



Akhil Bharatiya Maratha Shikshan Parishad's

Anantrao Pawar College of Engineering & Research, Parvati, Pune

Sr. No. 103, Parvati, Pune - 411 009.

Tel.: 020-24218901/8959 Tele Fax: 020-24213929

Web.:<http://www.abmspcorpune.org> **Email:** abmspcoe@yahoo.com

Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University

Savitribai Phule Pune University Identification No. PU/PN/Engg. /441/2012, DTE CODE:- EN 6794



Dr. Raviraj Ramesh Sorate

Ph.D.(Civil Engineering),

M.E.(Geotechnical Engg.)

Assistant Professor in Department of Civil Engineering

Experience : 16 years

dravirajsorate@gmail.com

PATENTS:

- 1) 'INDIAN SALT SHAKER MANHOLE COVER' (ISSMC) FOR SAFE DISCHARGE OF FLOOD WATER IN Patent 201,921,044,541 – Filled and Published
- 2) 'KARMANAAV' AN INSTRUMENT FOR DETECTION OF GEOELECTROMAGNETIC FIELD ABOVE GROUNDWATER VEIN IN Patent 332/MUM/2,015 - Patent Granted
- 3) 'NAAVRAJ' Attenuation System to Attenuate Geopathic Stress on National Highways And Expressways – Patent Granted

International Conference Paper:

International conference: 02

- At CUNY University, New York (USA) in year 2014 as resource person for research forum.
- At Dubai in year 2017 for World Education Summit.

International Journal Publications:

- Identification of accident black spots on national highway 4 (New Katraj tunnel to Chandani chowk) IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) 12 (3), 61-67
- *Effect of Geopathic stress on human heart rate and blood pressure Indian Journal of Science and Technology 3*
- Identification of accidental black spots on national highways and expressways IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)
- Slum rehabilitation with fast track techniques IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) 11 (3), 27-32
 - Effect of geopathic stress on pavement distresses Journal of Mechanical and Civil Engineering, 1-8
- Blackspots Analysis on Pune-Solapur National Highway International Research Journal of Engineering and Technology, e-ISSN, 2395-0056
- Geopathic stress: parameter for the occurrence of accidents Int J Latest Technol Engin Manag Appl Sci 4 (5), 1-4
- Identification of Accident Black spots on National Highway and Expressways IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278
- Geopathic stress: A threat to the built environment International Journal of Latest Technology in Engineering, Management
- Effect of geopathic stress zone on soil properties Elixir Int J
- Development of Road Traffic Accident Prediction Model by Using Artificial Neural Network: A Case Study of Mumbai-Pune Expressway Journal of Advances in Science and Technology 19 (02), 37-47
- Geopathic Stress Aspect for Sustainable Development of Built Environment International Journal of Scientific and Research Publications 2 (12), 171-173
- Use of dowsing and geo-resistivity meter for detection of geopathic stress zone. International journal of modern engineering research 1 (2), 609-614

- Traffic Accident System Analysis: Optimization and Interpretation of traffic studies using
- Pattern Search Recognition Case Studies Journal of Advances in Science and Technology 19 (02),
- 161-178

National Conference Papers:

1. Identification of accidental black spots on national highways and expressways National Conference
“ACGT 2015, 13-14

Workshop

- 1.Total Workshop Attended 09
- 2.TotalWorkshop Organized:08

FDP/STP/STTP

Total FDP Attended : 09

NPTEL online Certification

Successfully compeld the course of Lab Practice Geotechnical Engineering I during Aug – Oct
2023(4 weekcourse).NPTEL Online Certification

Experience(teaching/Industrial/others)

Sr. No.	Experience	Duration
Teaching Experience		
1	Civil Department	16 Years