher KVA radiators	TATA Toyo Radiators, Pune	
		BMA127	BASAVARAJ RAJKUMAR KALEE			
		BMA131	AJAY ARUN KHOT			
		BMA132	SHUBHAM KIRAN KOLAPKAR			
26	Prof. G. R. Chaudhari	BMA159	LAXMAN ASHOK KAWALGI	Productivity improvement in machining of lube oil head filter	Cummins India Ltd., Pune	
		BMA160	VENISHA LUCAS DIVE			
		BMA172	MAHENDRA PRADEEP DEORE			
		BMA173	NIKITA DHELWAN			
27	Prof. G. R. Chaudhari	BMA111	SHUBHAM SANJAY DHANWAT	Experimentation on Solar Chimney Power Plant	In- House	
		BMA112	AVINASH ASHOK GALANDE			
		BMA114	AJAY POPAT GAWARE			
		BMB223	VIJAY SHIVKUMAR RODAGE			
28	Prof. R. U. Patil	BMB245	RAHUL KISHANRAO PHULPAGAR	Design and manufacturing of welding rod straightening machine	In- House	
		BMB247	SOURABH VIJAY FODEKAR			
		BMB251	MANISH RAJU LAWANDE			
		BMB258	HITESH SUBHASH KATHOLE			
29	Prof. R. U. Patil	BMC308	ADITI BALKRISHNA JOSHI	Design, optimization and CFD analysis of aircraft wings	A <sup>2</sup> Innovations and research, Pune	
		BMC334	MAYURI TAKAWALE TAKAWALE			
		BMC342	JANABAI BHAUSAHEB DALAVI			
30	Prof. R. U. Patil	BMA101	SHWETA ARJUN ADHORE	Design and optimization of mounted bearing housing	A <sup>2</sup> Innovations and research, Pune	
		BMA143	AISHWARYA SURESH MAHAPURE			
		BMA145	ABOLI PRASHANT GOKHALE			
		BMB263	PRIYANKA GORAKH PATIL			

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**B.E. Project Group & Guide List**  
**A.Y. 2018-19 Sem II**

Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
31	Prof. S. S. Raut	BMA105	KUNAL JAGDISH BHAMARE	Design and analysis of Industrial Chain Drag Conveyor	Mechatol Engineering Solutions, Pune	
		BMB232	SHUBHAM SUHAS SHINDE			
		BMB234	SUBHASH BHOSALE SUSHANT			
		BMB237	KETKI ANANT WAKURE			
32	Prof. S. S. Raut	BMB235	VRUTIK ANIL VELANI	Floating Tremolo Bridge with Locking Mechanism	In- House	
		BMC313	SHUBHAM SANJAY KHAWALE			
		BMC315	ANISH SUDHANVA KOLHATKAR			
		BMC317	VEDANT MANOHAR KULKARNI			
33	Prof. S. S. Raut	BMB250	SHIVRAJ KAILAS NARKHEDE	Design for integration of electric system and IC engine for two wheeler	In- House	
		BMB218	PRIYANKA PRADIP PISAL			
		BMB267	SHUBHAM VILAS PATIL			
		BMC318	SAURABH MILIND MAHAJAN			
34	Prof. R. S Yadav	BMA148	SURAJ SATISH MULE	Numerical and mechanical analysis of Laser Welding Process	In- House	
		BMA152	SAURABH KANTILAL DEOKAR			
		BMA157	KARAN AVINASH PAIGUDE			
		BMC355	PRAJWAL ANIL PUNDE			
35	Prof. R. S Yadav	BMA151	SHUBHAM NITIN UPASANI	Mechanical and Metallurgical analysis of Laser Welding on TRIP Steel	In- House	
		BMA153	SHUBHAM SURESH AMALE			
		BMA156	KEVAL CHANDRAKANT MORE			
		BMA158	ATUL SAHADEV VHANDURGE			
36	Prof. R. S Yadav	BMA174	BANGAR ASHUTOSH PRADEEP	Automated Guided Vehicle ( A	In- House	
		BMA177	CHASKAR NEHA SHARAD			
		BMB274	PAVAN VADIRAJ MULUGUND			

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**B.E. Project Group & Guide List**  
**A.Y. 2018-19 Sem II**

Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
37	Prof. H.C. Pisal	BMC311	MAYURESH RAVINDRA KALUSKA	Design and optimization of 0.5T Fork lift	In- House	
		BMC314	KISHOR VISHWANATH RAUT			
		BMC316	SAURABH MUKUNDRAO KULKARNI			
		BMC324	PRATIK DATTATRAY PANSARE			
38	Prof. H.C. Pisal	BMC306	SHWETA VIJAY GANDHE	Design and Fabrication of Sewage Pipe Cleaning Device	In- House	
		BMC310	TRUPTI AMARNATH KADAM			
		BMC345	SHWETA VINAYAK MANJARE			
39	Prof. H.C. Pisal	BMA104	VISHAL NILOBA BANSODE	Perfromance analysis of Solar Parabolic Trough Collector	In- House	
		BMB227	VAIBHAV DATTATRAY SAPKALE			
		BMB229	AKASH KANTILAL SHINDE			
		BMB243	YOGESH HANUMANT GHADAGE			
40	Prof. S. N. Belsare	BMA150	PRITESH KAILAS PAWAR	Conceptual design and prototype of lightweight foldable electric vehicle	In- House	
		BMC307	VISHAL VIJAYKUMAR JADHAV			
		BMC333	JAYWANT MAHADEV PATIL			
		BMC339	SANJYOTI MAHESH KESKAR			
41	Prof. S. N. Belsare	BMC338	AKSHAY RAJENDRA DESHMUKH	Hybrid Air Conditioning	In- House	
		BMC340	ANKIT HANISH SHAH			
		BMC341	PARAG SANJAY JOSHI			
		BMC346	AKASH BHANUDAS BADHE			
42	Prof. S. N. Belsare	BMA102	PARTH SANJIV BACHAL	Instrumentation of wind tunnel	In- House	
		BMA130	SUMEET SHARAD KASHIKAR			
		BMB275	SISAL AKHIL BHARAT			
		BMC335	VAISHNAVI SUDHIR KULTHE			

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**B.E. Project Group & Guide List**  
**A.Y. 2018-19 Sem II**

Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
43	Prof. S. N. Belsare	BMA175	ADITYA SATISH KULKARNI	Integration of electric system and IC engine in two wheeler for improving performance and emissions	In- House	
		BMC351	SAYALI SURESH GAJARE			
		BMC374	SAUMITRA ACHYUT KULKARNI			
		BMC380	SHINDE SOHAM S			
44	Prof. S. R. Dhok	BMB203	TILAK LAXMAN LADSE	Design and analysis of Invelox wind turbine	In- House	
		BMB257	YASH YOGENDRASING PATIL			
		BMB261	AJAI VISHNUDAS KULKARNI			
		BMC357	AKSHAY ANANDA SAKALE			
45	Prof. S. R. Dhok	BMB278	JAGTAP SUMIT PRAKASH	Modified single stroke floor cleaning machine	In- House	
		BMC367	SHUBHAM AMRUTLAL SHAH			
		BMC368	SHUBHAM ARUN NIMBALKAR			
		BMC383	JANGAM RUTURAJ RATNESHWAR			
46	Prof. S. R. Dhok	BMC328	SUMEET SATISH CHALAK	Design and Development of a Pneumatic Exoskeleton Arm	In- House	
		BMC330	SHREYAS SHISHIR JOSHI			
		BMC364	OMKAR BHAUSAHEB SHINDE			
		BMC373	ADITYA NINAD DEVRE			
47	Prof. A. B. Gholap	BMA168	ADITYA MAHESH NADGIR	Automation of coolant supply system	In- House	
		BMA169	PRASAD KHANDERAO BHALERAO			
		BMA170	AKSHAY CHANDRAKANT PATIL			
		BMA171	PIYUSH EKNATH CHAVAN			
48	Prof. A. B. Gholap	BMA119	TUSHAR SURESH GOPALE	Design analysis and simulation of Body In White (BIW) fixtures	M CAD Solutions, Pune	
		BMB225	SANTU LANGOTE SAGAR			
		BMB226	SHUBHAM DATTATRAYA SAGAR			
		BMC303	RHUSHIKESH RAJU BHOSALE			

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
**Department of Mechanical Engineering**  
**B.E. Project Group & Guide List**  
**A.Y. 2018-19 Sem II**

Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
49	Prof. S.G. Kale	BMC321	ROHIT SHANKAR MARNE	Wind Powered Water Pump	Vishwadeep Pressparts Pvt. Ltd., Pune	
		BMC325	SURAJ PRAKASH PARDESHI			
		BMC326	RAHUL ANANDA MORE			
50	Prof. S.G. Kale	BMB219	CHINMAY SANJAY PURANIK	Multifunctional refrigerator heater and cooler system	In- House	
		BMB224	B KAMBLE ROHIT			
		BMB238	ADITYA ANIL MATE			
		BMB271	SANKET SURYAKANT GHADGE			
51	Prof. S.G. Kale	BMA161	ROHAN TUKARAM KULDHAR	Development of Coconut & Arecanut Harvesting Machine	In- House	
		BMB211	ATUL ANIL NIKAM			
		BMB213	HEMANT SANJAY PATIL			
		BMC302	OMKAR MADHAV BAVAGE			
52	Prof. Mrs. S. R. Deshmukh	BMB253	AKASH SHIVAJIRAO CHAVHAN	Design and development of Disc Lapping Machine	In- House	
		BMC336	MAHENDRA BAPU JADHAV			
		BMC349	PRAVIN SURESH GURAV			
		BMC352	AKSHAYKUMAR SUBHASH GHODKE			
53	Prof. Mrs. S. R. Deshmukh	BMC363	OMKAR DINKAR PATIL	Automated Manual Transmission in two wheelers	In- House	
		BMC377	ABHISHEK DNYANESHWAR RASKAR			
		BMC376	KSHIRSAGAR CHAITANYA G			
		BMC384	PATIL NISHIKANT B			
54	Prof. Mrs. S. R. Deshmukh	BMC365	AMEYA RAJAN SHRAVGE	Performance and emission characterization of waste cooking oil and its blend in IC Engine	Indian Biofuel Corporation, Baramati	
		BMC370	PRASAD RAMCHANDRA PHADTAR			
		BMC381	BHAVIK G. SONAWANE			
		BMC382	SHUBHAM P. PURKAR			



Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
Karvenagar, Pune-52  
Department of Mechanical Engineering  
B.E. Project Group & Guide List  
A.Y. 2018-19 Sem II

Group No.	Name of Guide	Roll. No.	Name of Students	Project Title	Sponsored by/In-House	Remark
55	Prof. S. N. Belsare	BMA140	ABHIJIT SUHAS CHOLKAR	Design and development of parameter array for additive manufacturing to test the	Renishaw Metrology Systems Ltd., Pune	
		BMB280	SUTKAR PRITAM RAHUL			

Total Number of In-House Projects: 35

Total Number of Sponsored Projects: 20



BE Project Coordinator  
Dept. of Mechanical Engg.



HEAD  
Dept. of Mechanical Engg.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**ACADEMIC YEAR: 2018 – 19 SEMESTER - I**

**Project Phase - I**

**Class: BE-IT**

Sr. No	Group No	Roll No	Guide Name	Name	Domain Name
1	G1	BI02	Mrs. Rashmi M. Bhattad	Akmal Ziyad	Machine Learning and Cyber Security
2		BI13		Manoj Baviskar	
3		BI28		Vishal Marhatta	
5	G2	TI01	Dr. Vijaykumar S. Bidve	Prasad Agashe	IoT & ML
6		BI04		Rajas Bhide	
7		BI06		Veerbhadra Bilagi	
8		bi30		Yashashri Dange	
9	G3	BI17	Mr. Jitendra Chavan	Mohit Sunil Patil	Cyber Security using Machine Learning
10		BI38		Aditya Amar Shelar	
11		BI43		Siddhi Suresh Bendkhale	
12		BI47		Sushmita Sunil Gatne	
13	G4	BI54	Mrs. Preeti S. Joshi	Gourav Bagade	BCI
14		BI58		Ninad Bhate	
16		BI75		Mayur Chaudhary	
17	G5	BI56	Mrs. Rashmi M. Bhattad	Gautam Neel Chitnis	Machine Learning
18		BI55		Aditya Chetan Phadke	
19		BI42		Mohit Pushkar Kulkarni	
21	G6	BI40	Mr. Swapnil S. Shinde	Priyanka Rathod	Cloud & Information Security
22		BI62		Pratiksha Ramesh Bhalerao	
23		BI68		Akshata Patekar	
24		BI74		Rishabh Shukla	
25	G7	BI24	Mr. Jitendra Chavan	Tushar Shinde	
26		BI31		Pratik Rawke	
27		BI08		Ketki Govilkar	
28		BI22		Shubham Shendage	
29	G8	BI61	Mr. Nikhil S. Dhavase	Vaishanavi A Pelagade	Data Mining
30		BI66		Atharva Ganrai Bachha	
31		BI67		Gaurav Satish Malge	
32		BI70		Shubham Sanjay Pingale	
33	G9	BI63	Mrs. Preeti S. Joshi	Tushar Vijay Nemade	Data Mining
34		BI64		Tejasvini S Khadse	
35		BI65		Saloni Girish Telang	
36		BI69		Aayush Milind Ranade	
37	G10	BI05	Mr. Pratik B. Kamble	Bhingare Tejashri Dattatray	IoT
38		BI26		Tak Priyanka Santosh	
39		BI09		Jain Aman S	
40		BI36		Sujata Bharat Lungare	
41	G11	BI07	Mr. Pratik B. Kamble	Dani Sukrut Ullhas	Block Chain
42		BI15		Nandre Pratiksha Sham	
43		BI25		Pansare Shubham S	
44		BI29		Yeware Mitali Abhay	
45	G12	BI44	Ms. Pranjali R. Kuche	Nitin Govinda Sonawane	IoT & Security
46		BI48		Vishwajeet Siddharth Gawa	
47		BI51		Rohit Fulchand Survawansh	
48		BI52		Yeshodeepika Sonawane	
49	G13	BI14	Ms. Shital A. Kakad	Sneha Gorakhnath More	IoT
50		BI19		Rini Dalvi	
51		BI10		Dnyanada Rajendra Kale	
52		BI32		Priti Sangle	
53	G14	BI03	Mr. Nikhil S. Dhavase	Gayatri bhalerao	
54		BI21		Payal shah	
55		BI27		Ritesh Varma	

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
 S.No. 18, Plot No. 5/3, Karvenagar, PUNE -411 052  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

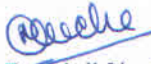
**ACADEMIC YEAR: 2018 – 19 SEMESTER - I**

**Class: BE-IT**

**Project Phase - I**

Sr. No	Group No	Roll No	Guide Name	Name	Domain Name
57	G15	BI11	Mr. Swapnil S. Shinde	Aarti Kalshetti	Cloud & Network Security
58		BI16		Pranjali Nehe	
59		BI23		Ajinkya Shimpi	
60		BI33		Manasi Patil	
61	G16	BI39	Ms. Pranjali R. Kuche	Kalyani Patil	IoT and Image Processing
62		BI49		Rutuja Fakire	
63		BI50		Pallavi Agwane	
64		BI53		Arti Rode	
65	G17	BI18	Dr. Vijaykumar S. Bidve	Sahil Patil	Augmented Reality
66		BI20		Jeevan Saraf	
67		BI57		Vipul Munot	
69	G18	BI45	Mr. Sudhanshu Gonge	Vrushali Bijja	IoT & ML
70		BI59		Rushabh Vedpathak	
71		BI60		Akshay Sharma	
72		BI37		Vijay Survawanshi	
73	G19	BI73	Mr. Sudhanshu Gonge	Mansi Pawar	IoT and Security
74		BI71		Nikita Sunil Kanade	
75		BI12		Manjiree Mane	
76		BI72		Dhanashree Warad	
77	G20	BI34	Ms. Shital A. Kakad	Dipali Devidas Doke	IoT
78		BI35		Kajal Vivek Pompatwar	
79		BI41		Pooja Shyam Giri	
80		BI46		Pratiksha Dilip Pawar	

**Note: Students who are not enrolled in any project group are informed to report to project coordinator on 09/07/2018 without fail. 09/07/2018 is the last date for enrollment.**

  
 Ms. Pranjali Kuche  
 Project Coordinator

  
 Dr. V. Bidve  
 Head, Information Technology

**Marathwada Mitra Mandal's**  
**College of Engineering**  
**Karvenagar, Pune-52**  
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**Report of**  
**"Hacksprint V1.0"**  
**from 22<sup>nd</sup> March, 2019**  
**to 24<sup>th</sup> March, 2019**

The ISTE Students' Chapter of Marathwada Mitra Mandal's College of Engineering, Pune collaborated with the ACM Student Chapter, MMCOE to conduct HackSprint v1.0 - a 36 hours hackathon - from 22<sup>nd</sup> March, 2019 to 24<sup>th</sup> March, 2019. The competition was organized in the college premises in association with India Forensic Pvt. Ltd., Cybervault Security and Solutions, ISACA, and Prudent Software and Grooming Academy.

**Competition Details:**

To compete in this competition, candidates had to register in a team of minimum 3 and maximum 4 contestants with a minimal registration fee of 400 rupees. The competition had teams tackling live APIs and problem statements (Software and IoT) given by the sponsors. The teams were guided by alumni mentors from MMCOE. The evaluators from companies did the assessment of the work done by the teams to declare the winner.

**Conduction of the Programme:**

The programme started with felicitation of the guests, Mr. Prithviraj Patil, Assistant Vice President, Citi Group and Mr. Mayur Joshi, Director, India Forensic Pvt Ltd. The event was successfully conducted on college premises with **21 teams consisting of 56 boys and 21 girls** with all the requirements of the participants met.

The participants were given time to select their problem statements and then they started working on

it after having a brief conversation with the alumni mentors who helped out the participants in their technical difficulties. ISTE and ACM support team were there to help out with anything that the participants needed, making it a very efficient and successful event.

The participants worked to the bone to bring the problem statement to realisation. The determination of the participants and ability to work out the small details resulted in some very interesting and unique implementations of the given problem statements within the given set of rules of the competition.

The programme ended with the result declaration of Shubham Thorat and group from AISSMS COE as the winners of the hackathon with the prize of 10000/-, Aditya Deshpande and group of MMCOE were first runner ups with the prize of 7000/- and Shivani Kadam and group from MKSSS Cummins College were the second runner ups bagging the prize of 5000/-. The winners were felicitated by Mr. Hemant Dhole and Mr. Pushkar Dusane and other senior members from ISACA and Mr. Mayur Joshi from India Forensic Pvt LTD. Three distinct groups were also presented 'The Best Performance Award' with a consolation amount of 1000/-.

It was a challenging yet enthralling competition with some very interesting problem statements resulting in unique takes on them by the participants. Such a feat was only possible due to the support of the teams, staff members, alumni mentors, ISTE organising committee and ACM organising committee.

