

RESUME

BODDU DATTA SAI MANIKANTA

D.NO: 10-69

Near the Andhra bank
Ganapavaram , Ganapavaram Madalam

West Godavari Dist.

Pin Code: 534198



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CAREER OBJECTIVE :

Improve my skills and knowledge in the field of work and to contribute towards the progress of the firm with my constructive efforts, working as a team and as an individual.

ACADEMIC PROFILE:

QUALIFICATION	COURSE OF DURATION	INSTITUTION	BOARD/ UNIVERSITY
PhD (Pursuing)	2026-	Andhra University	Andhra University
AICTE QIP PG Certificate Program on “Artificial Intelligence”	Feb 2026-July 2026	IIIT Vadodara	AICTE Sponsored
M.TECH STRUCTURAL ENGINEERING	2019-2021	College of Engineering Andhra University	Andhra University
B.TECH CIVIL ENGINEERING	2015-2019	Vishnu Institute of Technology, Bhimavaram	JNTU Kakinada
INTERMEDIATE	2013-2015	Narayana junior college, Vijayawada	Board of Intermediate Education
SSC	2012-2013	Maria Montessori EM of Highschool Ganapavaram	Board of Secondary Education

PROFESSIONAL EXPERIENCE:

DESIGNATION	INSTITUTION	PERIOD
Assistant professor	Seshadri Rao Gudlavalleru Engineering College	From September 2023

Subjects Thought:

- Basics of Civil Engineering
- Building Materials and Building Construction
- Introduction to Earthquake Engineering
- Engineering Graphics
- Sustainable Development
- Prestressed Concrete Structure
- Green Building Technology
- Design and Drawing of Irrigation Structures
- Building Services
- Structural Dynamics

PROJECTS:

- THE EFFECT OF SAWDUST ON THE PROPERTIES OF EXPANSIVE SOIL BRICK (B. TECH PROJECT)
- SEISMIC ANALYSIS OF A MULTI STOREY BUILDING WITH MASS IRREGULARITY (M.TECH PROJECT)

INDUSTRIAL VISITS:

- **PATTISEEMA LIFT IRRIGATION PROJECT**", West Godavari.
- Industrial visit to "**POLAVARAM PROJECT**", West Godavari

INTERNSHIPS:

- Ten days internship training program in "**LAYING OF WHITE TOPPING OVER THE EXISTING B.T ROADS**". At HKC Layout, Raidurgam, Serilingampally, R.R District - Under TSIIC IALA from Raghava constructions, Hyderabad

- Two months internship training program in **“BIM MODELER ARCHITECTURE AND STRUCTURE”** . At Androbim solutions private limited , yellereddyguda , Hyderabad

WORKSHOPS:

- Attended a 10 day workshop on **“TOTAL STATION”** held at our campus organized by **“FLASH INFRATECH”**, HYDERABAD.
- Attended one week workshop on **“REVIT & STAAD PRO”** held at our campus organized by **“YES-CADD (Unique Survey Solutions) TRAINING SERVICES”**, HYDERABAD .
- Attended a 14days workshop on **“RECENT TRENDS IN SUSTAINABLE DESIGN OF STRUCTURES”** held on **“MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING”**, VIZIANAGARAM.
- Attended a 3days workshop ON **“MODELLING AND SIMULATION STUDIES IN CIVIL ENGINEERING PRACTICES USING ANSYS”** held on **“VASIREDDY VENKATASDRI INSTITUTE OF TECHNOLOGY”** , Nambur ,Guntur district.
- Attended a seven days workshop on **“Author’s Conclave”** virtually organized by the Department of Civil Engineering, SRM Institute of Science & Technology, Ramapuram, Chennai-89, from 11th to 17th August 2020.

