

## Chief Patron

**Dr. Paul Dhinakaran**  
The Chancellor, Karunya University

## Patron

**Dr. Paul P. Appasamy**  
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**Dr. Anne Mary Fernandez**  
The Registrar, Karunya University

## Chairman

**Dr. M. Patrick Gomez**  
Director & Senior Professor,  
School of Biotechnology and Health Sciences,  
Karunya University

## Convener

**Dr. J. Jannet Vennilla,**  
Head, Department of Bioinformatics,  
Karunya University

## Co - Convener

**Ms. R. Mohana Priya,**  
Assistant Professor, Department of Bioinformatics,  
Karunya University

## Organizing secretary

**Mr. Sachidanand Singh,**  
Lecturer, Department of Bioinformatics,  
Karunya University

## Joint - Organizing secretary

**Mr. Atul Kumar**  
Lecturer, Department of Bioinformatics,  
Karunya University

## Members

**Dr. K. Panneerselvam,** Professor  
**Dr. Rajiv Kant,** Professor  
**Dr. E. Rajasekaran,** Associate Professor  
**Dr. S. Arul Mugilan,** Associate Professor  
**Dr. D. J. Sundara Sharmila,** Associate Professor  
**Dr. Md. Afroz Alam,** Assistant Professor (SG)  
**Dr. Muthu Kumar,** Assistant Professor (SG)  
**Mr. D. Premnath,** Assistant Professor  
**Mr. A. N. Kaarthik,** Assistant Professor  
**Ms. S. Jency,** Assistant Professor

The applicants are requested to send their resume and field of research to [aoaiib@gmail.com](mailto:aoaiib@gmail.com) by 10<sup>th</sup> November, 2011. The confirmation regarding their participation will be sent by 15<sup>th</sup> November 2011. After the confirmation mail the participants are requested to send the registration fee by 25<sup>th</sup> November, 2011

## REGISTRATION FEE:

The registration fee for the Workshop is applicable to all the participants. It includes admission to the technical sessions, lunch and refreshments.

Post graduates/Students : Rs. 500/-

Research Scholars/ Faculties : Rs. 700/-

Demand Draft should be drawn in favor of "*The Registrar, Karunya University*" payable at *Coimbatore* and should be sent to The Organizing Secretary.

## TRAVEL & ACCOMMODATION:

Participants are requested to make their own travel arrangements. Registered participants will be provided accommodation on request in the University Guest house and Annexure. The participants have to meet the expenses towards boarding and lodging. The typical tariff rates in the University Guest House/Annexure is as follows

	Rates Rs. per day		
	AC	Non AC	Non AC Family
University Guest House	Rs. 1000.00 (Double)	Rs. 800.00 (Double)	Rs. 1000.00 (Four Occupants)
University Annexure (Non AC)	Rs. 300.00 (Double)	Rs. 100.00 (Extra Bed)	

## Address for Communication:

**Mr. Sachidanand Singh,**  
The Organizing Secretary,  
Department of Bioinformatics,  
School of Biotechnology & Health Sciences  
Karunya University, Karunya Nagar  
Coimbatore - 641114, TN  
E-mail: [aoaiib@gmail.com](mailto:aoaiib@gmail.com)  
Mobile: +919047654981, +919488523540  
Website: [www.karunya.edu/bioinformatics/aoaiib.pdf](http://www.karunya.edu/bioinformatics/aoaiib.pdf)



(Karunya Institute of Technology & Sciences)  
(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)



## National Workshop

On

## "Application of Artificial Intelligence in Bioinformatics"

[A<sup>2</sup>IB '11]

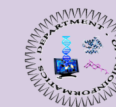
30<sup>th</sup> November - 2<sup>nd</sup> December, 2011

Sponsored by



Council of Scientific and Industrial Research

Organized By



DEPARTMENT OF BIOINFORMATICS  
School of Biotechnology and Health Sciences  
Karunya University, Coimbatore — 641114

National Workshop on  
“Application of Artificial Intelligence in Bioinformatics”

[A<sup>2</sup>IB '11]

30<sup>th</sup> November - 2<sup>nd</sup> December, 2011

**Registration Form**

Name: .....

