

CURRICULUM VITAE

SURESH THONTE

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CAREER OBJECTIVE

“To work with maximum potential in a challenging and dynamic environment, with the opportunity to enhance my professional skills with learning, and experience to fulfill personal and organizational goals”.

ACADEMIC QUALIFICATION

Qualification	Institution	Year of Passing	Percentage
M. Tech Civil in Dam Engineering	Indian Institute of Science, Bangalore, India	CGPA 7.8 Pursuing 2023-25	
B.E., Civil Engineering	Chaitanya Bharathi Institute of Technology (CBIT) of Osmania University, Hyderabad	2015	76.27
Diploma in Civil Engineering	Singareni Collieries polytechnic	2012	87.59
Secondary School Certificate	Z.P. High School	2009	79.83

TECHNICAL SKILLS

Software: Arc GIS, GeoStudio, Abaqus Arc MAP, ArcSWAT HEC RAS, HEC HMS, R Studio, MATLAB, Google Earth Engine, Auto Cad, and Basics of C-language

PROJECT WORK

1. Integrated Dam Health Monitoring through Risk Assessment (Dissertation)
2. Groundwater movement analysis through the various soils in the agriculture field at the National Institute of Technology Karnataka (NIT—Surathkal).
3. Rainwater harvesting for an educational institute - a case study at CBIT.
4. Solar Roadway design construction analysis.
5. Effect of slab modeling on the response of multi-storied building (Main project).

ACHIEVEMENTS

1. Consecutively got **the best Engineer of the Year** award in Irrigation & CAD Department, Government of Telangana in 2022 and 2023.
2. Got **best outgoing student** award in Bachelor of Engineering from CBIT-2015.
3. Achieved **state 66 rank** in ECET among thousands of aspirants.
4. Awarded with a **gold medal** for academic excellence in Diploma.
5. Won first prize in Intellectual Outlook (**National level Civil Engineering Problem solving competition**) on the event of nirmaan-14 which is conducted by Osmania University (OU), Hyderabad.

6. Secured Second place in the **state-level inter-college volleyball tournament** at Mahatma Gandhi Institute of Technology (MGIT), Hyderabad.

TECHNICAL ACHIEVEMENTS

1. National-level technical paper presentation competition on the topic of **“Integrated Water Resource Management” (Won first prize)**.
2. National level technical paper presentation competition on the topic of **“Role of solar roadways for protection of Environment” (Won first prize)**.
3. Secured first place in **AUTO CAD drawing** for amazing development of building plan on the event of acumen-13 at Vasavi College of Engineering, Hyderabad.
4. Won first prize in the **National Level Project Presentation** competition on the event of SEE-13.
5. Won second prize in **Paper Presentation** on the event nirmaan-13 conducted by Osmania University (OU), Hyderabad.
6. Got first prize in **Paper Presentation** on the event of civilizations-2015 in CBIT
7. Presented a technical paper on **Green Building Technology** at the National level students' technical symposium at MGIT-2014
8. Attended a national conference on **“Sustainability, Energy and Environment”** organized by the environmental club - Parivritha.
9. Attended a workshop on **“Application of water resources in Civil Engineering”** conducted by Vasavi College of Engineering-2014.

RECENT ACTIVITIES

1. Attended 4-day training on Reservoir Sedimentation and Silt Management organized by the Central Water Commission - DRIP and ICED (International Centre of Excellence for Dams) at IIT Roorkee.
2. Attended one week of training on Dam Break Analysis, Inundation Mapping, Emergency Action Plan, Flood Routing, and Free Board Calculation in the office of the CWC (Central Water Commission), New Delhi.
3. Attended two weeks training on Design Flood Estimation & Review, Dam Break Analysis using HEC-RAS and preparation of Emergency Action Plan (EAP) attend in the ICED (International Centre of Excellence for Dams) in IIT Roorkee
4. Attended the 2nd National Workshop (ESICET-2023) on Earth Science in India: Challenges and Emerging Trends organized by the Department of Earth Science, IIT Roorkee.

