

SHORT TERM COURSE: FOSS4G 2019

Date: 22 August– 25 August 2019 ★ Venue:– Computer lab, Department of Civil Engineering, Alva's Institute of Engineering & Technology,

Time Date	8.30 – 10 a.m.		10.30 – 1 p.m.		1.45 – 4.00 p.m.		4.30 – 6.30/7.00 p.m.
22 Aug 2019	Registration 8:30 am Inauguration	TEA	Applications of GIS and RS (case study) GIS Introduction: Real World to GIS Data modeling - T. V. Ramachandra	LUNCH	Hands on Session – Vector data, Raster data, Attribute data, Google Earth, QGIS, Theory – Interactive session Bharath S, Vinay S	TEA	GIS: QGIS, Theory – Interactive session S. Bharath, Vinay S, Karthik Naik, Vinayaka Bhatta, Karthik H R, Durga
23 Aug 2019	Maps and Map Projections Global Positioning System Karthik Naik, Vinayaka Bhatta		Introduction to Remote Sensing, TVR		QGIS <i>Hands on</i> contd. S. Bharath, Vinay S, Karthik H R, Karthik Naik, Vinayaka Bhatta, Durga		Field data collection – GPS Vishnu, Sreekanth, Gayatri Naik
24 Aug 2019	<i>GRASS Hands on training</i> S.Vinay, S. Bharath		Digital Images and Digital Image Processing TVR		GRASS Hands on training S.Vinay, S. Bharath, Karthik Naik, Vinayaka Bhatta		GRASS – Image processing S. Bharath, Vinay S, Karthik Naik, Vinayaka Bhatta
25 Aug 2019	GRASS Hands on training S.Vinay, S. Bharath		Case studies: Karthik Naik, Vinayaka Bhatta, Durga Prasad Meena, Gayatri Naik, Vishnu, Sreekanth		Geoinformatics for regional planning (Case study) - TVR		Case Study Concluding session @ 6 pm

Note: Please bring (i) Computer - Laptop (with 4 GB RAM, 100 GB Hard disk space) with a **MOUSE** for hands on sessions – mouse is essential for creating vector data; (ii) umbrella (Moodvbidri is likely to get monsoon rain), (iii) essential medicine (if required),

Course Coordinator: Dr. **T.V. Ramachandra**, Energy & Wetlands Research Group, Centre for Ecological Sciences, **Indian Institute of Science**, Bangalore – 560012 (Phone: 080-22933099 / 22393503, extn 107), tvr@iisc.ac.in; emram.ces@courses.iisc.ac.in

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PLEASE NOTE: NO CELL PHONES IN THE CLASSROOM: NO SMOKING IN THE CAMPUS