

## 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.

## Centre for Biodiversity Informatics (CBDI)

Centre for Biodiversity Informatics (CBDI) was established with a vision to become acclaimed knowledge base for biodiversity information providing essential services and delivering benefits for people and to develop human resources to understand, acquire, integrate and analyse biodiversity data for effective management and conservation. CBDI is offering a Post Graduate Diploma programme on Biodiversity Informatics supported by University Grants Commission, Government of India under Innovative Programme.

## 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

**Hajee M. J. Jamal Mohamed**, Assistant Secretary

### Patrons

**Dr. K. Abdus Samad**, Director (MBA) & Bursar (SF)

**Mr. K. N. Abdul Kadar Nihal**,

Director (SF) & Registrar of Attendance (SF)

**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

# HANDS ON TRAINING IN MAPPING BIORESOURCES WITH FOSS GIS SOFTWARE



**19<sup>th</sup> and 20<sup>th</sup> December 2014**



Since 1951

**Organized by**

**Centre for Biodiversity Informatics  
Department of Botany  
Jamal Mohamed College (Autonomous)**

**College with Potential for Excellence**

**(Accredited with 'A' Grade by NAAC - CGPA 3.6 out of 4.0)**

**Tiruchirappalli 620 020. Tamil Nadu, India**



## 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

## Registration

Register your name by email at [khaleeljmc@gmail.com](mailto:khaleeljmc@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.

## 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	6 <sup>th</sup> Dec. 2014
Intimation of selection list	9 <sup>th</sup> Dec. 2014
Last date for payment of Registration fee	15 <sup>th</sup> 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: \_\_\_\_\_
7. Mobile No.: \_\_\_\_\_ Email: \_\_\_\_\_
8. Accommodation Required : Yes / No
9. Payment Details:  
Name of Bank : \_\_\_\_\_  
Demand draft No. : \_\_\_\_\_ .Date: \_\_\_\_\_  
Amount Rs. \_\_\_\_\_
10. Motivation for attending training ( 2lines)

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  
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[khaleeljmc@gmail.com](mailto:khaleeljmc@gmail.com); [www.jmc.edu](http://www.jmc.edu)

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