

## **KIRAN YARRAKULA**

Research Scholar

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## **Educational Qualifications**

<b>Course of Study [completion year]</b>	<b>University / Institute</b>	<b>Marks obtained/CGPA</b>
Ph.D in Mining Engineering (2011)	IIT Kharagpur	-
M. Tech. Environment Management [2006]	JNTU, Hyderabad	69 %
M. Sc. Physics [2000]	Nagarjuna University	61%
B.Sc. Maths, Physics, Chemistry [1998]	Nagarjuna University	55 %
Higher Secondary, 12 <sup>th</sup> [1994]	Board of Intermediate Education (A. P.)	65.2%
High School, 10 <sup>th</sup> [1992]	Board of Secondary Education (A. P.)	74%

## **Experience: 8 years**

### **Research and Academic:**

- ❖ August 2006 to June 30<sup>th</sup> 2010: **Senior Research Fellow (SRF)**, Department of Mining Engineering, **Indian Institute of Technology Kharagpur**, Kharagpur.
- ❖ August 2002 to July 2004: **Assistant professor, Vidya Bharathi Institute of Technology**, Jangaon, Andhra Pradesh.
- ❖ May 2000 to July 2002: **Associate Lecturer, Pratap Polytechnic**, Chirala, Andhra Pradesh.

## PUBLICATIONS

### Technical Papers published in Journals and Conferences

Title of Paper	Name of Journal	Date of Publication
Hydrodynamic Modeling of Subernarekha River and its Floodplain using Remote Sensing and GIS Techniques	Journal of scientific and industrial research	Vol. 69, July 2010, pp. 529-536
Comparative Evaluation of CARTOSAT-1 and SRTM Imageries for Digital Elevation Modeling	Journal of Indian Society of Remote Sensing	Under review
Regional Flood Frequency Analysis of Subernarekha River	Journal of Hydrological Processes	Under review
<b>Conference Proceedings</b>		
Flood frequency analysis of Subernarekha River	International Conference on Hydrology and Watershed Management, JNTU Hyderabad	February 3-6, 2010
Development of high resolution Digital Elevation Model (DEM) from CARTOSAT-1 imageries for water resources applications near mining sites	International Conference on Emerging Scenarios in Space Technology and Applications, Satyabhama University, Chennai	Nov 13 – 15, 2008
Land use land cover changes and NDVI changes around Uranium Mining Sites	Indo – Korean joint International Symposium on Geo-science & Technology, IIT Kharagpur	Feb 12 – 14, 2008
Principle Component Analysis (PCA) for the improvement of land use land cover classification	International conference on food security and environmental Sustainability, IIT Kharagpur,.	December 17-19, 2009
Applications of Remote Sensing and Geographical Information System (GIS) in Assimilation of Environmental Data	National Symposium on Environment, IIT Kanpur	May 13-15, 2010
Disaster Management using Remote Sensing and GIS	International Conference on Environmental management, J.N.T.U, Hyderabad	October 28 -30, 2005

### Membership of Engineering Institutions/ Societies

Name of Institution/ Society	Grade of Membership	Date of Election	Whether still a Member
The Indian Society for Technical Education	Life Member <b>LM- 48971</b>	2006	Yes
Indian Society of Remote Sensing	Annual Membership <b>C-3349</b>	30-7-2009	Yes

## Computer Skills:

- Tools : ENVI(4.1),  
ERDAS IMAGINE 9.1,  
LEICA PHOTOGRAMMETRIC SUITE (LPS),  
ARC GIS 9.1 (ARC INFO, ARC VIEW, ARC MAP),  
HEC-RAS (HYDRODYNAMIC MODELING),  
HEC – Geo RAS,  
HEC–SSP (STATISTICAL SOFTWARE PACKAGE)
- Operating Systems : Windows 98/2000 and Windows Vista

## Skills:

- Good Analytical & Quantitative Skills.
- Hardworking and Good team player.
- Commitment towards goal.
- Ability to learn.

## Name of Reference

1	2	3
Dr. Debasis Deb Associate Professor Mining Engineering Department IIT Kharagpur West Bengal, India – 721302 Email: <a href="mailto:ded.kgp@gmail.com">ded.kgp@gmail.com</a>  Ph. No: 03222-283724  Mobile No: 09434701966	Dr. Khanindra Pathak Professor Mining Engineering Department IIT Kharagpur West Bengal, India – 721302 Email: <a href="mailto:khanindra.p@gmail.com">khanindra.p@gmail.com</a> Ph. No: 03222- 283722 Mobile No: 09800877877	Dr. Biswajit Samanta Assistant Professor Mining Engineering Department IIT Kharagpur West Bengal, India – 721302 Email: <a href="mailto:bsamantab@gmail.com">bsamantab@gmail.com</a> Ph. No: 03222-281752 Mobile No: 09434154962

## Personal Information:

Name : **KIRAN YARRAKULA**  
Father Name : Venkateswarlu Y  
Date of Birth : March 25<sup>th</sup> 1977  
Sex : Male  
Marital Status : Married  
Nationality : Indian  
Languages Known : English, Hindi, and Telugu  
E-mail : [kiranyadavphysik@gmail.com](mailto:kiranyadavphysik@gmail.com)  
Mobile : (+91) 9932849487  
Permanent Address :

Village : Cherukuru, Bapatla (HPO)  
Parchoor (MD), Prakasam (DT)  
State : Andhra Pradesh  
Country : India  
ZIP/PIN : 522118  
Phone : 08594 240112

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge. I am also confident of my ability to work in a team.

**Place:** Kharagpur

(Kiran Yarrakula)

**Date:** 21-11-2011

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