**Photographs:**



Inauguration of HackSprint v1.0 by the hands of Mr. Mayur Joshi and Mr. Prithiraj Patil



Felicitation of Guests by Principal Dr. S. M. Deshpande



Group photograph of all participants and mentors



Participant teams enthusiastically working on code



Felicitation of winning team



Felicitation of Mr. Chinmay Kaundanya Alumni Mentor

  
Ms. Harshada Burande  
Technical Committee

  
Mr. Nikhil Dhavase  
Faculty Advisor, ACM

  
Mrs. S. S. Shiravale  
Faculty Advisor, ISTE



IIT Bombay



## Virtual Labs Annual Report for 2017 - 2018

**Nodal Center:** Marathwada Mitra Mandals College of Engineering

**48**

**Region:** Pune

**NCID**

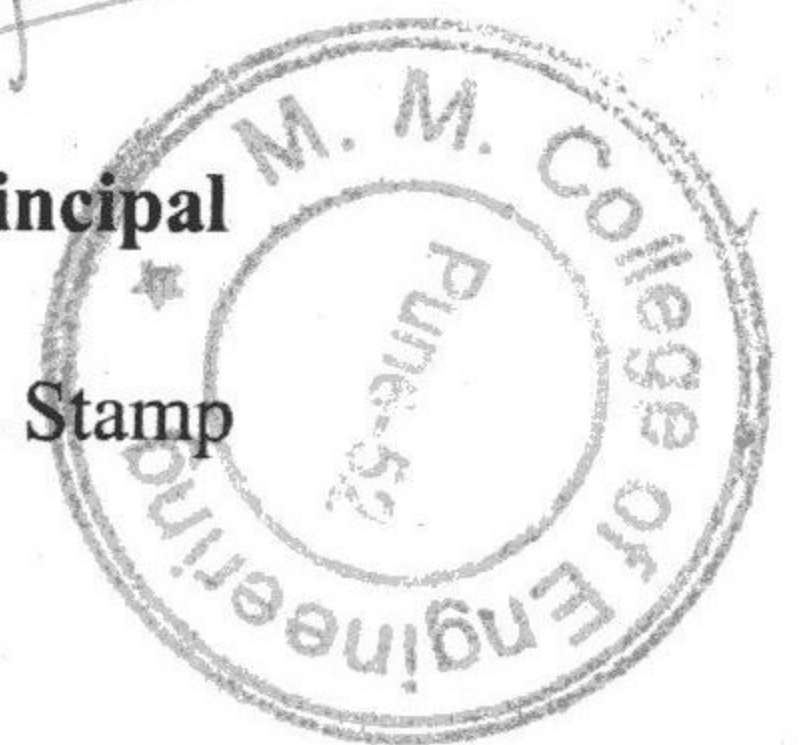
**Established Since:** 2017-02-03

Month	Usage
January	5
February	71
March	2474
April	2448
May	0
June	3
July	430
August	130
September	686
October	2204
November	91
<b>Total Usage</b>	<b>8542</b>

  
**Nodal Coordinator Signature**

  
**Head of Institute / Principal**

**Signature & Stamp**



1. Scan and Upload the duly signed original Soft-Copy of this Annual Report (Using Scanner, no mobile phone copies)
2. Send the Hard-Copy of Annual Report + All Monthly Reports to (Prof. Santosh Noronha, Lab 125B, Dept. of Chemical Engineering, IIT Bombay, Powai, Mumbai 76)

Note:- The total usage shown on the IITB VLABS home page is 9524.



**Marathwada Mitra Mandal's  
COLLEGE OF ENGINEERING**

Karvenagar, Pune

**Department of Computer Engineering**

**File No:31 Seminar/Workshops/Conference Organized**

**INDEX**

Sr. No.	Academic Year	Program Organized
1		One day Workshop on Latex report writing on 20th March,19
2	2018-19 Sem- II	Two Days Workshop on "IoT using Raspberry pi" on 1st and 2nd March,2019
3		One day Workshop on Blender:Open Source 3 D tool on 20 <sup>th</sup> February,2019
4		Six days Faculty Development Programme (FDP) on "Cyber Security" from 11 <sup>th</sup> - 16 <sup>th</sup> February, 2019.
5		One day workshop on "Web application Development using python on 7th Feb,2019
6		Two days workshop on "ICS" on 30 and 31st January,2019
1	2018-19 Sem- I	Data Science Training program followed by Microsoft Certification on 9th October,2018 to 12th October,2018
2		One day Workshop on "AngularJS" under CSI on 22nd September,2018
3		One Day Workshop on "Introduction to Enterprise Java and Spring Boot under CSI on 25th August,2018
4		Two days FDP on "Data Analytics" on 22nd,23rd June,2018
5		Two days FDP on "Open MP" on 11th,12th June,2018
1	2017-18	Workshop on "Latex hands on Session" on 22 <sup>nd</sup> and 25 <sup>th</sup> March ,2018
2		One day workshop on "Blender:Open Source tool for Animation" on 24 <sup>th</sup> February,2018
3		SPPU QIP Sponsored National Conference on "Emerging Trends in Computing,Analytics and Security"(NCEITCAS-2018) on 23 <sup>rd</sup> and 24 <sup>th</sup> February,2018
4		Two days Workshop on "Virtual Reality and IoT" in association with IIT Mumbai on 16 <sup>th</sup> and 17 <sup>th</sup> February,2018
5		Three days Workshop on "Introduction to GPU Computing using CUDA" on 28 <sup>th</sup> to 30 <sup>th</sup> December,2017
6		A Seminar on "Cyber Security Challenges,Cyber Attacks and Digital Threats" on 17 th August,2017
7		A seminar on "Opportunities in Virtual Lab Development" on 8 th July, 2017
8		Two days workshop on Ethical Hacking and Cyber Security in association with IIT Guwahati on 25 <sup>th</sup> and 26 <sup>th</sup> July 2017
9		One day Faculty Development Program on "Open Source Lab Management and Monitoring Tool (Epopotes/Itale) on 1 <sup>st</sup> July, 2017

*Amulya*

*Bell*

Department of Computer Engineering

**Report on Workshop on "LaTeX Report Writing" under CSI**

**Date & Time:** 20<sup>th</sup> March 2019 & 8.30 am to 12.30 pm

**Venue:** Thin Client Lab (606A)

**Description:**

Department of Computer Engineering has organized a 4 hour training session on LaTeX tool on Wednesday, 20<sup>th</sup> March 2019 in Thin Client Lab (606A) under CSI. This training session was organised and delivered by internal staff member Ms. Pooja Deshmukh.

Following mentioned are the topics covered under this session:

- Introduction to Latex
- Specifications with examples
- Basic and Advance Concepts
- Report Writing
- Mathematical Notations
- Adding Images, Tables and references.
- Overview of Plagiarism

**Objective of this training:**

- Spread awareness about usefulness of LaTeX scripting Language
- Clarify all the technical/practical issues by providing hands on experience with LaTeX

**Outcome of this training:**

- Increased awareness about usefulness of this tool
- Students shall be able to use this tool, for TE seminar report writing and BE project report writing

**Student's Feedback:**

- Students appreciated our approach. Their feedback was received through Google Forms( refer the below snapshot)



Some Glimpes of this workshop:



*Pooja Deshmukh*

**Ms. Pooja Deshmukh**  
CSI & Seminar coordinator

*[Signature]*

**HOD**  
Department of Computer Engineering

**Marathwada Mitra Mandal's**  
**College of Engineering Pune**  
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**FDP/Workshops/Seminars/Conferences organized in A.Y. 2018-19**

Sr. No	Date	Activity	Staff Name	Resource Person & Industry	No. of Participants
1	18/06/18 to 19/06/18	MATLAB for Electrical Engineers	Dr. V.N. Gohokar, Mr. S.C. Jadhav, Mr. P.R. Choube		BE Students (30)
2	21/07/18	Basics of MATLAB	Mr. S.C. Jadhav, Mr. P.R. Choube		SE Students (18)
3	23/08/18 to 24/08/18	Workshop on Automation technologies	Dr. V. N. Gohokar, Mr. S. M. Harite & Mr. S. C. Jadhav	---	BE Students
4	23/08/18 to 24/08/18	Component testing of PE components & prototype making	Mr. P.R. Choube & Ms. C. P. Thottan	---	BE Students
5	06/09/18 to 07/09/18	Workshop on Wind Energy System	Ms. C.P.Thottan & Mr. M.R. Tarambale	Mr. Miresh Sheth Director, Opulence Power Pvt. Ltd.,Pune	TE Students
6	21/09/18	Workshop on 'Hydro Energy System'	Mrs. S. A. Upasani	Mr. S.V.Dinkar, Expert in Design, Erection, and Operation of Hydro Energy System, Pune	BE Students
7	06/12/18	Increasing well-being and effectiveness at workplace	Dr. V.N. Gohokar		Faculty and supporting staff (19)
8	29/01/19 to 31/01/19	Electrical Safety and Management	Mr. Atul Dhamne, Mr. S.V.Dinkar, Mr. Sagar Jadhav, Mr. M.R.Tarambale		Junior, Assistant and Sectional engineer of WRD & PWD
9	06/02/19 to 08/02/19	Electrification, electricity rules and acts and safety	Dr. V.N. Gohokar, Mr. S.M.Harite, Mr. Sagar Jadhav, Ms. C.P. Thottan, Mr. Pravin Choube		Junior, Assistant and Sectional engineer of WRD & PWD

1. The above information is for the information of the concerned authorities.  
 2. The above information is for the information of the concerned authorities.  
 3. The above information is for the information of the concerned authorities.

Sr. No	Date	Activity	Staff Name	Resource Person & Industry	No. of Participants
10	21/02/19, to 22/02/19	Entrepreneurship Awareness Camp under aegis of NSTEDB Department of Science & Technology, Govt. of India, New Delhi	Mr. P.R. Choube Mr. M.D. Raut		BE Students
11	28/03/19 to 29/03/19	Two days workshop on Energy storage system	Dr. M. R. Tarambale	Mr. R. P. Deshpande, Consultant	BE Students
12	30/03/19	Workshop on Solar PV system	Mr. S. C. Jadhav Himanshu Chaware		SE
13	04/4/19	State Level Project competition in association with IEEE PES-IAS Chapter & Young Professional Affinity Group (IEEE Pune Section)	Dr. V.N.Gohokar, Dr. Manoj Tarambale, Mr. Akshay Suryawanshi		TE Students
14	8/4/19	Workshop for Audit Course VI "Application of Power Electronics"	Prof. S. A. Upasani, Prof. C. P. Thottan	Prof. Aranake, Professor and Consultant, Sunay Enterprises, Shivane	TE Students

F

  
**H.O.D. (Electrical)**  
**M. M. College of Engineering**  
**Karvenagar, Pune-411052**


Marathwada Mitra Mandal's  
COLLEGE OF ENGINEERING, PUNE  
Accredited with 'A' Grade by NAAC  
Department of Electrical Engineering

10

File No. 23

Number of Guest Lecture - 2018-19

Sr. No.	Date	Activity	Guest Name	Staff Name	Participant
1	11-09-2018	Ac Induction Motor, BLDC Motor, Stepper Motor	Mr. Shrikant Paranjape	Mr. B. B. Bhure	TE Students
2	12-09-2018	Solar Energy, Solar Panel Manufacturing, Commissioning and Installation of Solar Energy Projects"	Mr. Nileysh Punde	Mr. B. B. Bhure	SE Students
3	08-01-2019	Solar thermal Technology & Market Trends"	Mr. Sahebrao Satpute	Mr. A.M.Suryawanshi	42 Students
4	23-01-2019	Art of Reading Electricity Bills	Mr. Talware Yogendra	Mrs. S. A. Upasani	SE Students
5	09-02-2019	Resistivity concepts in Electromagnetics	Dr. S. V. Kulkarni	Dr. V. N. Gohokar, Dr. C. B. Bangal, Mr. B. B. Bhure	All faculties & students of electrical department
6	08-03-2019	Smart Grid	Dr. Khaparde IIT Mumbai	Dr. V. N. Gohokar, Mr. B. B. Bhure	SE TE BE Students, Faculty & staff
7	19-03-2019	Opportunities in industrial Automation	Mr. Anand Thakar	Mr. S. M. Harite	All BE Students
8	01-04-2019	Illumination Engineering	Shri Mukul Joshi	Dr. M. R. Tarambale	BE Students Elective IV Student 31
9	12-04-2019	Carrier in Electrical Contracting by Members of ECAM	Mr. Anil Mahajan Mr. Milind Naik Mr. Vaman Ghule Mr. Sunil Gaikwad Mr. Ravi Shivarkar	Mr. S. C. Jadhav	TF & BE Students
10	03-06-2019	Power Factor Calculation & Understanding Electricity Bill	Mr. Yogendra Talware	Prof. S. C. Jadhav	SE Students

  
 P. S. D. (Electrical)  
 M. M. College of Engineering  
 Karvenagar, Pune-411052

# Marathwada Mitra Mandal's College of Engineering

Karvenagar pune-52

Permanent Affiliated to SPPU | Accredited with 'A' Grade by NAAC | Recipient of 'Best College Award' by SPPU

## Department of Electrical Engineering

(A.Y. 2018-19)

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### Workshop on "Energy Storage System"

#### REPORT

The Electrical Engineering Department had organized a Two days' Workshop on "Energy Storage System" on 28<sup>th</sup> and 29<sup>th</sup> March 2019. Mr. R. P. Deshpande, B.Tech (Elec), F.I.E was invited as the resource person to conduct the workshop. BE Students attended the workshop.

#### Course Outcomes:

Types of energy Storage system with their advantages and disadvantages discussed in the session.

  
Coordinator



येथे बहुतांचे हित

MARATHWADA MITRAMANDAL'S

**COLLEGE OF ENGINEERING**

KARVENAGAR PUNE-52

Accredited with 'A' grade by NAAC

**DEPARTMENT OF ELECTRICAL ENGINEERING**

*In Honour of Golden Jubilee Year*

**Organising**

2 Days Workshop On

**"Photovoltaic Generation"**

Saturday & Monday, March 30 & 01, 2019

Time: 10.00am – 05.00pm

**Facilitators**

Mr. Himanshu Chawne

&

Mr. S. C. Jadhav

Assistant Professor, Electrical Department, MMCOE, Pune

Key Objectives

1. Introduction to Energy Storage System
2. Understand PV/IV characteristics of solar panel
3. Choose solar topologies for different application

NAAC Mile 30 P 31

  
16/9/19

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052.

Accredited with 'A' Grade by NAAC

Electrical Engineering Department

Ref. No.

Date: 30 / 03 / 2019

To

Himanshu Chawne

**Subject: Invitation Letter for Expert Lecture**


Dear Sir


We are pleased to invite you in Electrical Department of Marathwada Mitra Mandal's College of Engineering, Pune to deliver an Expert Lecture for our SE students on March 30, 2019 during 2pm to 4pm on the topic '**Solar Photovoltaic Systems**' in the 2 Days Workshop on the topic 'Energy Storage Systems' to be held on March 30, 2019. We request you to share your expertise and experience in the field of your work in association with topic stated above.

We look forward to a positive response towards accepting our invitation.

Thanking you

Yours' Sincerely

  
**Prof. S. C. Jadhav**  
Co-ordinator

  
**Dr. V. N. Gohokar**  
HOD Electrical

*Sincerely*  
30/3/19

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC

Electrical Engineering Department

Date: 30/03/2019

Ref. No.

To  
Himanshu Chawne

Subject: Thanking letter for conducting Expert Lecture


Respected Sir,  
We thank you for sharing your experience and knowledge of your expertise during Expert Lecture conducted on March 30, 2019 for SE Electrical students during 2 Days Workshop on "Solar Photo Voltaic Systems"

We are sure that the directions given in the expert lecture on the topic 'Solar Photo Voltaic Systems' will prove beneficial to our students.

We look forward to being associated with you in the future too.

Thanks once again.

Sincerely,

  
Mr. S. C. Jadhav  
Co-ordinator

  
Himanshu  
30/3/19

  
Dr. Gohokar V. N.  
HOD Electrical



Theory Weekly Attendance Sheet - 2018-19 (Sem - II)

Sub	Faculty	Week no.	Date/Time				Total
Roll No.	Name of Student	Cumm. Atte Max.	1st	2nd			
SE 01	APURVA PADMKAR KALE		20/3				
SE 02	ARAK ABOLI MILIND		AK	AK			
SE 03	ARUN LOKHANDE						
SE 04	ATUL ARUN MALI		Mali				
SE 05	AVHAD AMISHA BHAUSAHEB		Amu	Amu			
SE 06	AWASKAR SANKET PRAMOD		Prant	Prant			
SE 07	BAGDE NIKHIL SATISH		Bagde	Bagde			
SE 08	BIRADAR SHIVANI GOVIND		Shivani	Shivani			
SE 09	BIRAJDAR RUPESH RAJKUMAR		Rupesh				
SE 10	BISALE PRATIK PANDURANG		Pr.	Pr.			
SE 11	BISWAS HRITIK ARUN						
SE 12	CHAVAN PRATIKSHA VIJAY		Prav	Prav			
SE 13	CHIMANKARE HARISH SUBHASH		HS				
SE 14	CHINKE PRANAV PRAMODRAO		Pranav	Pranav			
SE 15	DAVE RAJ SHASHIKANT						
SE 16	DEORE NISHANT DHAIRYASHIL		Deore	Deore			
SE 17	GANDULE ROHIT RAJARAM		RP	RP			
SE 18	GAVIT HARSHADA UTTAM		Gavit	Gavit			
SE 19	GAWADE GITESH NITIN		Gawade	Gawade			
SE 20	GAWATE NIKHIL SUSHILRAO		Gawate	Gawate			
SE 21	GHODKE SUMIT DILIP		GHODKE	GHODKE			
SE 22	GHODVAIDYA ATHARVA SHYAM		GHODVAIDYA	GHODVAIDYA			
SE 23	GHONE PALLAVI SAMBHAJI		Pallavi				
SE 24	GHUGE GAURAV MILIND		Guge	Guge			
SE 25	GUJAR OMKAR PRADIP						
SE 26	HARSULE POOJA SANTOSH		Harsule	Harsule			
SE 27	JADHAV PRATHAMESH VYANKAT		Prathamesh	Prathamesh			
SE 28	KACHARE AMOL LAXMAN		Amol	Amol			
SE 29	KADU UTKARSH PRASHANT		Kadu	Kadu			
SE 30	KAJAL JAYANTILAL JAIN		Kajal	Kajal			
SE 31	KALE NIKHIL KISAN		NK	NK			
SE 32	KAMALI CHARUSHILA SHRIKANT		Kamali	Kamali			
SE 33	KANDEKAR KRANTI RAMESH						
SE 34	KHAIRNAR SHUBHAM KAILAS						
SE 35	KHANDEKAR PRIYANKA BABASAHEB		Pratyaksha	Pratyaksha			
SE 36	KHARATE ROMIT RAJESH		Romit	Romit			
SE 37	KHIRSAGAR KAUSTUBH VIKAS		Khirsagar	Khirsagar			
SE 38	KORADE POOJA SUNIL		Korade	Korade			
SE 39	KORE HEMANT VIRNATH		Hemant	Hemant			
SE 40	KORE SHUBHAM RAJABHAU						

Audit course - II workshop

SE 41	KSHIRSAGAR PAVAN PRASHANT								
SE 42	KULKARNI RUGVED PRADEEP								
SE 43	KULKARNI SHUBHANKAR SANJAY								
SE 44	MAHURE SUMEET MUNESHWAR								
SE 45	MANE ASHWINI PANDURANG								
SE 46	MARGAJE PRATHMESH SANJAY								
SE 47	MENE ADITYA VITTHAL								
SE 48	MIRAJE AKSHADA PRADEEP								
SE 49	MOHAMMAD								
SE 50	PARGE PUNAM BALIRAM								
SE 51	PATIL AJINKYA RAJENDRA								
SE 52	PATIL PRANJAL GANESH								
SE 53	PATIL VIJAY TULSHIRAM								
SE 54	PAYAL HIRAMAN PAYGUDE								
SE 55	RADE NIKITA DILIP								
SE 56	RAUL AKSHAY SANDEEP								
SE 57	SANJIVANI ASHOK SHINDE								
SE 58	SHINDE AWADHUT SADASHIV								
SE 59	SHINDE DIGVIJAY BAJIRAO								
SE 60	SHINDE KETAN BHIMRAO								
SE 61	SHIRSATH BHUSIAN BALASAHEB								
SE 62	SWAMI ASHWINI RAJKUMAR								
SE 63	SWAPNIL JADHAV								
SE 64	TEKAWADE GAUTAM SUBHASH								
SE 65	TURATE PRASAD LAXMAN								
SE 66	ULAGADDE RUSHIKESH SHIVDAS								
SE 67	WANI RUTIKA SANJAY								
SE 68	WANKHADE VEDANT VIRENDRAPANT								
SE 69	YADAV SATYAPRAKASH GAJENDRANATH								
SE 70	YUVRAJ BORADE								

Course Coordinator

**STATE LEVEL PROJECT COMPETITION 2K19**  
organized by  
**Department of Electrical Engineering, MMCOE - Pune**  
in association with  
**IEEE PES-IAS Chapter &**  
**Young Professional Affinity Group (IEEE Pune Section)**  
**Thursday, 4<sup>th</sup> April 2019**

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**REPORT**

Department of Electrical Engineering, MMCOE - Pune in association with IEEE PES-IAS Chapter & Young Professional Affinity Group (IEEE Pune Section) has organized **State Level Project Competition 2K19** for undergraduate students of electrical engineering of various colleges of Maharashtra state on Thursday, 4<sup>th</sup> April 2019 at Marathwada Mitramandal's College of Engineering, Pune - 411052. Dr. V. N. Gohokar, HoD Electrical acted as a convener and Dr. Manoj Tarambale & Prof. Akshay Suryawanshi acted as coordinator for this Project Competition.


Twenty one engineering colleges from Pune, Mumbai, Raigad, Nashik, Baramati, Indapur, Ahmadnagar etc. participated in the competition. Organizers received registration of 92 teams for competition, out of which 61 teams were given final chance to presents their projects.


