



Modern Education Society's College of Engineering

June 2019—Nov 2019

ISSUE 20

Reflection

A newsletter of Department of Computer Engineering

Message From The Head of Department

As I look back at a very successful first term, I cannot help but beam with pride at the hard work WE have put in to be accredited by NBA, New Delhi. In this era of cut throat competition, it is of paramount importance to be equipped with appropriate knowledge, habits, attitudes and values leading to holistic development. This newsletter reflects upon the efforts of the Department of Computer Engineering for holistic development of students. I would like to express my sincere appreciation to Dr. (Mrs.) A. P. Kale for her efforts and dedication in publishing Reflection.

Dr. (Mrs.) Nuzhat F. Shaikh

Message From the Editor

We are presenting you with the twentieth 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.

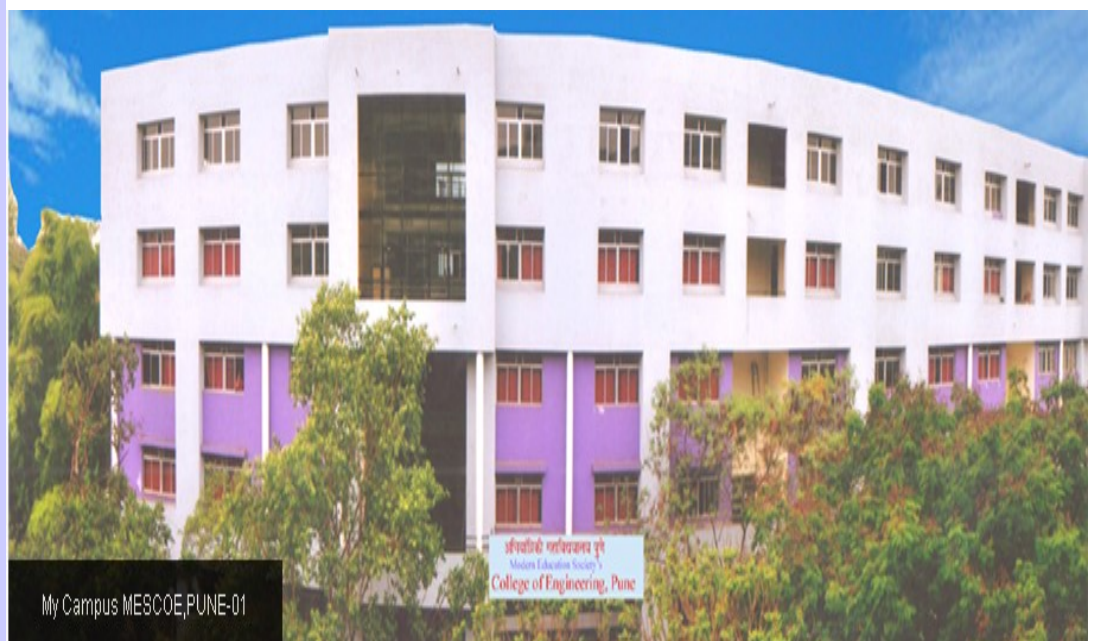
Dr. (Mrs.) Archana P. Kale

THE TRUE
PURPOSE OF
EDUCATION IS
TO MAKE
MINDS NOT
CAREERS

Picture Quotes.com

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CLASS TOPPERS**S.E.- I (SEM II)**

Gurusha Lulla
9.7



Richa Maurya
9.54



Priyanka Rathod
9.32



Prabhleen Saluja
9.12



Sudesh Pawar
8.94

S.E.- II (SEM II)

Jessica Braganza
9



Abhishek Gaurav
8.96



Akanksha Tiwari
8.94



Hitesh Chordiya
8.92



Kesharkar Damini
8.92

S.E.- Second Shift (SEM II)

Pratham Shelke
9.16



Kranti Patni
8.88



Deepak Mokashi
8.64



Kunal Bhapkar
8.44



Mayur Darshan
8.32

T.E. - I (SEM II)

Satyapriya Raut
9.57



Juhilee Nazare
8.91



Keoliya Akshit
8.87



Nitish Prajapati
8.83



Saurabh Nikalje
8.83

The BEAUTIFUL
thing about
LEARNING
is that
no one
can take it
away from you.
-BB King

