

# Matoshri Education Society's Matoshri College of Engineering and Research Centre, Nashik

Approved by All India Council Of Technical Education (AICTE)  
Affiliated to Savitribai Phule Pune University, Pune.  
Recognition of 2(F)/12(B) from University Grant Commission (UGC).



Jan.2022-March 2022

## NEWS LETTER

Volume -8 Issue-1

### Vision

To Establish Omnipotent Learning Centre Meeting the Standards to Evolve as a Lighthouse for the Society.

### Mission

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

### Editorial

- Dr.G.K.Kharate-Principal
- Dr.Varsha Patil-Vice Principal
- Ghuge Nilesh C.-Editor
- Mr.Pratik Sonawane
- Mr.Vishwas Wadekar
- Mr.Shilpa Adke
- Mrs.Poonam Dholi
- Mr.Hiralal Pawar
- Mr.Somant Hadpe



### Expert Lectures/Seminar

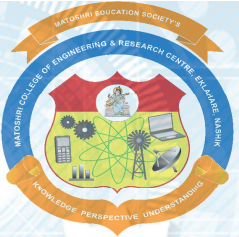
- Conducted an expert lecture on “Future of Construction with Olous App” by olus App Mumbai on 31<sup>st</sup>Jan. 2022 for all Civil Engineering Students.
- Conducted Expert lecture on ‘Entrepreneurship and Skill development for All ST-TE-BE Students by Dr. Yashwant Shitole, MITSC on 22<sup>nd</sup> Feb. 2022.
- Career guidance lecture on “Civil Engineering Software’s for enhancement of employment, Industry expouser and Internship by CESA Pune on 28<sup>th</sup> Feb. 2022.
- Expert talk How to Prepare for Infosys NQT drive at MCOERC, Nashik,21/01/22 for BE Computer students.
- Zensar ESD training on Python at MCOERC, Nashik, 17/3/2022 to26/3/2022(10 days) for TE Computer students.
- Seminar on "Job opportunities in Germany and how to go ahead" at MCOERC, Nashik, 11/3/2022 for TE Computer and BE Computer students.
- Rubicon Training on “Soft Skill” at MCOERC, Nashik,28/3/2022 to 2/4/2022 for TE Computer students.
- Mr. Shrikant Korade conducted online webinar on Soft skill for employability on 11/02/2022
- An Expert talk on “IT Project management” was conducted for T.E.IT 2021-22 students by Departments ACCUMEN CLUB on 12<sup>th</sup> March 2022.
- The Training and placement Cell conducted Career guidance and placement Preparation webinar on preparation of Exams CAT/GATE/Bank PO/Aptitude for the students of BE IT 2021-22 on 18<sup>th</sup> January 2022.

### Departmental Activities (Club Activities)

- The Training and placement Cell conducted Dhoot transmissions drive for B.E. IT 2021-22 from 24<sup>th</sup> January to 25<sup>th</sup> February 2022.
- The Training and placement Cell conducted on Data Grid solutions PVT LTD Drive for B.E. IT 2021-22 students on 18<sup>th</sup> February 2022.
- The training and placement Cell conducted on Webinar-Education opportunities in abroad for BE IT 2021-22 students on 10<sup>th</sup> March 2022.
- The Training and Placement Cell conducted a Webinar on " Job opportunities in Germany and how to go ahead" by Dr. Aboli H. Patil on 11<sup>th</sup> March 2022.
- The Training and Placement Cell conducted Rubicon Soft Skill training for T.E. IT 2021-22 students 28<sup>th</sup> March 2022.
- The Training and Placement Cell conducted Neeyamo Enterprise solution drive for B.E.IT 2021-22 students in college on 30<sup>th</sup> March 2022.
- The Training and Placement Cell conducted on Personality and career development session for SE, TE and BE boys in college on 31<sup>st</sup> March 2022.

### Staff/Students Participation/publication

- Rahul R. Kshatriya, Pramod S. Sathe, Pooja S. Kankarej has published their paper on Analysis and Behavior of Retaining Wall on Black Cotton Soil by Using Software ‘PLAXIS 2D’ in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.