The event was inaugurated at the hands of Dr. Surekha Deshmukh IEEE Chair - PES IAS Chapter & Young Professional Affinity Group ( Pune Section ) and Dr. S. M. Deshpande Principal, MMCOE, Pune. For the function all judges, HoDs & Deans of the college, all event coordinators and all staff of the department where present.

Received projects were divided into six groups such as pure electrical, power electronics based, non-conventional energy sources based, IoT based electrical applications, pure software design based, automation based (PLC & SCADA) etc. To evaluate these projects, a team of six judges were appointed from industry and

academia namely Dr. Mandar Bhavalkar, Shri. Rajendra Joshi, Shri. Shantanu Dixit, Shri. Mukul Joshi, Shri. Yogendra Talware etc. The judges evaluated all the participated groups ( 53 numbers ) on the basis of originality, innovation, presentation skills, project completion status, questions & answers based on project etc.

The valedictory function was arranged on the same day at 2:30 pm. The chief guest for the function was Dr. Mandar Bhavalkar. Six prizes were given to the best projects ( List Attached ) namely hardware category ( 3 cash prizes - ₹ 3500/-, ₹ 2500/-, ₹ 1500/- ), software category ( 1 cash prize - ₹ 1500/- ), best multidisciplinary project ( 1 cash prize - ₹ 1000/-) and best design project ( 1 cash prize - ₹ 1000/- ). In the function Dr. Manoj Tarambale spoke about event review, Dr. S. M. Deshpande addressed audience on various college activities and Dr. Mandar Bhavalkar has given information on IEEE organization and appeal students to take membership of IEEE. The function was concluded by vote of thanks given by Prof. B. B. Bhure.

  
**Prof. A. S. Suryawanshi**  
Coordinator

  
**Dr. M. R. Tarambale**  
Coordinator

**Dr. V. N. Gohokar**  
Convenor

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Inauguration of Event – State Level Project Competition 2K19



Felicitation of Dr. Surekha Deshmukh (Chair: IEEE PES-IAS Chapter Pune Section)

## STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE

IEEE PES-IAS Chapter &

Young Professional Afinity Group (IEEE Pune Section)

**Day: Thursday**

**Registration Sheet**

**Date: 4th April 2019**

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	NEHA BHOSALE SHRADHA SASANE SHWETA BHARAMBE NILIYA LADHE	EE019	PVG's COET ,PUNE- 411009	8180047368	FIRE EXTINGUISHING USING FIREBIRD 5 ROBOT	<i>Neha Shradha Shweta Nilaya</i>
2	Sankalp Hande Shubham Chintalwar Hitesh Daundkar	EE051	JSPM'S Bhivarabai Sawant Institute of technology and research,Wagholi	8605162523	ARDUINO BASED SMART BELL	—
3	Kishori Rupnur Vipul Badhe Aniket Kesarkar Pramod Jaybhaye	EE025	Pune Vidyarthi Griha's College of Engineering and Technology, pune	8605949677	CONTROL STRATEGIES FOR AN INVERTER	<i>Kishori Vipul Aniket Pramod</i>
4	Suyog Hiray vaibhav Raulwar Durgesh Nikam	<del>EE029</del>	Aissms ioit ,pune	8605185449	H BRIDGE INVERTER	—
5	Anurag Lambor Ninad Gawande Onkar Dahiwal Pranav Deshmukh	EE038	AISSMS COE Pune - 01	7058895560	AUTOMATIC GATE OPERATING DEVICE WITH AUTO SPEED CONTROL TECHNOLOGY.	<i>Anurag Ninad Onkar Pranav</i>

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
6	Amol Jadhao Avinash Ahire Tejal kadam.	EE047	JSPM'S BSIOTR , WAGHOLI, PUNE	07972693231	ONLINE PARAMETER MONITORING AND SPEED CONTROL OF DC MOTOR USING CAN PROTOCOL.	<u>A. Jadhao</u> <u>A. Ahire</u> <u>T. Kadam</u>
7	Swapnil Namdev Kadu, Sushma Bharat Mulay, Akshada Vilas Nighute, Aditi Balasaheb Jadhav	EE062	Amrutvahini college of engineering, Sangamner	7350777380, 9112280064, 9284954385, 9422664981	WIRELESS MULTIPURPOSE AGRICULTURAL ROBOT BASED ON SOLAR ENERGY	<u>Swapnil</u> <u>Sushma</u> <u>Aditi</u>
8	Shubhangi Surkutlawar, Akshay Sonavane, Pratiksha katti	EE069	JSPMs JSCOE	9049457468	FOUR QUADRANT CHOPPER	_____
9	Akash Rajmane Imran Shaikh Pratik Rajpure	EE074	JSPM's BSIOTR, Wagholi, Pune	8600705783	ENERGY CONSERVATION USING VFD IN AGRICULTURAL AREA	<u>P. S. Raj</u> <u>A. Rajmane</u>

Total No: 06

Amol  
Co-ordinator




## STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE  
IEEE PES-IAS Chapter &  
Young Professional Afinity Group (IEEE Pune Section)

**Day: Thursday**

**Registration Sheet**

**Date: 4th April 2019**

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Shubham Kale Mohan Patil Yogesh Ghodake	EE015	AISSMS-COE, Pune	7030080063	ELEVATOR CONTROL USING PLC, HMI AND ENCODER	
2	Mandar Limaye. Harshada Patil	EE017	AISSMS COE,Pune	8149212599	AUTOMATIC CAR PARKING USING PLC	
3	Rohit Tanksale Shubham Gondhali Rutuja Ghugarkar Pranjali Pattanshetti	EE022	AISSMS COE PUNE	8329547383	ELECTRICAL LOAD MANAGEMENT USING PLC AND SCADA	—
4	Akshay Pachpute Bhakti Dhongade Mudit Jain Shubham Pathare	EE030	P. E. S.s Modern College of Engineering Pune	7057692026	SMART BOTTLE DISPENSER AND FILLING	



Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
5	Pravin Chittekar, Prachi Shinde, Aditya Khoje	EE031	AISSM IOIT	8484000759	MANAGEMENT OF LOAD BY PLC & SCADA	—
6	Harshraj, Shruti, Mohit, Amol	EE033	PVG'S COET. Pune	8605007522	PROTOTYPE OF AUTOMATED SORTING	—
7	Arpit Patle, Pratik Kurbet, Saurabh Kulkarni, Akshay Borse	EE055	Marathwada Mitra Mandal, College Of Engineering	8308830240	BUILDING MANAGEMENT SYSTEM USING PLC AND SCADA	<del>Patle</del> <del>P.V. Kurbet</del> <del>Patle</del> <del>Patle</del>
8	Akshay Walke      Rahul Disa,                      Nikhil Gimhavanekar	EE082	AISSMS IOIT	9421832333	IOT BASED BUILDING AUTOMATION	<del>Akshay</del> <del>RD</del> <del>Disa</del>

Total: 05

*Amey*  
co-ordinator

consolation.

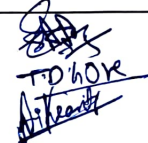


**STATE LEVEL PROJECT COMPETITION 2K19**  
 Department of Electrical Engineering ,MMCOE  
 IEEE PES-IAS Chapter &  
 Young Professional Afinity Group (IEEE Pune Section)

E → 110

**Day: Thursday**

**Registration Sheet**

**Date: 4th April 2019**

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Shubham Avhad Tanmay Gore , Vikrant Chincholkar, Vedant Satpute	EE010	P.E.S Modern college of engineering	7507382497	ARTIFICIAL INTELLIGENT MULTI- METER	
2	Priyanka Bhosale, Vedant Wankhede, Vidyadhar shinde, puja Late	EE023	Pune Vidyarthi Griha's college of engineering and technology, pune	9545977491	SPEED CONTROL OF PERMANENT MAGNET SYNCHRONOUS MOTOR	—
3	Shon Chaudhari, Omkar Katore, Pranav Salvi, Gautam Vikhe	EE026	PVG'S Coet	9511249425	AUTOMATION IN AGRICULTURAL PROCESSES	
4	kamble vijaykumar, gorde gajanan, lahade amar.	EE044	jspm's bsioir wagholi,pune.	7507181626, 9763000000	MICROCONTROLLER BASED IRRIGATION SYSTEM	
5	Nagawade Gouri Sharadchandra, Nande Shridevi Navanath, Mehetre Pratap.	EE045	JSPM BSIOTR - Wagholi,pune	9657669945	MAGANETIC REPULSION PISTON ENGINE	—

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Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
6	Rupali, pooja , trupti, pooja	EE040	Met bkc	9689642990	IIT BASED TRANSFORMER AND INDICATION MOTOR PARAMETER MONITORING	_____
7	Shubham Patil, Pranav Kumbhar, Mrunali Mehta, Prachi Jadhav	EE065	Pillai Hoc college of engineering and technology	8390312184	HEAD GESTURE CONTROLLED WHEELCHAIR (SMP^2)	_____
8	BADGUJAR KHUSHAL, BHOR KAILAS, PANCHAL SWAPNIL	EE068	D.Y.PATIL, COLLEGE OF ENGINEERING, AMBI, PUNE	8793432923	MINI CNC PLOTTER	_____
9	SANGMESHVAR Panchakshri,Laxman ghorpade, Kanchan sankhe	EE076	Jspm bsiotr wagholi, Pune	9405002539	SMART SECURITY SYSTEM FOR BIKE RIDERS	<u>Sangam</u> <u>Wagle</u> 1-
10	Nikita bondre, shubham mahajan, shivani daigavane	EE081	Marathwada mitramandal's college of engineering, pune	7218018129 9309900000 451	SMARTLY CONTROLLED MULTIPURPOSE DOZER	<u>Nikita Jan</u> <u>Shudavia</u>
11	Akshay Chaitkani Sagar guwale (Aniket harshbadi) <del>_____</del> Shubhanjay Baroli	EE073	W.M. COE	7776016943		<u>Aniket</u> <u>Sagar</u> <u>Baroli</u>

Coordinator

Total: 06

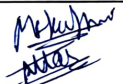
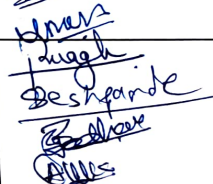
# STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE  
IEEE PES-IAS Chapter &  
Young Professional Afinity Group (IEEE Pune Section)

**Day: Thursday**

**Registration Sheet**

**Date: 4th April 2019**

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Tejasvini gawali, mandar Kulkarni, tamanna attar, umair mulia	EE012	Aissms coe pune	9130322702	DC TRANSFORMER	
2	Pranjal Uttam Wagh, Akshay Anandrao Jadhav, Chaitanya Sunil Deshpande, Akshay Maruti Kengale	EE018	PVG's college of Engineering and Technology, Pune-09	8308325708	ADVANCED METERING INFRASTRUCTURE	
3	Rahul Vadinkar, Aditya Jadhav, Rusikesh Chavan, Amol Jadhav	<del>EE028</del>	Sandip Institute of Engineering and Management, Nashik	7020913300	AUTOMATIC LOAD BALANCING AT DISTRIBUTION POLE	_____
4	Kirti Mundada, Akshay Barhate, Bhargavi Kulkarni	<del>EE046</del>	Jspm's BSIOTR, Wagholi	8484885899	SMART INTERNET OF THINGS BASED AUTOMATIC POWER FACTOR CONTROL	_____
5	Rahul Ugalmugale, Tushar Padekar, Shailesh-Sanap, Abhishek Sanap	<del>EE037</del>	R.H.Sapat college of Engineering, Nashik	8379970592	ELECTROSTATIC PRECIPITATOR	_____

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
6	Shruti Ravindra Joglekar	EE039	G.E.S R.H.Sapat college of engineering	7249019438	SATURATION CORE BASED (FCL)	<i>[Signature]</i>
7	Nitin Biradar, Kamal Gavhane, Rupali Ghule	EE056	MMCOE, Karvenagar	7387012931	OPEN CIRCUIT AND SHORT CIRCUIT TEST ON TRANSFORMER BY USING ARDUINO UNO	<i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>
8	Sankalp Bhosale , Chandrashekhar sonar, Ganesh Kale, Chandrashekhar Sonar	EE058	Marathwada Mitra Mandals college of Engineering	9422483667	DYNAMIC VOLTAGE RESTORER	<i>[Signature]</i> sonar Bhosale
9	Madhuri Hembade, Anita jadhav, Kavita gunjal	EE077	JSPM'S BSIOTR,wagholi	7263827362	FIRE EXTINGUISHER USING SOUND WAVES	<i>[Signature]</i> Anshu <i>[Signature]</i>

Total : 06

*[Signature]*  
(Co-ordinator)

**STATE LEVEL PROJECT COMPETITION 2K19**  
 Department of Electrical Engineering ,MMCOE  
 IEEE PES-IAS Chapter &  
 Young Professional Afinity Group (IEEE Pune Section)

Ground

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
✓ 1	Ketan Maske, Mukesh Patil, Dhiraj Pradhan	EE016	AISSMS College Of Engineering, Pune	8552035111	A HYBRID SOLAR WIND GENERATION SYSTEM USING AIR TURBULENCE CREATED BY VEHICLES ON HIGHWAYS	<u>W.P.S.</u> <u>M.Patil</u> <u>D.Pradhan</u>
2	Prajakta Mhatre, Sarita Kamble, Ashwini Shirke	<del>EE059</del>	Zeal college of engineering and research madhe, pune	7744847343, 8999517137, 9607626119	ELECTRIC BIKE	—
✓ 3	Avdhoot Gode, Swapnil Kharate, Ruturaj Bokil	EE078	AISSMS Institute of Information Technology, Pune	8983131018, 9822914464, 9420597012	DESIGN AND CONTROL OF ELECRC BICYCLE	<u>R.G.</u>

Total: 02

Group  
(Co-ordinator)

# STATE LEVEL PROJECT COMPETITION 2K19






Department of Electrical Engineering ,MMCOE  
IEEE PES-IAS Chapter &  
Young Professional Afinity Group (IEEE Pune Section)

102


Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Vardan Saxena, Alok Ghodke, Rihan Gavandi, Nikhil Karale	EE024	PVG's College of Engineering & Technology, Pune	9011034332	EVALUATION OF PARAMETERS DURING MOTORING AND REGENERATIVE BRAKING OF BLDC MOTOR FOR USE IN ELECTRIC VEHICLES	 
2	Aakash N Kotkar, Mrunali M Kokate, Najmin S Inamdar, Nitesh G Patil	EE066	Pillai Hoc College of Engineering & Technology, rasayani	8419978898, 9082627604, 9145053425, 9763737113	SMART GREEN HOUSE USING IOT	—
3	Vikas Nemane , Suruchi Sinha. Sayali Mungase	EE071	PVG's COET Pune	8237883273	IMPLEMENTATION OF LOAD FORECASTING SYSTEM USING ARTIFICIAL NEURAL NETWORK	  

Total: 02

  
Co-ordinator

106-A

## STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE

IEEE PES-IAS Chapter &amp;

Young Professional Afinity Group (IEEE Pune Section)

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Yash Gupta , Mayur Chavan , Harshal Akole	EE011	Sandip Foundation's, Sandip Institute Of Engineering & Management Nashik	9823567858	MYH 6IN1 SMART SOCKET	<i>Yash Gupta</i> <i>Mayur Chavan</i> <i>Harshal Akole</i>
2	AISHWARYA GORE, ARJUN MANDAVKAR, AVINASH MAYKAR, MIHIR PAYGUDE	EE021	PVG'S COET, PUNE	9325073974	SMART WASTE SEGREGATION SYSTEM USING IOT	<i>Aishwarya Gore</i> <i>Arjun Mandavkar</i> <i>Avinash Maykar</i> <i>Mihir Paygude</i>
3	CHETAN UTTAM SURWADE, SASANGHARSHNGHARSH KAMLAKAR SURWASE, RAHUL GOVIND WARKAD	EE050	Jspm's Bsiotr Wagholi pune	8600110426	SMART TROLLEY SYSTEM USING RFID	<i>Chetan Uttam Surwade</i> <i>Sasangharshngharsh Kamalakar Surwase</i> <i>Rahul Govind Warkad</i>
<i>Cancel</i> 4	Runesh Kansara, Sahil Pate, Chetana Yeola.	EE027	Sandip Institute of Engineering and Management, Nashik	8698666820	ROBOTIC ARTHROPOD SURVEILLANCE SYSTEM	<i>Runesh Kansara</i> <i>Sahil Pate</i> <i>Chetana Yeola</i>
5	<i>Tanvi Gondse</i> NIHAR MANISH KAMBLE <i>Mithulesh Kharche</i> <i>Aditya Barasakar</i>	EE032	AISSMS College of Engineering Pune	+917387471213	INDEPENDENT SMART POLE	<i>Tanvi Gondse</i> <i>Nihar Manish Kamble</i> <i>Mithulesh Kharche</i> <i>Aditya Barasakar</i>



Asst. Prof. Poojashree Ashwini

13/11/2024

6	KOMAL POPAT JAGDALE, AMIT SATYANARAYAN LOHIYA, OMKAR RAJARAM PURANE, NEEL KISHOR BHARAMBE	EE052	MMCOE	7745869290, 8482973036, 8830163281,9021066 558	DECISION MAKING SENSOR TO MONITOR ENERGY FLOW IN SMART GRID
7	Akshay Bharambe, Kshitija Patil, Prerana Patil, Pranit Nimkar, Srushant Wankhede	EE035	AISSMS IOIT, Pune	8805200343, 8788909879	DESIGN AND IMPLEMENTATION OF ENERGY MONITORING AND MANAGEMENT SCHEME AT AISSMS IOIT, PUNE
8	Vaishnavi Deshpande , , Anuradha patil , susmita pawar , Shubham hatwar	EE053	MMCOE	9834251325, 7387863031, 9028071600, 9405687776	WIRELESS ELECTRIC CAR CHARGING
9	Shoaib Khan Shoaib khan +3 Aditya Athire	EE036	R. H. Sapat college of engineering management and research	8087232219	ELECTROSTATIC SPREYAR
10	SANDESH, Priti, Anjali, parikshit	EE054	MMCOE	7745880025	BABY INCUBATION SYSTEM
11	Ravindra sirsath. Suraj korade. Prasad Potdar. Shubham Jadhav	EE057	MMCOE PUNE	9049385841	DISASTER MANAGEMENT IN RAILWAY AND ENERGY SAVING

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Co-ordinators

10

1/2

12	Ashwini Gaikwad, Pooja jambhale, Pooja Kokate	EE061	PES'S Modern college of engg pune	9146617029	COST EFFECTIVE SOLUTION FOR HYBRID VEHICLES USING HUB MOTOR	Rishity <del>Betikooal</del> <del>Xambhake</del> <del>Pokate</del>
<del>cancel</del> 13	Prathamesh chungadi, karan thakur, tejas thange, arbaaz shaikh	EE067	Pillai HOC College Of Engineering and Technology	9869221391, 8485852751, 8149789897,	REGENERATIVE BIKE	—
<del>cancel</del> 14	Prasad G. Pathak Dnyaneshwar T. Panzade Mansi R. shastri	EE075	Bhivarabai Sawant Institute of Technology & Research	7709523351 9049237000	FAULT MONITORING OF SOLAR PANELS USING WI-FI	—

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Page 2/4

Total: ~~08~~ 11

(10+01)

*[Signature]*  
Coordinator

DATE: 03/04/2019

**SUBMITTED:**

**SUB:** Permission to approve budget to conduct Workshop on "Applications of Power Electronics" for the subject Audit Course IV for TE Electrical Students.

**Respected Sir,**

The Electrical Department is conducting a workshop on " Applications of Power Electronics "for TE Electrical students for the subject Audit Course IV on 8<sup>th</sup> April 2019. The workshop will start at 9.30 am on 8<sup>th</sup> April 2019. Mr. Aranake , (Professor ,Consultant , Sunay Enterprises Shivane ) is going to take an expert lecture on " **Design and build of low cost DC to DC converters for power electronic application (Buck, Boost ,Buck – Boost Converter)**" for two hours (in one sessions) for the same.

Remuneration for expert lecture will be Rs. 2500/- (Rs 2000/- Remuneration+ Rs. 500/- Travel allowance) as per our college norms.

Since the workshop will start at 9.30 am, we wish to give students breakfast and tea. The amount required for breakfast is 1500/-

I kindly request you to sanction amount of 4000/- for the same.

Mrs. S.A. Upasani  
Workshop Co-ordinator  
Electrical Department

Dr. V. N. Gohokar  
HOD  
Electrical Department

To,  
Principal  
MMCOE, Karve Nagar  
Pune-52.

