

No Registration Fee
(on or before 15th February)

Late / Spot Registration : 100/-

Send the filled up registration form to :

Dr. D. Sini
Convenor,
National Seminar on Bioinformatics,
Department of Bio Sciences,
Sree Narayana College of Technology,
Kollam - 691 010

Participation certificates will be
issued to all participants who
attend the programme in full

PATRONS

Prof. K. Sasikumar (President,
Sree Narayana Educational Society)

Sri. D. Prasannan (Secretary,
Sree Narayana Educational Society)

Sri. M.L. Anidharan (Treasurer,
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ORGANISING COMMITTEE

Prof. P.N. Muraleedharan (Principal)

Prof. N. Aravindakshan

Dr. S. Jose (Principal,
Sree Narayana Institute of Technology)

Dr. K. R. Chithra (Head,
Department of Bio Sciences)

Smt. S. Seetha

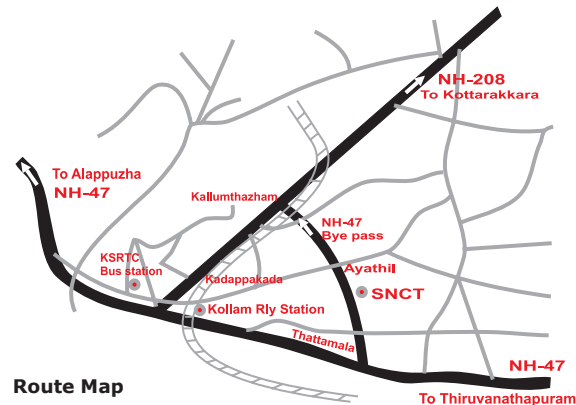
Sri. Robi Surendran

Smt. Silpa Sasankan

Dr. D. Sini (Convenor)

Address for correspondence:

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NATIONAL SEMINAR ON HUMAN RESOURCES DEVELOPMENT IN BIOINFORMATICS : CHALLENGES AND PROSPECTS

21st February 2006

Sponsored by
**DEPARTMENT OF
BIOTECHNOLOGY
MINISTRY OF SCIENCE
& TECHNOLOGY,
NEW DELHI.**



Organised by
Department of Bio Sciences,
Sree Narayana College of Technology,
Vadakkevila P.O, Kollam - 691 010,
Kerala.
(Affiliated to University of Kerala)

SREE NARAYANA COLLEGE OF TECHNOLOGY

The Sree Narayana Educational Society entered into the educational field by establishing Sree Narayana Public School at Kollam during 1987. The school was able to carve out a special place of pride in educational activities and a large number of students got the opportunity to scale heights of glory and achievements through the school, within a few years.

It is with this unique background the Sree Narayana Educational Society has decided to step into the field of higher education. Owing to the realistic approach of the State Government, the Sree Narayana College of Technology was launched in the year 2003, with two under graduate courses, B.Sc (Biotechnology) and B.Com(Computer Application).

THE DEPARTMENT OF BIOSCIENCES

The department has well equipped Tissue Culture, Biotechnology, Bio Chemistry & Botany laboratories and a library with around 1500 books and a number of National / International journals.

The department offers B.Sc degree course in Bio Technology from 2003 onwards. The college is planning to introduce a post graduate programme in Bioinformatics from the next academic year.

BIOINFORMATICS

Bioinformatics is the application of computational and analytical methods to problems in molecular biology. It employs the tools of Computer Science and Information Technology for developing databases and algorithms to organise and analyze genetic information.

In the last 50 years, the pool of publicly available biological data has grown exponentially. Genome projects for many different organisms are producing vast amounts of sequence data. This high volume of data has necessitated electronic databses to store, organize, and index it. In addition, the databases need specialized tools for scientists to see and analyze the available information, as well as to submit new or revised sequence data.

Artificial intelligence, data mining, and knowledge representation can provide key solutions to the challenges presented by biological data. These approaches require powerful and sophisticated computational tools to provide efficient solutions to very complex problems. Exciting opportunities are emerging for integrating molecular biology components of bioinformatics with computational, physiological, taxonomic, and ecological components.

SEMINAR OBJECTIVES

- To provide an overview about Bio informatics
- To analyse the manpower requirements in the industry today
- To assess the future requirements of the Bioinformatics industry
- To provide a platform to discuss the human resourses requirements in the field of Bio informatics .

Inaugural Address

Dr. V. Jayaprakas

Pro-Vice Chancellor, University of Kerala.

Invited Lectures by

Dr. K. Karunagaran

Co-ordinator, Bioinformatics Centre,
Rajiv Gandhi Centre for Biotechnology,
Thiruvananthapuram.

Dr. Achuthsankar S. Nair

Hon. Director, Centre for Bioinformatics,
University of Kerala.

Dr. K. Mani

Reader, Department of Plant Biology and Plant
Biotechnology, PSG College of Arts & Science,
Coimbatore.

Prof. Ignatius Kunjumon

Head, Department of MCA, Sree Narayana Guru
Institute of Science & Technology. N. Parur.

Dr. S. Sreekumar

Scientist, Centre for Bioinformatics,
TBGRI, Thiruvananthapuram.

Prof. T. Mahalekshmi

Asst. Professor, Sree Narayana
Institute of Technology, Kollam.

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21st February 2006

DEPARTMENT OF BIOSCIENCES
SREE NARAYANA COLLEGE OF TECHNOLOGY
VADAKKEVILA, KOLLAM - 691010

Registration Form

Name

Faculty Dept

Student Class

College

Address

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Phone No. (with STD code)

.....

e-mail :

Date: Signature



* Photocopy of the form may also be used.