

Two-Day National Workshop on  
**Role of Remote Sensing and GIS in  
Health Management  
(RSGHM-2018)**

**August 13-14, 2018**

In Commemoration of  
**NATIONAL REMOTE SENSING DAY-2018**

*Convener*

**Prof. P. Jagadeeswara Rao**

*Co-Convener*

**Prof. G. Jai Sankar**

*Sponsored by*

*Technical Education Quality  
Improvement Programme (Phase-III)*



**Organized by**

**Department of Geo-Engineering**

College of Engineering (A)

Andhra University

Visakhapatnam-530003

Andhra Pradesh

&

**Indian Society of Remote Sensing**

Visakhapatnam Chapter

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Chairman, BOS, Dept. of Geo-Engineering, AU  
& Chairman, ISRS-Visakhapatnam Chapter

**Co-Convener**

**Prof. G. Jai Sankar**

Head, Dept. of Geo-Engineering, AU  
& Vice-Chairman, ISRS-Visakhapatnam Chapter

**Organizing Secretary**

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& Secretary, ISRS-Visakhapatnam Chapter

**Organizing Joint-Secretaries**

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& Joint Secretary, ISRS-Visakhapatnam Chapter

**Dr. N. Victor Babu**

Head, Dept. of Civil Engineering, BITS  
& Treasurer, ISRS-Visakhapatnam Chapter

**Guest Speakers:**

1. Dr. Kutikuppala Surya Rao (Padmasree Awardee)
2. Prof. (Rtd) P. Rajendra Prasad, AU
3. Prof. P. Jagadeeswara Rao, AU
4. Dr. D. Mukunda Rao, GITAM
5. Dr. P. Padmaja Rani, VIMS
6. Sri. N. C. Gowtham, Hyderabad

**Important Dates:**

Submission of Registration form: **09-08-2018**

Intimation to selected candidates: **10-08-2018**

**Registrations:**

Interested participants are requested to submit the registration form before 09-08-2018 through E-Mail ([rsghm2018@gmail.com](mailto:rsghm2018@gmail.com)) or by post. Selected participants will be intimated through E-mail or mobile phone.

*All Correspondence should be addressed to*

**Prof. P. Jagadeeswara Rao,**

Convener, RSGHM-2018,

Dept. of Geo-Engineering,

College of Engineering (A), Andhra University,

Visakhapatnam-530003

**About Workshop**

India is one of the richest countries in terms of knowledge and culture. Recently, India has become a medical tourist country, because it is excelling in the field of medicine. There is a saying in Indian culture "Health is wealth". There are several saints who have codified several herbs and other native materials have very good curative properties. Charaka the father of Indian medicine, in his treatise mentioned several native herbs have very good curative properties. Unfortunately, this age-old practice is vanished in the emerging modern allopathic medicine. India is famous for Ayurveda, Yoga etc., The advent of Remote Sensing and GIS has changed the medical field in identifying the spatial distribution of diseases and causative parameters and introduced telemedicine. We are in the modern industrial era which altered physical environment and our lifestyles as well. This resulted in new diseases, which are rampant amidst modern technology. India became a Diabetic country besides hypertension, AIDS, etc. GIS is powerful software which handles spatial information for effective management. Now-a-days, it is a major helping tool for disease monitoring and management. In view of this, the Department of Geo-Engineering, Andhra University and Indian Society of Remote Sensing Chapter, Visakhapatnam is celebrating Remote Sensing Day by conducting a two-day workshop on Role of Remote Sensing and GIS in Health Management (RSGHM-2018).

**About Andhra University**

Andhra University, established in 1926, with its sprawling campus overlooking the Bay of Bengal in Visakhapatnam, is one of the reputed academic institutions in India, offering 200 different courses in Arts, Commerce, Management, Science & Technology, Engineering, Law, Pharmacy and Education through its five constituent colleges, catering to the educational needs of the five coastal districts of the State of Andhra Pradesh, besides hundreds of students from other parts of India and abroad.

