



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University  
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra  
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



## DEPARTMENT OF CIVIL ENGINEERING

### Faculty Profile

**Mr. Yeole Chetan Rajendra**

**BE (Civil), ME (Construction Management), PhD (pursuing)**

✉ [cryeole@aissmscoe.com](mailto:cryeole@aissmscoe.com)

☎ (020) 26058587; Extension: 1308

📺 YouTube Channel: <http://www.youtube.com/@ChetanYeole-civiltechnobricks>

🔗 <https://scholar.google.com/citations?user=KXGrNEAAAAAJ&hl=en&authuser=1>

🔗 <https://chetanyeole16.blogspot.com/>



### Research Areas / Areas of Interest

Resource Optimization, Traffic Management, Transportation Engineering

### Personal Details

**Domicile** : Maharashtra

**Blood Group** : A<sup>+</sup>

**Gender** : Male

**Blood Donated Count** : 13\*

### Academic Background

| Sr. No. | Qualification  | Specialization                  | University                       | Class/Grade | Year of Passing |
|---------|----------------|---------------------------------|----------------------------------|-------------|-----------------|
| 01      | PhD (pursuing) | Traffic Prediction & Management | MGU Bhopal                       | awaited     | awaited         |
| 02      | M.E. (C&M)     | Construction & Management       | Savitribai Phule Pune University | Distinction | 2017            |
| 03      | B.E. (Civil)   | Civil Engineering               | Savitribai Phule Pune University | Distinction | 2015            |

### Work Experience

| Sr. No. | Type of Experience | Years | Months |
|---------|--------------------|-------|--------|
| 01      | Teaching           | 09    | 00     |
| Total   |                    | 09    | 00     |

## Subjects / Courses Taught

| Sr. No. | Subject                                        | UG/ PG | Class (FE/SE/TE/BE/ME) | No of times Subject Taught |
|---------|------------------------------------------------|--------|------------------------|----------------------------|
| 01      | Optimization Techniques                        | PG     | ME                     | 01                         |
| 02      | Research Methodology                           | PG     | ME                     | 01                         |
| 03      | Total Quality Management                       | PG     | M Tech                 | 01                         |
| 04      | Financial Management                           | PG     | M Tech                 | 01                         |
| 05      | Transportation Engineering                     | UG     | BE                     | 04                         |
| 06      | Geoinformatics I                               | UG     | TE                     | 01                         |
| 07      | Remote Sensing & Geographic Information System | UG     | TE                     | 02                         |
| 08      | Hydrology & Water Resource Engineering         | UG     | TE                     | 07                         |
| 09      | Construction Management                        | UG     | TE                     | 04                         |
| 10      | Project Management                             | UG     | TE                     | 04                         |
| 11      | Engineering Geology                            | UG     | SE                     | 04                         |
| 12      | Project Management & Engineering Economics     | UG     | TE                     | 01                         |
| 13      | Quantity Surveying Contracts & Tenders         | UG     | BE                     | 02                         |
| 14      | Concrete Technology                            | UG     | SE                     | 01                         |
| 15      | Air Pollution Engineering                      | UG     | BE                     | 02                         |
| 16      | Surveying                                      | UG     | SE                     | 02                         |

## Research Publications

|             | National | International | State | SCI / Scopus Indexed | UGC Approved |
|-------------|----------|---------------|-------|----------------------|--------------|
| Journals    | -        | 05            | -     | -                    | 05           |
| Conferences | 01       | 01            | -     | 01                   | --           |

## Publication Details (Journals)

| Sr. No. | Document Details                                                              | Authors         | Year | Source Details                                                  | ISBN/ISSN       | Publisher |
|---------|-------------------------------------------------------------------------------|-----------------|------|-----------------------------------------------------------------|-----------------|-----------|
| 01      | An Assessment of Cross Intersection: A Case Study of Kamshet - Pawanagar Road | Mr. C. R. Yeole | 2022 | <i>Journal Of Emerging Technologies and Innovative Research</i> | ISSN: 2349-5162 | JETIR     |