CLASS TOPPERS**T.E.—II (SEM II)**

Shaikh Juveriya
9.37



Ov hale Neha
9.13



Deshmukh Rutuja
9.07



Ashwini Shinde
9.02



Patel Vaidehi
8.96



Kolhapure Aishwarya
8.96

T.E.— Second Shift (SEM II)

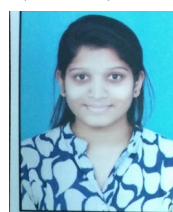
Ballal Jeevya
8.98



Gavhane Siddhi
8.61



Bhajantri Ranjana
8.59



Agarwal Karishma
8.54



Mane Pravin
8.43

B.E.— I (CGPA)

Bagwan Tanaz
9.17



Patil Prajakta
9.16



Shinde Arun
8.88



Kulkarni Sharvari
8.87



Kolhe Shweta
8.85



Gaurav Shubhda
8.85

B.E.— II (CGPA)

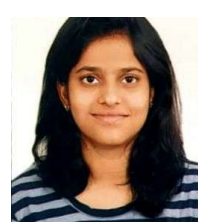
Dhanwate Yogita
9.09



Khareshiya Anitakumari
9.06



Choudhary Sushila
9.01



Kolte Gauri
8.97



Sahil Shitole
8.83

B.E. - Second Shift (CGPA)

Shaikh Uzma
8.7



Kasture Pooja
8.69



Kulkarni Omkar
8.58



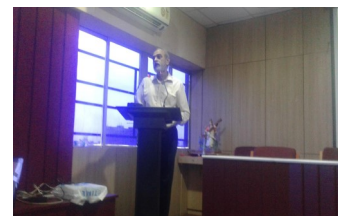
Sharma Shikha
8.47



Girniwala Mehnaaz
8.41

Departmental Events

1. A Guest Lecture was arranged for all the students of S.E. and T.E. Computer on the topic of “Ethical hacking” on 17th July 2019. The speaker for the session was Mr. Rizwan Shaikh , founder Prostine Info Solution. He explained basic concepts of Ethical hacking & Information Security. The speaker explained how to secure a system against threats and how to find vulnerabilities in network infrastructures.
2. A Guest Lecture was arranged for all the students of T.E. Computer on the topic of “Opportunities after Graduation” on 4th Sept 2019. The speaker for the session Dr. Shriram Joshi (Director, T.I. M.E pune). He enlightened students with the valuable points like to dream high, should make our goal clear, to do what you are good in, to know your strengths and weaknesses and small efforts make big difference. He also shared his experiences in life.
3. A Guest Lecture was arranged for all the students of TE Computer on the topic of “Big Data” on 1st October 2019. The speaker for the session was Mr. Khurram Turr (Founder, Cloud Age Ltd). The speaker enlightened students with Hadoop technology, its features and its scope in industry.
4. A Guest Lecture was arranged for all the students of TE Computer on the topic of “Entrepreneurship Skills” on 3rd October 2019. The speaker for the session was Mr. Saurabh Jain (Lead Engineer, Market Access Transformation). He explained in detail about the various attributes of successful entrepreneurs such as drive, communication skills and technical skills. He shared his experience with the students.
5. A Guest Lecture was arranged for all the students of TE Computer on the topic of “Advance Computer Network” on 16th October 2019. The speaker for the session was Mrs. Ashwini Jewalikar, Assistant Professor PICT, Pune. The speaker explained about the network simulation and network simulator .



Student's Workshop

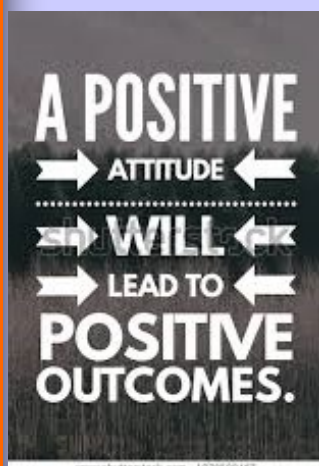
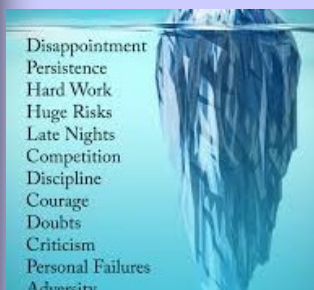
Cloud Literacy Day under ICT :

The Cloud Literacy Day was celebrated in MESCoE on 17th October 2019 in collaboration with ICT Academy and AWS Educate. BE students of Computer Engineering department participated in the celebration of the Cloud Literacy day. 170 students participated and completed the online modules of Cloud Computing. Upon completion of the 2 modules students are rewarded with digital certificates by AWS.



