Dr. G. GIRIDHAR

Ph.D. (Civil Engineering),
M.E (Hydraulics Coastal and Harbor Engineering),
B.E (Civil Engineering).

CONTACT DETAILS

+91 8790793793

31-21-4, Venkateswara metta,
Narayana Street, Dabagardens,
Visakhapatnam – 530 004.
Andhra Pradesh, India.

ggiridhar@lbce.edu.in

EDUCATION QUALIFICATION

Doctor of Philosophy (2018 – 2024)

Civil Engineering
Andhra University
Visakhapatnam

Master of Engineering (2012 – 2014)

Hydraulics Coastal & Harbour Engg
CGPA: 7.2 Andhra University
Visakhapatnam

Bachelor of Engineering (2007–2011)

Civil Engineering
CGPA: 6.8 SVP college,
Andhra University
Visakhapatnam

Intermediate (2005 – 2007)

Percentage: 83.2%
Pavani Jr College
Visakhapatnam

S.S.C (2005)

Percentage: 75%
M.N.R Educational Institution
Visakhapatnam

ABOUT ME

Enthusiastic professional passionate about teaching in both classroom and laboratory settings, with a history of adapting curriculum to varying student needs, including English language learners and special needs students. Having interest in coastal management and protection structures with a keen interest in integrating new software for coastal and field measurements. Possesses eight years of experience in teaching and two years of experience in field measurements along Andhra Pradesh coast. Additionally, I performed hydrographic and bathymetric surveys using a survey vessel equipped with a single-beam echo sounder to assess sea depth conditions.

WORK EXPERIENCE

01 – Project Associate

Andhra University- (2022-2025)

Project :- I

Topographic and Bathymetric Survey of Andhra Pradesh

Roles & Responsibilities: -

- Gathering project information and understanding client requirements.
- Planning the project schedule and determining pricing.
- Conducting on-site data collection using DGPS RTK, with 1.0m intervals for undulating terrain and 5.0m intervals for level surfaces.
- Measuring the High Tide Line (HTL) and Low Tide Line (LTL). Processing the collected data and preparing the final survey report.
- Cross-verifying the results with a senior staff member for accuracy.

Project :- II

Topographic and Bathymetric Survey of Budugedda, Sabari and Sileru River's, Odisha

Client :- COSECS

Roles & Responsibilities: -

- Plan of project schedule and estimate the pricing for the project.
- Establish benchmarks at each specified location.
- Conduct topographic and single-beam echo sounder bathymetric surveys within the designated area.
- Collect survey data on-site using the DGPS RTK method at 10.0m intervals.
- Process the collected data and prepare the final survey report.

SOFTWARE SKILLS

- DELFT 3D
- REEF 3D

SOFTWARE SKILLS

- DELFT 3D
- REEF 3D
- AUTO CAD
- MS OFFICE

EQUIPMENTS HANDLED

- AUTO LEVEL
- DGPS
- SINGLE BEAM ECO SOUNDER

LANGUAGES KNOWN

- TELUGU
- ENGLISH
- HINDI

REFERENCES

- Dr. M.G.Muni Reddy
  (Professor, ANDHRA UNIVERSITY College of Engineering).
  mgmreddyauce@gmail.com
  Ph: +91 9494572898.

- Prof. P. Satya Narayana
  (Retd. Professor, ANDHRA UNIVERSITY College of Engineering).
  Psnarayana151948@gmail.com
  Ph: +91 98481 94641

WORK EXPERIENCE

02 – Assistant Professor
Dr. L. Bullayya College of Engineering- (2015-2022)

- Teaching for bachelor level technical education.
- Fluid Mechanics, Hydraulic Machines.
- Laboratory In-charge for fluid mechanics

03 – Assistant Professor (GRADE - II)
Dr. L. Bullayya College of Engineering- (2025-Present)

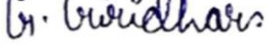
- Teaching for bachelor level technical education.
- Fluid Mechanics, Hydraulic Machines, Hydraulics and Water Resources Engineering, Irrigation Structures.
- Laboratory In-charge for fluid mechanics.

PAPER PUBLICATIONS

- Coastal Erosion and Engineering Solutions along Visakhapatnam Coastline East Coast of India, Ecological Engineering & Environmental Technology, Vol 25, Issue 5. ISSN: 2719-7050. (2024).
- Experimental and Numerical Modelling of Wave Transmission Over Submerged Breakwater and Rigid Vegetation. Recent Advances in Structural Engineering ISSN: 2366-2565, Volume 135, March 2021.
- Hydrodynamic study of energy dissipation blocks on reduction of wave run-up and wave reflection". (ICWRCOE 2015), Aquatic Procedia 4 (2015) 281-286. ScienceDirect – ELSEVIER.
- A Study on Hydrodynamic and Morphological behavior of Sarada river using DELFT-3D Model", International Journal of Scientific Research in Engineering and Management (IJSREM) Volume – 08, Issue : 01.

DECLARATION

I hereby attest that the information mentioned above is accurate to the best of my knowledge.



SIGNATURE
(Dr. G. GIRIDHAR)