Modern Education Society's College of Engineering

Reflection

> Creativity is the key to success in the future, and primary education is where teachers can bring creativity in children at that level.
>
> – A. P. J. Abdul Kalam
>
> *Double Quotes*
> *doublequotes.net*

Number of students placed in IT companies:

- **MediaOcean - 4**
- **Zensar - 9**
- **Fiserv - 4**
- **L & T Infotech - 18**
- **Eternus – 3**
- **Flex - 2**

Inside this issue:

A newsletter of Department of Computer Engineering

Message From Head of The Department

In line with its name, this newsletter reflects upon the performance of our students in academics, as well as, co-curricular and extra-curricular activities.

It gives me immense pleasure to present before you the eighteenth issue of *"REFLECTION"*. This internal newsletter is one of the ways in which we can disseminate information on the life of the Department. The past semester was full of various activities by students and faculty on all the fronts including academic, co-curricular, extra-curricular and research & development.

Our major concentration in the coming days would be to motivate students to undergo internships in various renowned organisations. I would like to thank all my colleagues for their consistent efforts to help the department progress at a very steady pace.

My best wishes to all who receive this Newsletter.

Dr. Nuzhat F. Shaikh

Message From the Editor

We are presenting you with the eighteenth issue of our newsletter "Reflection". Our intention is to put out two issues per year, one at the end of May and the other at the end of November.

The success of this newsletter depends on your response. I would appreciate your feedback.

Prof. Archana P. Kale

My Campus MESCOE,PUNE-01

Modern Education Society's
College of Engineering, Pune

CLASS TOPPERS

S.E.– I (SEM II)

Satyapriya Raut
(1174/1500) - 9.08

Nitesh Prajapati
(1157/1500) - 9.02

Rachana Gugule
(1120/1500) - 8.8

Swati Patra
(1112/1500) - 8.84

Deepak Kadam
(1105/1500) - 8.72

S.E.– II (SEM II)

Gujrathi Sharvin
(1224/1500) - 9.3

Deshmukh Rutuja
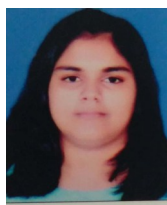(1196/1500) - 9.28

Shaikh Juveria
(1181/1500) - 9.06

Kolhapure Aishwarya
(1125/1500) - 8.92
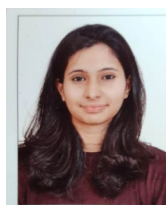
Kulkarni Swati
(1098/1500) - 8.84

S.E.– Second Shift (SEM II)

Gavhane Siddhi
(1139/1500) -8.92

Bohra Darshita
(1134/1500) - 8.84

Ballal Jeevya
(1086/1500) - 8.58

Mane Pravin
(1065/1500) - 8.36

Suryavanshi Patil S.
(1065/1500) - 8.34

T.E. - I (SEM II)

Bagwan Tanaz
(1199/1500) - 9.3

Patil Prajakta
(1189/1500) - 9.15

Jadhav Vipul
(1116/1500) - 9.02

Sarang Manjusha
(1096/1500) - 8.93

Kolhe Shweta
(1120/1500) - 8.87

T.E.—II (SEM II)

Akshay Bhat
(1151/1500) - 9.15

Sushila Chaudhary
(1129/1500) - 9.09

Ibtesham Shaikh
(1103/1500) - 8.91

Uday Sawant
(1108/1500) - 8.89

Anita Khareshiya
(1131/1500) - 8.89

Confidence and Hardwork is the best medicine to killed the disease like failure. It will make you a successful person.

- Albdul Kalam

2

CLASS TOPPERS

T.E.– Second Shift (SEM II)

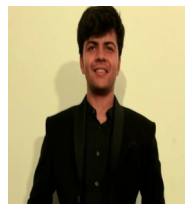|				
Shaikh Uzma (1161/1500) - 9.09	Hundalekar Priyanka (1118/1500) - 8.89	Seth Tanvi (1101/1500) - 8.89	Kasture Pooja (1119/1500) - 8.85	Sharma Shikha (1073/1500) - 8.52

B.E.– I (SEM II)

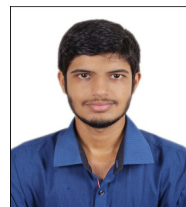|				
Gund Sayali (1212/1500) 80.8%	Kale Pooja (1187/1500) 79.13%	Sunny Doultani (1166/1500) 77.73%	Hande Pranjal (1163/1500) 77.53%	Damania Habil (1154/1500) 76.93%