Designation:.....

Department:.....

Address for Communication:.....

.....

.....

City:.....Pin code:.....

Tel. No. .... Mobile:.....

E-mail:.....

Age: ..... Sex: M/F

Category: Scientist/Faculty/ Student/ Research  
Scholar

Accommodation Required: Yes/No

If yes, Accommodation type: Guest House/  
Annexure

Date and Time of arrival: .....

Date and Time of departure: .....

Payment Details:

Name of the Bank:

Amount:

Demand Draft No.:

Date:

Signature & Seal

(Head of Institution)

Demand Draft (DD) should be drawn in favor of  
“The Registrar, Karunya University” from any  
Nationalized bank payable at Coimbatore and mailed  
to the Organizing Secretary (Address Overleaf).

*Note: Last date for registration is November 25<sup>th</sup>, 2011.  
Accommodation charges can be paid in the Guest  
house/Registration desk.*

.....Photocopies of this form are acceptable.....

The Department of Bioinformatics, Karunya University, Coimbatore, Tamil Nadu cordially invites you to participate in the National Workshop on “Application of Artificial Intelligence in Bioinformatics” during 30<sup>th</sup> November - 02<sup>nd</sup> December 2011. The National level workshop is organized to focus on the recent developments in various thrust areas of Mathematical Modeling and Computational Biology. The workshop includes invited lectures by eminent scientists and hands-on-training with experimental data.

**Karunya University**

Karunya University imparts holistic education with a balanced blend of academic excellence, personality development, values and humanism. Nestled in the foothills of Siruvani, the ambience around Karunya University is almost a camouflage to the enormous wealth of knowledge, innovation and technology that lies within. Founded in 1986 with the mission to impart technical skills, on par with global standards, to the youth of India, it has gone on to become a full fledged University with modern amenities and state of the art infrastructure. The University has several undergraduate, post graduate and doctoral programs covering various disciplines of Engineering and Sciences.

**The Department of Bioinformatics**

The Department of Bioinformatics was started in the year 2005 and offers undergraduate, postgraduate, M.Phil and PhD programs to cater to the needs of the research community and the society at the Local, National and International levels. The Department has a well equipped research lab with commercial software like Schrodinger, GCG, Discovery Studio & MATLAB.

The venue of the workshop is Karunya University along Siruvani Main road, 30 Km from the Coimbatore city and 40 Km from the Coimbatore Airport. The venue enjoys a cool weather during February and temperature ranges from 20-25°C.

**Topics**

The proposed workshop intends to provide an arena for PG students, research scholars and faculty in discussing the following topics as well as provide hands-on training in:

- Computational analysis of biological data
- Cloud Computing
- Artificial intelligence, machine learning, and heuristic methods
- Prediction of protein structure
- Support Vector Machine
- Application of fuzzy logic in medicine
- Computational tools for gene regulation
- Knowledge discovery in biological domains

**Important Dates:**

Last date for registration is 25<sup>th</sup> November, 2011. (The number of participants is limited to 50).

**List of Speakers:**

**Dr. P. Gautham**

Anna University, Chennai  
Bioinformatics IBM Expert  
Bangalore

**Dr. N. Jeya Kumar**

Bharathiar university, Coimbatore  
**Dr. D. Jeya Sundara Sharmilla**  
Karunya University, Coimbatore

**Dr. Sameer Hassan**

Tuberculosis Research Center (ICMR), Chennai

**Dr. Md. Afroz Alam**

Karunya University, Coimbatore  
**Mrs. J. Emi Retna**  
Karunya University, Coimbatore

**Mr. Atul Nag**

Sambalpur University, Institute of Information Technology, Orissa

**Mr. A. N. Kaarthik**

Karunya University, Coimbatore  
**Mr. Atul Kumar**

Karunya University, Coimbatore

**Mr. Sachidanand Singh**

Karunya University, Coimbatore