*Permitted  
- sides start*

*5000  
1017*

*File No: - 28  
10/04/19*



‘विश्वे जगन्नाथे ह्यसि ।’

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52

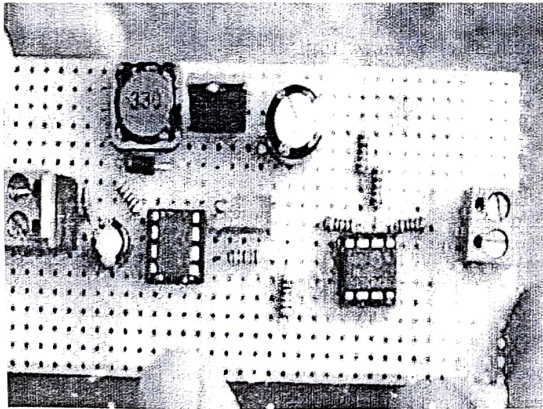
Accredited with 'A' grade by NAAC

DEPARTMENT OF ELECTRICAL ENGINEERING

PRESENTS

Workshop On

‘Application of Power Electronics’



Friday 8<sup>th</sup> April 2019

KEY OBJECTIVES:

After completion of the course student should be able to:

Sr. No	Content	PO and PSO Mapping
1	Understand working principle of step down and step up chopper (Buck – Boost Converter ) with R-L load	PO12 -1 PSO1-1
2	Explain performance parameters of DC to DC converters –buck, boost , buck-boost	PO12-1 PSO1-1
3	Simulate of DC to DC converters using Matlab	PO12 – 1 PSO1 -2
4	Build DC to DC boost converter. (5 to 15 V, 0.5 Amp)	PO 9-2 PO12 - 1 PSO1 – 3

CONTRIBUTORS:

1. Prof. Aranake (Consultant in Design of Power Electronics Circuit )
2. Prof. S.A.Upasani ( AP MMCOE )
3. Prof. Christina Thottan (AP MMCOE)

SCHEDULE:

**Day 1 Monday , 8/04/2019**

- 9.30 to 10.00 am : Registration  
10.00 to 12.00 am : Inauguration & Session 1 by Mr. Aranake  
12.00 to 12.15 am : Tea Break  
12.15 to 1.00 am : Session 2 . by Mrs.Christina Thottan  
(Software simulation using Matlab)  
01.00 to 01.45 pm : Lunch Break  
01.45 to 03.45 pm : Session 3 , by S.A.Upasani (Hands on Session)

**Day 2 Tuesday , 09/04/2019**

Industrial visit at Chetan Electricals, Shivane

Marathwada Mitra Mandal's  
**College of Engineering**  
 Electrical Engineering Department

**Workshop on Applications of Power Electronics**

Date: 08/04/2019

Day: Monday

Sr. No.	Name of the Student	Session 1	Session 2	Session 3
1	AAFAQ AHMAD BHAT	Ahmad	Ahmad	Ahmad
2	AMIT KUMAR GUPTA	Amit	Amit	Amit
3	ANMULWAD SHYAM SAMBHAJI	Anmulwad	Anmulwad	Anmulwad
4	ARMAL VISHAL SUDHAKAR	Armal	Armal	Armal
5	AWASTHI AKSHAY DHANANJAY	Akshay	Akshay	Akshay
6	BARI SHUBHAM VASUDEV	Shubham	Shubham	Shubham
7	BHALKARE CHETAN NARAYAN	Chetan	Chetan	Chetan
8	BODKE PRANAV SANJAY	Pranav	Pranav	Pranav
9	BUDDAWAR VAIBHAV NARSIMLU	Vaibhav	Vaibhav	Vaibhav
10	CHOUGULE KUNAL SUJEET	Kunal	Kunal	Kunal
11	DAVANE MONIKA ANKUSH	Monika	Monika	Monika
12	DESHMANE MEGHA ABASO	Megha	Megha	Megha
13	GAME KARTIK RAJENDRA	Kartik	Kartik	Kartik
14	GAURI KULKARNI	Gauri	Gauri	Gauri
15	GAVHANE SHUBHAM KISAN	Shubham	Shubham	Shubham
16	HUKKERIKAR SIDDHI SANJEEV	Siddhi	Siddhi	Siddhi
17	JADHAV CHETAN NANASAHEB	Chetan	Chetan	Chetan
18	JOSHI PRADNYA ANIL	Pradnya	Pradnya	Pradnya
19	KAGDE PALLAVI BHARAT	Pallavi	Pallavi	Pallavi
20	KAPADANE AASHISH MUKUNDRAO	Aashish	Aashish	Aashish
21	KAWALE CHHAYENDRA VISHNU	Chhayendra	Chhayendra	Chhayendra
22	KULKARNI MRUNAL DATTATRAYA	Mrunal	Mrunal	Mrunal
23	MALI SAMEEKSHA UMESH	Sameeksha	Sameeksha	Sameeksha
24	MARATHE YASH UDAY	Yash	Yash	Yash
25	MESHARAM RAHUL DAMODHAR	Rahul	Rahul	Rahul
26	MORKHANDE AVINASH SANGRAM	Avinash	Avinash	Avinash
27	NAIKAWADI NIKHIL PRADIP	Nikhil	Nikhil	Nikhil

28	NANAWARE ASHUTOSH GOVIND			
29	NARWADE MANISHA DEVRAO	<i>Narwade</i>	<i>Narwade</i>	<i>Narwade</i>
30	NAYKAWDI YOGESH ASHOK MEERA			
31	NEMADE RISHIKESH RAJENDRA VANDANA	<i>Nemade</i>	<i>Nemade</i>	
32	PADOLE AISHWARYA SHIVANANDRAO	<i>Padole</i>	<i>Padole</i>	
33	PADOLE VAISHNAVI NILKANTH	<i>Padole</i>	<i>Padole</i>	
34	PALASH SANJAY BOBADE	<i>Palash</i>	<i>Palash</i>	<i>Palash</i>
35	PATIL PRITI VIJAY			
36	PATIL ROHAN GOPAL			
37	PATIL URVESH SUBHASH	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>
38	PIMPARKAR POOJA HEMRAJ	<i>Pimparkar</i>	<i>Pooja</i>	
39	PRADEEP BABU KUTE			
40	PRIYA SANJAY MORE	<i>Moel</i>	<i>Moel</i>	
41	RAIPATREWAR AKANKSHA NITINRAO	<i>Raipatrewar</i>	<i>Raipatrewar</i>	
42	RAJE PRAJAKTA DHANANJAY	<i>P.D. Raje</i>	<i>P.D. Raje</i>	<i>P.D. Raje</i>
43	RAMOSHI JYOTI BHAGWAT	<i>Ramoshi</i>	<i>Ramoshi</i>	
44	RUTVIK CHINCHMALATPURE	<i>Rutvik</i>	<i>Rutvik</i>	<i>Rutvik</i>
45	SALUNKHE PRASAD BABASAHEB	<i>Prasad</i>	<i>Prasad</i>	<i>Prasad</i>
46	SANKPAL ROHAN UTTAM	<i>Sankpal</i>	<i>Sankpal</i>	<i>Sankpal</i>
47	SANYOG CHAMLATE NISHA	<i>Sanyog</i>	<i>Sanyog</i>	
48	SARWADE PRATIKSHA SHAHURAI	<i>Sarwade</i>	<i>Sarwade</i>	<i>Sarwade</i>
49	SHAIKH SAMEER SHAHADAT			
50	SHINDE OMKAR ASHOK	<i>Shinde</i>	<i>Shinde</i>	<i>Shinde</i>
51	SHIRKE ASHISH GAJANAN	<i>Shirke</i>	<i>Shirke</i>	<i>Shirke</i>
52	SHIVAM R CHAUBEY	<i>Shivam</i>	<i>Shivam</i>	
53	SUTHAR DEEPAK JIVARAM	<i>Suthar</i>	<i>Suthar</i>	<i>Suthar</i>
54	THAKARE KANCHAN RAVINDRA	<i>Thakare</i>	<i>Thakare</i>	
55	WAGHMARE MRUNALI BHAGVAN	<i>Waghmare M.B</i>	<i>Waghmare M.B</i>	<i>Waghmare M.B</i>
56	WAGHMARE SHAKUNTALA SHIVAJI			



Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
S. No. 18, Plot No. 5/3, Karvenagar, PUNE - 411 052  
Tel: 020-25473160 Fax: 020-25470909  
Website: www.mmcoe.edu.in

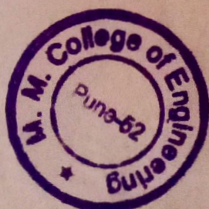
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**FILE NO 31**

**SEMINAR/WORKSHOP/CONFERENCES ORGANIZED BY  
DEPARTMENT**

**A. Y. 2018 - 19**

Sr No	Name of Event	Target Audience	Type	Dates
1.	Artificial Intelligence and Machine Learning	Faculty Members	FDP	06/06/2018 to 10/06/2018
2	Workshop on C Programming (Add-on)	SE Students	Workshop	26/06/2018 to 03/07/2018
3	Android Application Development (Add-on)	TE & BE Students	Workshop	27/07/2018 & 28/07/2018
4.	3.5 days workshop on "Requirement specifications and Design of Project" (Add-on)	BE Students	Workshop	17/08/2018, 18/08/2018, 25/09/2018, 06/10/2018
5.	Data Science by ATS (Add-on)	SE, TE & BE Students	Training Program	09/10/2018 to 12/10/2018
6.	State Level workshop on "Augmented Reality and Mixed Reality"	Faculty Members	FDP	07/12/2018 & 08/12/2018
7.	Cyber Security and Ethical Hacking (Add-on)	SE, TE & BE Students	Workshop	08/02/2019 & 09/02/2019
8	"Cyber Security" Funded by PMMMNMTT	Faculty Members	FDP	11/02/2019 to 16/02/2019



Dr. V. S. Bidve  
HOD, IT

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Academic Year: 2018-19 (Sem - I)

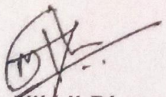
Event Name: *Two days workshop on "Android Apps Development" in association with Aakar IIT Bombay under Techradiance 2019.*

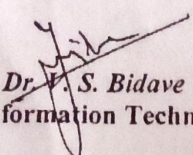
Event Date: 27<sup>th</sup> to 28<sup>th</sup> July 2018

Venue: DBMS Lab, 4<sup>th</sup> Floor, MMCOE, Pune

Department of Information Technology had organized Two days workshop on "Android Apps Development" in association with Aakar IIT Bombay under Techradiance 2019. Total 29 students from IT & Computer department participated in this event. Resource person for the workshop was Mr. Vaibhav Jadhav.  
Following contents are covered during workshop :

1. Introduction to the Android world
2. Understanding the Building Environment for Android
3. Understanding Layouts
4. Getting familiar with Activity
5. Understanding various Notifications
6. Developing Applications

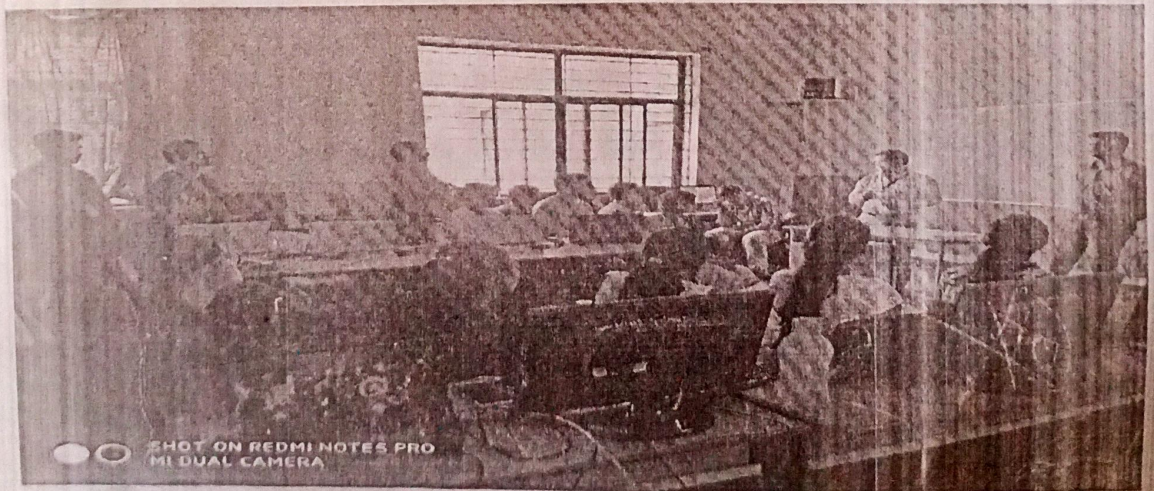
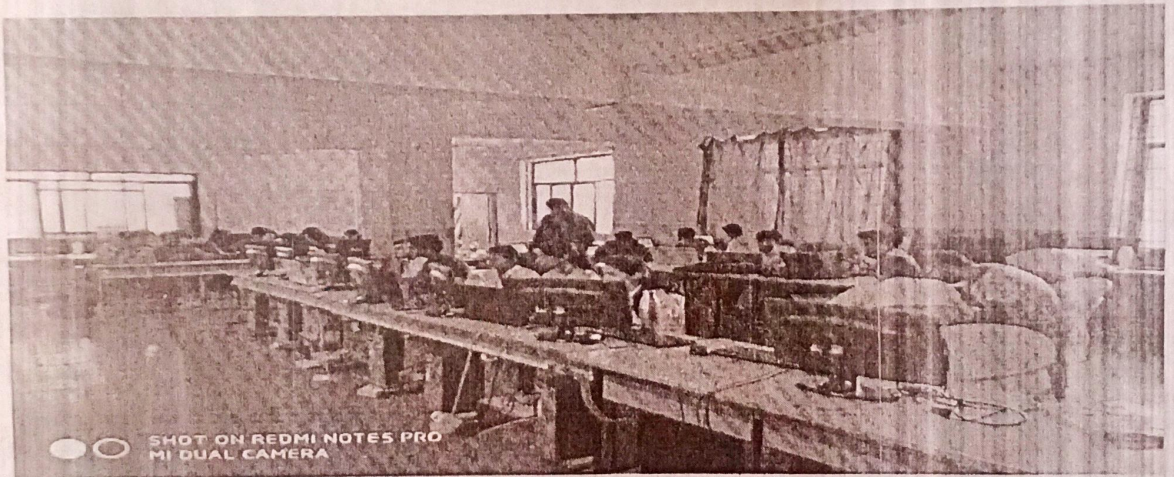
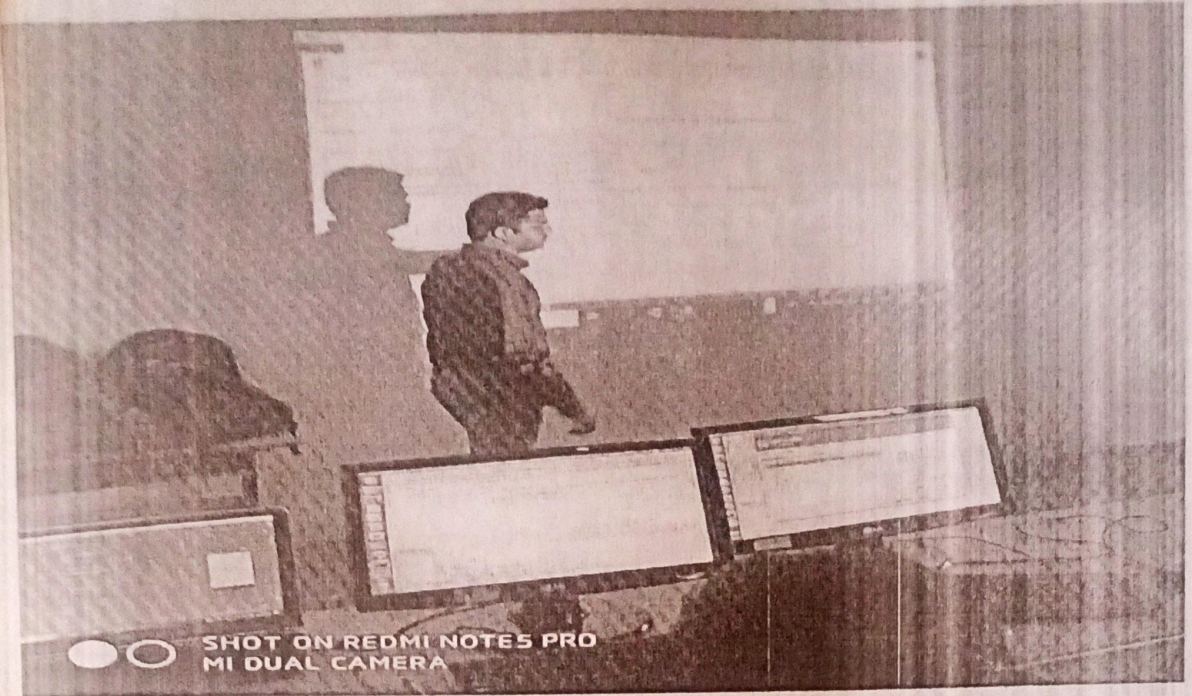
  
Mr. Nikhil Dhavase  
Coordinator

  
Dr. V. S. Bidave  
Head, Information Technology

NAAC File No : 31



Photographs of Event :



**DEPARTMENT OF INFORMATION TECHNOLOGY**

Academic Year: 2018-19 (Sem - I)

**Event Name:** Five days Faculty Development Program on "Artificial Intelligence using Machine Learning and Deep Learning" (In Association E-Summit-2018, IIT-Roorkee and Finland Labs, Revert Technology Pvt. Ltd New Delhi)

**Event Date:** 06<sup>th</sup> June & 10<sup>th</sup> June 2018

**Venue:** Programming Lab, Room No 413, 4<sup>th</sup> floor

Department of Information Technology, MMCOE had organized a Five days faculty development program on "Artificial Intelligence using Machine Learning and Deep Learning" dated 06<sup>th</sup> June 2018 to 10<sup>th</sup> June 2018 in association with E-Summit-2018, IIT-Roorkee and Finland Labs, Revert Technology Pvt. Ltd New Delhi. The FDP was organized under Center of excellence of our department in Computational Intelligence.

There were total 24 participants registered for the FDP, from them total 14 participants attended the session for all five days.

Day 1: Introduction Of Deep Learning and Artificial Intelligence

Day 2: Introduction Neural Network

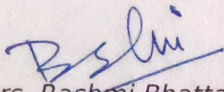
Day 3: Python

Day 4: Working on Various Python Library

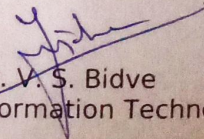
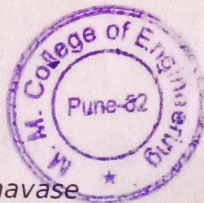
Day 5: TensorFlow

More detailed syllabus of contents covered is attached in the file.

Resource person conducted the FDP were Mr. Deepak Mane, Mrs. Kirti Bihade and Ms. Rashmi Bhattad, all python libraries like numpy, panda, etc were covered into the FDP.



Mrs. Rashmi Bhattad, Mr. Nikhil Dhavase  
Workshop Coordinators



Dr. V. S. Bidve  
Head, Information Technology

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
 S. No. 18, Plot No. 5/3, Karvenagar, PUNE - 411 052

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**GUEST LECTURES/ EXPERT LECTURES ORGANIZED**

**Academic Year 2018-19**

Sr. No	Name of Visitor	Academicians/ Industry Person	Designation and work place	Purpose of visit	Date	Beneficiary class
1.	Mr. Amol Aher	Industry (Under MoU)	Kasnet Technologies	Lecture on "Technical Seminar"	06/07/18	SE
2.	Mr. Adinath Giri	Academician	Tech Hub, Pune	Carrier Guidance	06/07/18	TE
3.	Dr. H. R. Bhaskar	Academician	MIT School of Engineering, MIT ADT, University, Loni Kalbhor, Pune	Lecture on "Groups and Rings- Discrete Structures"	25/09/18	SE
4.	Dr. Shweta Dharmadhikari	Academician	PICT, Pune	Reinforcement Learning	26/09/18	BE
5.	Mrs. Pradnya Pophalikar	Industry (Under MoU)	Cybervault Security Solutions Pvt Ltd	Tools and Methods used in Cyber crime	27/09/18	TE
6.	Mr. Vivek Kulkarni	Industry	Persistent Systems Pvt Ltd	Decidable and undecidable problems, P & NP class of Problems	12/10/18	TE
7.	Mr. Saudagar Barde	Industry	CEO, e-hidenbrain Pvt Ltd	Internships and Placements	13/02/19	SE & TE
8.	Dr. Anjali Chandawale	Academician	Professor and Dean Second Shift, MITCOE, Pune	Multitasking	13/02/19	SE
9.	Mr. Diwakar Pedgaonkar, Mr. Bababsaheb Salunke, Mr. B. R. Kurhade	Pune Police	PI, ASI, ASI, Traffic Dept.,  Pune Police	Road Safety Awareness	10/10/18	SE
10.	Mr. Anurag Sangale	Industry	Software Developer at Ecorise Software Solutions	Guest Lecture on Data Structures and Files	03/04/19	SE
11	Mr. A. K. Ajay	Industry	Cloud IT Solutions	Guest lecture on jQuery	04/04/19	BE

*Dr. V. S. Bidve*  
 HOD, IT



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**COLLEGE OF ENGINEERING**

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

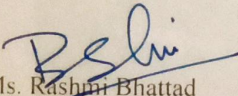
Academic Year: 2018-19 (Sem - I)

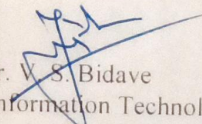
**Event Name:** *Technical Seminar for SE IT students*

**Event Date:** *6<sup>th</sup> July 2018*

**Venue:** *Class room no : AC 404, 4<sup>th</sup> Floor, MMCOE, Pune*

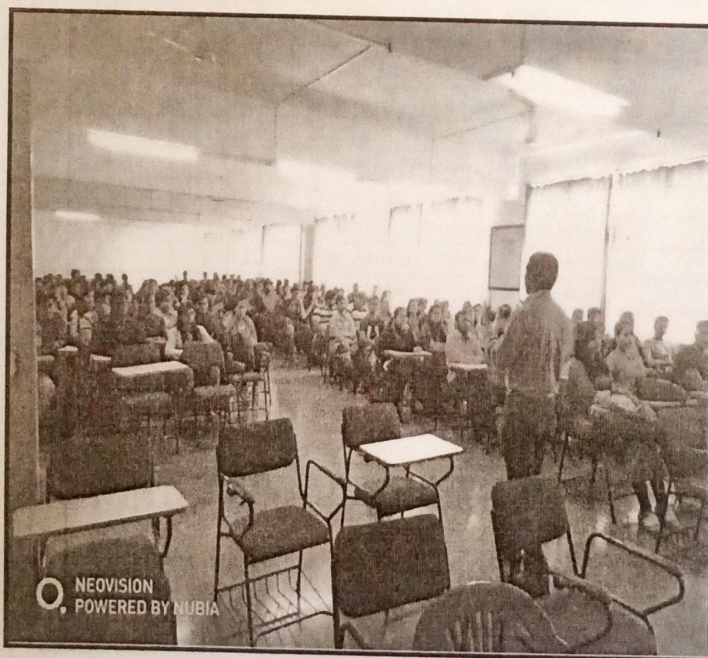
*Department of Information Technology has organized guest lecture cum technical seminar for second year students 6<sup>th</sup> July 2018. This session was organized under the MoU with Kasnet Technologies Pvt Ltd, the aim of arranging the session was making students aware about the technologies that are on boom and on which industries are working. The second aim was to give students guidance on how to get industry ready covering interview and aptitude preparation. Resource person for the same was Mr. Amol Aher, Director Kasnet Technologies Pvt Ltd. Total 54 students were present for the same.*

  
Ms. Rashmi Bhattad  
Asst. Prof.  
Coordinator

  
Dr. V. S. Bidave  
Head, Information Technology

# COLLEGE OF ENGINEERING

Photos of the event :



# Marathwada Mitra Mandal's COLLEGE OF ENGINEERING

Karve Nagar, Pune-411 052

Department: Information Technology

Class : SE

Attendance Kasnet - Guest Lecture

Date: 06/07/18

Sr. No.	Roll No.	Name of the Student	Signature
1	SI01	Abhyankar Sanika Suhas	<i>Abhyankar</i>
2	SI03	Barge Akash Rajendra	<i>Barge</i>
3	SI04	Bhalerao Amruta Dhananjay	— AB —
4	SI05	Bhalke Sonali Sudam	<i>Bhalke</i>
5	SI06	Bhavsar Gaurav Dilip	<i>Bhavsar</i>
6	SI07	Bimalkhedkar Prajakta Prakash	<i>Bimalkhedkar</i>
7	SI08	Bisht Aman Chandansingh	— AB —
8	SI09	Chate Shreyas Dhananjay	<i>Chate</i>
9	SI10	Chavan Bhakti Sanjay	— AB —
10	SI11	Chougule Riya Vijay	<i>Chougule</i>
11	SI12	Dayma Swaraj Omprakash	<i>Dayma</i>
12	SI13	Deshmukh Ankita Gajananrao	— AB —
13	SI14	Dhamal Anuja Nivarutti	— AB —
14	SI15	Dongare Deepti Sadanand	<i>Dongare</i>
15	SI18	Gonnade Aniket Ashok	<i>Gonnade</i>
16	SI19	Inamdar Atharva Yogesh	<i>Inamdar</i>
17	SI20	Ingole Sushil Arun	<i>Ingole</i>
18	SI21	Jadhav Deepika Mohan	— AB —
19	SI22	Jadhav Devyani Narendra	<i>Jadhav</i>
20	SI23	Joshi Amey Mangesh	<i>Joshi</i>
21	SI25	Kadam Arya Suresh	— AB —
22	SI26	Kadam Prasad Vijaykumar	<i>Kadam</i>
23	SI27	Kadam Snehal Nathaso	<i>Kadam</i>
24	SI29	Kalluray Abhijeet Dilip	<i>Kalluray</i>
25	SI30	Kamble Shubham Bhanudas	<i>Kamble</i>
26	SI32	Karanjkar Vinay Ramkrishna	<i>Karanjkar</i>
27	SI33	Kondane Shubham Rahul	<i>Kondane</i>
28	SI34	Koul Divansh	— AB —
29	SI35	Malpani Varun Kamalnayan	— AB —
30	SI36	Mathwad Shivam Rajeev	<i>Mathwad</i>
31	SI37	Nikas Vaibhav Sanjay	— AB —
32	SI38	Pacharne Rutuja Bhausaheb	<i>Pacharne</i>
33	SI39	Panchal Santoshi Kashinath	— AB —
34	SI40	Patil Pranjali Panditrao	<i>Patil</i>
35	SI41	Patil Utkarsha Shivaji	— AB —
36	SI42	Patwari Pratiksha Nandkumar	— AB —
37	SI43	Pede Rushikesh Bhagwanrao	<i>Pede</i>
38	SI44	Raut Rucha Rajendra	<i>Raut</i>
39	SI45	Rembhotkar Devika Niranjani	<i>Rembhotkar</i>

40	SI47	Satav Swaroop Dilip	- AB -
41	SI48	Sawant Akash Dattatray	- AB -
42	SI50	Shelke Dhruv Ravindra	<del>AB</del>
43	SI51	Sonawane Ashish Jamrao	<del>AB</del>
44	SI52	Sonawane Pooja Sunil	- AB -
45	SI56	Waghmare Sanyukta Vikram	<del>AB</del>
46	SI57	Jadhav Rohan Mahadeo	- AB -
47	SI58	Patil Akash Mahadeo	<del>AB</del>
48	SI59	Dhore Aboleer Sanjay	- AB -
49	SI60	Pisute Sanjana Pradeep	<del>AB</del>
50	SI61	Kamble Sachin Sudhir	<del>AB</del>
51	SI62	Krunal Eknath Patil	<del>AB</del>
52	SI63	Bangale Ankita Anand	<del>AB</del>
53	SI64	Bavdhankar Sachin Chandrakant	<del>AB</del>
54	SI65	Bawaskar Kiran Kailash	<del>AB</del>
55	SI66	Chauhan Archana Subhash	- AB -
56	SI67	Jagtap Pooja Shivaji	<del>AB</del>
57	SI68	Kharat Shruti Chandrakant	<del>AB</del>
58	SI69	Kulkarni Komal Prakash	- AB -
59	SI70	Mahajan Tejal Rajendra	<del>AB</del>
60	SI71	Mohite Rutuja Nagesh	- AB -
61	SI72	Mule Nikita Nitin	<del>AB</del>
62	SI73	Muley Pooja Prashant	- AB -
63	SI74	Naik Swaraj Sandeep	- AB -
64	SI75	Nalawade Anushka Gajanan	<del>AB</del>
65	SI76	Pawar Shubham Shrinewas	<del>AB</del>
66	SI77	Rapanwad Govind Vankatrao	<del>AB</del>
67	SI78	Sarap Vaidehi Sandeep	<del>AB</del>
68	SI79	Sarode Pranali Vilas	<del>AB</del>
69	SI80	Sathe Pratiksha Dattatray	<del>AB</del>
70	SI81	Sawai Aachal Nandu	<del>AB</del>
71	SI82	Shewale Prajakta Prakash	<del>AB</del>
72	SI83	Shinkar Aishwarya Murlidhar	- AB -
73	SI84	Unganlawar Shalvi Rajesh	<del>AB</del>
74	SI85	Waghe Geeta Bhaskar	<del>AB</del>

B.S. Di

Marathwada Mitra Mandal's

**COLLEGE OF ENGINEERING**

S.No.18, Plot No.5/3, Karvenagar, Pune-52

Accredited with "A" Grade by NAAC / Recipient of "Best College Award 2019" by SPPU

Accredited by NBA (Mechanical Engg. & Electrical Engg.) / Recognized under section 2(f) and 12B of  
UGC Act 1956

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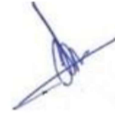
**Department of Mechanical Engineering**

**Seminars/Conferences/Workshops Organized:**

Sr. No.	Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To
1	2018-19	One week Faculty Development Programme on Product Design and Development – Concept to Production	20	06/04/2019 To 12/04/2019
2	2018-19	Two days Hands on Workshop on Hypermesh Software	30	11/10/2018 To 12/10/2018
3	2018-19	One Day Workshop on Making and Flying a Rubber Powered Aircraft Model	22	05/10/2019
4	2018-19	Two days Hands on Workshop on Vehicle Interior Design	20	10/01/2019 To 11/01/2019



**Mr. S. G. Kale**  
File Incharge



**Dr. P. S. Purandare**  
Head  
Department of Mechanical Engineering

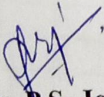


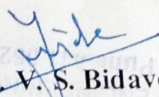
Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
 S. No.18, Plot No.5/3, Karvenagar, PUNE - 411 052  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
 Academic Year: 2018-19 Sem-II

**Event Name: Spoken Tutorial Online Test**  
**Event Date: 20<sup>th</sup> Feb and 29<sup>th</sup> March 2019**  
**Venue: MMCOE**

Spoken Tutorial Online Test was Conducted for students and staff of IT, Computer and E&TC department .  
 The results were as follows

Branch	Year	Course Name	Candidates Appeared	Candidates Passed	Passing Percentage
IT	S.E	Advance C++	81	75	92.59%
IT	T.E	Java	68	54	79.41%
IT	B.E	Python	57	43	75.43%
IT	Staff	Advance C++	8	8	100%
Computer	S.E	JAVA	125	102	81.6%
Computer	T.E	PHP & MySQL	128	123	96.09%
Computer	B.E	Python	110	66	60%
Computer	Staff	CPP	18	18	100%
E&TC	S.E	Advance C++	83	78	93.97%
E&TC	T.E	Scilab	45	33	73.33%
E&TC	B.E	Python	18	15	83.33%
E&TC	Staff	Advance C++	6	6	100%
		Scilab	1	1	100%

  
**Mrs. R.S. Joshi**  
 Spoken tutorial Coordinator

  
**Dr. V. S. Bidave**  
 Head, Information Technology

Moteal

800  
212

Marathwada Mitra Mandal's  
College of Engineering  
Karvenagar, Pune-411 052  
Accredited with 'A' Grade by NAAC

Department of Information Technology

Date: 24/09/2018

### NOTICE

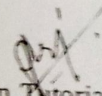
All students are informed that spoken tutorial online (MCQs) test will be conducted as per the schedule given below:

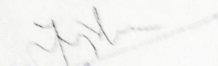
SR NO	Year	Subject	Examination Date
1	SE II	C, C++	6 Oct 2018
2	TE II	RDBMS	5 Oct 2018
3	BE II	Java	5 Oct 2018

**Note:**

1. Students are instructed to download tutorials from <https://spoken-tutorial.org/> and prepare for examinations.
2. Venue and timetable will be displayed on notice board.



  
Spoken Tutorial Examination  
Coordinator

  
HOD, IT  
Information Technology  
MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING  
Karvenagar, Pune-411 052.

Marathawada Mitra Mandal's  
**College of Engineering**  
Karvenagar ,Pune  
Department of Electronics and Telecommunication  
Event Report

**“Poster Presentation Competition Phase I,  
TECHNO 2K19” under IETE student forum (ISF’s)**

10<sup>th</sup> October 2018

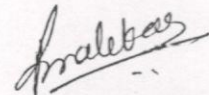
Report

Department of Electronics and Telecommunication organized College Level “Poster Presentation Competition Phase I, TECHNO 2K19” event under IETE student forum (ISF’s). Poster Presentation activity was conducted on 10<sup>th</sup> October 2018. The objective of this event is to offer the final year undergraduate students an opportunity to showcase their ideas and improve the technical skills. Throughout an engineer’s career, he/she will be constantly called upon to communicate ideas to others. In this event final year student delivered presentations on their BE projects technical topics such as IOT, PLC, Embedded, etc. Students presented their ideas through poster and judges examined their presentations with various criteria’s like, technical accuracy, grasp of subject. Students were judged by Dr. V. N. Gohokar, Dr. S. M. Chaware, Mrs. Geetha R. Chillarge, Mrs. Rupali Dalvi, E & TC faculty members and CRD (Corporate Relations Division) staff members.

In this event 37 groups of final year students participated and demonstrated their work in front of external judges, staff members and other students. Following groups secured first 3 positions.

Position	Group No.	Names
1 <sup>st</sup>	05	Rishikesh Ramdasi, Neha Kulkarni, Vishakha Phirke
2 <sup>nd</sup>	15	Yashraj Hawale, Aishwarya Zade, Bharat Dixit
3 <sup>rd</sup>	03	Vishal Nevase, Harshali Shaha, Yash Pandya

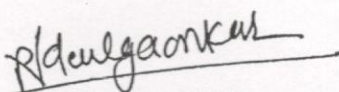
It was rightly initiated and encouraged by Principal Dr. S. M. Deshpande and HOD Mrs. P. S. Sawant.



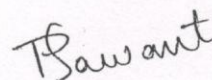
IETE Co-ordinator  
Mrs. R. R. Malekar



Technical Event Coordinator  
Mrs. H. N. Burande  
Ms. S. J. Koparde



Dean Student Affairs  
Dr. V. R. Deulgaonkar



H. O. D – E & TC  
Mrs. P. S. Sawant

Event Photo:



MARATHAWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE - 52

Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering

Poster Presentation Competition Phase I, TECHNO 2K19 under IETE Student Forum (ISF)

Date:- 10/10/2018

Name of Judges 1) Rupali Dalvi

2) A. J. Nimbalkar

3) R. R. Malekar

Gr. No.	Name of Student	Title	Poster Content(block diagram / concept) 10	Hardware(circuit diagram/ PCB/ supply modules / components) 10	Software (Algorithm / Flow chart / code) 10	Participation in Presentation 10	Questions & Answers 10	Total 50
7	Kunal Satav Manmayi Jawadkar Pradya Kondhkar	Ankle Brachial Index Monitoring system	09	09	02	09	06	28
29	Manmayee Mirashi Akshata Mulik Dattatraya Patil	CNC Based PCB plotters	09	02	01	07	05	24
14	Akshay Havaladar Aishwarya Lunde Shiwani Fule	Smart intelligent two axis weapon Simulator	09	05	05	08	07	34
13	Sakshi Kulkarni Aastha Mattoo Siddesh Mandhale	Old Age Assistant Bot with Fitness Band	05	08	08	09	06	36
2	Adesh Konkhor Sujit Ghule Chirag Borole	IoT Based Digital Signage	09	02	05	07	08	31
23	Peiti P. Pathak Shubhada Kulkarni Sheetal Patule	Home automation & security system using IOT	05	02	02	05	05	20

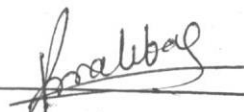
Sign of Judges 1)



2)



3)



MARATHAWADA MITRA MANDAL'S  
**COLLEGE OF ENGINEERING, PUNE - 52**  
 Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering  
 Poster Presentation Competition Phase I, TECHNO 2K19 under IETE Student Forum (ISF)

Date:- 10/10/2018

Name of Judges 1) Mrs. A.M. Solanke 2) Mrs. D.N. Parlekar 3)

Gr. No.	Name of Student	Title	Poster Content(block diagram / concept) 10	Hardware(circuit diagram/ PCB/ supply modules / components) 10	Software (Alogorithm / Flow chart / code) 10	Participation in Presentation 10	Questions & Answers 10	Total 50
20	Kedar Godale Viki Waghmare Sujata bhise	IoT Based Industrial Automation	5	5	3	2	2	16

Sign of Judges 1) Mrs. A.M. Solanke 2) Mrs. D.N. Parlekar 3)

MARATHAWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE - 411 002  
Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering  
Poster Presentation Competition Phase I, TECHNO 2K19 under IETE Student Forum (ISF)

Date:- 10/10/2018

Name of Judges 1) V B Deokamble 2) S J Koparde 3) \_\_\_\_\_

Gr. No.	Name of Student	Title	Poster Content(block diagram / concept) 10	Hardware(circuit diagram/ PCB/ supply modules / components) 10	Software (Alogorithm / Flow chart / code) 10	Participation in Presentation 10	Questions & Answers 10	Total 50
	Mohini Kesare Shital Damle Sumit Rajegore	sprinkler auto mation for pest control	8	9	7	7	9	40
05	Sneha Bhuwal Arati Godse Sumrudhvi Bhuwal	IOT Based water dispensed	8	8	10	9	8	43
30	Rushabh Siraog Udayan Bhide Pradip Yadav	IOT Based tyre pressure	5	5	5	2	5	22
	Pratiksha Mohini P	Air pollution Monitoring	6	6	7	6	6	31
	Pankaj Madan Kishore	smart ration	9	9	9	9	9	45

Sign of Judges 1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

MARATHAWADA MITRA MANDAL'S  
**COLLEGE OF ENGINEERING, PUNE - 42**

Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering  
 Poster Presentation Competition Phase I, TECHNO 2K19 under IETE Student Forum (ISF)

Date:- 10/10/2018

Name of Judges 1) S.N. Deshmukh

2) M.R. Pangonkar

3) Sonal Karandikar

Gr. No.	Name of Student	Title	Poster Content(block diagram / concept) 10	Hardware(circuit diagram/ PCB/ supply modules / components) 10	Software (Algorithm / Flow chart / code) 10	Participation in Presentation 10	Questions & Answers 10	Total 50
32	Prasad Naty	Attendance system using face recognition	06	06	08	09	06	35
	Alhar Chandorkar							
	Achish Kulkarni							
28	Suyog Kapse	Automatic Eising of ballads for BRT Lane.	07	08	07	07	08	37
	Manesh Bothe							
	Pratik Shinde							
11	Bachhav Hitesh S.	Electric Vehicle Using renewable sources.	08	09	08	06	07	38
	sonawane Gaurav							
	patil kundan S.							
27	Shubham Amrutkar	Unmanned Intelligent Army Robot.	08	09	09	08	07	41
	Rahul Hrishchandre							
	Pranay Chadgi.							
21	Vaibhav Nirphal	Smart reader- Image to text Conversion Using ResNet AI	08	07	06	07	07	35
	Abhishek dedlere							
	murali garud							

Sign of Judges 1)

S.N. Deshmukh

2)

M.R. Pangonkar

3)

Sonal Karandikar

4) S.N.D.



MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&TC/2018-19/01

Date: 9/10/2018

To,  
Dr. S. M. Chaware,  
HOD, Computer Dept,  
MMCOE,Pune.

**Subject: Invitation as a Judge for Techno2K19 BE Poster Presentation.**

Dear Sir,

We are pleased to invite you in Marathwada Mitra Mandal's College of Engineering E&TC Dept. as a Judge for Techno2K19 BE Poster Presentation on 10/10/2018 during 12 :30-3.30 pm.

We look forward to a positive response towards accepting our invitation.

Thanking you.

*P. S. Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

*S. M. Chaware*

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC  
Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&TC/2018-19/OL

Date: 9/10/2018

To,  
Dr. S. M. Chaware,  
HOD Computer Dept,  
MMCOE, Pune.

