**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

 NAME: **DR. RASHMI KHAMBENOUR**

DATE OF BIRTH: 30-04-1989

DESIGNATION: Assistant Professor

DEPARTMENT: Civil Engineering

EMAIL ID: [risingrashmi09@gmail.com](mailto:risingrashmi09@gmail.com)

DATE OF JOINING: 1-09-2022

EMPLOYEE ID: AITS\_01 \_1652

## Academic Profile:

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| Ph.D | Visvesvaraya Technological University, Karnataka | 2023 |
| M.Tech. | Visvesvaraya Technological University, Belagavi, Karnataka | 2013 |
| B.Tech. | Visvesvaraya Technological University, Belagavi, Karnataka | 2010 |
| Pre-University Course | St Joseph’s convent Girls PU Science College, Karnataka | 2006 |
| S.S.L.C | St Joseph’s Convent Girls High School, Kalaburagi, Karnataka | 2004 |

## Research Details:

1. Areas of Specialization: Environmental Engineering
2. List of Publications: 8
3. Awards Received :
4. Research Guidance:
5. No. of PhD Guided:
6. No. of M.Tech Guided:
7. No. of B.Tech Guided: 70
8. Details of Professional Membership:
9. AMIE AMI1756888 Institute of Engineers, India
10. Certified Chartered Engineer AMI1756888 Institute of Engineers, India
11. Associate Member 12261339 American Society of Civil Engineers
12. IAENG-Member 373113 International Association of Engineers (IAENG)
13. Associate Member #:1444608 Industrial Engineering and operations management (IEOM)
14. Associate member Universal Association of Civil, Structural and Environmental Engineers, of Institute of Research Engineers and Doctors (IRED)
15. Subjects Taught:
    * 1. Environmental Impact Assessment
    1. Advanced Transportation Engineering
    2. water resource engineering
    3. Environmental engineering
    4. Advanced Envionmental Engineering
    5. Disaster management
    6. Air Pollution and Control Engineering
    7. Solid waste Management
    8. Design thinkinking and innovation
    9. Basics of Civil Engineering

## Publication Detail:

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| A comparative analysis between self-healing bio concrete and Conventional concrete | EPC, European Chemical Bulletin | **2023** |
| Studies on emission characteristics of CI Engine using Different bio-diesel blends | Scopus | **2022** |
| Studies on performance characteristics of compression ignition engine using different bio diesels | Scopus | 2022 |
| Examining the mechanical and durability aspects of geopolymer concrete | International Journal of Food and Nutritional Sciences, | 2022 |
| Study on Socio-Economic and Environmental Planning Analysis | Scopus | 2020 |
| Study on performance and emission characteristics of diesel engine using different bio diesels | Journal of Emerging Technologies and Innovative Research | 2019 |
| Performance evaluation of fiber reinforced concrete at different temperatures | Journal of Ceramics and Concrete Technology | 2019 |
| Prediction of residual strength of recycled aggregate concrete by using artificial intelligence and machine learning techniques | Scopus | 2021 |

## Patent Details:

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| **1** | Investigative Studies of Wilcox Diagram in Irrigation Water Samples” | **Published** |
| **2** | Changes in Metal Leaching From Coal Fly Ash During Wet Storage and Reuse | **Published** |
| **3** | Study of corrosion inhibitors for industrial cooling systems | **Published** |