B. KALYAN KUMAR

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Email: kalyanjordan111@gmail.com

Profile summary:

I Have knowledge in remote sensing and in creating GIS based solution to optimize, increase efficiency in various domain/service sector. Excellent in problem solving, communication and analytical skills. Orderly and focused researcher dedicated to innovative, dynamic and organized work.

EDUCATION:

M.Tech: Geoinformatics and surveying technology
University: Jawaharlal Nehru Technological University Hyderabad
Thesis: Constructing a 3D model scenario by using GMS (Groundwater Modeling System) to understand the aquifer geometry and its capacity for groundwater resource estimation.
Organization: National Remote Sensing Centre Hyderabad.
Department: Hydrogeology section, Geosciences group.
CGPA: 7.26

B.Tech: Civil engineering
College: Prasad Engineering College Jangaon
University: Jawaharlal Nehru Technological University Hyderabad
Thesis: Pavement construction by using polymeric waste materials.
Percentage: 62.63

Intermediate: MPC
College: Sri Chaitanya Junior College
Percentage: 64.6

High school:
Name: Atri Maharshi Gurukula Vidyalayam.
Percentage: 85

Academic skills:

- Remote sensing & GIS

- Global Navigation Satellite System

- Hydro-geological analysis and document expertise.

Software's:

- ArcGIS

- QGIS

- ERDAS

- Google Earth Pro

- GMS (Groundwater Modeling System software)

- Microsoft applications

Research Publications:

- "Recognition of Groundwater Potential Zones in Jangaon Mandal, Telangana State by Using Remote Sensing and Geographic Information System Techniques". International Research Journal of Modernization in Engineering Technology and Science. Volume:02/Issue:12/December -2020.
  https://irjmets.com/rootaccess/forms/uploads/IRJMETS770206.pdf

Extra academic activities:

- Participated in three days training program on Global Navigation Satellite System conducted by JNTUH.

- Participated in two weeks training program on Remote sensing and GIS, conducted by NESAC (North Eastern Application Centre) in virtual.
  Tittle of group project: Identification of potential sites for mulberry host plant cultivation using geospatial techniques.

- Attended one-week program on Satellite Meteorology conducted by NESAC (virtual)

- Participated in 21 QGIS training program, conducted by Central University of Karnataka.

- Elevation data processing in GIS; course in Udemy platform.

- Drone photogrammetric image processing course in Udemy (Ongoing)

Achievements:

- Qualified in GATE (The Graduate aptitude Test in Engineering) in 2017

- Achieved best poster award, received from A.S. Kiran Kumar, former ISRO chairman.

Personal skills:

- Creative spirit

- Reliable and professional Organized

- Time management

- Fast learner and Motivated

Additional information:

H.No: 4-8-28/1,
Dharmakancha,
Jangaon,
Telangana,
Pin: 506167.

Languages known:

Telugu, English and Hindi.

DECLARATION:

      I hereby declare that all the above details are correct to the best of my knowledge and I'm responsible for anything wrong.

(B. KALYAN KUMAR)