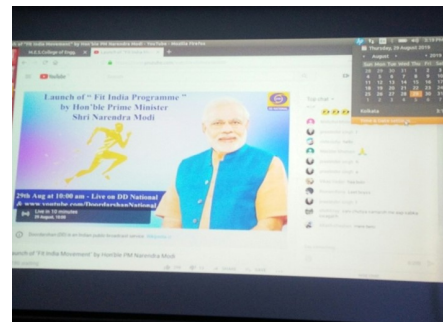
BE Student Placement

Company Name	Name of the student
L&T Infotech	Siddhi Gavhane, Deepak Kadam.
Ellicium solutions	Karan Shinde, Siddhesh Chaudhari
LTI	Prajakta Naidu, Rutuja Deshmukh, Kapil Aminbhavi, Karishma Agrawal, Jeevya Ballal, Gate Atul, Chaitrali Rairikar, Hrishikesh Mane, Faizan Akhtar, Vinay Poduval, Daniel Rebello, Darshita Bohra, Rohit Dhanorkar, Abhiruchi Shendkar
TCS	Aniket Hingane, Krishna Bhatte, Pallavi Gosavi, Sushant Vairat, Swati Patra, Tejas Kale, Prathamesh Metkar, Bhavsar Jai, Vishnuvardhan Chappidi, Ashlesha Ghute, Patil Kailas, Aniket Dere, Sushant Mahalle, Chintamani Salunkhe, Swati Kulkarni
NTT Data	Komal Kate, Pratik Shah, Vaishnavi Pradhan
Tech mahindra	Sheetal Thorat,
Harbinger	Saurabh Nikalje
Atos Syntel	Rahul Sathe, Preyash Mehta, Lakshita Patel, Supriya Chougule, Preeti Pimpale, Jayalakshmi
Coditas technologies	Swarag Gutte
Flex	Sanket Kulkarni, Vivek Tekade
Xoriant Solutions	Pravin Mane
Persistent Systems Ltd.	Reena Joseph, Juhilee Nazare, Nitish Prajapati, Rachana Gugale, Rhishikesh Sapkal, Sharvin Gujarathi, Juveriya Shaikh
VMware	Sanjana Pawar
Bitwise Solutions	Aniketh Poojary, Aditya Naiknaware, Sneha Pawar
TechVerito	Ganesh Kolase
Sigma Systems	Kanad Naleshwarkar
N.A.	Aishwarya Bhalerao
Cognizant	Shweta Pardeshi
Mindstix	Priyanka Dhamne
EXFO	Shivali Jagdale
TechMahindra	Aishwarya Mulay, Madhuri Shivade, Priyanka Ramgir
Zensar technologies	Priyanka Shinde, Omkar Patil, Akash Ajnadkar, Vaidehi Patel, Nazneen Inamdar, Parag Khankari
Osmosys	Ram Raut
Altimetrik	Apurva Shirbhate



National Service Scheme Activities

Sr. No.	Details of Activity	Date	Resources/ Guest Speaker/Location
1	International Yoga Day 2019	21/06/2019	Mrs. Shital Shinde and Mr. Kishan Khandekar
2	Shramanskar Shibir under the Swachha & Swasth Bharat Abhiyanon	09/08/2019	SPPU Pune
3	Fit India Movement	29/08/2019	Seminar Hall 514
4	Guest Lecture on Dr. Baba Amte - Timeless Inspiration	18/09/2019	Mr. Manoj Ghokhale
5	Power of Mind under Fit India Movement	29/08/2019	Ms. Spurti Shinde
6	Tree Planation at Wagholi Campus	21/09/2019	Wadia College Wagholi Campus
7	River Cleanliness Drive-Mahatma Gandhi 150 th Jayanti	02/10/2019	SPPU Pune
8	Fire Safety Training (Agni Suraksha Mitra)	11/10/2019	Safe Kid Foundation (SKF)



Astitva 2018

Annual Debate Competition, 2019 :

The Annual Debate Competition 2019 was conducted on 4th September, 2019 with the presence of Principal and all departments HODs. The Judge for the competition was Mrs. V Bajaj, a teacher at Hutchings High School and Junior College Pune. She is an alumni of the Nowrosjee Wadia College and has held numerous posts in the school the House In-charge, Senior School Coordinator, Drama Coordinator, Choir Coordinator. She has judged a number of debates and elocution competitions. The winner of the competition was Abhishek Patil from the E&TC Department and the runner-up was Shravani Kanade from Computer Department.