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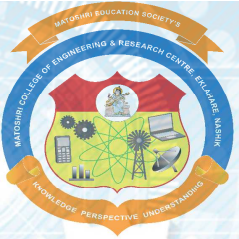


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- Sangita V. Pawar, Nikita P. Kushare, Vishal K. Paithankar, Pravin B. Shinde, has published their paper Paper on Torsional Behavior of Beams Considering Different Cross Section in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.
- Pooja G. Baviskar, Seema T. Borole, Rakesh S. Mawal has published their Paper on NUMERICAL ANALYSIS OF STONE COLUMN
- FOUNDATION FOR CIRCULAR STORAGE TANK in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.
- Rohit S. Gajeli, Hiralal M. Pawar has published their paper on Geotechnical Investigation of Proposed Minor Bridge Site across NH-965 Mauli Palkhi Mahamarg in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.
- Ashwini Khairnar, Shraddha R. Tadge, Rahul M. Wakchoure published their paper on Defluoridation by Activated Carbon form of Used Tea Powder in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.
- Adarsh S. Bhise, Satyam S. Dusane, Hiralal M. Pawar has published their paper on Effect of Compressive Strength on Various Combinations of Concrete Mix in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.
- Aarti. B. Gaikwad, Bhagyashri. G. Satbhai, Swapnil. R. Joshi, Rashmi. S. Kulkarni has published their paper on Comparative Study Of Shredded TYRE FIBRE TO REINFORCED SUBGRADE SOIL in ICCCC which was held in 26<sup>th</sup> and 27<sup>th</sup> Feb. 2022 in MCOERC, Nashik.
- Dr. S. A. Bhavsar participated in One-Day Faculty Development Program on "Data Science & Big Data Analytics" held on 08th February 2022 organized by the Department of the Computer Engineering, P<sup>2</sup>IT in Association with BoS Computer Engineering, SPPU, Pune.
- Ms. P. R. Dholi participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Gamification" from 2021-1-18 to 2021-1-22 at Vishwakarma Institute of Technology.
- Ms. P. R. Dholi attended One Day Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing" held on 11th FEB 2022.
- Ms. A. A. Borse has completed Internship on "Data Analytics" on date 7/03/2022
- Ms. S. S. Wagh attended One Day Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing" held on 11th FEB 2022.
- Ms. H. K. Antapurkar attended FDP on Data Science & Big Data Analytics Duration: 1 day Date: 08/02/2022.
- Ms. H. K. Antapurkar attended One Day Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing" held on 11th FEB 2022.
- Ms. H. K. Antapurkar attended FDP on "Biomedical Image Processing using AI" Duration: 1 week Date: 25th October to 30th October 2022.
- Ms. S.H. Adke attended 1 day workshop on "Management Information System" held on 18th feb 2022.
- Ms. S.H. Adke attended 1 day Faculty development program on "Cloud Computing" held on 11th feb 2022.
- Ms. S.H. Adke attended 1 day Faculty development program on "Software Modelling and Design" held on 3rd feb 2022.
- Ms. S.H. Adke attended 1 day Faculty development program on "Artificial Intelligence" held on 24th Jan 2022"
- Dr. Swati A. Bhavar, Dr. Varsha H. Patil, Dr. Aboli H. Patil, "Novel Method for Analysis of Student feedback in Higher Education", International Conference on Contents, Computing & Communication (ICCC-2022), 26th and 27th february 2022., ISSN: 156-5068.
- Ms. Poonam R. Dholi, Dr. V. H. Patil published paper "Prognosis and Prediction of Breast Cancer using Machine Learning Techniques" International Conference on Contents, Computing & Communication (ICCC-2022), 26th and 27th february 2022., ISSN: 156-5068.
- Ms. Alpana A. Borse Published paper "Fake news prediction using Hierarchical Attention network and Hyper graph", International Conference on Contents, Computing & Communication (ICCC-2022), 26th and 27th february 2022.
- Ms. Shital S. Wagh published paper "I-Health-Care: Technologies towards 5G Network for Intelligent Health-Care using IoT notification with machine learning", International Conference on Contents, Computing & Communication (ICCC-2022), 26th and 27th february 2022.



