



**Pimpri Chinchwad Education Trust's  
Pimpri Chinchwad College of Engineering & Research Ravet,  
Pune**



**Academic Year:** 2021 - 22

**Faculty Profile**



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|------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------|
| <b>Name of Faculty:</b>                        | Mrs. Mayura Milind Yeole                                                                                         |                               |                          |
| <b>Qualification :</b>                         | BE Civil, ME Construction & Management, PhD Pursuing                                                             |                               |                          |
| <b>Designation :</b>                           | Assistant Prof.                                                                                                  |                               |                          |
| <b>Department :</b>                            | Civil Engineering                                                                                                |                               |                          |
| <b>Date of Joining :</b>                       | 01/08/2014                                                                                                       |                               |                          |
| <b>Experience :</b>                            | Teaching :17.5 yrs<br>Industry: NA<br>Research:NA                                                                |                               |                          |
| <b>Research Areas / Area of Specialization</b> | Traffic engineering, Artificial neural network, Applications of Geotextile, Construction Management, Road safety |                               |                          |
| <b>Courses / Subjects Taken:</b>               | EEFM, BTAP, APDB, BTM, PMEE, IE,CM, SACM, EM, BCEE.                                                              |                               |                          |
| <b>IPR :</b>                                   | <b>Title</b>                                                                                                     | <b>Docker No./ Diary No.</b>  | <b>Registered /Filed</b> |
|                                                | Road Traffic Accident Prediction For Mixed Traffic Flow- A Case Study                                            | 11789/2021-CO/L               | Registered               |
|                                                | Traffic Simulation Using VISSIM Software- A Case Study                                                           | 11226/2021-CO/L               | Registered               |
|                                                | Multi-Scale Model Development using Characteristics of Road and Mixed Traffic Flow for Accident Prediction       | 8828/2018-CO/L                | Registered               |
|                                                | Shikshaka                                                                                                        | 810/2018-CO/L                 | Registered               |
|                                                | “Permanent solution on the leakage of water from plant pots                                                      | 201721041379                  | Filed                    |
|                                                | Innovative Pipette For Suction of Large Volume of Liquid Without Formation of Bubbles                            | 201921052221                  | Filed                    |
| <b>Research Publications :</b>                 |                                                                                                                  |                               |                          |
| <b>Journal Publications:</b>                   | <b>Year</b>                                                                                                      | <b>Title of Paper</b>         | <b>Published in</b>      |
|                                                | 2013                                                                                                             | Geotextile can be worth their | IOSR Journal of          |

|                                 |                                                                                                                                                                                               |                                                                                                          |                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                 |                                                                                                                                                                                               | cost in Pavement                                                                                         | Engineering                                                                       |
|                                 | 2014                                                                                                                                                                                          | Eco-friendly binder in flexible pavement                                                                 | Impact: International Journal of Research in Engineering & Technology             |
|                                 | 2014                                                                                                                                                                                          | Rapid Wall Technology                                                                                    | International Journal of Advanced and Innovative Research                         |
|                                 | 2018                                                                                                                                                                                          | Plastic Embedded Concrete                                                                                | International Journal of Innovative Research In Technology                        |
|                                 | 2018                                                                                                                                                                                          | Behaviour of Geotextile in Flexible Pavement                                                             | International Journal of Innovative Research In Technology                        |
|                                 | 2018                                                                                                                                                                                          | Analysis of Compressive Strength of Hardened Concrete: Replacing Natural Sand by Steel Slag              | International Journal of Engineering Trends and Applications                      |
|                                 | 2019                                                                                                                                                                                          | Accident Cause Model for Talawade, Pune, Maharashtra.                                                    | IOSR Journal of Mechanical and Civil Engineering                                  |
|                                 | 2020                                                                                                                                                                                          | Experimental Study Comparison of Performance of Concrete with Waste Paper, Steel Fiber and Carbon Fibers | International Journal of Engineering Research in Mechanical and Civil Engineering |
|                                 | 2020                                                                                                                                                                                          | Application of Artificial Neural Networks in Predicting Sub-Base CBR Values                              | AEGAEUM JOURNAL                                                                   |
|                                 | 2021                                                                                                                                                                                          | Traffic Simulation using VISSIMs Software: A Case Study                                                  | International Journal of All Research Education and Scientific Methods (IJARESM)  |
|                                 | 2021                                                                                                                                                                                          | Impact of Road Accidents on Economy                                                                      | International Journal of All Research Education and Scientific Methods (IJARESM)  |
| <b>Conference Publications:</b> | <b>Year</b>                                                                                                                                                                                   | <b>Title of Paper</b>                                                                                    | <b>Published in</b>                                                               |
|                                 | 2013                                                                                                                                                                                          | Co-Relation of Geotextile & CBR Value of Pavements                                                       | ISBN-978-81-920427-2-5                                                            |
|                                 | 2013                                                                                                                                                                                          | Structural Auditing                                                                                      | ISBN-978-81-920427-2-5.                                                           |
|                                 | 2013                                                                                                                                                                                          | Estimation of Water Level by using Soft Computing Technique for Dam Break                                | ISBN-978-81-920427-2-5.                                                           |
|                                 | 2013                                                                                                                                                                                          | Study of Bamboo as Reinforcing Material in Concrete                                                      | ISBN-978-81-920427-2-5.                                                           |
| <b>Book Publication:</b>        | ☛ <b>Title:-</b> Building Technology & Materials (SPPU-2019)                                                                                                                                  |                                                                                                          |                                                                                   |
|                                 | <b>Publisher:-</b> Gigatech Publishing house                                                                                                                                                  |                                                                                                          |                                                                                   |
|                                 | ☛ <b>Title:-</b> Building Technology & Architectural Planning ( MU-2020)                                                                                                                      |                                                                                                          |                                                                                   |
|                                 | <b>Publisher:-</b> Tech knowledge Publishing house                                                                                                                                            |                                                                                                          |                                                                                   |
| <b>Profile Link :</b>           | Scopus Profile:<br>Google Scholar Profile:<br><a href="https://scholar.google.com/citations?user=G8jrg9kAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=G8jrg9kAAAAJ&amp;hl=en</a> |                                                                                                          |                                                                                   |