B.E.– II (SEM II)

Shaikh Amina (1229/1500) 81.93%	Alhat Apekksha (1221/1500) 81.4%	Sant Akshay (1212/1500) 80.8%	Gohil Nikita (1151/1500) 76.73%	Paradkar Vishwajeet (1147/1500) 76.47%

B.E. - Second Shift   (SEM II)

Kale Komal (1224/1500) 81.6%	Deshmukh Sheetal (1152/1500) 76.8%	Akadkar Darshana (1139/1500) 75.93%	Shede Sonali (1134/1500) 75.6%	Kolekar Dhanashri (1133/1500) 75.53%

Education is the most POWERFUL WEAPON which you can use to change the WORLD.

-Nelson Mandela

Arise, awake, stop not until your goal is achieved.

Student Achievements

1. Sudesh Pawar presented a paper titled, "Smart Home System using IoT & AI", in 2nd International Conference on Emerging Trends in Science, Engineering and Management **ICETSEM-2018**.
2. Ms. Supriya Khaire [ME Comp IInd Year] published a research paper entitled, "Water Quality Data Gathering and Analysis System Using IoT Environment" in Journal of Applied Science And Computations [**JASC**], **UGC Approved,** Impact Factor: 5.8, Volume 5, Issue 7, pp 55-62, July 2018. .
3. Ms. Supriya Khaire [ME Comp IInd Year] presented a paper entitled, "Water Quality Data Analysis and Monitoring System in IoT Environment", at **IEEE** 3rd International Conference on Contemporary Computing and Informatics (**IC3I**) held at the Amity University Amity Education Valley, Gurgaon (Manesar), Haryana, India during Oct. 10 - 12, 2018.
4. Yogen Ghodke and Sudesh Pawar [SE Comp I] published a research paper entitled, "Macro Software Integration in Oerating System for Office Automation", in International Journal of Research And Innovative Ideas in Education [**IJARIIE**], Impact Factor: 4.06, Volume 4, Issue 4, pp 442-449, 2018.
5. Sudesh Pawar [SE Comp I] published a research paper entitled, "Smart Home System using IoT and AI", in International Journal of Management, Technology And Engineering [**IJMTE**], **UGC Approved,** Volume 8, Issue XI, pp. 2241-2246, November 2018.
6. Mr. Umar Solanki published a paper titled, "Privacy preservation Data publishing by Applying Scalable Mapreduce Bottom Up Generalization (MRBUG) Technique", in **JASC** journal Volume 5, Issue 7, July 2018.
7. Aditya Jadhav, Chetan Raina, Gaurav Nagoshe and Suraj Kale, published a paper titled, " Data Migration From SQL to MongoDB", in Helix Journal, Volume 8(5), DOI : 10.29042/2018-3701-3704, (**ESCI-**Emerging Sources Citation Index), on 31st August 2018.
8. Prakash Patel, Pallavi Jain, Swapnil Bhambure andYashraj Sen published a paper titled, "Predictive Maintenance Approach on Automobiles", in **UGC Approved** International Journal of Computer Sciences and Engineering (**IJCSE**) , Volume 6(9), E-ISSN: 2347-2693, September 2018.

Departmental Events

1. A Guest Lecture was arranged for the students of B.E. Computer on the topic of "**Guidelines for Selecting BE project**" on 12th July 2018. The speaker for the session was Mr. Amey Paratkar, Product Manager, Harvestgrid, Seed Pune. He explained and discussed several steps involved in sponsor projects.

2. A Guest Lecture was arranged for the students of TE/BE second shift Computer on the topic of "**Ethical Hacking"** on 18th July 2018. The speaker for the session was Mr. Rizwan Shaikh , Founder Prostine Info Solution. The speaker elaborated the information of Ethical Hacking .

3. A Guest Lecture was arranged for the students of TE-I and TE-II Computer on the topic of "**Webinar 'Using Network Visibility to Detect Well-Hidden Threat'** " on 20th August 2018. The speaker for the session Ms Lauren Horaist, Mr Thomas Obremski, Security Intelligence Product Marketing ,IBM Security. The speaker explained common tricks attackers use to evade detection .

4. A Guest Lecture was arranged for the students of All TE Computer on the topic of "**Android Programming**" on 24th August 2018. The speaker for the session was Mrs Rashmi Tambat ,Freelance Android Developer and Trainer. The speaker explained the basic of androids ,architecture of it, simple programming using android studio.