WEBINAR / SEMINAR / FDP:

- Attended a One Week online Faculty Development Program on **“Data Analytics, Machine Learning, and Emerging AI Technologies for Civil Engineering”** Organized by Department of Civil Engineering KG Reddy College of Engineering and Technology (Autonomous), Telangana, from 23/02/2026 To 28/02/2026
- Attended a One Week online Faculty Development Program on **“Sustainability in Mechanical and Civil Engineering”** Organized by Department of Civil Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), from 17/02/2026 To 21/02/2026
- Attended a One Week Faculty Development Program on **“The Role of Industry 4.0 in Civil Engineering for Future Construction ”** virtually Sponsored by AICTE Training and Learning (ATAL) Organized by Department of Civil Engineering Bapatla Engineering College from 18/08/24 - 23/08/25
- Attended a Five days Faculty Development Program on **“Potential Research Trends on Civil Engineering Domains”** virtually Organized by Department of Civil Engineering Lakireddy Bali Reddy College of Engineering, from 24th-28th March 2025

- Attended a Two Week Faculty Development Program on “**Application of MATLAB in Civil Engineering**” virtually Sponsored by Ministry of Electronics and Information Technology Organized by E&ICT Academy NIT Warangal & Department of Civil Engineering S.R. Gudlavalleru Engineering College, Gudlavalleru, Andhra Pradesh from 17th-27th Feb 2025.
- Attended a One Week Faculty Development Program on “**Urban Development of Smart Cities and Mobility**” virtually Sponsored by AICTE Training and Learning (ATAL) Organized by Department of Civil Engineering Shri Balasaheb Mane Shikahan Prasarak Mandals Ashokrao Mane Group of Institutions Vathar from 30/12/24 - 04/01/25
- Attended a One Week Faculty Development Program on “**Disaster Risk Reduction through Sustainable Infrastructure**” virtually Sponsored by AICTE Training and Learning (ATAL) Organized by Department of Civil Engineering Ramachandra College Of Engineering From 16/12/2024 - 21/12/2024
- Attended a Five days Faculty Development Program on “**Building Resilient Infrastructure**” virtually Organized by Department of Civil Engineering Vasireddy Venkatadri Institute of Technology, from 24th-28th June 2024.
- Attended a Five days Faculty Development Program on “**Geotechnical Engineering Practices and its Sustainable Development**” virtually Organized by Department of Civil Engineering Ballari Institute of Technology & Management, Ballari, from 18th-22th June 2024.
- Attended a One Week Faculty Development Program on “**Emerging Research Trends in Civil Engineering**” virtually Organized by Department of Civil Engineering Vishnu institute of Technology (VITB), Bhimavaram, Andhra Pradesh and Shri Shankaracharya Institute Of Professional Management and Technology (SSIPMT),Raipur, Chhattisgarh from 6th-11th May 2024.
- Attended a two days Faculty Development Program on “**A Global Symposium on Sustainable Development in Civil Engineering**” virtually Organized by Department of Civil Engineering Dr.D.Y.Patil Institute of Technology, Pimpri, Pune through International Students Chapter of American Society of Civil Engineers (ASCE), from 19th-20th January 2024.
- Attended a Five days Faculty Development Program on “**Innovative Technologies for Sustainable Environment**” virtually Organized by Department of Civil Engineering GMR Institute of Technology, Rajam, from 26th-30th December 2023.
- Attended a 3 day webinar on “**Disaster Risk Reduction in Resilient Infrastructure**” organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Department of Civil Engineering, Andhra University College of Engineering, Andhra University, Visakhapatnam during 30.09.2020 to 02.10.2020.

- Attended a one day webinar on “**Seven Correct Steps For Concrete Making**” virtually organized by Qcrete Readymix pvt,Ltd on 12th september 2020.
- Attended a one day webinar on “**Expert Lecture on Misconceptions and Facts about Readymix Concrete**” virtually organized by Indian Concrete Institute-Bangalore centre on 25th July 2020.
- Attended a one day webinar on “**Effective use of concrete in RCC structures**” virtually organized by Qcrete Readymix pvt,Ltd on 11th July 2020.
- Attended a one day webinar on “**Use of Micro materials in Concrete**” virtually organized by Qcrete Readymix pvt,Ltd on 4th July 2020.
- Attended a two day webinar on “**Modern Infrastructure & Construction Practices**” virtually Organized by Department of Civil Engineering MIC college of technology Vijayawada, from 29th-30th May 2020.
- Attended a one day webinar on “**Latest Techniques And Preventive Measures Towards Enhancement Of Traffic Safety**” virtually organized by Sri Vishnu Engineering College for Women on 11th May 2020.