**Subject: Thanking letter for judging Techno2K19 BE Poster Presentation.**

Dear Sir,

We thank you for sharing your experience and knowledge of your expertise during Techno2K19 BE Poster Presentation conducted on 10/10/2018 for BE students.

We are sure that the directions given in the Techno2K19 BE Poster Presentation will prove beneficial to our students. We look forward to being associated with you in the future too.

Thanks once again.

Sincerely,

*S. M. Chaware*

*P. S. Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&T/2018-19/03

Date: 9/10/2018

To,  
Prof. G.R. Chillarge,  
Asst. Prof. Computer Dept,  
MMCOE,Pune.

**Subject: Invitation as a Judge for Techno2K19 BE Poster Presentation.**

Dear Madam,

We are pleased to invite you in Marathwada Mitra Mandal's College of Engineering E&TC Dept. as a Judge for Techno2K19 BE Poster Presentation on 10/10/2018 during 12 :30-3.30 pm.

We look forward to a positive response towards accepting our invitation.

Thanking you.

*P. Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

*Received  
Geetha  
10/10/18.*

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC  
Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/RR/2018-19/03

Date: 9/10/2018

To,  
Prof. G. R. Chillarge,  
Asst. Prof. Computer Dept,  
MMCOE, Pune.

**Subject: Thanking letter for judging Techno2K19 BE Poster Presentation.**

Dear Madam,

We thank you for sharing your experience and knowledge of your expertise during Techno2K19 BE Poster Presentation conducted on 10/10/2018 for BE students.

We are sure that the directions given in the Techno2K19 BE Poster Presentation will prove beneficial to our students. We look forward to being associated with you in the future too.

Thanks once again.

Sincerely,

Received  
Gesth  
10/10/18

*Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC  
Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&T/2018-19/04

Date: 9/10/2018

To,  
Prof. Rupali Dalavi,  
Asst. Prof. Computer Dept,  
MMCOE, Pune.

**Subject: Thanking letter for judging Techno2K19 BE Poster Presentation.**

Dear Madam,

We thank you for sharing your experience and knowledge of your expertise during Techno2K19 BE Poster Presentation conducted on 10/10/2018 for BE students.

We are sure that the directions given in the Techno2K19 BE Poster Presentation will prove beneficial to our students. We look forward to being associated with you in the future too.

Thanks once again.

Sincerely,

*P. S. Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

*Received*

*PS*  
*9/10/18*

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&T/2018-19/04

Date: 9/10/2018

To,  
Prof. Rupali Dalavi,  
Asst. Prof. Computer Dept,  
MMCOE,Pune.

**Subject: Invitation as a Judge for Techno2K19 BE Poster Presentation.**

Dear Madam,

We are pleased to invite you in Marathwada Mitra Mandal's College of Engineering E&TC Dept. as a Judge for Techno2K19 BE Poster Presentation on 10/10/2018 during 12 :30-3.30 pm.

We look forward to a positive response towards accepting our invitation.

Thanking you.

*P. S. Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

Received  
(PS)  
9/10/18

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC

Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&TC/2018-19/02

Date: 9/10/2018

To,  
Dr. V. N. Gohokar,  
HOD, Electrical Dept.,  
MMCOE, Pune.

**Subject: Invitation as a Judge for Techno2K19 BE Poster Presentation.**

Dear Sir,

We are pleased to invite you in Marathwada Mitra Mandal's College of Engineering E&TC Dept. as a Judge for Techno2K19 BE Poster Presentation on 10/10/2018 during 12 :30-3.30 pm.

We look forward to a positive response towards accepting our invitation.

Thanking you.

*P. S. Sawant*

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.

*Received*

MARATHWADA MITRA MANDAL'S  
COLLEGE OF ENGINEERING, PUNE- 411052  
Accredited with 'A' Grade by NAAC  
Department of Electronics and Telecommunication Engineering

Ref. No. MMCOE/E&TC/2018-19/02

Date: 9/10/2018

To,  
Dr. V. N. Gohokar,  
HOD Electrical Dept,  
MMCOE, Pune.

**Subject: Thanking letter for judging Techno2K19 BE Poster Presentation.**

Dear Sir,

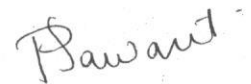
We thank you for sharing your experience and knowledge of your expertise during Techno2K19 BE Poster Presentation conducted on 10/10/2018 for BE students.

We are sure that the directions given in the Techno2K19 BE Poster Presentation will prove beneficial to our students. We look forward to being associated with you in the future too.

Thanks once again.

Sincerely,

Received  

Mrs. P. S. Sawant

HEAD

Dept. of E&TC Engg.



MARATHAWADA MITRA MANDAL'S  
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Department of Electronics and Telecommunication Engineering  
Poster Presentation Competition Phase I, TECHNO 2K19 under IETE Student Forum (ISF)  
Registration Sheet

Date:-10/10/2018

Group No.	Roll No.	Student Name	Guide Name	Sign
08	BE 137	Dipali Wakure	Prof. Vishal Salve	
	BE 107	Disha Patil		
	BE 271	Akash Koshe		
19	BE 267	Molivi Kesave	Mr. Vasant Deokanble	
	BE 153	Shital Domle		
	BE 112	Sunil Rajegove		
14	BE 250	Akshay Navaldar	Ms. Malekar	
	BE 277	Shivani Fuse		
	BE 276	Aishwarya Lande		
29	BE 284	Mrunmayee Mirashi	Mrs. Harshada Burande	
	BE 285	Akshata Mulik		
	BE 106	Dattatraya Patil		
34	BE 124	peiyanka Shinde	Mr. Anup Dakke	
	BE 130	Vidaj Tamhane		
	BE 261	Sneha Kamble		
* 10	BE 138	wakure Shubhangi	Mr. Anup Dakke	
	BE 282	Kajal Mane		
	BE 279	Poal Jingampalle		
17	BE 172	Chaitanya Kulkarni	Mrs. Disha Parkhi	
	BE 283	Viraj Mete		
	BE 234	Pooja Dharmal		
* 24	BE 272	Rohit Kotare	Mrs. S.S. Tarse	
	BE 168	Ashwini Jalai		
	BE 166	Abhishek Girijawani		
36	BE 240	Aishwarya Gaikwad	Mr. Vishal Salve	
	BE 150	Maibhad. Swami		
	BE 142	Vijay. Anelao		
20	BE 185	Vidhi Waghmare	Mrs. Disha Parkhi	
	BE 247	Kedar Gopale		
	BE 217	Sujata bhise		
3	BE 248	Pranjal. Gunjal		
		Harshal Chaudhari		
		Shrijit Pendse		
		Devesh Vaidya		

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Registration Sheet

Date:-10/10/2018

Group No.	Roll No.	Student Name	Guide Name	Sign
7	119	Kunal Satav	Mrs. Malekar Mam.	
	258	Mrunmayi Sawadekar		
	270	Pradya Kondhekar		
39	228	Daghal Prasad K	Ms. Vishal Salve	
	139	Yadavgorde Yogeshwar		
	148	Khune Prasad K.		
11	208	Bachhav Hitesh S.	Mrs. Mainalini Pangaonkar.	
	108	Patil Kundan S.		
	128	Sonawane Ganpat G		
33	BE255	Jadhav Pooja S.	Mrs. A.M. Solankar	
	BE256	Jadhav Rushikesh		
	BE121	Sheikh Dilshad.		
9	BE205	Mahesh Arangale	Mrs. Disha Parkhi	
	BE204	Pranil Angre		
	BE286	Nikhil Nagarkar		
4	211	Sneha Boropatre	Ms. Snehal Koparde	
	246	Asati Godase		
	157	Somyudhi Bhojbal		
5	113	Rishikesh Ramdasi	S.A. Joshi	
	273	Neha Kulkarni		
	181	Vishakha Phirke		
18	260	Pooja Kad	S.S. Tawse	
	269	Saurabh Khotare		
	239	Pratiksha Godam		
6	126	Maitreyee Shukla	Ms. S.S. Tawse	
	127	Shivane Sonawane		
	124	Shruti Vaidya		
26	263	Pranjita Karale	Mrs. Beena Sawant	
	123	Ashwin Shinde		
	178	Riya Patel		
15	215	Bhavit Dixit	S.A. Joshi	
	140	Aishwarya Zade		
	251	Yashraj Hawle		

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Department of Electronics and Telecommunication Engineering  
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Registration Sheet

Date:-10/10/2018

Group No.	Roll No.	Student Name	Guide Name	Sign
✓ 22	238	Pankaj R. Gadade	V.B. Deokamble	Pankaj
	278	Madhav Madhavan		Madhav
	264	Kishor Kemshele		Kishor
✓ 12	174	Aboli Maske	A.G. Dakre	Aboli
	185	Jayshri Uje		Jayshri
	103	Pritya Oak		Pritya
✓ 13	175	Astha Mattoo	Harshada. M. Bureande	Astha
	275	Sakshi Kulkarni		Sakshi
	280	Siddesh Mandhane		Siddesh
✓ 23	105	Peiti Patil	R. R. M.	Peiti
	180	Sheetal Patule		Sheetal
		Shubhada Kulkarni		Shubhada
24	228	Prasad doghale	vishal salunke	
	148	Prasad Khune		
	139	Yogeshwar Jalangonde		
25	206	Ahash S. Arve	S. A Joshi	Ahash
	214	Gauri Gauri N. Bhale		Gauri
	231	Tejal S. Deshpande		Tejal
✓ 03	120	Harshali Shaha	Mrs. A.M. Solanke	
	177	Yash Pananya		Yash
	176	Vishal Nevase		Vishal
✓ 16	165	Jyoti ghotale	Harshada. V. Bureande	Jyoti
	167	Supriya Jadhav		Supriya
	158	Rutuja Bhuvad		Rutuja
✓ 32	101	Prasad Natu	S. N. Deshmukh	Prasad
	160	Nihar Chandorkar		Nihar
	174	Ashish Kulkarni		Ashish
✓ 21	102	Vaibhav Nirphal	M. Pangaonkar	Vaibhav
	1235	Abhishek Dodke		Abhishek
	242	Mrunali Garud		Mrunali
✓ 27	203	Shubham Amrutkar	M. Pangaonkar	Shubham
	268	Pranay Khadgi		Pranay
	249	Rahul Harischandke		Rahul

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Department of Electronics and Telecommunication Engineering  
 Poster Presentation Competition Phase I, TECHNO 2K19 under IETE Student Forum (ISF)  
 Registration Sheet

Date:-10/10/2018

Group No.	Roll No.	Student Name	Guide Name	Sign
28	159	Maahesh Botke	S.N. Deshmukh	<u>Maahesh</u>
	170	Suryog Korpe		S.A. Kore
	184	Pratik Shirode		<u>PJ</u>
02	243	Sujit Ghule	A.J. Nimbalkar	<u>Sujit</u>
	223	Chirag Borate		<u>Chirag</u>
	262	Adesh Kanikhar		<u>Adesh</u>
37	232	Tejal Surendra Deshpande	S.J. Koparde	<u>Tejal</u>
	212	Shubham Bartakke		<u>Shubham</u>
	207	Vikram Aivate		<u>Vikram</u>

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING, PUNE**  
 Accredited with 'A' Grade by NAAC  
**Department of Computer Engineering**

**Students Publication Details UG**  
 Academic Year 2018-2019

Sr. No.	Name of Student	Name of Journal	Title
1	1. Shreeram Kulkarni 2. Gaurav Kulkarni 3. Sanu Lal	Journal of Emerging Technologies and Innovative Research-(JETIR)	Fingerprint Sensor Using NodeMCU for Individual Identification
2	1. Akshada Chaudhari 2. Pramila Dere 3. Ankita Durgude 4. Rahi Jaiswal	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Carpooling System
3	1. Neha Kshirsagar 2. Janhavi Mahadik 3. Samiksha Mahalle 4. Meheshwari Pachpute	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Graphical Password Authentication System for Mobile Application
4	1. Komal Laghate 2. Kamlesh Laghate 3. Rohan Memane 4. Shounak Kulkarni	Journal of Emerging Technologies and Innovative Research-(JETIR)	Sports team Prediction and Analyzing Data
5	1. Radhika Khishte 2. Siddhi Lanke 3. Omkar Mahadar	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Expense Manager using OCR
6	1. Divya Rajput 2. Shreya Mangade 3. Shraddha Birajdar	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Chatbot Application for Tourists
7	1. Avaneesh Khandekar 2. Rutuja Shitole 3. Siddharth Yawatkar 4. Shreeya Tambolkar	Journal of Emerging Technologies and Innovative Research-(JETIR)	Detection of Chronic Obstructive Pulmonary Disease using Convolutional Neural Networks: A Survey
8	1. Manasi Sheode 2. Anuja Pawar 3. Swati Shinde 4. Mrunmayee Thakurdesai	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Human Disease Recognition System
9	1. Gitte Sajeli 2. Mangrule Rajnigandha 3. Sonavane Manasi	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Audio to Sign Language Translation

Sr. No.	Name of Student	Name of Journal	Title
10	1. Shreya Mhalgi 2. Prajakta Marne 3. Mahesh Kulkarni 4. Samir Kapure	International Journal of Research and Analytical-IJRAR	Cloud Based Android App for College Canteen Management System
11	1. Ketki Ganu 2. Tanmay Bhawsar 3. Saloni Bhingarde 4. Aditya Deshpande	Journal of Emerging Technologies and Innovative Research-(JETIR)	A Survey of Indoor Positioning System Based on Different Hardware Technology
12	1. Amey Darekar 2. Sejal Dhadiwal 3. Aditya Kulkarni	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Digitization of Vaccination System for Public Healthcare Centers
13	1. Navani Udgaonkar 2. Tanvi Garud 3. Isha Takawale 4. Sawani Ingale	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Fake Product Identifier
14	1. Priyanka Ghare 2. Apoorva Dharadhar 3. Anushka Dhekne 4. Aditi Helaskar	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Credit Card Fraud Detection Using Random Forest and Local Outlier Factor
15	1. Nachiket Kelkar 2. Niraj Mate 3. Atharv Kukade 4. Abhijeet Kulkarni	International Journal of Computer Science and Engineering	Implementation of Lung Cancer Detection & recommendation of oncologist using ML
16	1. Vaidehi Nimje Aboli Kulkarni Prajakta Kulkarni Ishwari Mahajan	2. 3. 4. Journal of Emerging Technologies and Innovative Research-(JETIR)	Analysis and Forecast of Literacy Rates in India
17	1. Ms. Sanjana Jangnure 2. Ms. Sharanya Nair 3. Ms. Avanti Mande 4. Ms. Vaishnavi Ghawate	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Analysis of energy street lighting system using ML
18	1. Jay Parekh 2. Vedant Kale 3. Gaurang Kulkarni 4. Swarali Bhide	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Football Team Predictor and Analyzer using Machine Learning
19	1. Ashish Saroj 2. Siddharth Sanas 3. Rajat Doijad	Journal of Emerging Technologies and Innovative Research - JETIR	Linguistic Based and Location Based Recommending Posts using Various Clustering Method
20	1. Shreeya Tahasildar 2. Mihir Phatak 3. Suteja Patil 4. Vedang Wartikar	Journal of Emerging Technologies and Innovative Research-(JETIR)	Face Recognition System for Surveillance
21	1. Tejas Baraskar 2. Atharva Bade 3. Ajay Jadhav 4. Jagdish Jangid	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	IOT Base Home Automation
22	1. Mamta Pednekar 2. Jayrath Langore 3. Sameeksha Zaware 4. Nikhil Kelkar	Journal of Emerging Technologies and Innovative Research-(JETIR)	Smart Travel Assistant using AI
23	1. Aishwarya Bhosale 2. Purva Badve 3. Radhika Gholap 4. Prajakta Joshi	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Video Summarization using Convolution Neural Network

Sr. No.	Name of Student	Name of Journal	Title
24	1. Shriya Hendre 2. Sanika Kulkarni 3. Meghana Mane 4. Geetaqnjali Ransing	Journal of Applied Science and Computations	Online Result Prediction using Data Mining Techniques
25	1. Shivani Thakare 2. Indrasen Mane 3. Shubham Pawar 4. Sudhir Jadhav	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Online Mentoring System
26	1. Madhura Patil 2. Rima Jadhav 3. Vishakha Patil 4. Aditi Bhawar	International Research Journal of Engineering and Technology (IRJET)	Prediction and Analysis of Heart Disease using SVM Algorithm
27	1. Snehal Thakare 2. Priya Sasane 3. Rekha Dalve	Journal of Emerging Technologies and Innovative Research - JETIR	Performance Analysis of Emotion Recognition on Gaussian Naive Bayes Algorithm
28	1. Akanksha Kawathekar 2. Smita Nannor 3. Arati Kanade	Journal of Emerging Technologies and Innovative Research - JETIR	Modern Logistics Vehicle System using Dynamic Scheduling, Tracking and Security
29	1. Aditya Shelke 2. Sanket Puranik 3. Hrishikesh Patil 4. Abhijeet Gajbhiye	Journal of Emerging Technologies and Innovative Research - JETIR	Smart Traffic Control System: proposed model
30	1. Avanti Pandit 2. Ashwini Pawar 3. Pratiksha Tambe 4. Nirmalm Thakare	Journal of Emerging Technologies and Innovative Research - JETIR	Proposed Model for Twitter Data Summarization
31	1. Aditi Mhadgut 2. Apurva Prasad 3. Bhagyashree Shinde 4. Rohan Pandita	International Journal of Engineering Trends and Technology - IJETT	Two – Way Credit Card Authentication with Face Recognition using Webcam
32	1. Adwait Tapale 2. Shahid Sayyed 3. Mayur Dhage 4. Kandu Gunge	Journal of Emerging Technologies and Innovative Research - JETIR	Disease Prediction using K-mean Clustering and Decision Tree
33	1. Ashrika Shetty 2. Rutuja Kumbhar 3. Aniruddha Pansare 4. Tanaya Sonone	International Journal on Emerging Trends and Technology - IJETT	Detection of Diseases in Crop using Predictive Analysis
34	1. Aditi Mhadgut 2. Apurva Prasad 3. Bhagyashree Shinde 4. Rohan Pandita	International Journal of research in Electronics and Computer Engineering	Credit Card Authentication with Face recognition using Web cam
35	1. Gauri Bhagwat 2. Prajakta Jadhav 3. Sakshi Kankanwar 4. Shruti Kulkarni	International Journal of Scientific Research in Science and Technology (IJSRST)	Competitors Mining using E-Commerce Unstructured Datasets
36	1. Landge Kiran 2. Khedekar Tanmayee 3. Bankar Pradnya 4. Khanvilkar Chaitrali	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Smart Parking System using IOT
37	1. Yogini Deshpande 2. Radhika Phadke 3. Parthavi Patel 4. Neha Date	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Digital Wallet for Transactions

Sr. No.	Name of Student	Name of Journal	Title
38	1. Shirin Labbai 2. Shrushti Andhare, 3. Pratima Sonawane Vaishnavi Sherikar	4. International Journal of research in Electronics and Computer Engineering	Automatic Sumarization for Asynchronous Data
39	1. Rutuja Bhise 2. Prajakta Dhanba 3. Renuka Kshirsagar	IJIMPS	Classification of Thai Fast food using CNN
40	1. Snehal Thakare 2. Priya Sasane 3. Rekha Dalve	Journal of Emerging Technologies and Innovative Research - JETIR	Emotion Recognition on Twitter : Comparative study between POMs and Gaussion Naive Bayes Algorithm
41	1. Gauri Bhagwat 2. Prajakta Jadhav 3. Sakshi Kankanwar 4. Shruti Kulkarni	Journal of Emerging Technologies and Innovative Research - JETIR	Mining Competitors for E-Commerce Unstructured Datasets
42	1. Ashrika Shetty 2. Rutuja Kumbhar 3. Aniruddha Pansare 4. Tanaya Sonone	International Journal of research in Electronics and Computer Engineering	A Survey paper on Detection of Diseases in Crop using Predictive Analysis
43	1. Akshata More 2. Sukanya Ladi 3. Gayatri Sinnarkar 4. Prathamesh S	International Journal for Scientific Research & development	Future Movie Rating Prediction using Machine Learning
44	1. Pranita Kusmude 2. Ruchi Joshi Susmita Karykarte 4. Aishwarya Kulkarni	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Voice based email syste, having features of a chatbot
45	1. Rahul Vijaykar 2. Rohit Khude 3. Prajwal Chincholkar 4. Ritu Shinde	International Journal for Scientific Research & development	Plant Pathology on Plant Leaves : Survey
46	1. Chinmayi Athavale 2. Manali Athavale 3. Swaralee Panpatil 4. Aishwarya Bobe	Journal of Emerging Technologies and Innovative Research-(JETIR)	Obstacle Detection and Gate Automation at Railway Crossing
47	1. Dhirajkumar Kharat 2. Pratik Kajawe 3. Sagar Kopnar 4. Nohid Jinabade	International Journal of Innovative Research in Scientific Engineering and Technology - IJIRSET	Face Detection using Haar Cascade Classification
48	2. Swapnil Deshpande 3. Rohan Kalgutkar 4. Pravin Kadam 5. Pranali Desai	Journal of Emerging Technologies and Innovative Research-(JETIR)	License Plate Recognition Using TensorFlow
49	1. Sukrut Pendharkar 2. Pranav Kulkarni 3. Ishan Padalkar 4. Rishabh Magar	Journal of Emerging Technologies and Innovative Research-(JETIR)	Smart Traffic Light Control System Based on Vehicle Intensity Measurement
50	1. Shaikh Ilhaam 2. Swapnil Misal 3. Abhimanyu Nimbalkar 4. Prathmesh Phulpagar	International Journal of Science and Research	College Recommendation through Data Processing