|    |                                                                                            |                 |      |                                                                                                    |                 |                |
|----|--------------------------------------------------------------------------------------------|-----------------|------|----------------------------------------------------------------------------------------------------|-----------------|----------------|
| 02 | Bamboo As a Reinforcement in Structural Concrete Element                                   | Mr. C. R. Yeole | 2022 | <i>International Research Journal of Modernization In Engineering Technology and Science</i>       | ISSN: 2582-5208 | <i>IRTMETS</i> |
| 03 | Utilization Of Cow DungAsh as Construction Material                                        | Mr. C. R. Yeole | 2021 | <i>International Journal of New Innovations in Engineering and Technology</i>                      | ISSN: 2319-6319 | <i>IJNIET</i>  |
| 04 | Industrial Polypropylene Waste Used as Modifier in Asphalt Binder for Flexible Pavements   | Mr. C. R. Yeole | 2017 | <i>International Journal of Engineering Research &amp; Technology Vol. 6 Issue 06, June - 2017</i> | ISSN: 2278-0181 | <i>IJERT</i>   |
| 05 | Utilization Of Industrial Polypropylene (Pp) Wastein Asphalt Binder for Flexible Pavements | Mr. C. R. Yeole | 2017 | <i>International Research Journal of Engineering and Technology</i>                                | ISSN: 2395-0056 | <i>IRJET</i>   |
| 06 | Life Cycle Cost Analysis of Road Pavement by Present Worth Method                          | Mr. C. R. Yeole | 2026 | Indian Society for Technical Education (ISTE), New Delhi – Submitted for Publications in Process   | ISSN: 0971-3034 | ISTE           |
| 07 | Comparative Life Cycle Cost Analysis of Alternative Urban                                  | Mr. C. R. Yeole | 2026 | Indian Society for Technical Education (ISTE), New Delhi – Submitted for Publications in Process   | ISSN: 0971-3034 | ISTE           |

### Publication Details (Conferences)

| Sr. No. | Document Details                                                                       | Authors         | Year | Conference Details                     | ISBN | Organized by                  |
|---------|----------------------------------------------------------------------------------------|-----------------|------|----------------------------------------|------|-------------------------------|
| 01      | “Utilization of Industrial Polypropylene Waste in Asphalt Binder for Flexible Pavement | Mr. C. R. Yeole | 2017 | Savitribai Phule Pune University PGCON | -    | Flora Institute of Technology |

### Professional Memberships

| Sr. No. | Professional Body | Level (National / International) | Type (Fellow/Life/ Annual) | Membership No. |
|---------|-------------------|----------------------------------|----------------------------|----------------|
| 01      | ISTE              | National                         | Life Membership            | LM 121837      |
| 02      | IFERP             | International                    | Life Membership            | PM05397682     |

**Ph.D / ME / BE Student Guided**

| Level                 | Ph.D. | M.E. (PG) | B.E. (UG) |
|-----------------------|-------|-----------|-----------|
| No. of Student guided | -     | -         | 34        |

**NITTTR Module**

| Module No | Name of Module                                               | Enrollment | Duration | Status    |
|-----------|--------------------------------------------------------------|------------|----------|-----------|
| 01        | Orientation towards Technical Education & Curriculum Aspects | January 23 | 08 weeks | Completed |
| 02        | Professional Ethics & Sustainability                         | July 24    | 08 weeks | Completed |
| 03        | Communication Skills, Modes & Knowledge Dissemination        | July 25    | 08 weeks | Completed |
| 04        | Instructional Planning & Delivery                            | July 25    | 08 weeks | Completed |
| 05        | Technology Enabled Learning & Life-Long Self-Learning        | January 26 | 08 weeks | On going  |
| 06        | Student Assessment and Evaluation                            | January 26 | 08 weeks | On going  |

**Knowledge Enrichment Courses**

| Sr. No. | Name of Course                                               | Title of course                 | Duration         | Organizing authority |
|---------|--------------------------------------------------------------|---------------------------------|------------------|----------------------|
| 01      | Preparing to Manage Human Resources                          | University of Minnesota         | Feb – March 2020 | COURSERA             |
| 02      | Sustainable Business: BigIssues, Big Changes                 | University of Colorado          | Feb – March 2020 | COURSERA             |
| 03      | Supply Chain Principles                                      | Georgia institute of Technology | Feb – March 2020 | COURSERA             |
| 04      | Supply Chain Management: A Learning Perspective              | KAIST Universit                 | Apr – June 2020  | COURSERA             |
| 05      | Renewable Energy and Green Building Entrepreneurship         | Duke University                 | Apr – June 2020  | COURSERA             |
| 06      | Mastering bitumen for better roads & innovative applications | Ecole Des Ponts Paris Tech      | Apr – June 2020  | COURSERA             |
| 07      | Fundamentals of ProjectPlanning & Management                 | University of Virginia          | July – Nov 2020  | COURSERA             |
| 08      | Fundamentals of Management                                   | UCI division of Continuing Edu. | Jan – March 2021 | COURSERA             |
| 09      | Engineering Project Management: Initiating & Planning        | Rice University                 | Jan – March 2021 | COURSERA             |