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|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                       | Orchid Profile: <a href="https://orcid.org/0000-0002-2523-8678">https://orcid.org/0000-0002-2523-8678</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>H –Index:</b>                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Developed:</b>                                                                                             | Plastic Embedded concrete block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Certifications :</b>                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Awards/Appreciation/Achievements:</b>                                                                              | NIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Membership:</b>                                                                                                    | Indian Road Congress                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Industrial Training :</b>                                                                                          | 01(ANN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Resource Person /Expert Session/Jury Invited:</b>                                                                  | Invited for a expert session at ICEM.<br>Invited as a Guest & Jury for science competition at Mate School.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Workshop/FDP/STTP attended(more than a Week):</b>                                                                  | <ul style="list-style-type: none"> <li>☛ one week workshop on “Basic Human Rights and Introduction to Constitution of India” organized by, Dept. of Civil Engineering, Karmaveer Bhaurao Patil College of Engineering, Satara. 15/05/2021 to 19/05/2021</li> <li>☛ one week online Faculty Development Program on “Entrepreneurship in Material Testing and consultancy Services in Civil Engineering (NABL Accreditation)” Organized by, Dept.of Civil Engineering, Dr. D. Y. Patil School of Engineering Charholi, Lohgaon.21/12/2020 to 25/12/2020</li> <li>☛ “Advances In Water Resources Management And Sustainable Environment” organized by, Dept. of Civil Engineering, Ramaiah Institute of Technology, Bengaluru.17/08/2020 to 21/12/2020</li> <li>☛ One Week National STP on “A Smart and Sustainable World in Concrete and Structures” organized by Department of Civil Engineering, AISSMS College of Engineering, Pune.04/06/2020 to 08/06/2021</li> <li>☛ Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.) organized by Department of Civil Engineering at Sinhgad Collage of Engg. Pune. 22/06/2020 to 26/06/2021</li> <li>☛ One Week Online Faculty Development Program on “Recent Trends in Concrete Technology” organized by ADCET, Ashta from 05th July to 09th July 2021.</li> </ul> |
| <b>Event Organized Inter department/Inter college/ Other recognized Industry/IIT’s/NPTEL/SPOKE N TUTORIAL/ etc. :</b> | <ul style="list-style-type: none"> <li>☛ Organized two day state level workshop on "Research Proposal, Paper, IPR &amp; patent drafting" at PCCOER, Ravet, Pune on 8<sup>th</sup> &amp; 9<sup>th</sup> December 2017.</li> <li>☛ Organized one day workshop on "Geotechnical Practical Practice" at PCCOER, Ravet, Pune on 9<sup>th</sup> June 2017.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Event Organized in Department:</b>                                                                                 | Model Making Competition.<br>Guest Lectures<br>Site Visits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>University level appointments:</b>                                                                                 | Paper setter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Administrative Duties:</b>                                                                                         | Internal Complaint Committee,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Academics Duties:</b>                                                                                              | Department ISO coordinator, Mentor coordinator, Class teacher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Any Other</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |