

**CONVENOR**

**Prof. Manoharachary**  
INSA Honorary Scientist  
Bangalore

**COORDINATOR**

**Dr P Vijaya Nirmala**  
Head, Depts of Aquaculture,  
Bio-technology,  
Bio-chemistry & Zoology  
Adikavi Nannaya University

**KEY NOTE SPEAKER**

**Prof. Manoharachary**  
INSA Honorary Scientist  
Bangalore

**GUEST SPEAKERS**

**Prof. K. Muralidar**  
Dept. of Animal Biology, School of  
life Sciences, University of Hyderabad

**Prof. P. Kavi Kishore**  
Dept. of Genetics, Osmania  
University, Hyderabad

**Prof. V. Rajaramamohanrao**  
INSA Honorary Scientist  
Hyderabad

**REGISTRATION  
FORM**

**Science Academies' Lecture Workshop**  
**On**  
**“Biological Diversity and**  
**Biotechnology for Sustainable**  
**Environment”**  
18<sup>th</sup> – 19<sup>th</sup> December, 2018

Workshop is sponsored by the Three Academies with the number of participants restricted to 150. Hence registrations would be as first-come first-served.

Name :

Designation :

Institution :

Contact Details:

E-mail ID :

Mobile No. :

E-mail to the Coordinator:  
[Vijaya.nirmala3@gmail.com](mailto:Vijaya.nirmala3@gmail.com)

Mobile no: 9441140857

Signature of the participant  
(Xerox copy of the registration form may be used)



**Science Academies' Lecture**  
**Workshop**  
**On**  
**Biological Diversity and**  
**Biotechnology for Sustainable**  
**Environment**



18<sup>th</sup> – 19<sup>th</sup>, December, 2018

**DEPARTMENTS OF LIFE-SCIENCES**

**ADIKAVI NANNAYA UNIVERSITY**  
RAJAH RAJAH NARENDRA NAGAR  
RAJAHMAHENDRAVARAM – 533296  
ANDHRA PRADESH

## ABOUT UNIVERSITY

Adikavi Nannaya University was established by an Act of AP Legislature(Act 28) in April,2006 at Rajamahendravaram, E.G. District. The motto of the University is Sarvatra Vidyaya Vardhate Praja, highlights the role of Universal education. It is the largest university with 440 affiliated colleges. It offers the students a wide range of academic courses and provides an opportunity for research, extracurricular activities and independent study and public service.

Adikavi Nannaya University has a vision of achieving excellence by designing and initiating novel and relevant courses/ programs to the needs of Godavari Districts. The PG courses offered by the university are, English, Telugu, Political Science, Psychology, Social Work, Commerce, Economics, MBA, MHRM, B.Ed, M.Ed,MPed; Biochemistry, Biotechnology, Botany, Aquaculture, Zoology, Physics, Applied Mathematics, Mathematics, Computer Science, Analytical Chemistry, Organic Chemistry, Geology, Applied Geology, MCA, BTech, MTech.

## DEPARTMENT OF LIFE SCIENCES

Ever since its inception in 2006, the Department of Life Science had been growing by the day. With well qualified and experienced Faculty, the challenges of establishing the Department for fully equipped Laboratories have been efficiently surmounted. The faculty members are experts in their respective fields of research, evidenced through their high quality research publications in reputed National and International journals.

The Department has conducted Two Workshops earlier and envisions: to procure funding through Research Projects; collaborative curriculum for students; and establishing a state of the art Biological field works.

## ABOUT THE WORKSHOP

The workshop aims to bring together Fellows of National Academies, Eminent Scientists, Research Scholars and Students, on to a common platform, to share their knowledge, expertise, ideas and experiences to enthuse the young minds.

It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted for sustainable environment through application of biotechnological tools in view of biodiversity

The participants of the program will collaborate to identify and tackle some of the most important theoretical and research challenges encountered in their respective fields of study

To identify strategies required for sustainable environment with special reference to East and West Godavari Districts that are very rich in biodiversity

To explore and identify career opportunities in the field of life sciences, with specific reference to Biodiversity, application of biotechnological tools for sustainable environment

To update life science faculty on latest developments in biotechnology applications in the outdoor.

## PROGRAM SCHEDULE

### Day I- 18.12.2018

Spot Registrations : 09:00 am – 09:30 am

Inaugural : 09:30 am – 10:30 am

Tea break : 10:30 am-10:45am

Work shop Sessions : 10:45 onwards

Lunch Break : 1:00 pm

Post Lunch Sessions : 02:00 pm onwards

Tea Break : 03:30 pm

Post Tea Session : 03:45 pm

### Day II- 19.12.2018

Morning Session : 09:30 am

Tea Break : 11:00 am – 11:15 am

Post Tea Session: 11:15 – 12:30 pm

Lunch Break: 12:30 pm

Post Lunch Session: 01:30 pm

Tea Break : 02:45 – 03:00 pm

Post Tea Session : 03:00 pm

Valedictory : 04:30 pm

### Registration free

On First come first served basis

**A report on National Academies Lecture Workshop(18-19 December 2018) organized**  
**by Department of Life and Health Sciences, Adikavi Nannaya University,**  
**Rajamahendravaram, AP**

A two-day workshop sponsored entitled “Biological Diversity and Biotechnology for Sustainable Environment” by Science Academies’ was organized by Life Sciences department, Adikavi Nannaya University during 18<sup>th</sup> and 19<sup>th</sup> December 2018. The workshop hosts scientific talks by eminent scientists from National reputed Institutes. Prof. Manoharachary who is a fellow of National Academy of Sciences (NASI) and a Platinum Jubilee Fellow delivered a valuable lecture on implications for biological research and the role of microbes for human welfare. Later, DR. Polavarapu Kavi Kishore has delivered a talk on applications of proteomics in agriculture and medicine, in addition, Dr Kishor has delivered another lecture on utilization of microarray technologies in unravelling functions of genes. On the second day, Dr. VR Rao an elected fellow of National Academy of Agricultural Sciences (NAAS) has given a talk on greenhouse gases – threats, impacts and concerns to crop production and also another valuable talk on impact of microbes on soil-plant and environment in rice production systems. Subsequently, Prof. Muralidhar who is a distinguished Biologist of our country and Jawarharlal Nehru Chair and a Honorary Professor of University of Hyderabad (UoH, Hyderabad) has given an excellent talk on new biology required for twentieth first century Science education and also delivered an informative lecture on reproductive biotechnologies for humans for sustainable population growth problems. The workshop was attended by students from department of biotechnology and also students and scholars from other departments including biochemistry, zoology and aquaculture. The students have become aware of latest developments in the field of biology and participated in the discussions with eminent scientist. The workshop sessions have really encouraged to participate and interact with the panel of experts and learnt about various opportunities existing in the biological research. The workshop was a very much useful platform for both students and young researchers to share valuable ideas in the biological research.