

PINAKANA LAKSHMANRAO

M.Tech. | NIT Rourkela

Final Year, Water Resources Engineering.
DOB: 20/ 05/ 1998
Contact: +91 8519955439
Email.:lakshmanraopinakana@gmail.com

Education

2019-2021

M.TECH. WATER RESOURCES ENGINEERING
NIT Rourkela
CGPA : 9.48/10

2015-2019

B.TECH., CIVIL ENGINEERING
MVGR college of Engineering , AP
CGPA : 9.06/10

2015

INTERMEDIATE
Sri Chaitanya Junior College, AP
Percentage: 92.5%

MAY 2013

MATRICULATION
ST MARY'S HIGH SCHOOL , AP
CGPA: 9.3/10.0

Links

LinkedIn:// [pinakana-lakshmanrao](#)

Skills

GENERAL PROGRAMMING
C

SOFTWARES

Matlab, AutoCAD, STAAD.Pro, EPANET,
ARC-GIS, HEC-RAS, HMS, SWMM,
ANSYS-FLUENT

LANGUAGES

English, Hindi, Telugu.

Certification Courses

HYDRATION POROSITY AND STRENGTH OF
CEMENTITIOUS MATERIALS- NPTEL
SOIL MECHANICS- NPTEL
AutoCAD
EPANET

Work Experience/Projects

2017-2018

NHAI- VISAKHAPATNAM

Summer Intern

Topic: Roads maintenance, repair and rehabilitation

On Methods of Surface Treatment for Road Maintenance, sub grade preparation, Quality control of materials and estimation preparation of lab reports, Traffic studies .

2018-2019

MVGR college of engineering-VZM

B.Tech project

Topic: Experimental Studies On Mechanical Properties Of Hybrid Fibre Reinforced Concrete

Provided analysis of various proportion of hybrid fibres in concrete mix for the improvement of mechanical properties of conventional concrete and its cost Optimization.

2018-2019

MVGR college of engineering-VZM

Summer Intern

Topic: Water quality Modelling Rain water harvesting

Provided analysis of various method of tests for checking underground water levels and techniques in rain water harvesting .

2020-2021

NIT ROURKELA

M.Tech project

Topic: Experimental and Numerical analysis of flow characteristics in a compound double layer vegetated meandering channel.

Achievements/Certifications

2020-2021

HYDRO-2020 INTERNATIONAL CONFERENCE

Conference paper

Analysis of kinetic energy and momentum energy correction factors in meandering channel with and without vegetation.

2020-2021

NITR QUIZ COMPETITION

Winner

Won 3rd prize in NITR quiz competition.

2018-2019

DRAGONITE FEST in co-operation of IICE IOE

Winner

Received award in CONCRETE CUBE challenge for developing LIGHT WEIGHT HIGH strength concrete from Dept. of CIVIL.

2017-2018

vijayanagar vustav

Winner

Developed a efficient waste water treatment mechanism using corn waste and fly-ash .

Extra Curricular Activities

2020-2021 Team Head, publication committee HYDRO-2020, INTERNATIONAL CONFERENCE (HYDRAULICS, WATER RESOURCES AND COASTAL ENGINEERING)

I have led a team of X members for the HYDRO-2020, INTERNATIONAL CONFERENCE (HYDRAULICS, WATER RESOURCES AND COASTAL ENGINEERING) in NIT Rourkela, where I am Responsible for the coordination of production of conference content and serves as the point of contact for all explore submission-related inquiries before and after the conference.

2018-2019 Team Head, Program Chair
GWEST

I have led a team of X members for national level fest where I ensures that a well-balanced, high-quality program is organized and presented at the fest. Assists in the scheduling of session rooms and helping with local arrangements for the program.

2017-2019 Team Head, publication committee ETWREE

I have led a team of X members for the INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN WATER RESOURCES ENGINEERING where I am Responsible for the coordination of production of conference content and serves as the point of contact for all explore submission-related inquiries before and after the conference.

Carrer Objectives

To put all my skills so that the best is achieved out of worst in every field of life.

DECLARATION

I hereby declared that all the information mentioned above is true to the best of my knowledge.

Signature: P. LAKSHMANRAO

Date: 23/06/2021