5. A Guest Lecture was arranged for the students of All TE Computer on the topic of " **Intellectual Property Rights**" on 7th September 2018. The speaker for the session was Mr.Vijay Bhosale,Patent Associate – Khurana & Khurana Advocates & IP Attorneys . The speaker discussed the basic of Intellectual Property. .

6. A Guest Lecture was arranged for the students of PG Computer on the topic of "**Guidelines to create Intellectual Property** " on 29th September 2018. The speaker for the session was Mr.Vijay Bhosale,Patent Associate – Khurana & Khurana Advocates & IP Attorneys. The speaker explained the various types of IPR i. e. copyrights, patents, and trademarks .

BE Student Placement

Company Name	Name of the student
MediaOcean	Prakash Patel, Prashant Vishwakarma, Swapnil Bhambure, Uday Motiram Sawant
Zensar	Prajakta Patil, Gauri Kolte, Nida Shaikh, Shivani Thakur, Vithal Waghmode, Jasmine Mulla, Karan Shah, Mehnaaz Girniwala, Uzma Shaikh
L&T Infotech	Cristal Lobo, Kanak Likhite, Sharvari Kulkarni, Mansi Kshirsagar, Diksha Adsul, Purvi Modi, Kshitij Agrawal, Tanvi Seth, Steffy Dias, Ruchi Shinde, Payal Khatri, Samira Nikharge, Jennifer Fernandes, Ghazala Mirani, Anagha Subhedar, Rameez Parkar, Nikita Khandagale, Cyril Jose
Eternus	Unmesh Kulkarni, Mahesh Biswas, Sahil Shitole
Fiserv	Tushar Deshpande, Makrand Raut, Jitenrda Choudhary, Akshay Jain
Flex	Vaishnavi Kamthe, Ashwini Pawar

Day's Celebration

Independence Day:

On the occasion of Independence day, flag hoisting was held on 15th August 2018 at 7:50 am. Outcome of this celebration is students will develop a sense of responsibility and accountability for their actions and performance. Also, students will be able to use technology to interact and provide service to the society.

The objective of this program is to salute our martyrs who laid their lives for the defense of the country and to contribute to the social and cultural forum for the Indian community. It also contribute to humanitarian causes.

Teacher's Day:

Teachers day is celebrated as a tribute to the valuable contribution made by teachers to the society by imparting knowledge and enlightening and shaping the career of students. TE students had organized Teacher's day celebration program in seminar hall no. 514 from 12.00 to 2.00 pm. Some students shared there views about teachers and Teachers day. Every teacher felicities with a gift. Students have shown the video clip.

The objective of this program is to celebrate the Birthday of timeless teacher and former president Dr. Sarvepalli Radhakrishnan and to respect and appreciate Teacher's role in students life.

Yoga Day:

National Institute of Naturopathy (NIN) Pune celebrated International Day of Yoga 2018 in large scale in collaboration with Modern Education Society, Wadia college campus. International day of Yoga-common protocol training has been performed by the all officials and participants in the presence of Shri. Girish Bapat, Hon. Minister of state (Maharashtra), Secretary (Modern Education Society) and other dignitaries on 21st June 2018, at 07.00 am to 08.00 am in Wadia college ground.

5

Astitva 2018

Debate Competition :
Debate competition held on 24th and 25th August 2018 under Astitva 2018. There are total 22 participants (11 groups) in the debate competition. The guest and judge for the last round is **Mrs. Sumira Chandhok**.

Gandhi Jayanti :
A Guest lecture was arranged on 150th birth anniversary of Mahatma Gandhi on 1st October 2018 in seminar hall 509 under Astitva 2018. The guest for the session was Mr. Sandip Rajani Jayant Barve, social worker in 'Yuvak Kranti Dal' organization. They are fighting for the different social problems with the Non-violence arm. He explained the all aspects about the 'Satyagriha' and Non-voilence.

Coordinators: Prof. S. R. Keshari

Workshop and Faculty Development Program

Sr No	Workshop	Class	Week and date (Venue)
1	Workshop on Functional Programming	TE COMP (Top 30 Rank holder)	28/06/2018 to 29/06/2018 (304)
2	Cyber Disease	BE COMP	6th and 7th October 2018 (304)
3	Mozilla Firefox Club	TE COMP	7 September 2018
4	Advance Cloud Tech	BE COMP	22 September 2018 (514)
5	Hachtech Workshop - 40 Hrs. - Pristine Info solutions -	TE/BE COMP	July –September 2018 (304)
6	Big Data - 60 Hrs. - Globe minds Solution	BE COMP	July – September 2018 (304)
7	Stand to win Mental Awareness Program	SE and TE COMP	28 September 2018 (514)
8	Latex Workshop in Association	TE COMP	22 September 2018 (509)
9	One day FDP on "Guidelines to create Intellectual Property[IP]"	All Staff Members	29 September 2018 (514)