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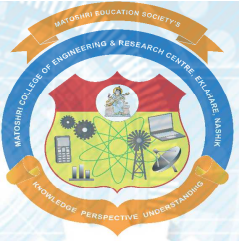
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- Ms. Shital S. Wagh published paper "A Survey on Attentive Trait-Aware Clothing Knowledge Graph for Costume Prediction", International Conference on Contents, Computing & Communication (ICCCC-2022), 26th and 27th february 2022.
- Dr.J.H.Bhangale, Chirag Kolambe, Pradnya Shinde, Rohan Gavargur, Krushna Bagul published a paper "WEDM Machine Variable Optimization and Investigation Validation." in ICCCC-2022 indexed by Elsevier in February 2022
- Mr.P.R.Sonawane, Mayuresh Misal, Jagdish Thakare, Pratik Nagare, Akash Borade published a paper "Design and development of material handling system with an shop articles" in ICCCC-2022 conference indexed by Elsevier in February 2022
- Mr.P.K.Sonawane, Mr.Yuvraj Khadke published a paper "Experimental Analysis of Fatigue Failure in Cruciform Welded Joint" in ICCCC-2022 conference indexed by Elsevier in February 2022
- Mr. Hadpe S. S. and Pradhan, Jaymala published a paper on title "Fully Independent DC Transmission Line Flow Regulatory Oversight in an HVDC Grid Using Adaptive Control Scheme" in ICCCC 2022: Electrical Engineering, 26 February 2022.
- Dr. R. G. Shriwastava, Mr. D. R. Bhise, Mrs. Ashwini Tidake, Mr. Amol Nirgude published a paper on title "Simulation and Hardware Analysis of VSI-Fed PMSM Drive" in ICCCC 2022: Electrical Engineering, 26 February 2022.
- Mr. R. C. Pawaskar, Mr. C. R. Shinde, Mrs. Jane K. C., Mrs. S. B. Kokane published a paper on title "Improvement in LVRT Capability of Wind Energy System Using STATCOM" in ICCCC 2022: Electrical Engineering, 26 February 2022.
- Mrs. Swati Dhikale, Dr. R. G. Shriwastava, published a paper on title "Comprehensive Review on Photovoltaic- Battery and Diesel Generator Based Electric Vehicle Charging Station" in ICCCC 2022: Electrical Engineering, 26 February 2022.
- Dr. Khule S. S. Mr. S. S. Hadpe, Mrs Pooja Kandekar published a paper on title "An overview of advanced technologies implemented for overhead transmission line fault detection" in ICCCC 2022: Electrical Engineering, 26 February 2022.
- Prof. H.R. Agashe participated in Three Days National Level Online Faculty Development Program "RESEARCH TOOLS FOR DATA SCIENCE" from 29<sup>th</sup> to 31<sup>st</sup> March, 2022 which was organized by Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune
- Prof. H.R. Agashe participated in Two days state level online FDP on "Teaching learning pedagogy" from 25th to 26th April, 2022 which was commenced at Matoshri college of engineering and research center Nashik.
- Dr. R.S. Khule published a paper on "Performance Comparison of CNFET, CMOS and Hybrid CMOS CNFET Oscillator Circuits" <http://dx.doi.org/10.2139/ssrn.4043582> , SSRN, Elsevier in February 2022.
- Ms. M.S. Deshmukh and Ms. H.R. Agashe published a paper on "Study on Interpretable Convolutional Filters in a Deep Convolutional Neural Network For Object Classification" SSRN ICCCC in March 2022.
- Mr. D.S. Shingate published a paper on "Improving Performance Using Adaboost technique of Random Forest Algorithm for COVID Patient Health Analysis", SSRN ICCCC in March 2022.

### Staff/Students Achievements-Awards

- Student Jaydeep Chaudhari from B.E. Civil has won weekly rank in Indian Plumbing Premier League (IPPL) which is organized by IPA Nashik Chapter.
- There are 5 students placed in various constructions firms like B.P.Sangle construction, Mahajan Construction, nashik. Out of that 1 Students name Harshita Patil Selectd in TCS, Pune. Bhushan Gordhe Selected in Water Commision department, Bhusawal.
- Mr.Y.K.Mogal attended STTP Programme through ICT Mode on NBA Accreditation for Polytechnics and Engineering Colleges from 7<sup>th</sup> March to 11<sup>th</sup> March 2022
- Mr.P.K.Sonawane attended FDP on Zero Based Costing In Mechanical Engineering from 18th to 24th January 2022
- Mr.R.S.Patil completed coursera certification The 3D Printing Revolution on 1st March 2022
- Mr Y K Mogal completed coursera certification English for Science, Technology, Engineering, and Mathematics on 22nd January 2022
- Mr.V.S.Daund completed coursera certification Renewable Energy Technology Fundamentals on 08th January 2022



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- Mrs. Shaila Shirke, Dr. Khule S. S. Mr. S. S. Hadpe, Dr. R. G. Shriwastava published a paper on title “Novel Control Methodology for a Dynamic Voltage Restoration based on Repetitive Controller Technique” in ICCCC 2022: Electrical Engineering, 26 February 2022.
- Female Volleyball team of IT Department won inter-department volleyball matches held at Matoshri college of engineering and research center.