|    |                                                      |                                 |                            |                          |
|----|------------------------------------------------------|---------------------------------|----------------------------|--------------------------|
| 10 | Communication Skills                                 | Tata Communication System       | 17th March, 2020           | TCSiON                   |
| 11 | Carrier Skills                                       | Tata Communication System       | 21st Jan. – 18th Feb. 2020 | TCSiON                   |
| 12 | Introduction to Soft Skills                          | Tata Communication System       | 19th April, 2020           | TCSiON                   |
| 13 | Basics of Inventory Management                       | Tata Communication System       | 07th May, 2021             | TCSiON                   |
| 14 | Supply Chain Planning & Scheduling                   | Tata Communication System       | 08th May, 2021             | TCSiON                   |
| 15 | Electronic Waste Management – Issues and Challenges  | SWAYAM NPTEL                    | Jan. – May 2020            | NPTEL                    |
| 16 | GPS Surveying                                        | SWAYAM NPTEL                    | Jul. – Nov. 2019           | NPTEL                    |
| 17 | Energy Swaraj Foundation                             | Energy Literacy Training        | 18 Feb 2023                | Energy Swaraj Foundation |
| 18 | Basic Construction Materials                         | SWAYAM NPTEL                    | Jan. – April 2023          | NPTEL                    |
| 19 | Excels Basics for Data Analysis                      | IBM                             | 20 Dec 2022                | COURSERA                 |
| 20 | Understanding Research Methods                       | University of London            | 12 Jan 2023                | COURSERA                 |
| 21 | Introduction to Engineering Mechanics                | Georgia Institute of Technology | 04 weeks<br>14/08/24       | COURSERA                 |
| 22 | Availability and Management of Groundwater Resources | SWAYAM NPTEL                    | 12 Week<br>Jul-Oct 24      | NPTEL                    |
| 23 | Digital Land Surveying & Mapping (DLS&M)             | SWAYAM NPTEL                    | 08 weeks<br>Jan-Mar 2025   | NPTEL                    |
| 24 | Drone Surveying                                      | SWAYAM NPTEL                    | 04 weeks<br>Feb-Mar 2026   | NPTEL                    |
| 25 | Water, Society & Sustainability                      | SWAYAM NPTEL                    | 04 weeks<br>Jul-Aug 2025   | NPTEL                    |

### Details of Workshop / STTP / FDP / Seminar / Conferences Attended

| Sr. No. | Title                                                                         | Type     | Duration | Level (State / National / International) | Sponsoring Agency                                                            |
|---------|-------------------------------------------------------------------------------|----------|----------|------------------------------------------|------------------------------------------------------------------------------|
| 01      | Outcome based education                                                       | Workshop | 1 Day    | National                                 | Siddhartha Institute of Engineering & Technology on 28 <sup>th</sup> May, 21 |
| 02      | Effective Teaching Methodology of Audit Course – I (Environmental Studies –I) | Workshop | 1 Day    | ISTE                                     | Pimpri Chinchwad College of Engineering, Pune on 24th August, 2019.          |

|    |                                                                                      |          |                                        |               |                                                                                                  |
|----|--------------------------------------------------------------------------------------|----------|----------------------------------------|---------------|--------------------------------------------------------------------------------------------------|
| 03 | Artificial Neural Networks and its applications in Civil Engineering                 | Workshop | 1 Day                                  | National      | ICEM, Pune on 20th September, 2019                                                               |
| 04 | Non-Destructive Testing                                                              | Workshop | 1 Day                                  | ISTE          | SRTTC-FOE, Pune                                                                                  |
| 05 | Sustainable Practices in Civil Engineering                                           | FDP      | 14th – 18th June, 2021                 | ATAL FDP      | Visvesvaraya College of Engineering, Bengaluru                                                   |
| 06 | Green Technology & Sustainability Engineering                                        | FDP      | 26th – 30th October, 2020              | ATAL FDP      | SVNIT, Surat                                                                                     |
| 07 | Waste Technology                                                                     | FDP      | 21st – 25 <sup>th</sup> Dec, 2020      | ATAL FDP      | C V Raman Global University                                                                      |
| 08 | “Environment, Energy, Health and Safety: Trends and Industrial Aspects”              | FDP      | 17th – 21 <sup>st</sup> May, 2021      | ATAL FDP      | K K Wagh Polytechnic, Nasik                                                                      |
| 09 | Amplifying Proficiency in Advanced Civil Engineering                                 | FDP      | 27th – 31st July, 2020                 | ATAL FDP      | AISSMS-IOIT, Pune                                                                                |
| 10 | Recent Trends in Civil Engineering                                                   | FDP      | 07th – 09th Jan. 2021                  | FDP           | AISSMSCOE, Pune                                                                                  |
| 11 | Road Safety Advocacy Program                                                         | FDP      | 05th & 06th Feb, 2021                  | FDP           | MIT-WPU, Pune & RTO Pune                                                                         |
| 12 | Green Technology for Enhancing Livelihoods                                           | FDP      | 31st May – 04 <sup>th</sup> June, 2021 | FDP           | Center for renewable Energy & Environment (CREE)                                                 |
| 13 | Sustainable Materials and Pavement Performance: Design, Construction and Maintenance | FDP      | 26th April to 01st May, 2021           | FDP           | SREYAS Institute of Engineering and Technology, Hyderabad                                        |
| 14 | Virtual Tour of India's Largest Cement Manufacturing Plant Malkhed, Gulbarga         | FDP      | 26th May, 2021                         | FDP           | Ultratech Cement Ltd. & AISSMSCOE, Pune                                                          |
| 15 | Energy and Environment in the Circularity Aspect                                     | Workshop | 31st January 2023                      | International | International Relations Cell, PCCOE, Pune, India in association with ALMINICA AB, Ulrika, Sweden |
| 16 | Drugs Free India to upload Human Values                                              | Seminar  | 04 Feb 2023                            | International | EduYouth Meet addressed by Gurudev Sri Sri Ravi Shankar                                          |
| 17 | Cloud Infrastructure (AWS)                                                           | FDP      | 21 – 25 Aug. 2023                      | National      | AICTE association with Brainvision Solutions Ind. Pvt. Ltd.                                      |
| 18 | Application of Q-GIS in Civil Engineering                                            | FDP      | 18 – 22 July 2023                      | National      | Albedo Foundation Nashik                                                                         |
| 19 | Implementation of National Education Policy                                          | Workshop | 23 & 24 Feb 2023                       | National      | SPPU – AISSMSCOE Pune                                                                            |