5. Attended Natural Hazard Workshop for the Indian Himalayas 2023 themed on Exploring the Himalayan Frontiers: Geomorphological and Hydrological aspects under the Co-PREPARE Project organized by the Department of Hydrology, IIT Roorkee and the University of Potsdam.
6. Attended International workshop (MemDEW-2023) Membrane Technologies for Desalination, Energy and Water Sustainability under Advance Membrane Research Lab organized by the Department of Hydrology, IIT Roorkee.

EXTRA-CURRICULAR ACTIVITIES

1. Currently working as a **Student Placement coordinator** for the Civil Engineering Department at the Indian Institute of Science – Bangalore, India.
2. Worked as a **Placement Coordinator** for the Civil Engineering department in CBIT - Hyderabad for one year.
3. A player of CBIT- Hyderabad college **volleyball and football team** for two consecutive years.
4. Worked as a **treasurer** cum Executive Body Member for two years in parivrita club of CBIT- Hyderabad.
5. Presented **two technical projects** at the event of Tech Expo conducted by CBIT-CS.
6. Organized SEE-13 and Civilizations Fest in CBIT as **joint secretary**.
7. Organized **National Level Poster Presentation competition** in CBIT-2014
8. Active member in MUN, NSS, and CBCC clubs of CBIT.
9. Attended a workshop on “**Entrepreneurship Development**” conducted by The National Small Industries Corporation Ltd.
10. Part of the **Technical and Publications committee** on the event of SEE and CIVILIZATIONS of CBIT- Hyderabad.

INDUSTRIAL EXPOSURE

- ✓ Currently working as Assistant Executive Engineer, Irrigation & CAD Department, Government of Telangana since 2016.
- ✓ Worked as a **Trainee Engineer** at S.C.C.L. (Singareni Collieries Company Limited-A Govt Company) for Six months as part of a Diploma Course.
- ✓ Completed **one-month summer internship** (03-June-2013 to 03-July-2013) at the National Institute of Technology Karnataka (**NIT-K**)
- ✓ Did 20 days internship at JANAPRIYA ENGINEERS SYNDICATE in Hyderabad
- ✓ Had completed training on TOTAL STATION at NATIONAL ACADEMY OF CONSTRUCTION (NAC in 2012)

- ✓ Industrial visit at “LANCO HILLS” in Hyderabad.

PERSONAL SKILLS

- ✓ Willingness to learn new things, team facilitator & have the ability to take sound decisions.
- ✓ Passion for constant improvement and excellent people management skills.
- ✓ I am an active participant in social work and have completed a one-month internship at **Teach for India** as a Longitudinal **Research Intern**.
- ✓ **Teaching**- I teach my peers and juniors. This, apart from strengthening my subject knowledge has taught me to be financially independent and self-reliant
- ✓ **Public Speaking**- I take every opportunity that comes my way to share my thoughts on a public platform. I have actively taken part in elocutions and debates since my schooling.

RESEARCH WORK

- ✓ Development of a User Interface (UI) enabled with the Internet of Things (IoT) for Dam health assessment and Monitoring through risk assessment by prediction, computation, and analysis of rainfall-runoff model(Flood forecast), Design Flood review with HEC HMS, Geophysical studies, Sedimentation & Structural analysis, and Dam break analysis with HEC RAS and EAP.

PERSONAL DETAILS

Father's Name : T.Rajaiah
Address : House No: 6-107, Shatrajupally(Vil), Vemulawada(Mdl),
Rajanna Sircilla(Dist), Telangana State – 505 302
Date of birth : 25-04-1992
Nationality : Indian
Gender : Male
Hobbies & Interests : Reading books, playing volleyball & Social Service
Strengths : Hard work, Discipline, and Dedication.
Languages known : English, Hindi, and Telugu.

DECLARATION

I hereby declare that the above-given particulars are trusted to the best of my knowledge and belief.

Place: IISc - Bangalore


(**Suresh Thonte**)