Sr. No.	Name of Student	Name of Journal	Title
51	Mr. Narendra Khatpe 2. Mr. Soham Sakhare 3. Mr. Akash Tilekar 4. Mr. Aditya More	National level Conference Futurizm 2019	Optimization & Detection using ANN Tools
52	1. Shivani Ingle 2. Rachit Khankale	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	Face Recognition using Video Framing Techniques
53	1. Ketki Ganu 2. Tanmay Bhawsar 3. Saloni Bhingarde 4. Aditya Deshpande	Journal of Emerging Technologies and Innovative Research-(JETIR)	A Survey of Indoor Positioning System Based on Different Hardware Technology
54	1. Samruddhi Kalekar 2. Prasad Narode 3. Sanket Sanap 4. Dnyaneshwar Giri	International Journal of Scientific Research in Computer Science and Engineering (IJSRCSE)	IOT Based Smart Parking System
55	1. Trupti Bhange 2. Komal Pawar 3. Harshada Choudhari	International Journal of Innovative Research in Scientific Engineering and Technology-IJIRSET	Survey Paper on Prediction of Crop Yeild and Suitable Crop
56	1. Radha Gandhi 2. Rohan Dhanawade 3. Vivek Ambekar 4. Pranit Chaple	International Journal of Engineering Trends and Technology - IJETT	Smart Pill Box
57	1. Aditi Madgu 2. Gauri Bhagwat	International Journal of Computer Application	Survey on customized tourism and travel recommendation system based on User Location vector
58	1. Aditya Bagad 2. Tejas Gawate 3. Jayash Gore 4. Sarthak Mandalik	Journal of Emerging Technologies and Innovative Research-(JETIR)	Vehicle Traffic Analysis System
59	1. Kautubh Devkar 2. Parmeshwar Matkar 3. Sourabh More 4. Hemant Oza	Journal of Emerging Technologies and Innovative Research-(JETIR)	Generating Description of structured Data using Deep Learning
60	Khurd Aishwarya 2. Shweta Kakade	International Journal of Innovative Research in Scientific Engineering and Technology-IJIRSET	Smart mirror
61	1. Nupur Shinkar 2. Sanket Sonje 3. Shubham Kamble 4. Pranav Pardeshi	International Journal of Engineering & Technology	Two way authentication for banking system
62	1. Hrushikesh Athare 2. Rohit Biradar, 3. Haridas Dhulgande 4. Ashwini Rathod	Journal of Emerging Technologies and Innovative Research-(JETIR)	Stock Price Prediction using Deep learning

*Darja*  
HoD Comp

### Publications by Students

Sr. No.	Year	No. of Publications	No. of Students
1	2018-19	38	114
2	2017-18	3	7
3	2016-17	21	62
4	Before 2015-16	16	33

### Publications in 2018-19

Following papers were published in Special Issue of MMCOE in *International Journal of Research and Analytical Reviews*:

**1 Water Dispenser System (Water ATM)**

Arati Godase, Sneha Barapatre, Samruddhi Bhujbal, Prof. Snehal Koparde

**2 Iot based Industrial Automation**

Kedar Gopale, Sujata Bhise, Viki Waghmare, Prof. D. N. Parkhi

**3 Stimulation and Bio Feedback Using EMG Signal Targeting Urinal and Gynaec Muscles**

Mervyn Vaz, Hrishikesh Joshi, Pranav Auti, Prof. Manisha I. Agnani

**4 IOT Based System for Remotely Controlling Digital Signage**

Adesh Kankhar, Chirag Borole, Sujit Ghule, Prof. A. J. Nimbalkar

**5 IOT Based Smart Irrigation System using Raspberry Pi**

Kajol Mane, Payal Lingampalle, Shubhangi Wakure, Prof. A. G. Dakre

**6 IOT Based Vehicle Accident and Tracking System**

Aboli Maske, Priya Oak, Jayshri Uge, Prof. Anup Dakre

**7 Smart Water Monitoring and Distribution System Based on IOT**

Jyoti Ghotale, Rutuja Bhuvad, Supriya Jadhav, Prof. Harashda Burande

**8 Demonstration of Intelligent Cooperative Vehicles**

Chaitanya Kulkarni, Viraj Mete, Pooja Dhumal, Prof. Disha Parkhi

**9 Sprinkler Automation for Accurate Pest Control on Crops**

Mohini Kesare, Shital Domle, Sumit Rajegore, Prof. V. B. Deokamble

**10 Image Text to Speech Conversion Using Raspberry PI**

Mrunali Garud, Abhishek Dodke, Vaibhav Nirphal, Prof. M. R. Pangaonkar

**11 Smart Ration Distribution System using IOT**

- Kishor Kaushalye, Pankaj Gadade, Madhan Madhu, Prof. V. B. Deokamble
- 12 **IOT Based Smart Home Automation and Security System Using Android App**  
Priti Pathak, Sheetal Patule, Shubhnda Kulkarni, Prof. R. R. Malekar
- 13 **IOT based LPG Cylinder Monitoring and Booking System**  
Priyanka Shinde, Snehal Kamble, Viraj Tamhane, Prof. A. G. Dakre
- 14 **IOT based Surveillance Bot to Improve Security**  
Shubham Bartakke, Tejal Deshpande, Vikram Awate, Prof. S. J. Koparde
- 15 **Image Processing Based Automatic Painting Robot using Raspberry Pi**  
Vishal Nevase, Yash Pandya, Harshali Shaha, Prof. Anagha Kunte
- 16 **Automated Arm for Harvesting Tomato in Greenhouse**  
Neha Kulkarni, Rishikesh Ramdasi, Vishakha Phirke, Prof. Shubhangi Joshi
- 17 **Automated Solar Grass Cutter With Robotic Arms**  
Maitreyee Shukla, Shiwane Sonawane, Shruti Vaidya, Prof. Sampada Tavse
- 18 **Economical Ankle Brachial Index Monitoring System**  
Kunal Satav, Mrunmayi Jawadekar, Pradnya Kondhekar, Prof. R. R. Malekar
- 19 **Automatic Shiftable Road Divider**  
Akash Korke, Disha Patil, Dipali Wakure, Prof. Vishal Salve
- 20 **Object Detection for Unmanned Aerial Vehicles using SSD Mobilenet**  
Nikhil Nagarkar, Pranil Angre, Mahesh Arangale, Prof. Disha Parkhi
- 21 **Electric vehicle using renewable sources**  
Gaurav Sonawane, Hitesh Bachhav, Kundan Patil, Prof. M. R. Pangaonkar
- 22 **ASTRO: An Old Age Assistant Bot With Fitness Band**  
Astha Mattoo, Sakshi Kulkarni, Siddesh Mandhare, Prof. Harshada Burande
- 23 **Smart Intelligent Two Axis Robotic Simulator**  
Aishwarya Lande, Akshay Havaladar, Shiwani Fuse, Prof. R. R. Malekar
- 24 **IOT based Wizard Chessboard**  
Yashraj Hawle, Aishwarya Zade, Bharat Dixit, Prof. Shubhangi Joshi
- 25 **Smart and Energy Efficient Power Saving System**  
Pooja Kad, Pratiksha Gadam, Saurabh Khotare, Prof. Mrs. Sampada Tavse
- 26 **Android Application Based Smart Pet Feeder Using IOT**  
Gauri Narendra Bhale, Tejal Shirish Deshpande, Akash Sanjay Arve, Prof. Shubhangi A Joshi

- 27 **Speaking System For Mute People Using Hand Gesture**  
Ashwini Shinde, Prajakta Karale, Riya Patel, Prof. Priya Sawant
- 28 **Automatic Robo Vehicle System for Military Border Area**  
Shubham Amrutkar, Rahul Harishchandre, Pranay Khadgi, Prof. Mrinalini Pangaonkar
- 29 **Automatic Rising Bollards for BRT Lanes**  
Suyog Korpe, Pratik Shirode, Mahesh Bothe, Prof. S. N. Deshmukh
- 30 **Implementation of PCB plotter based on CNC machines using Arduino**  
Akshata Mulik, Dattatraya Patil, Mrunmayee Mirashi, Prof. Harshada Burande
- 31 **Sign Language Translator**  
Shrijit Pendse, Harshal Chaudhari, Devesh Vaidya, Pranjal Gunja, Prof. Manisha Dudhediya
- 32 **Attendance System Using Face Recognition**  
Ashish Kulkarni, Nihar Chandorkar, Prasad Natu, Prof. S. N. Deshmukh
- 33 **Vending Machine Using Arduino**  
Pooja Jadhav, Rushikesh Jadhav, Dilshad Sheikh, Prof. Anagha Kunte
- 34 **Smart Classroom System Based on IOT**  
Daghale Prasad, Khune Prasad, Yalamgonde Yogeshwar, Prof. Vishal Salve
- 35 **IOT Based Bridge Condition Monitoring System**  
Abhishek Girigosavi, Ashwini Jalgi, Rohit Kotgire, Prof. Sampada Tavse
- 36 **IOT Based Tire Pressure Monitoring, Vehicle Parameter Monitoring and Vehicle Security**  
Rushabh Surana, Udayan Bhide, Pradip Yadav, Prof. Snehal Koparde
- 37 **Air Pollution Monitoring System Using Lab View**  
Pravin Dukare, Pratiksha Baglane, Mohini Baglane, Prof. Vasant Deokamble
- 38 **Bomb Disruptor Using an Electromagnetic Pulse**  
Soham Athavale, Viraj charwad, Prof. Anagha Kunte

Coordinator

*P. S. Sawant*  
Mrs. P. S. Sawant

HEAD  
Department of E&TC Engg.

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<b>Source:</b>	UNIV
<b>Subject:</b>	Multidisciplinary
<b>Publisher:</b>	International Journal of Research and Analytical Reviews
<b>Country of Publication:</b>	India
<b>Broad Subject Category:</b>	Multidisciplinary

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‘येथे बहुतांचे हित ।’

# Marathwada Mitra Mandal's COLLEGE OF ENGINEERING Karvenagar, Pune (Accredited with 'A' Grade by NAAC)



Organizes

NATIONAL LEVEL TECHNICAL EVENT

# DEXTERITY 2K19

Great Minds at Work

Wednesday  
16<sup>th</sup> Jan. 2019

PRIZES WORTH  
₹ 1,00,000/-

## Electrical Engineering



### Tech Shilpam - Poster Presentation

**Description :** The poster presentation competition - Present your innovative technical ideas through A2 / A1 size poster. Be creative & share your technical knowledge to win exciting prizes !!

**Faculty Coordinator :** Mr. M. D. Raut (9766518292)

**Student Coordinator :** Akshay (7385778423) Pallavi (8550966216)

### Tech Tatva - Technical Paper Presentation

**Description :** The paper presentation competition- Aims to provide an outstanding platform to showcase your research. Prepare a presentation and unleash the speaker in you to grab exciting prizes.

**Faculty Coordinator :** Ms. Christina Thottan (8888866022)

**Student Coordinator :** Atharva (9765672690) Nishant (7720830181)

## Electronics & Telecommunication Engineering



### Creatronix (Circuit Making) (Team of 2-3)

**Description :** Participants will be provided with bunch of components, using those components, participants have to build maximum working circuits

**Faculty Coordinator :** Mrs. R. R. Malekar (9922753845)

**Student Coordinator :** Adesh (7744036572) Sujit (9096841612)

### Robo - Race (Team of 2-3)

**Description :** This is racing event so fastest and most balanced robot will win.

**Faculty Coordinator :** Mrs. S. A. Joshi (9850120200)

**Student Coordinator :** Hitesh (9209098824) Nitin (9421456403)

## Information Technology



### Logicious

**Description :** C, C++ Programming event

**Faculty Coordinator :** Dr. Sudhanshu Gonge (9766578019)

**Student Coordinator :** Sachin (8237378155)

### Web Race (Team of 2-3)

**Description :** A web development competition.

**Faculty Coordinator :** Ms. Pranjali Kuche (9075079684)

**Student Coordinator :** Ajinkya (9028887021)

## MBA



### Ad-O-Mania (Advertisement Making Competition)

**Description :** Advertisement Making Competition for UG And PG Students (Max 3)

**Faculty Coordinator :** Ms. Tina Corera (8668670492)

**Student Coordinator :** Yash (9850551101) Shravani (7249620283)

### Business Quiz

**Description :** Quiz Competition for Graduate & Post Graduate Students (Max 2)

**Faculty Coordinator :** Mr. Abhijit Vhatkar (9970836707)

**Student Coordinator :** Hariom (8446318394) Isha (9420266393)

## Computer Engineering



### Poster Presentatoin (Team of 2-3)

**Description :** Topics are : 1) Artificial intelligence on expert system 2) Cloud TV, 3) Unmanned traffic management system, Poster Size : 3" x 4"

The student will showcase the prototype of solution.

**Faculty Coordinator :** Ms. Pooja Deshmukh (9028319200)

**Student Coordinator :** Vedant (9359141487) Aditya (9545984492)

### Techno-Solution (Team of 2-4)

**Description :** Student has to give technical design solution (system architecture and algorithm) of the problem statement which will be given on the spot within one hour

**Faculty Coordinator :** Ms. Rupali Dalvi (9960699945)

**Student Coordinator :** Niraj (7720043967) Gaurang (9130083966)

## Mechanical Engineering



### Mech Mind (Team of 2)

**Description :** Participants must build model and complete the given task from given resources, the theme will be surprise and revealed at last minute

**Faculty Coordinator :** Mr. S. R. Dhok (9028645402)

**Student Coordinator :** Sanket (8655033489)

### Projectile (Team of 2)

**Description :** Build a unique setup to maximize your score.

**Faculty Coordinator :** Mr. N. N. Korde (7709746998)

**Student Coordinator :** Radheshyam (9527664298)

**Polytechnic Students are  
Welcome to Participate**



1<sup>st</sup> Prize : 4,000/-

2<sup>nd</sup> Prize : 3,000/-

3<sup>rd</sup> Prize : 2,000/-

Coordinator : Mr. Amit D. Desale | Co-Coordinator : Mr. Santosh S. Raut

Sr. No.18, Plot No. 5/3, CTS No. 205, Karvenagar, Pune - 411052. Ph.: (020) 25473160,  
Fax No.: (020) 25470909. Web Site : [www.mmcoe.edu.in](http://www.mmcoe.edu.in)

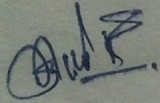
**OFFICE ORDER**

**Subject:** Committee members for National Technical Event "Dexterity 2K19"

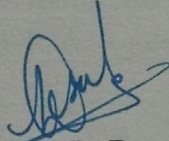
We are glad to announce that our National Level Technical Event "Dexterity 2K19" is scheduled on 4<sup>th</sup> January 2019.

For smooth functioning of the event different duties are assigned to staff members. The list of staff members and duty assigned is given in the table below.

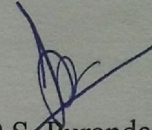
All coordinators are requested to carry the activities with help of team members.



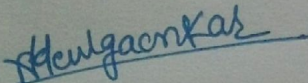
Prof. S.S. Raut  
Co-Incharge



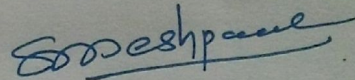
Prof. A. D. Desale  
Incharge



Dr. P.S. Purandare  
HOD, Mechanical



Dr. V. R. Deulgaonkar  
Dean (Student Affairs)



Dr. S. M. Deshpande  
Principal



Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
 S.No.18, Plot No.5/3, Karvenagar, Pune- 411052  
 Accredited With 'A' Grade by NAAC

Sr. No.	Name of Committee	Members of Dexterity 2K19	Department
1	Sponsorship	<b>Dr Vijay Bhatkar</b>	<b>Mechanical</b>
		Mr. Khushal Khairnar	Computer
		Ms. Preeti Joshi	IT
		Mr. A. G. Dakare	E & TC
		Mr. M. R. Tarambale	Electrical
2	Designing and Printing	<b>Mr. S. N. Belsare</b>	<b>Mechanical</b>
		Mr. V. B. Deokamble	E&TC
3	Website	Mr. Swapnil S. Shinde	<b>IT</b>
		Ms. Rupali M. Dalvi	Computer
4	Stage Decoration, Valedictory	<b>Ms. M. R. Pangaonkar</b>	<b>E &amp; TC</b>
		Mr. D. R. Patil	IT
		Ms. S. R. Deshmukh	Mechanical
		Mr. Pandurang More	Computer
		Mr. B. B. Bhure	Electrical
5	Prize Distribution & Felicitation	<b>Ms. Asma Mokashi</b>	<b>Computer</b>
		Ms. P. A. Rajput	E&TC
		Ms. Mithila Rajeshirke	Mechanical
		Mr. Jitendra Chavan	IT
		Mr. S. C. Jadhav	Electrical
		Ms. I. F. Shaikh	Mechanical
6	Postage, Publicity & Campaigning	<b>Mr. Anup Dakre</b>	<b>E &amp; TC</b>
		Mr. Shital Kakad	IT
		Mr. V. R. Bhoi	Electrical
		Mr. Vivek R. Sali	Computer
		Mr. G. R. Chaudhary	Mechanical
7	Registration	Event Coordinators of respective department.	
8	Accommodation	<b>Mr. Vilas Jadhav</b>	<b>Hostel In-charge</b>
		Mr. Harish Kadam	Hostel In-charge
		Ms. Jyoti Pund	Hostel In-charge
9	Food	<b>Ms. Sunita Upasani</b>	<b>Electrical</b>
		Mr. Sunil Kale	Mechanical
		Mr. Vaibhav Pisal	E & TC

Marathwada Mitra Mandal's  
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		Ms. Ashwini Bhugul	Computer
		Ms. Rashmi Bhattad	IT
		Mr. Nilesh Ahire	Office
10	Transportation & Guest	<b>Mr. M. V. Kawade</b>	<b>Mechanical</b>
		Mr. Rushikesh Darange	E & TC
11	Sponsored Stalls and Banners	Department Coordinators may decide in connection with Stage committee of Ensemble 2K19	
12	Feedback of participants and Analysis	<b>Mr. R. S. Yadav</b>	<b>Mechanical</b>
		Ms. Smita Kari	IT
13	Technical support	<b>Mr. Abhay Chagedia</b>	Computer
		Mr. Pandurang More	Computer
		Mr. Suresh Bhise	Electrical
		Mr. Sachin Bhalerao	E & TC
14	Photography	<b>Mr. G. R. Jadhav</b>	Electrical
		Mr. Rupesh Kundap	E & TC
15	Accounts & Finance	<b>Mr. H. C. Pisal</b>	<b>Mechanical</b>
		Ms. Ila Sawant	Computer
		Mr. S. M. Harite	Electrical
		Mr. Pratik Kamble	IT
		Mr. Swapnil Shinde	Computer
		Ms. A. A. Kunte	E & TC
		Mr. Abhijit Vhatkar	MBA
Mr. Milind Mujumdar	Office		

Marathwada Mitra Mandal's  
**COLLEGE OF ENGINEERING**  
 S.No.18, Plot No.5/3, Karvenagar, Pune- 411052  
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Sr. No.	Department	Department Coordinator for Dexterity 2K19
1	Electrical	Mr. A. M. Suryawanshi
		9146771188
2	E & TC	Ms. Snehal Koparde
		9766392590
3	Mechanical	Mr. Anand Gholap
		9767688123
4	Computer	Ms. Ila Sawant
		9923907150
5	IT	Mr. Nikhil Dhavase
		9960489382
6	MBA	Ms. Tina Corera
		8806655167

