



**Karpagam Academy of Higher Education**

**Department of Biotechnology**

**Science Academies Lecture Workshop on “Recent Trends in Microbiology and  
Biotechnology”**

**27<sup>th</sup> & 28<sup>th</sup> June, 2018**

**Workshop Report**

**The Co-ordinator : Dr.A.Sangilimuthu, Assistant Professor, KAHE,  
Coimbatore.**

**The Convenor : Dr.D.J.Bagyaraj, Honorary Scientist, Bengaluru.**

**Sponsored by**

**IASc-INSa-NASi Joint Science Education Panel**



## **Programme Report**

### **Karpagam Academy of Higher Education**

#### **Department of Biotechnology**

#### **Science Academies Lecture Workshop on “Recent Trends in Microbiology and Biotechnology”**

**27<sup>th</sup> & 28<sup>th</sup> June, 2018**

Indian Academy of Sciences (IAS), Bengaluru founded in 1934 by Sir C.V.Raman, aim at promoting the progress and upholding the cause of science in pure and applied branches. Its major activities include publication of scientific journals, special volumes and recognition of scientific talents. As part of the science education programmes, the Indian Academy of Science, Bangalore in association with Indian National Science Academy (INSA), New Delhi and Indian National Academy of Sciences (INAS), Allahabad organizes various programmes for the improvement of science education in the Universities and colleges throughout the country.

IASc-INSA-NASI, Joint Science Education Panel sponsored Science academies Lecture Workshop on “Recent Trends in Microbiology and Biotechnology” successfully conducted by the Department of Biotechnology, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu, India on 27<sup>th</sup> & 28<sup>th</sup> June, 2018 for UG, PG in Botany / Zoology / Microbiology / Biochemistry / Biotechnology / Bioinformatics degree students and research scholars from various institutions in and around Coimbatore.

#### **Day 1 (27<sup>th</sup> June, 2018)**

The delegates **Dr.D.J.Bagyaraj**, Honorary Scientist, Bengaluru and Convener of this lecture workshop, **Prof. K. R. Shivanna**, INSA Honorary Scientist, Bengaluru, **Dr. N.O. Gopal** Professor, Department of Agri Microbiology, TNAU, Coimbatore and **Dr Harinikumar K.M**, Dept. of Biotechnology, University of Agricultural Science, Bengaluru have invited and received by **Dr. S. Sudalaimuthu**, Vice-chancellor Karpagam Academy of Higher Education welcomed by our students to the Lecture hall.

The Science Academies Lecture Workshop on “Recent Trends in Microbiology and Biotechnology” started with prayer song with the Blessings of Almighty God and financial support of IASc-INSa-NASI, Joint Science Education Panel and ever encouraging and support of our Chairman **Dr. R. Vasanthakumar**, Karpagam Educational Institutions. The programme initiated by lighting of lamp by programme Convener **Dr.D.J.Bagyaraj**, Honorary Scientist, Bengaluru followed by **Dr. M.Palaniswamy**, Dean, Faculty of Arts and Science and Humanities, Karpagam Academy of Higher Education, Coimbatore.



#### Inaugural and Welcome address given by Dr. A. Sangilimuthu and Dr. M. Palaniswamy

The welcome address rendered by **Dr. A.Sangilimuthu**, Assistant Professor, Department of Biotechnology, Karpagam Academy of higher Education, Coimbatore and inaugural address was delivered by our beloved Dean, FASH **Dr. M.Palaniswamy**, Karpagam Academy of Higher Education, Coimbatore followed the programme high lights and Science Academies’ various events for the improvements of the society in science especially for the students and faculty members elaborately given by the programme Convener **Dr.D.J.Bagyaraj** followed the sessions started as per the schedule.



Honoring the chief guest



Participants of the event

## Programme schedule

<b>27<sup>th</sup> June, 2018 (Wednesday)</b>		
<b>DURATION</b>	<b>SPEAKER</b>	<b>TITLE</b>
10.15-11.15 am	<b>Prof. D. J. Bagyaraj</b> NASI Sr. Scientist & Chairman, CNBRCD, Bengaluru.	AM Fungi and Interaction with Other Soil Organisms
<b>TEA BREAK</b>		
11.30-12.45 pm	<b>Dr. N.O. Gopal</b> Professor, Department of Agri Microbiology, TNAU, Coimbatore	Recent advances in plant microbe interaction
<b>LUNCH BREAK</b>		
1.45-3.00 pm	<b>Dr. N.O. Gopal</b> Professor, Department of Agri Microbiology, TNAU, Coimbatore	Recent trends in Biological Nitrogen Fixation
<b>TEA BREAK</b>		
3.15-4.30 pm	<b>Prof. K.R.Shivanna</b> Odekar Farms, Nandihalli, Tumkur, Karnataka	"Global pollination crisis": Implications for sustenance of crop productivity
<b>28<sup>th</sup> June, 2018 (Thursday)</b>		
9.30-11.00 am	<b>Prof. K. R. Shivanna</b> Odekar Farms, Nandihalli, Tumkur, Karnataka	Wild relatives of cultivated species as important bioresources for genes needed for crop improvement
<b>TEA BREAK</b>		
11.15-12.30 pm	<b>Dr Harinikumar K.M</b> Dept. of Biotechnology University of Agricultural Sciences, Bengaluru 500065	Biofuels
<b>LUNCH BREAK</b>		
1.30- 2.45 pm	<b>Dr Harinikumar K.M</b> Dept. of Biotechnology University of Agricultural Sciences, Bengaluru. 500065	Microbial Biotechnology
<b>TEA BREAK</b>		
3.00-4.00 pm	<b>Prof. D. J. Bagyaraj</b> NASI Sr. Scientist & Chairman, CNBRCD, Bengaluru.	Microbes - a promising source for human medicine

Totally 175 participants were participated in two days Science Academies' Lecture Workshop on **“Recent Trends in Microbiology and Biotechnology”** from various institutions in and around Coimbatore. The two days lecture workshop was concluded about the all sessions and remarkable activities were constrained by the programme Convener **Dr. DJ.Bagyaraj**. He also advised the students to make the best use of the opportunities available in the Science Academies' and appreciated the efforts of the organizers for the successful conduct of the workshop followed **Dr. A. Sangilimuthu**, Assistant Professor and Coordinator of this Lecture Workshop has expressed thanks to the three Science Academies for their financial support and encouragement for organizing the above lecture workshop. He gratefully acknowledged **Dr. C S Ravi Kumar**, Coordinator, Science Education Panel, Indian Academy of Sciences, Bangalore for prompt and immediate response to sanction the budget for organizing the lecture workshop on “Recent Trends in Microbiology and Biotechnology”. He also thanks the university Management for their encouragement and support for organizing the above lecture workshop. He thanked all the resource persons for coming over to Karpagam Academy of Higher Education, Coimbatore and delivering the lectures in the workshop. All the participants from in and around Coimbatore were acknowledged for their active participation in the Science Academies' lecture workshop.

\*\*\*\*\*