

UGC Sponsored National Seminar on  
**RECENT TRENDS IN WETLAND POLLUTION STUDIES  
USING BIO-MONITORING PROTOCOL**

Venue : NSS College, Pandalam, Pathanamthitta, Kerala  
Website: www.nssclegepandalam.ac.in

**Organising committee**

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*Secretary, N.S.S. College's Central Committee*

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*Principal, N.S.S. College, Pandalam*

Vice Chairman : **Dr. V. Radhakrishnan**  
*Associate Professor & Head of the Department (Zoology)*

Organising Secretary : **Dr. M.G. Sanal Kumar**  
*Assistant Professor*

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*Associate professor*  
**Dr. S. Nandakumar**  
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**Dr. Adhira M. Nayar**  
*Assistant professor*  
**Dr. K.M. Rajasree**  
*Lecturer*

**Research Scholars**

Jayalekshmy V.  
Vaisakh S.  
Bini B.  
Badhusa M.  
Praveena M.

**For Details and Enquiry:**

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**PROGRAMME**

**Day 1: 22.02.2016 Venue 1 (Auditorium)**

10 AM -11.15 AM : **INAUGURATION**  
**Prayer**  
**Acharya Anusmaranam**  
Welcome : **Dr. V. Radhakrishnan**  
Associate Professor and Head, PG and Research  
Dept. of Zoology, NSS College, Pandalam

Presidential Address : **Dr. D. Gopimohan**  
Principal, NSS College, Pandalam

Inaugural Address : **Prof. R. Prasanna Kumar**  
Secretary, NSS Colleges' Central Committee

Chief Guest : **Dr. P. Harinarayanan**  
Scientist E1 & Co-ordinator WTU.  
Kerala State Council for Science, Technology and  
Environment, Sasthrabhavan, Pattom, TVM

Felicitation : **Prof. p. Harikrishna**, Former Senate Member,  
University of Kerala  
**Dr. B. Gopakumar**, Secretary, College Council  
**Dr. B. Ramesh Kumar**, Secretary, PTA

Vote of Thanks : **Dr. K.B. Jagadeesh**  
Associate Professor, PG & Research  
Department of Zoology, NSS College, Pandalam

11.15 AM - 11.30 AM: **Tea Break**

11.30 AM – 01.00 PM: **KEYNOTE ADDRESS**  
**'Wetland degradation with special reference to Ethiopian lakes'**  
**Prof. P. Natarajan**  
Professor of Environment Sciences &  
Director, Centre for Aquaculture training  
Education/ Extension and Research (CATER)  
Ambo University, Ethiopia, East Africa

01.00 PM – 01.45 PM **Lunch Break**

01.45 PM – 02.45 PM: **TECHNICAL SESSION - I**  
**'Biodegradation of pesticides: Role of Cyanobacteria'**  
**Dr. A. Sabu**  
Associate professor, Department of Biotechnology  
and Microbiology, School of Life sciences,  
Kannur University.

02.45 PM - 03.00 PM : **Tea Break**

03.00 PM – 04.00 PM: **TECHNICAL SESSION – II**  
**'Bioindicator crustaceans in Aquatic environment'**  
**Dr. K.R. Sasidharan**  
Scientist E, Division of Biodiversity,  
Institute of Forest Genetics & Tree Breeding,  
Coimbatore

**DAY 1: 22.02.2016 Venue 2**  
01.45 PM – 02.45 PM: **PARALLEL SESSION – I**  
Paper presentations

02.45 PM - 03.00 PM : **Tea Break**

03.00 PM – 04.00 PM: **PARALLEL SESSION – II**  
Paper presentations

**Day 2: 23.02.2016 Venue 1**

10 AM -11.00 AM : **TECHNICAL SESSION – III**  
**'Indicators of Sewage pollution'**  
**Dr. Shifa valarmathy**  
Associate Professor, Department of Animal Science,  
M. S. University, Thirunelveli

11.00 AM - 11.15 AM : **Tea Break**

11.15 AM - 12.30 PM : **TECHNICAL SESSION – IV**  
**'E-DNA for biomonitoring'**  
**Dr. A. Bijukumar**  
Associate Professor & Head, Department of Aquatic  
Biology and Fisheries, University of Kerala

12.30 PM – 01.30 PM : **Lunch Break**

01.30 PM – 02.30 PM : **TECHNICAL SESSION - V**  
**'Aquatic macrophytes: A potential tool for Environmental cleanup'**  
**Dr. A. K. Abdu Salam**  
Associate professor, Department of Post graduate studies  
and Research in Botany, Sir Syed College, Taliparambu, Kannur

02.30 PM - 02.45 PM : **Tea Break**

02.45 PM – 03.45 PM : **TECHNICAL SESSION – VI**  
**'Aquatic macro invertebrates as pollution indicators'**  
**Dr. M.R. Rajan**  
Professor, Department of Biosciences,  
Gandhigram Rural University, Dindigal

**DAY 2: 23.02.2016 Venue 2**  
01.30 PM – 02.30 PM : **PARALLEL SESSION – III**  
Paper presentations

02.30 PM – 02.45 PM : **Tea Break**

02.45 PM – 03.45 PM : **PARALLEL SESSION – IV**  
Paper presentations

**Day 3: 24.02.2016 Venue 1**  
10 AM -11.00 AM : **TECHNICAL SESSION – VII**  
**'Flora and Fauna of Wetlands'**  
**Dr. G. Prasad**  
Head & Associate Professor, Department of Zoology,  
University of Kerala, Kariavattom

11.00 AM - 11.15 AM : **Tea Break**

11.15 AM – 01.00 PM : **Venue 1 VALEDICTORY FUNCTION**  
Welcome : **Dr. V. Radhakrishnan**  
Associate Professor and Head, PG and  
Research Dept. of Zoology, NSS College, Pandalam

Presidential Address : **Dr. D. Gopimohan**  
Principal, NSS College, Pandalam

Inaugural Address : **Dr. G. Jagadeesh Chandran**  
Assistant Secretary, NSS Colleges' Central Committee

Seminar Reporting : **Dr. M.G. Sanal Kumar**  
Organizing Secretary, National Seminar

Felicitations : **Prof. P. B. Anil**  
Head, Dept. of Political Science  
**Dr. Vijayakumar**, Staff Club Secretary

Vote of Thanks : **Sri. Vinod P.**, Asst. Profess-or, Dept. of Zoology

**National Anthem**



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**February 22-24  
2016**



**Postgraduate and Research Department of Zoology  
N.S.S. COLLEGE, PANDALAM, PATHANAMTHITTA,  
KERALA - 689501**



**KERALA STATE COUNCIL FOR  
SCIENCE, TECHNOLOGY AND ENVIRONMENT**