Sr. No	Department	Event 1 coordinator for Dexterity 2K19	Event 2 coordinator for Dexterity 2K19
1	Electrical	Ms.Cristina Thotten	Mr. M. D. Raut
		8888866022	9766518292
2	E & TC	Ms. R. R. Malekar	Ms. S. A. Joshi
		9922753845	9850120200
3	Mechanical	Mr. Nachiket Korde	Mr. S. R. Dhok
		8237346377	9028645402
4	Computer	Ms. Pooja Deshmukh	Ms. Neha Padgilwar
		9028319200	9921771364
5	IT	Ms. Pranjali Kuche	Mr. Sudhanshu Gonge
		9075079684	9766578019
6	MBA	Mr. Abhijit Vhatkar	Ms. Tina Corera
		9970836707	8806655167

# Marathawada Mitra Mandal's College of Engineering

Karvenagar, Pune-052

Department of Electronics and Telecommunication

Technical Event

## “DEXTERITY-2K19”

16 Jan 2019

### Report

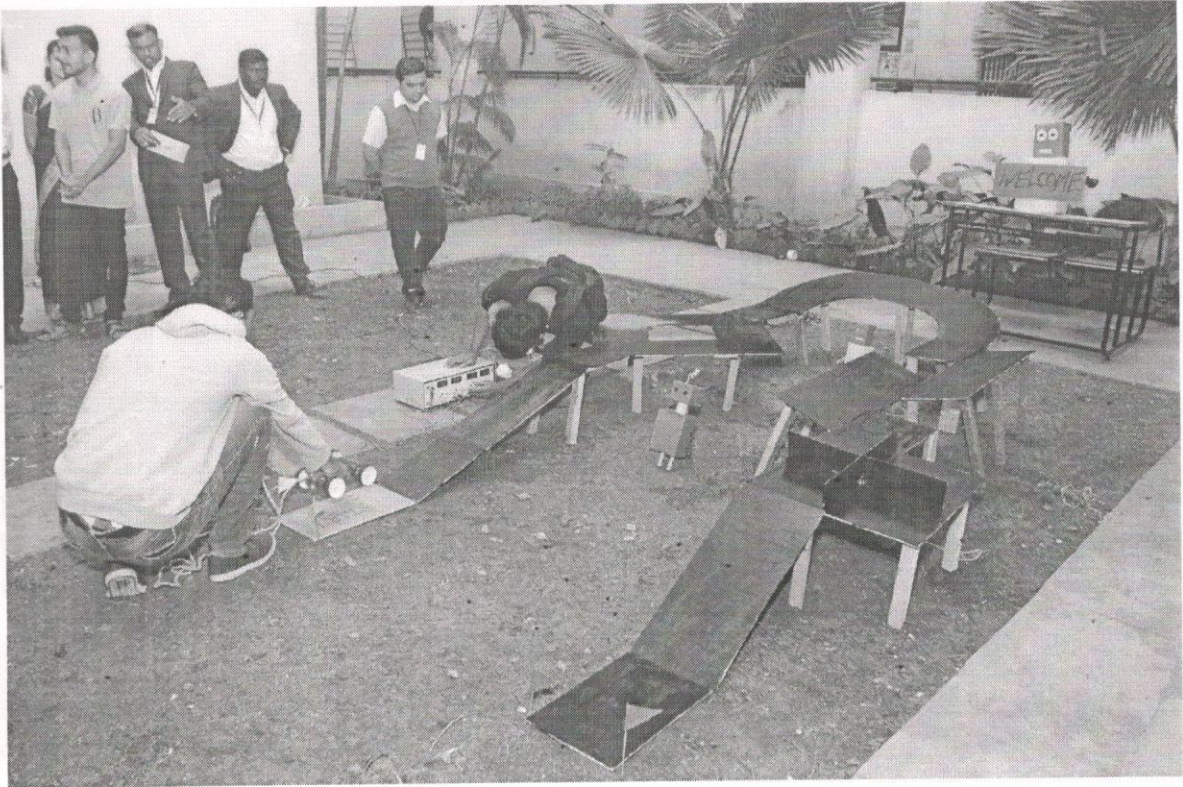
Marathawada Mitra Mandal's College of Engineering organized a National level Technical Event-“DEXTERITY-2K19” on 16th Jan 2019. Under this event Department of E&TC organized three events namely Roborace, Creatronics. The objective of this event was to provide a platform to the students to present their technical skills and to unleash their ideas.

Principal Dr. S.M. Deshpande inaugurated the events. More than 58 students from SE, TE & BE from MMCOE as well as from other colleges participated in the event. A wide publicity was done by our campaigning team in all colleges in Pune was done by sending emails to all Engineering colleges as well as displaying posters.

Cash Prizes were given to the 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> positions.

The coordinators are thankful to our Principal Dr.S.M.Deshpande and all the E&TC staff members & students for successful execution of DEXTERITY-2K19.





*S. J. Koparde*

Ms. S. J. Koparde  
Department Co-ordinator  
DEXTERITY 2K19

*P. S. Sawant*

Mrs. P. S. Sawant  
HEAD  
Dept. Of E&TC

*H. N. Burande*

Mrs. H. N. Burande  
Functional HEAD  
Technical Committee

*V. R. Deulgaonkar*

Dr. V. R. Deulgaonkar  
Dean (Students Affair)

Events :-

- 1) Creaty mix = 12 x 50 = 600 and  
2) Robo Race = 8 x 100 = 800  
1440




**DEXTERITY REGISTRATION LIST**

**DEPARTMENT: Electronics & Telecommunication**

SR. NO.	Name of Student	COLLEGE NAME	MOBILE NO.	SIGN
1	Priti Deshmukh	MMCOE	8484073128	
2	Ashwin Belsare	MMCOE	7775011618	
3	Nikhil Mane	AISSMS IOIT	7276525366	
4	Madhhusudan Babar	AISSMS IOIT	8600616058	
5	Dewadatta Avasare	MMCOE	9527791498	
6	Swaraj Dergaonkar	MMCOE	8379906716	
7	Rohit Dale	MMCOE	8663110118	
8	Vijay Rathod	MMCOE	9011332467	
9	Pratiksha Suryavanshi	MMCOE	9660402006	
10	Subas mane	RPO	8830042977	
11	Ghule Pchit	GPO	8766778688	
12	Harshad More	SCOE, Pune	9595414692	
13	Prasad Narkhedkar	MMCOE	7767950960	
14	Avinash Baviskar	SKN, SCOE, Pune	7507005525	
15	Shubham Mujajan	SCOE, Pune	7507005525	
16	Amkar Jagdale	MMCOE	8975135116	
17	Pratiksha Halunde	MMCOE	7588954648	
18	Shubham Amrutkar	MMCOE	7350201681	
19	Chirag Borele	MMCOE	8983482117	
20	Nishant ...	MMCOE		

DEXTERITY REGISTRATION LIST

DEPARTMENT: Electronic & ~~Comm~~ Tele communication

SR. NO.	Name of Student	COLLEGE NAME	MOBILE NO.	SIGN
1	Bhalerao Sagar	MAMCOE	9922729920	
2	Dakur Karanpur	SIITS	8446701267	
3	Animesh Balaji	SIITS	7769921159	
4				
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Marathwada Mitra Mandal's,  
College of Engineering, Pune  
Accredited with A Grade by NAAC  
"DEXTERITY-2K19"

NEFT Details of Beneficiaries

Sr. No.	Name	Name of bank	Branch name of Bank	Savings Bank Account Number	IFSC Code	Category	Amount (Rs.)	Bill/Receipt Number/Date	Signature
1	Swaraj Deegankar	Bank of Baroda	Ambejugai	09888100006818	BARBOAMBHI				
2	Vaibhav Chavan	SBI	UTANI	34795725655	SBIN0003800	2nd			
3	Aadesh Askeran	Bank of India	Phartam	130510110018187	BKID0001305	3rd			
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20									

*[Signature]*

Department Coordinator

Accounts & Finance Coordinator

Incharge-Dexterity

Head of Electrical Engineering Department

Accounts Department

Principal



NEFT Details of Beneficiaries

Sr. No.	Name	Name of bank	Branch name of Bank	Savings Bank Account Number	IFSC Code	Category	Amount (Rs.)	Bill/Receipt Number/Date	Signature
1	Shubham Mahajan	BOM	Jalgaon Road	60045009445	MAHB0000527	STUDENT	4000	5233	
2	Harshal More	SBI	Jalgaon road	32459568791	SBIN0000393	STUDENT	3000	5225	
3	Onkar Karampure	TDBI	Narhe Branch	1357106000022996	IBKL0001357	<del>STUDENT</del>	2000	5285	
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Department Coordinator

Accounts & Finance Coordinator

Incharge-Dexterity

Head of Electrical Engineering Department

Accounts Department

Principal

मित्र मंडळ

ज ऑफ इंजिनिअरिंग

सावित्रीबाई नवी दिल्ली द्वारे मंजूर आणि  
सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न संस्था  
(पुर्वीचे पुणे विद्यापीठ)

स. नं. १८, प्लॉट नं. ५/३, वनदेवी मंदिरा जवळ,  
करवेनगर, पुणे ४११ ०५२

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Affiliated to Savitribai Phule Pune University,

S. No. 18, Plot No. 5/3, Near Vandevi Temple,  
Karvenagar, Pune 411 052

Id No. : PU/PN/Engg./251/2006)

Ref. No.: MMCOE/ETC/2018-19/

Date:-16<sup>th</sup> January, 2019

To,

**Mys. Sarika Sarode**

Executive Director

Pearl Energy Solutions India Pvt Ltd

Respected Madam,

Marathwada Mitra Mandal's College of Engineering takes the opportunity to thank you for judging the event of ROBORACE (Dexterity 2k19). We sincerely appreciate your time and effort in making our contest a success.

Again, thanks for your generous support and we hope that you will consider supporting ROBORACE competition in the future.

Yours truly,

*P.S. Sawant*

Mrs. P.S.Sawant

HEAD

Department of E &TC Engg.

*Recvd.*

मित्र मंडळ

ऑफ इंजिनिअरिंग

वसिटीई न्द्री दिल्ली द्वारे मंजुर आणि  
सवित्रीबाई फुले पुणे विद्यापीठाशी संलग्न संस्था  
(पुर्वीचे पुणे विद्यापीठ)

स. नं. १८, प्लॉट नं. ५/३, वनदेवी मंदिरा जवळ,  
करवेनगर, पुणे ४११ ०५२

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Karvenagar, Pune 411 052

Id No. : PU/PN/Engg./251/2006)

Ref. No.: MMCOE/ETC/2018-19/

Date:-16<sup>th</sup> January, 2019

To,  
Mr. Gaurav Borade

Respected Sir,

Marathwada Mitra Mandal's College of Engineering takes the opportunity to thank you for judging the event of Creatronix (Dexterity 2k19). We sincerely appreciate your time and effort in making our contest a success.

Again, thanks for your generous support and we hope that you will consider supporting Creatronix competition in the future.

Yours truly,

*P. Sawant*

Mrs. P.S.Sawant

HEAD

Department of E & TC Engg.

Received. ( @Merrids )

Date :- 16/01/2019

**DEPARTMENT OF ENGINEERING SCIENCES**

Academic Year: 2018-19 (Sem – II)

Event Name: UDAAN 2K19

Event Date: 15 – 16/01/2019

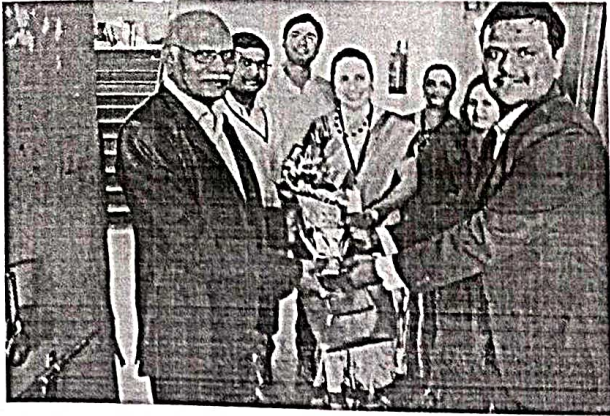
Venue: MMCOE Physics Lab.(601) & FPL Lab.(605)

**REPORT OF EVENT UDAAN 2K19**

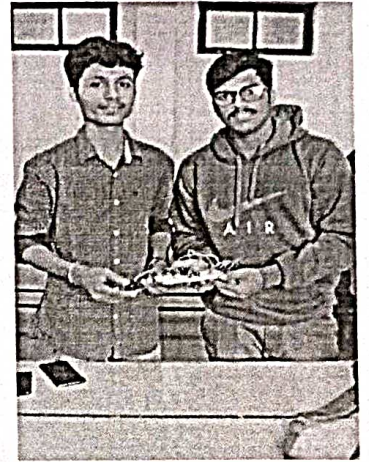


Udaan 2K19 was organized on 15<sup>th</sup> and 16<sup>th</sup> January 2019 at Marathwada Mitramandal's College of Engineering Pune. The event was inaugurated by honorable Dr. S. M. Deshpande, Principal, MMCOE in presence of Chief Guest Dr. D. B. Dhaigude, Emeritus Professor in Mathematics. The event was coordinated by Prof. Shivkumar Balagaon under the guidance of Dr. A. S. Sawaikar, HOD, DES. It comprised of Quiz Competition, Model Making and Poster Presentation. It received a great response from the First Year students. 26 groups of students took part in Quiz Competition, 7 groups in Model Making and 8 groups in Poster Presentation. The event came as a sigh of relief for students who were engrossed in academics. The Quiz Competition tested the general awareness and aptitude of students in fields varying from General Sciences to Sports and Science Fiction Movies. Model Making gave them the liberty of creating working as well as Static models. Students showed their creativity by making models such as Smoke Detector, Green Building, Mini Vacuum Cleaner, Mechanical Arm, Freezer, etc. Poster presentation gave them the opportunity to talk on a topic of their choice such as Golden Ratio, Ramanujan Magic Square, Jet engine, Janicky Omni processor, etc. The Model Making and Poster Presentation Competitions were adjudged by Chief Guest Dr. D. B.

Dhaigude, Emeritus Professor and Prof. Ravindra Kamble & Prof. Rakesh Unecha of MMCOE. The event was graced by the presence of senior faculties from MMCOE as well as outside visitors.



Honorable Chief Guest Dr. D. B. Dhaigude being felicitated by Coordinator Prof. Shivkumar Balagaon in presence of Dr. A. S. Sawaikar, HOD, DES.



Participants: Poster presentation & Model making Competitions



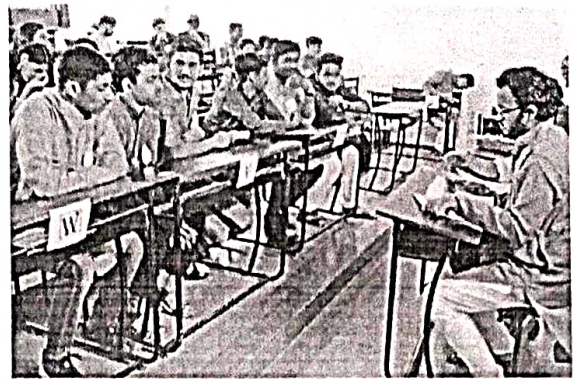
Chief Guest Honorable Dr. D. B. Dhaigude With Program Coordinator Prof. S. L. Balagaon and Event Coordinator Prof. V. S. Potdar analyzing student's Knowledge



Internal Judges Prof. Ravindra Kamble, Prof. Rakesh Unecha examining student's knowledge



Dr. S. M. Deshpande, Principal, MMCOE  
analyzing Quiz competition questionnaires



Quiz Competition Participants



Udaan Coordinators, Student Volunteers with Dr. S.  
M. Deshpande, Principal & Dr. A. S. Sawaikar,  
HOD, DES.



Winners of Udaan 2K19 Quiz Competitions.

Report By : Mr. V. S. Potdar

Mr. S. L. Balagaon

Udaan 2K19 Coordinator

Dr. Mrs. A. S. Sawaikar

Head, DES

**Marathwada Mitra Mandal's**  
**College of Engineering**  
**Karvenagar, Pune-52**  
Accredited with 'A' Grade by NAAC

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Report of  
"Hacksprint V1.0"  
from 22<sup>nd</sup> March, 2019  
to 24<sup>th</sup> March, 2019

The ISTE Students' Chapter of Marathwada Mitra Mandal's College of Engineering, Pune collaborated with the ACM Student Chapter, MMCOE to conduct HackSprint v1.0 - a 36 hours hackathon - from 22<sup>nd</sup> March, 2019 to 24<sup>th</sup> March, 2019. The competition was organized in the college premises in association with India Forensic Pvt. Ltd., Cybervault Security and Solutions, ISACA, and Prudent Software and Grooming Academy.

**Competition Details:**

To compete in this competition, candidates had to register in a team of minimum 3 and maximum 4 contestants with a minimal registration fee of 400 rupees. The competition had teams tackling live APIs and problem statements (Software and IoT) given by the sponsors. The teams were guided by alumni mentors from MMCOE. The evaluators from companies did the assessment of the work done by the teams to declare the winner.

**Conduction of the Programme:**

The programme started with felicitation of the guests, Mr. Prithviraj Patil, Assistant Vice President, Citi Group and Mr. Mayur Joshi, Director, India Forensic Pvt Ltd. The event was successfully conducted on college premises with **21 teams consisting of 56 boys and 21 girls** with all the requirements of the participants met.

The participants were given time to select their problem statements and then they started working on

it after having a brief conversation with the alumni mentors who helped out the participants in their technical difficulties. ISTE and ACM support team were there to help out with anything that the participants needed, making it a very efficient and successful event.

The participants worked to the bone to bring the problem statement to realisation. The determination of the participants and ability to work out the small details resulted in some very interesting and unique implementations of the given problem statements within the given set of rules of the competition.

The programme ended with the result declaration of Shubham Thorat and group from AISSMS COE as the winners of the hackathon with the prize of 10000/-, Aditya Deshpande and group of MMCOE were first runner ups with the prize of 7000/- and Shivani Kadam and group from MKSSS Cummins College were the second runner ups bagging the prize of 5000/-. The winners were felicitated by Mr. Hemant Dhole and Mr. Pushkar Desane from ISACA. Three distinct groups were also presented 'The Best Performance Award' with a consolation amount of 1000/-.

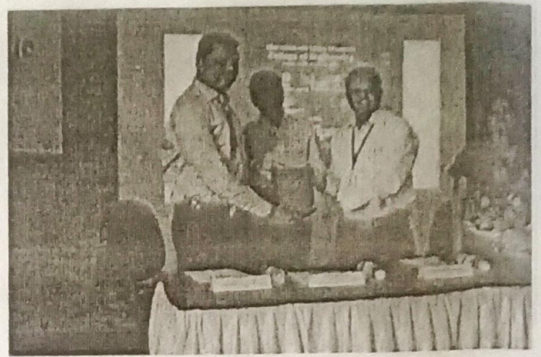
It was a challenging yet enthralling competition with some very interesting problem statements resulting in unique takes on them by the participants. Such a feat was only possible due to the support of the teams, staff members, alumni mentors, ISTE organising committee and ACM organising committee.



Photographs:



Inauguration of HackSprint v1.0 by the hands of Mr. Mayur Joshi and Mr. Prithraj Patil



Felicitation of Guests by Principal Dr. S. M. Deshpande



Group photograph of all participants and mentors




Participant teams enthusiastically working on code

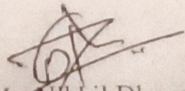


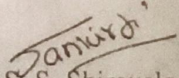
Felicitation of winning team



Felicitation of Mr. Chinmay Kaundanya Alumni Mentor

  
Ms. Harshada Burande  
Technical Committee

  
Mr. Nikhil Dhavase  
Faculty Advisor, ACM

  
Mrs. S. S. Shiravale  
Faculty Advisor, ISTE





Marathwada Mitra Mandal's  
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List of Mentors associated with HackSprint v1.0:

**Computer Department**

1. Omkar Pathak
2. Akash Nalawade
3. Chinmay Kaundanya
4. Bharat Mazire
5. Chinmay Chiplunkar
6. Rutwik Choughule

**Information Technology**

7. Yash Shah
8. Rupali Shende
9. Rohan Jadhav
10. Taher Punawala
11. Arpita Kulkarni
12. Shrinivas Deshmukh

**E & TC**

13. Shubham Katore

*HO*

Ms. Harshada Burande,  
Technical Committee

*[Signature]*

Mr. Nikhile Dhavase  
Faculty Advisor, ACM

*[Signature]*

Ms. Sankirti Shiravale,  
Faculty Advisor, ISTE

