

Name : PUPALWAD ARTI SUDAM

Designation: Assistant Professor

Department: Civil Engineering

Mail I.D: artisudam_p@vnrvjiет.in



1. Experience (in years):17 Teaching: 11 Research: Nil Others: 6

1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|------------------------|-----------------|--------------------------|
| 1. | Ph.D | In Progress | Geotechnical Engineering |
| 2.. | M.Tech | 2015 | Geotechnical Engineering |
| 3 | BE | 2005 | Civil Engineering |

2. Teaching and Learning:

2.1 Teaching Interests: Geotechnical Engineering-I, Geotechnical Engineering-II, Advanced Foundation Engineering, Ground Improvement Techniques, Engineering of Geology, Rehabilitation and Retrofitting of structures, Estimation & Costing, AutoCAD

2.2 Novel Teaching & Learning Techniques adopted: NPTEL, POGIL

2.3 Involvement in curriculum updating / Design: Involved in the updation of the syllabus of the lab and theory subjects to improve the course structure.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: a) Reading and Planting) To keep pace in updating the knowledge.

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity:

- Involved in Mentoring for II & II B.Tech students.

3.5. Committees involved in:

Department level: In-Charge for Students Attendance, Lab Protocol, Programme assessment committee (PAC), In-Charge for IV B.Tech CE-I Students

Institute Level: Sports fest invitation committee member

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: Nil

4.2 Attended:

- Participated in 6-Day Faculty Development Programme on “Applications of Artificial Intelligence & Machine Learning in Civil Engineering” in association with Shree Xtra Fe550 TMT & Ultratech Cement Ltd. from 30th January to 04th February 2023 organized by Department of Civil Engineering, ACE Engineering College, Hyderabad.
- Participated in Two-week Online Faculty Development Programme on “Computer Diligence in Civil Engineering & Applications” organized by Electronics & ICT Academy, NIT-Warangal in association with Srinidhi Institute of Science and Technology, Hyderabad from 21st to 30th March 2022.
- Participated in Four days Faculty Development Programme on “Design Thinking” conducted at VNRVJIET during Feb. 02–05, 2022.
- Participated in the “Indian Geotechnical Conference 2021 – GEOTECHNICS for Infrastructure Development and Innovative Applications” organized during December 16 - 18, 2021 by IGS Trichy Chapter and National Institute of Technology, Tiruchirappalli
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Innovative Contactless Investigation Techniques in Civil

Engineering" from 06/09/2021 to 10/09/2021 at Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology.

- Attended webinar on “Building Empathy Modern Mentoring for Effective Student Mentor Relationship” organised by VNRVJIET on 3rd July 2020.
- Participated in 5-day Faculty Development Programme on “Smart Materials in Construction” organized by Department of Civil Engineering, Vardhman College of Engineering from 25th June – 1st July 2020
- Participated in 5-day Faculty Development Programme on “Advances in Structural and Geotechnical Engineering (ASGE-2020)” organized by Govt. College of Engg. Kalahandi, Bhawanjpatna from 29th June – 3rd July 2020
- Attended webinar on “Structural Health Monitoring” organized by JBIET on 24th June 2020.
- Attended webinar on “Design and Construction of Shallow Tunnels in Urban Environment” organized by VNRVJIET on 15th June 2020.
- Attended webinar on “Failures of Concrete Structures” organized by Ramco cements on 13th June 2020.
- Attended webinar on “Soil fibre Reinforcement” organized by VNRVJIET on 12th June 2020.
- Attended webinar on “Climate Change and Sustainability Series” organized by VNRVJIET on 5th June 2020.
- Attended webinar on “Insights into the Unexplored Aspects of Seismic-soil-pile -structure Interaction)” organized by VNRVJIET on 2nd June 2020.
- Attended webinar on “Applications of Remote sensing in Cryosphere -Overview” organized by VNRVJIET on 31st May 2020.
- Participated in National Workshop “on Recent Advances in Geotechnics for Infrastructures-RAGI2020” organised by ACCE, Mysore Centre, IGS, Bengaluru, NIT, Mysuru during 14th -17th May 2020.
- Attended webinar on “R.C.C Detailing and Bar Bending Schedule (Process)” organized by SRM Institute of Science and Technology, VNRVJIET on 16th May 2020.
- Attended webinar on “Next Generation Concretes” organized by ICI & VNRVJIET, on 15th May 2020.
- Attended webinar on “Foundation Settlement using Empirical Correlations” organized by IGS Guntur, VNRVJIET on 16th May 2020.
- Participated in 5-day Faculty Development Programme on “Artificial Intelligence and Machine Learning Using Python” organized by Finland Labs in Association with National social summit, IIT Roorkee from 11th – 15th May 2020
- Attended webinar on “GPR-an important Non-Destructive technology for Urban Development” organized by Department of Civil Engineering, VNRVJIET on 10th May 2020.
- Participated in International conference on “Construction materials and smart structures for sustainable development”, organized by VNRVJIET from 29th – 31st January, 2020.
- Participated in One Week National Workshop on “Traffic and Transportation Planning for Smart Cities”, organised by Dept. of Civil Engg., VNRVJIET, Hyderabad during 20th-25th November 2017.
- Participated in 2-Day National conference on “Modern Concretes-Driving Profit and Sustainability (MCDPAS-2016)”, organized by VNRVJIET in association with TEQUIP-II during 26th – 27th August 2016.

