The Jamal
Jamal Mohamed College (Autonomous), Tiruchirappalli, established in the year 1951, is an edifice for higher learning and a standing testimony to the wisdom and foresight of late Janab N. M. Khajamian Rowther & Hajee M. Jamal Mohamed Sahib. The College has been serving as a beacon of light emphasizing teaching, learning and research programmes in different disciplines for the benefit of downtrodden and socially backward students of the society in general and Muslim minority in particular. Jamal Mohamed College is reckoned as one of the leading educational Institutions in India with excellent infrastructure, diversified courses, competent faculty members and very promising students. The College has been accredited (2nd Cycle) with A Grade (CGPA 3.6 out of 4.0) by NAAC and recognized as College with Potential for Excellence by UGC. The College has been serving to the Society and the Nation for more than half a Century.

Organizing Committee
Chief Patrons
Janab. M. J. Jamal Mohamed Bilal, President
Janab. Dr. A. K. Khaja Nazeemudeen, D. Litt (USA)
Secretary & Correspondent
Hajee. K. A. Khaleel Ahamed, Treasurer
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Mr. K. N. Mohamed Fazil,
Director, Hostel Administration
Mr. M. A. Jamal Mohamed Yaseen Zubair
Director, Hostel Administration

Convenor
Dr. S. Mohamed Salique
Principal, Jamal Mohamed College

Organizers
Dr. A. Khaleel Ahamed
Associate Professor, Department of Botany
Coordinator,
UGC Innovative Programme on Biodiversity Informatics

Dr. M. Ghouse Basha
Associate Professor, Department of Botany,
Deputy Coordinator,
UGC Innovative Programme on Biodiversity Informatics
The Workshop
This hands on training programme aims to impart knowledge on the application of Free and Open Source Software (FOSS) such as Quantum GIS (QGIS) and Geographical Resources Analysis Support System (GRASS) for handling Vector and Raster Datasets for Bioresources applications. The participants will get exposed to the concepts of Satellite Remote Sensing, Geoinformatics, GPS and FOSS. The participants will get hands on experiences on

- Download and Installation of QGIS and GRASS
- Importing Maps, Georectification, digitization, attributing, symbol setting, and data integration
- Spatial Queries, Buffer analysis
- Raster-Vector conversion
- Geodatabase creation
- Generating Species distribution map
- Map Visualization

Level of Participants
Students undergoing Master’s Degree or fresh graduates/researchers in branches of Physical science, Chemical science, Life science, Earth science and Computer Sciences. Those who wish to understand the preliminary level of GIS concepts and their fundamental applications on Bioresources only need to apply.

Duration, Methodology and Venue
Two days, Lectures, practical demonstration and hands-on training at Centre for Biodiversity Informatics, Jamal Mohamed College, Tiruchirappalli.

Number of Participants
Limited to 20-25 first come first serve basis. Selection based on background of participants.

Accommodation
Accommodation may be arranged only on request with due payment.

Training Personnel
Dr. B. Balaguru
Assistant Professor of Biodiversity Informatics

Mr. A. Abdul Kadhar
GIS analyst, Atkins, Bangalore

Important Dates
Last date of submission of registration form: 6th Dec. 2014
Intimation of selection list: 9th Dec. 2014
Last date for payment of Registration fee: 15th Dec. 2014

Hands on Training in Mapping Bioresources with FOSS GIS Software

Registration Form

1. Name: Dr./Mr./Ms __________________________
2. Age: __________________________
3. Sex: Male/ Female __________________________
4. Designation: __________________________
5. Institution/Organization: __________________________
6. Address for Communication: __________________________

PIN: __________________________ Email: __________________________
7. Mobile No.: __________________________ Email: __________________________
8. Accommodation Required: Yes / No __________________________
9. Payment Details:
   Name of Bank: __________________________ Date: __________________________
   Demand draft No.: __________________________ Date: __________________________
   Amount Rs. __________________________
10. Motivation for attending training (2 lines)

Date: __________________________ Signature of Participant __________________________

For Information Contact
Dr. A. Khaleel Ahamed
Associate Professor, Department of Botany
Coordinator, UGC Innovative Programme on Biodiversity Informatics
Jamal Mohamed College (Autonomous)
Tiruchirappalli 620 020, Tamil Nadu, India
Mobile Number: +91 94430 85561, +91 94438 91653, +91 9437 71087
khaleeljm@gmail.com; www.jmc.edu

Registration
Register your name by email at khaleeljm@gmail.com with filled in registration form as an attached file. Selected candidates on intimation by email/phone should send the hard copy of the registration form with a fee of Rs. 500/- (Non-refundable) vide demand draft in favour of “The Coordinator, CBDI” payable at Tiruchirappalli by speed post. Registration fee includes the cost of workshop kit and working lunch.
Hands on Training in Mapping Bioresources with FOSS GIS Software

**Registration Form**

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