Faculty Development Program

Data Science :

One week FDP was organized on the topic of “Data Science” from 19th to 24th August 2019 for all MESCoE staff members. This scheme is introduced by Ministry of Human Resource Development and Shree Shivaji University, Kolhapur under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT). The speakers for this session were Mr.Proyas Bose, Mr.Yamin Hakim, Mrs.Aarti Reddy who addressed the staff members about the Machine Learning and Data Analytics using Python. FDP contains the Hands on session on Machine Learning using Python followed by Examination and Evaluation, Certificate distribution.

Cyber Security :

One week FDP was organized on the topic of “Cyber Security” from 23rd to 28th September 2019 for all MESCoE staff members. This scheme is introduced by Ministry of Human Resource Development and Shree Shivaji University, Kolhapur under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) Faculty Development Programme and is jointly organized by Department of Computer Engineering, Modern Education Society's College of Engineering, Pune. The speakers for this session were Mrs. Pradnya Pophalikar, Mr. Aniket Badami and Mrs. Seema Dixit who addressed the staff members about the Introduction to Cyber Security, Basic Networking, Basic GNU/Linux, Introduction to Kali Linux.

Day's Celebration

International Yoga Day :

International day of Yoga-common protocol training has been performed by the all participants in the presence of Dr. A. J. Hake, Dr. A. S. Chandak and Dr. N. K. Sanap Management members of Modern Education Society) and other dignitaries Dr. K. S. Venkatraghwan (Principal, Nowrosjee Wadia College), Dr. Girija Shankar (Principal, Ness Wadia College) and Dr. A. A. Keste (Principal, MESCOE) on 21st June 2019, at 07.00 am to 08.00 am at Wadia college ground. The objective of this program is to make people aware about meditation through yoga.

Independence Day :

On the occasion of Independence day, flag hosting was held on 15th August 2019 at 7:50 am. With this celebration the students was developed a sense of responsibility and accountability for their actions and performance. 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.

Constitution Day :

On the occasion of Constitution day, all teaching and non teaching staff were present in library. This day is celebrated every year on 26th November in the country. On this special day Dr. Bhimrao Ambedkar, the creator of the Constitution is remembered. These activities aim to reiterate and reorient the citizens towards the values and principles expressed in the Indian Constitution and encouraging all Indians to play their rightful role in strengthening the Indian Democracy.

Teacher's Day :

Teachers day is celebrated on 5th Sept 2019 as a tribute to the valuable contribution made by teachers to the society by imparting knowledge and enlightening and shaping the career of students.