## REGISTRATION FORM

(copies of this form can be used for submission)

### About College of Engineering (A)

The College of Engineering, one of the five campus colleges, is a jewel in the crown of Andhra University consisting of 11 Engineering and 4 Basic Sciences departments, offering 17 Under-Graduate Engineering day-time programmes and 4 UG Engineering part-time programmes; 35 Post-Graduate Engineering programmes, 1 MCA and 3 M.Sc. programmes in various departments. All the departments a real so running Ph.D. programmes indifferent fields of research. Accredited with very high ranking by NAAC and NBA, it has several Centres of Excellence in various specialized fields of research. These include International Center for Bioinformatics, Advanced Center for Nano Technology, Center for Biotechnology and Center for Phase Equilibrium Thermodynamics, Center for Energy Systems, Center for Condition monitoring & Vibration Diagnostics, Centre for Research on Off-Shore Structures and Center for Remote Sensing and Information Systems. The College of Engineering has been conferred autonomous status by UGC, and receives substantial funding through World Bank aided TEQIP.

### Department of Geo-Engineering and Centre for Remote Sensing

The Department of Geo-Engineering and Centre for Remote Sensing is an inter-disciplinary Department, involving in research in resource evaluation, disaster management, etc. using the modern geospatial technologies. The Department runs M.Tech. course in Remote Sensing, M.Tech. course in Geo-Engineering and a 4-year B.Tech. course in Geo-informatics Engineering.

### About Visakhapatnam

According to history, the city was named after the god of Velor-Visakha. It was a part of the Kalinga Kindom, under Ashoka's rule in 260B.C. Visakhapatnam is a coastal city, popularly called "The jewel of the East Coast" and "City of Destiny" is in the state of Andhra Pradesh. It is located on the East Coast with beautiful beaches and hill ranges is a major tourist destination. There are a number of tourist places such as Simhachalam temple, Kailasagiri Hills, Submarine Museum, Dolphin's nose, Ramakrishna Beach, Ross Hill, Bheemunipatnam, ErraMattiDibbalu, ArakuHills, Borra Caves, etc.

### About Indian Society of Remote Sensing

Indian Society of Remote Sensing (ISRS) was established in 1969 as "Indian Society of Photo-interpretation" with the main objective of advancement and dissemination of remote sensing technology and education by conjunctive use of remote sensing with conventional methods in the fields of survey, planning and management of natural resources and environment by organising seminars/ symposia and by publishing journal, bulletins, proceedings, etc. From its modest beginning with 56 members, the Society has grown into a premier professional body with a membership of around 5000, including both individual and Institutional members. The Journal of the Society, JISRS, a bimonthly publication, is the only journal in the country exclusively dealing with remote sensing technology and its applications.

### About Indian Society of Remote Sensing-Visakhapatnam Chapter

The Indian Society of Remote Sensing is an apex body taking care to disseminate knowledge on Remote Sensing to the user communities. Under the aegis, the Visakhapatnam Chapter has been established in the year 2017 with a life member strength of 45 and student strength around 25. The chapter is organizing various events like conferences, workshops, mock drills, blood donation camps, guest lecturers and 3k-run for the benefit of public and student community in association with AU.

### Themes of the Workshop

1. Application of GIS in Public Health
2. Mobile Technologies and GIS to improve the health care system
3. Spatial Analytics for Urban Health
4. Rural Health and Emergency management
5. Telemedicine
6. Vector borne diseases

Name:

Designation :

Organization:

Address for Correspondence:

Mobile No:

E-Mail:

Registration category:

(College/University Teacher/State/Central Govt. Official/Research Scholar)

Place:

Date:

(Signature of the Applicant)

### Sponsorship Certificate:

Certified that is a regular employee/research scholar of our institution since and is here by sponsored to attend the "Remote Sensing in water resources evaluation and sustainable management at the Department of Geo-Engineering, AU College of Engineering(A), Visakhapatnam from 13-14 August,2018.

Place:

Date:

Signature of  
Head of the institution