National Service Scheme Activities

Behavioral Change in Respect of Sanitation :
The NSS wing of MES College of Engineering Pune, organized an awareness program on "Behavioral Change" with respect to sanitation on 25th Sept 2018. The NSS volunteers went to a PMC (Pune Municipal Corporation) school named 'Mahatma Jyotiba Phule' which is located on dhole patil road, near wadia college campus. The volunteers demonstrated a program on hygiene habits, their importance and the adverse effects of unhygienic activities.

Swachhbharatabhiyan Cleanliness drive:

NSS unit of MESCOE organized Swachhbharatabhiyan (Street play) and cleanliness drive on Monday 1st October 2018. All the NSS students actively participated and made the activity successful.

Blood Donation Camp:

Blood Donation Camp is organized on Thursday 4th October 2018 by MESCOE NSS unit in association with Sassoon Hospital Blood Bank and Aachary Anandrushiji Blood Bank in MESCOE Library reading hall.
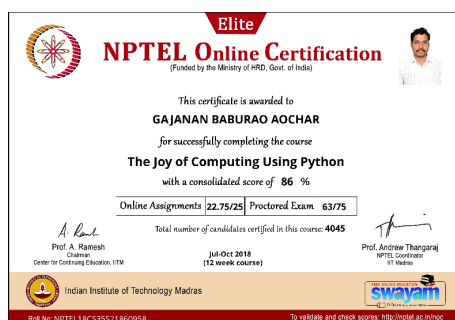
Annual Donation Drive

MES College of Engineering in association with Oder Charitable trust is has organized Annual Donation Drive. Donation drive includes donation of your new/old belongings (Cloths, Toys, Books, Stationary, Utensils, Blankets, and Woollen Wears etc) on 8th Oct 2018 and handover to Ashram member.

Staff Achievements

1. Dr. J.R.Pansare **awarded Doctor of Philosophy (Ph. D.)** from Devi Ahilya Vishwavidya Indore in June 2018.
2. Dr. J. R. Pansare worked as **Resource Person** for Technical Talk on " Innovation, Research, and Publication on 07.08.18 at Vishwakarma Institute of Technology (VIT), Pune .
3. All staff members attended one day **FDP** on "Guidelines to create Intellectual Property [IP]" on 29th September 2018 at MESCOE Pune.
4. Prof. R.M.Wahul, Prof. B.K.Bodkhe, Prof. S.P.Deore, Prof. G.S.Pole, Prof. S.H.Pathan, Prof. S.E.Ingle, Prof. A.D.Dhawale, Prof. G.B.Aochar attended B.E. Syllabus Revision **Workshop**.
5. Prof. B.K.Bodkhe worked as a **Reviewer for Springer Journal** of Big Data.
6. Prof. A.P.Kale worked as a **Reviewer for Springer Journal** of Technology, Knowledge and Learning (TKNL) and for **Elsevier Journal** of Franklin Institute.
7. Prof. A.P.Kale attended One Week **FDP** on "Recent Trends in Machine Learning" under Technical Education Quality Improvement Programme (**TE-QIP-III**) from 5th June to 9th June 2018 at Walchand college of Engineering Sangli.
8. Prof. A.P. Kale appointed as a **Technical Committee Member** in IEEE 5th International Conference on Information Management (**IEEE-ICIM 2019**), Cambridge, United Kingdom.
9. Prof. G.B.Aochar completed 12 weeks **NPTEL** Swayam Online Course on "The joy of computing using Python" with Certificate (IIT-Madras).
10. Prof. G.B.Aochar attended one day **workshop** on "NPTEL Awareness Program" on 29th Nov 2018 at MITAOE, Alandi, Pune.

1. Dr. N. F. Shaikh published a paper titled, "Data Migration From SQL to MongoDB", in Helix Journal, Volume 8 (5), DOI 10.29042/2018-3701-3704, on 31st August 2018 (**ESCI**-Emerging Sources Citation Index)

2. Dr. N. F. Shaikh published a paper titled, "Predictive Maintenance Approach on Automobiles", in **UGC Approved** International Journal of Computer Sciences and Engineering (**IJCSE**), Volume 6(9), E-ISSN: 2347-2693, September 2018.