1. Dr. R.A.Khan was awarded a Ph.D. in Computer Engineering on the topic of "Speech Synthesis for Hindi Language using Reduced Size Database and Improved Natuealness" from Shri Jagdish Prasad Jhabarmal Tibrewala University, Vidyanagari, Jhunjhunu, Rajasthan on 20th October 2019.
2. All staff members attended One week FDP on the topic of "Data Science" from 19th to 24th August 2019 organized by Ministry of Human Resource Development and Shree Shivaji University, Kolhapur under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT).
3. All staff members attended One week FDP on the topic of "Cyber Security" from 23rd to 28th September 2019 organized by Ministry of Human Resource Development and Shree Shivaji University, Kolhapur under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT).
4. Dr. N.F.Shaikh—
 - Worked as reviewer for Applied Soft Computing (ASOC - Elsevier publication), International Journal of Advanced Computer Science and Applications (IJACSA - WoS, Scopus), International Journal of Engineering Research in Computer Science and Engineering (IJERCSE).
5. Dr.S.K.Wagh worked as reviewer for 5th International Conference on Computing Communication Control and Automation (ICCUBEA-2019) Technically Co-sponsored by : IEEE Pune Section Organized By Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering , Pune, Maharashtra, India.
6. Dr. J.R.Pansare -
 - Delivered expert lecture on "Digital Signal Processing based on Fourier Transformation" at Department of Electronics and Telecommunication MESCoE Pune on 13th August 2019.
 - Conducted lectures on Core Java and Advanced Java to BE Computer and BE E&TC students under Training and Placement activity organized at MESCoE Pune.
 - Worked as a Technical Programme Committee (TPC) member for CECNET 2019 held at Japan on 18th-21st October 2019.
 - Worked as Committee Member for ICAIR 2019 held on 24th—25th August 2019 at Mumbai.
 - Worked as reviewer for Springer Nature.
7. Miss R. M. Wahul—
 - Participated in one day FDP on AWS Cloud Master conducted by ICT Academy on 31st August 2019 at MESCoE, Pune.
 - Worked as reviewer for International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAET-2019), Shegaon and international conference I7C - 2019, Bangalore.
 - Worked as a outreach committee member in the International Conference on Artificial Intelligence and Robotics (ICAIR-19).
8. Prof. B.K. Bodkhe worked as reviewer for Springer's Journal of Big Data
9. Dr. A.P. Kale -
 - Worked as reviewer for IEEE Transactions on Industrial Informatics SS on Integration of Big Data and Artificial Intelligence for Internet of Things, Elsevier Journal of Franklin Institute and Springer Journal of Technology, Knowledge and Learning.
 - Worked as a outreach committee member in the International Conference on Artificial Intelligence and Robotics (ICAIR-2019).
10. Miss S.R.Khade attended One week short term training program (STTP) on "Data Analytics using Machine Learning for High Performance Computing". organized by Marathwada Mitramandal College of Engineering—Pune during 3rd June to 7th June 2019.



Student Achievements and Publications

1. Miss Chaitrali Kardile (ME student) has presented a research paper "Fake Review Detection Using Weighting Algorithm in NetSpam Framework", at International Conference on Artificial Intelligence and Robotics (ICAIR-2019) Organized by Institute For Engineering Research and Publication [IFERP] during 23rd - 24th August 2019 at Mumbai, India.
2. Miss Chaitrali Kardile (ME student) has published a research paper "Fake Research Detection Using Weighting Algorithm in NetSpam Framework", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume -8, Issue-2S11, pp 831-835, September 2019 (SCOPUS Indexed).

Staff Publications

1. Dr. N.F. Shaikh has published a research paper titled, "An Augmented Reality application for Simplifying Engineering Concepts" published in "International Journal of Innovative Technology and Exploring Engineering", Volume-8. Issue-9, pp 3061-3065, July 2019.
2. Dr. N. F. Shaikh has published a paper titled "Iris Recognition based on Optimized Orthogonal Wavelet and Local Tetra Pattern (OOWLTrP) using Neural Network", Volume 6 Issue 1 January - March 2019, i-manager's Journal on Image Processing. Published in August 2019 for issue Jan-March 2019.
3. Dr. S.K. Wagh published research paper entitled "Anomaly Intrusion Detection System in Real Time Environment using Ensemble Learning Model" at International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878 (Online), Volume-8 Issue-4, pp. 4908-4917, November 2019.
4. Dr. J. R. Pansare filed and registered 2 patents based on PhD Research in June 2019.
5. Dr. J. R. Pansare filed and registered 7 copyrights based on PhD Research including diversified training dataset, ideas, and various algorithmic approaches in June-July 2019.
6. Miss R. M. Wahul has published a book chapter "Query Time Optimization Using Hungarian Algorithm", Lecture Notes in Electrical Engineering, Volume 570. Springer, Singapore [Scopus Indexed, 2nd August 2019].
7. Miss R. M. Wahul has presented a research paper "Fake Review Detection Using Weighting Algorithm in NetSpam Framework", at International Conference on Artificial Intelligence and Robotics (ICAIR-2019) Organized by Institute For Engineering Research and Publication [IFERP] during August 23 - 24, 2019 at Mumbai, India.
8. Miss R. M. Wahul has published a research paper "Fake Research Detection Using Weighting Algorithm in NetSpam Framework", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2S11, pp 831-835, September 2019 (SCOPUS Indexed).
9. Deore S.P. (2019) published a book chapter 4 "On-Line Devanagari Handwritten Character Recognition Using Moments Features", In: Santosh K., Hegadi R. (eds) Recent Trends in Image Processing and Pattern Recognition. RTIP2R Communications in Computer and Information Science, Volume 1037. Springer, 2018. Singapore. [Scopus Indexed, 17 Jul 2019].



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