

## Dr. A. D. PRASAD

### Education:

Degree	Specialisation	University	Division
Ph.D	Civil Engineering (Geomatics Engineering)	Indian Institute of Technology Roorkee, India	-
M.Tech	Industrial Pollution Control	National Institute of Technology Karnataka, India	First
B.E	Civil Engineering	Andhra University, India	First

### Technical skills:

<b>Programming Languages:</b>	C, C++, Visual Basic 6.0, C#, VB.NET, Arc Objects, Map Objects, Python.
<b>Database/Tools:</b>	MySQL, SQL Server 2008,
<b>Operating Systems:</b>	Windows 98/2000/NT/7/8.1, MS-DOS, Linux, Android
<b>GIS Desktop</b>	AutoCAD 3D Civil / Map, Trans CAD, Hydro CAD, Bentley - Micro station, In RAIL, In ROAD, ArcGIS10.1, Quantum GIS, Grass, ArcGIS Explorer, ILWIS, Surfer, HEC-RAS/HMS, WMS, Basins, GIS (R2V), etc..
<b>Remote Sensing:</b>	PCI Geomatica 2014, ENVI 5.1, Erdas Imagine 2014, IDRISI etc..
<b>ERP/ Business Analytics and Business Intelligence Software:</b>	SAP R/3 4.7/6.0 SAP-BW (3.0B),BI(7.0), SAP-SEM (3.1B),(6.0), SAP PP, SAP-APO, SAP-Retail, SAP-SEM includes BPS, CPM, BCS, BIC, SRM,SAP-EH&S, SAS 4.0
<b>Project control software:</b>	Primavera P6, Microsoft Project
<b>Other Software's:</b>	STAAD, 3D-Doctor, MATLAB, NI LabVIEW, MS-Office etc...

### Research Interests:

- **Energy / Renewable Energy**
- **GIS Applications**
- **Water Resources Engineering**
- **Environmental Engineering**
- **Image Processing / Medical Image Processing**

### Memberships:

- **IGS** – Life Member
- **ISRS** – Life Member

### Short Term Courses Attended:

- ✓ “Technical Paper Writing”, Organized by The Institute of Engineers, Roorkee, India, May 14-15, 2010.
- ✓ ECBC Training program on “Energy Conservation in Buildings”, Organised by CREDA – Raipur, India, Oct 13-14, 2015.
- ✓ UNESCO Regional Capacity Development Workshop on Ensuring Water Security in Changing Environment scenario, IIT-Bombay, Nov 26-27, 2015.

### Organising Conference / Workshop / Short Term Courses:

- ✓ “Uttarakhand State Science & Technology Congress – 2012” as Technical Session Head, Dehradun, Nov 21-23, 2012.
- ✓ “National Workshop on Water Resources in Developing Countries: Planning and Management” as Coordinator, National Institute of Technology, Raipur, Aug 27-28, 2015.

### Distinctions:

- ✓ Received MHRD fellowship during studies.
- ✓ Worked at a capacity of competency head of a multinational organization **with an award of “best and brightest”** among all employees around the world.
- ✓ Reviewer for SCI journals of **Elsevier, Springer** and **Inderscience** publishers.
- ✓ Has experience in IT industry as freelancing consultant with abroad work experience at client's places in USA, UK, UAE, Saudi Arabia, Malaysia, Qatar and South Africa.
- ✓ Having valid B1 visa for USA.

### **International Journal papers:-**

- ✓ Prasad AD, Jain K, Gairola A and R. Hernandez-Guzman (2013), Ranking of Pumped storage hydropower site for preliminary studies, IJEE, Vol 6-N0-1.
- ✓ Prasad AD, Jain K and Gairola A (2013), Surface Temperature Estimation using Landsat Data for part of the Godavari and Tapi Basins, India: A Case Study, IJEAT, Volume-2, Issue-3
- ✓ Prasad AD, Jain K and Gairola A (2013), Mapping of lineaments and knowledge base preparation using geomatics techniques for part of the Godavari and Tapi Basins, India: A case study; IJCA, Volume 70– No.9
- ✓ Prasad AD, Jain K and Gairola A (2013), Pumped Storage Hydropower Plants Environmental Impacts using Geomatics Techniques: An Overview , International Journal of Computer Applications 81(14):41-48
- ✓ Prasad AD, Jain K and Gairola (2012), A GIS for rural health in India, IJEE, Vol 5-N0-2.
- ✓ Fathian, F., Prasad, A.D., Dehghan, Z. and Eslamian, S. (2015) 'Influence of land use/land cover change on land surface temperature using RS and GIS techniques', Int. J. Hydrology Science and Technology, Vol. 5, No. 3, pp.195–207.

### **International Conference papers:-**

- ✓ A D Prasad, Scope of Integrated Farming Systems with Organic Agriculture and Geomatics Techniques in India, 4th World Conference on Applied Sciences, Engineering & Technology, 24-26 October 2015, Kumamoto University, Japan
- ✓ A D Prasad, Jain K and Gairola A, A review on hydropower, storage systems and site selection in the watershed as a part of natural resource management using geomatics techniques , NIRD, Hyderabad – Jan 2012.
- ✓ A D Prasad, Jain K and Gairola A GIS for rural health in India– World Conference on Applied Sciences and Engineering Technology (WCSET 2012) organized by BRCORP-Singapore, 17-19 August 2012 at Haailand-Theme Park, Vijayawada