3. Prof. R. A. Khan published a paper titled, "Privacy preservation Data publishing by Applying Scalable Map reduce Bottom Up Generalization (MRBUG) Technique", in **UGC Approved** Journal of Applied Science and Computations (**JASC),** Volume 5, Issue 7, pp. 105-114, July 2018 .

4. **Dr. S. K. Wagh** published a paper titled "An Effective method for HTTP Botnet Intrusion Detection Using Kohonen-Artificial Neural Networks" in **UGC Approved** International Journal of Scientific Research in Computer Science Applications and Management Studies (**IJSRCSAMS**), ISSN 2319-1953, Impact Factor: 0.654, Volume 7, Issue 3, June 2018.

5. Dr. J. R. Pansare published a research paper titled, "Real-Time Text Reader", International Journal of Computer Application (**IJCA**), Volume 182, No. 34, ISSN: 0975-8887, DOI : 10.5120/ijca2018918089, December 2018.

6. Dr. J. R. Pansare published a research paper titled, "A Comprehensive Approach for Real-Time Character Recognition System for Image Video and Handwritten Documents", in **UGC Approved** International Journal of Scientific Development and Research (**IJSDR**), ISSN: 2455-2631, Volume 3, No. 12, pp. 268-273, December 2018.

7. **Dr. J. R. Pansare** published research paper entitled, "Cross-Platform Application Using PHONEGAP", **UGC Approved** International Journal of Science and Advanced Research in Technology (**IJSART**), Volume 4, No. 12, ISSN 2395-1052, Impact factor 5.388, pp. 15-18, December 2018.

8. Prof. R. M. Wahul published a research paper entitled, "Water Quality Data Gathering and Analysis System Using IoT Environment", in **UGC Approved** Journal of Applied Science And Computations [**JASC**], Impact Factor 5.8, Volume 5, Issue 7, pp. 55-62, July 2018.

9. Prof. R. M. Wahul published book chapter titled, "Smart City Project Management System Using Cloud", in Advances in Intelligent Systems and Computing [**AISC**] V810, published by **Springer**, Singapore, **Scopus Indexed**, 13th September 2018.

10. Prof. R. M. Wahul presented a paper entitled, "Water Quality Data Analysis and Monitoring System in IoT Environment", in **IEEE** 3rd International Conference on Contemporary Computing and Informatics (**IC3I**) held at the Amity University Amity Education Valley, Gurgaon (Manesar), Haryana, India during October 10 - 12, 2018.

11. Prof. A. P. Kale published a research paper entitled, "PF-FELM : A Robust PCA Feature Selection for Fuzzy Extreme Learning Machine", in **IEEE Journal** of Selected Topics in Signal Processing (**J-STSP**) - Special Issue on Data Science: Robust Subspace Learning and Tracking: Theory, Algorithms, and Applications, **Scopus Indexed**, Science Citation Index Expanded - **Web of Science**, Impact factor 4.361, Print ISSN: 1932-4553, Online ISSN: 1941-0484, DOI: 10.1109/ JSTSP.2018.2873988, Volume 12, Issue 6, pp. 1303-1312, 2018.

12. Prof. A. P. Kale published a research paper entitled, "F-WSS^{++} : Incremental Wrapper Subset Selection Approach for Fuzzy Extreme Learning", in **Springer Journal** of Machine Learning and Cybernetics (**JMLC**), **Scopus Indexed**, Science Citation Index Expanded (SciSearch), Impact factor 2.692, ISSN: 1868-8071, Journal No. 13042, DOI: 10.1007/s13042-018-0859-9, 2018.

13. **Prof. A. P. Kale** published a research paper entitled, "IoT based Smart Farming : Feature Subset Selection for Optimized High-Dimensional Data using Improved GA based approach for ELM", in **Elsevier Journal** of Computer and Electronics in Agriculture, Special Issue : Agro Big Data and Decision Support System, **Scopus Indexed**, Impact Factor: 2.201, ISSN: 0168-1699, 2018.

14. Prof. B. F. More published a research paper entitled, "Smart Home System using IoT and AI", in **UGC Approved** International Journal of Management, Technology And Engineering [**IJMTE**], Volume 8, Issue XI, 2018, pp. 2241-2246, November 2018.

15. **Prof. B. F. More** has presented a paper titled, "Smart Home System using IoT & AI" in 2nd International Conference on Emerging Trends in Science, Engineering and Management (**ICETSEM-2018**) at Maratha Chamber of Commerce Industries & Agriculture (MCCIA), Senapati Bapat Road, Pune on 25th November 2018.

Modern Education Society's
College Of Engineering , Pune

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Prof. Archana P. Kale