- Participated in the AICTE sponsored Faculty Development Programme on “Computer Oriented Applications in Civil Engineering” organized by VNRVJIET, Hyderabad from 16th – 28th May 2016
- Participated in National conference which is sponsored by AICTE on “Disaster Preparedness, Mitigation and Reconstruction of Sustainable Society”, organized by VNRVJIET from 11th – 12th February, 2016.
- Participated in National workshop which is sponsored by AICTE on “Urban Traffic and Transportation Planning Perspective for Smart Cities”, organized by VNRVJIET from 20th – 22th January, 2016.
- Participated in National workshop which is sponsored by AICTE on “Participatory irrigation management”, organized by VNRVJIET from 25th – 30th May, 2015.
- Attended 1-week Workshop “Advances in Geotechnical & Geo environmental Engineering” sponsored by ISTE during January 06-10 2014, at Department of Civil Engineering, Baba sahib Naik College of Engineering, Pusad,

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 1

5.2. Articles/Chapters published in Books: 2

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 17 b) PG: 8

5.5. Research Interests: Utilisation of waste materials/Sustainable materials

5.6. Ph.D students: Nil

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

| S. No | Title of the Paper | Journal Name Vol.No. PP | ISBN/ISS N No. | Impact Factor/ Citation Index | National/ International |
|-------|--|---|-------------------|--|----------------------------|
| 1 | Effect of tyre powder on strength characteristics of red and black cotton soil | <i>I-manager's Journal on Civil Engineering</i> . Vol.6, No.4, Sept-Nov2016 | ISSN 2231-1068 | 1 | National |
| 2 | Effect of fly ash and Geosynthetics on strength properties of clayey soil. | I-manager's Journal on Structural Engineering, Vol.5 No.3, Sept-Nov2016 | ISSN 2320-2343 | 1 | National |
| 3 | Prediction of FSI Value by using Hyperbola Method | International Journal of Engineering and Advanced Technology (IJEAT) | ISSN: 2249 – 8958 | 6.02 | International |
| 4 | Estimating Optimal Geotextile Type for Controlling Soil Erosion | International Journal of Innovative Technology and Exploring | ISSN: 2278-3075 | 6.03 | International |

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|----|--|---|---|-------|----------------------|
| | | Engineering (IJITEE) | | | |
| 5 | Effect of Additives on Strength Properties of Soil with Emphasis on Compaction Time Lag | Journal of Civil Engineering and Environmental Technology | ISSN:234 9-8404 | 4.857 | National |
| 6 | Controlling the soil erosion of pond by analysing diversified geotextiles: An empirical Review | Journal of Applied Science and Communications Vol. 6, Issue 6- | ISSN: 2248-9622 | 5.8 | International |
| 7 | Determining the Suitability and Thickness of CNS Soil Layer for Canal Lining | Materials Today Proceedings | ISSN 2214-7853 | 1.24 | International-Scopus |
| 8 | Optimization of River Sand with Spent Garnet Sand in Concrete Using RSM and R Programming Packages | Journal of Nanomaterials, Volume 2022 | https://doi.org/10.1155/2022/4620687 | 3.791 | International SCI |
| 9 | An Experimental Study on CBR of Expansive Soil Subgrades using Geotextiles | International Journal of Civil and Structural Engineering Volume 7, Issue 1 | ISSN Online: 2348-7607 | 2.184 | International |
| 10 | Synthesis of low cost artificial sand from fly ash and its application as a filter material | Journal of geotechnical engineering, Vol-9, issue 3 | 2394-1987 | 6.774 | National |
| 11 | Strength Characteristics of Geopolymer Synthetic Sand Using Fly Ash | Journal of materials in civil engineering, Vol.35, Issue 6 | 0899-1561 | 3.651 | International SCI |

5.8. Papers presented at National / International Journals:

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|------|--|--|-------------------------|---|
| 1. | Behaviour of soil by using tyre powder | Indian Geotechnical Conference, IIT Madras, Chennai, India | International | 15 th -17 th December, 2016 |
| 2. | A Review on Analysis of | ICCMSSSD – 2020, VNR VJIT | International | 29 th -31 st January 2020 |

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|----|--|----------------------------|---------------------------------------|---|
| | Construction and Demolition Waste | | ISBN :978-93-8935-488-1 | |
| 3. | A Contemporary Review of Literature on Production of Bricks from Industrial Wastes | ICCMSSSD – 2020, VNR VJIET | International ISBN :978-93-8935-488-1 | 29 th -31 st January 2020 |

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects: Nil

6. Awards / Honours received: Nil

7. Motto: Work is worship. Imparting up-to-date knowledge to students.