CERTIFICATIONS AND ACHIEVEMENTS:

- 42th Rank in APRCET 2024–2025
- Certificate of completion on Bridge Modelling with Autodesk Revit-2020-BIM Tool Course by Udemy (25th June 2024)

ORGANSIATED SDP:

- Conducted student development program on “Next-Gen Design: Empowering Engineers with CAAD Tools” as co-coordinator in Seshadri rao Gudlavalleru Engineering College on 22 to 24 Sep 2025

JOURNAL PAPERS:

1. **B. D. S. MANIKANTA “Comparitive Seismic Analysis of Multi-Storey Building (G+8) with and without Mass Irregularity”. International Journal of ALL Research Education and Scientific Methods ISSN: 2455-6211, Volume 13, Issue 04, April-2025**

[https://www.ijaresm.com/uploaded_files/document file/Mr. B . D . S Manikanta qstk.pdf](https://www.ijaresm.com/uploaded_files/document_file/Mr. B . D . S Manikanta qstk.pdf)
<https://doi.org/10.56025/IJARESM.2025.1304254305>

2. **B. D. S. MANIKANTA** “Application Of Machine Learning For Crack Detection On Concrete Structures Using CNN Architecture”. Goya Journal ISSN NO : 0017-2715, Volume 18, Issue 04, April-2025 <https://doi.org/10.5281/zenodo.15307143>
3. **B. D. S. MANIKANTA** “Performance measurement the additions of sawdust in the brick with the expansive soils”. International Journal of System Assurance Engineering and Management Issue 20, July-2025 https://link.springer.com/epdf/10.1007/s13198-025-02886-2?sharing_token=c92kWo7j68A5K9GIQsiLgfe4RwlQNchNBvi7wbcMAY5FHY4Ym-UgxyVYYXUDOOCC_scoTa4dTC-N7qF1o_GZIrqut90vyWODb1kQLdgVBkeGrgC96F-LRBR7cGqiUs8zMZzJ4M15csxVVBhP9v9Cjm1jPiii8UX8NFHE9ufYUOE%3D
4. **B. D. S. MANIKANTA** “Comparative Seismic Analysis In 14 Storey RCC Building With And Without Horizontal Diaphragm Discontinuity”. Journal Of Emerging Trends And Novel Research Volume 4, Issue 3 March 2026 ISSN: 2984-9276.

PATENT PUBLICATION:

1. A Ternary Blended Geopolymer Concrete
2. Multi-Stage Filtration System And Method For Treating Industrial Waste Water Using Biosorbents
Stage Filtration System And Method For Treating Industrial Waste Water Using Biosorbents
3. An Improved Method and Thereof for Producing Environmentally Sustainable Green Bricks Using Industrial Waste materials.

EXTRA CURRICULAR ACTIVITIES:

- Worked as a volunteer in “**VALIANT 2K17**”, a technical fest .
- Participated as an event of **BIG GADGET CRUISE** in **SOUDHA 2K18**, a technical fest

TECHNICAL SKILLS:

MS-Office
AUTO CAD
STADD PRO
REVIT ARCHITECTURE
ETABS

HOBBIES:

Gardening
Listening Music

PERSONAL DETAILS

Name : BODDU DATTA SAI MANIKANTA
Father's Name : B.VARA PRASAD
Date of Birth : 21-05-1998
Gender : Male
Nationality : Indian
Languages Known : English, Telugu

DECLARATION:

I here by declare that the information given above is true to the best of my earnest endeavor to discharge competently and carefully the duties you may be pleased to entrust with me.

DATE:
PLACE:

B.D.S.MANIKANTA
(BODDU DATTA SAI MANIKANTA)