|    |                                                                                                     |           |                                             |          |                                                                       |
|----|-----------------------------------------------------------------------------------------------------|-----------|---------------------------------------------|----------|-----------------------------------------------------------------------|
| 20 | Air, Water Pollution and Health                                                                     | FDP       | 31 July to 04 Aug 2023                      | National | NITTTR Kolkata                                                        |
| 21 | CONSTRUCTION PROJECT MANAGEMENT                                                                     | FDP       | 18 to 22 Nov 24                             | National | NITTTR Bhopal                                                         |
| 22 | Advancements in Construction Materials and Practices                                                | FDP       | 30 July to 03 Aug                           | National | Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad |
| 23 | Availability & Management of Groundwater Resources                                                  | NPTEL FDP | Jul-Oct 24                                  | National | NPTEL AICTE Program                                                   |
| 24 | CONSTRUCTION PROJECT MANAGEMENT                                                                     | STTP      | 18 <sup>th</sup> to 22 <sup>nd</sup> Nov 24 | National | NITTTR Bhopal                                                         |
| 25 | RETROFITTING AND REHABILITATION OF BUILDING STRUCTURES                                              | STTP      | 20 <sup>th</sup> to 24 <sup>th</sup> Jan 25 | National | NITTTR Bhopal                                                         |
| 26 | Building sustainable infrastructure for urban and social resilience: challenges and future pathways | FDP       | 05 <sup>th</sup> to 10 <sup>th</sup> Jan 26 | National | AICTE ATAL FDP organized by S.V.P.M.'S COLLEGE OF ENGINEERING         |

### Major Professional Responsibilities Handled

| Sr. No. | Role and Responsibilities                                                  |
|---------|----------------------------------------------------------------------------|
| 01      | Savitribai Phule Pune University – BE CAP Officer: May/June 25 Examination |
| 02      | NSS Activity Coordinator                                                   |
| 03      | Department Profile Coordinator                                             |
| 04      | Internship Coordinator                                                     |
| 05      | I/c Head of Department – Civil Engineering Department                      |
| 06      | Institute Head & Exam Coordinator – MSBTE Diploma                          |
| 07      | Admission Team Member - FC Coordinator & Institute Admission Counselor     |
| 08      | ISO Certification - Core Team Member ISO 9001:2015 Certification           |
| 09      | Academic Coordinator - NAAC Criteria II & Criteria VII Coordinator         |
| 10      | ISO Coordinator                                                            |
| 11      | Internal Monitoring & Industrial Training Coordinator                      |
| 12      | Course Counselor - Diploma in Civil Supervisor                             |

## Awards Received

| Sr. No. | Awards                                                                                                                                                                                                                         |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01      | Being Faculty Mentor: "Sustainable Innovation Challenge by IHCFSI" <ul style="list-style-type: none"><li>Rank Secured: 1<sup>st</sup></li><li>Price amount: ₹10,000</li><li>Date: 28 March 2026</li><li>Level: State</li></ul> |
| 02      | Best Presentation Award for innovative research work at PGCON in 2017-18.                                                                                                                                                      |
| 03      | Appreciation Letter as an Intern for PG research project from Ajwani Infra. Pvt. Ltd. Rawet, Pune.                                                                                                                             |
| 04      | Appreciation gift at One day workshop in Technical Activity at PCCOE, Pune                                                                                                                                                     |

### Declaration:

I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

**Mr. Yeole Chetan Rajendra**

(Name with Signature)