

Mahajana Education Society (R)

SBRR Mahajana First Grade College (Autonomous)

Affiliated to University of Mysore

Re-Accredited by NAAC with 'A' Grade, College with Potential for Excellence

Post Graduate Wing

Pooja Bhagavat Memorial Mahajana Education Centre

K R S Road, Metagalli, Mysuru – 570 016

Department Activity Report 1

- **Title of the Event: One day Symposium on “Gut Microbiota and Human Health” dated on 27-5-2022**
- **Name of the venue: Life Science Auditorium**
- Details of the department organizing the event in collaboration with institution:
Department of Studies in Microbiology, Pooja Bhagavat Memorial Mahajana Education Centre K R S Road, Metagalli, Mysuru.
- **Purpose and scope of the event:** The human host's digestive tract has a symbiotic relationship with the gut microbiota, which influences the immune system's defenses against pathogens/infectious illnesses. This gives people the knowledge which is essential to lead healthy lives and appreciate the necessity of having beneficial organisms in the body to increase metabolism.
- Details of the talk/event/activity:
 - Department of Studies in Microbiology, School of Life science, PG Wing of SBRR Mahajana College, organized one day Symposia on “**Gut Microbiota and Human Health**” which focused on highlighting human health and the effect of nutritional aspects.
 - The symposia were open for students of Life sciences (Biochemistry, Biotechnology and Microbiology) and approximately 120 students were in attendance. During the first half of the symposia followed by the inauguration there were two technical sessions given by renowned scientists.

- Firstly by **Dr. T.N. Bhavani Shankar**, Director, Schevaran Innovation Centre, Mysuru on “**Infant gut microbiota and its effects in later life**” and Secondly by **Dr. Prakash Halami**, Chief Scientist, Professor –AcSIR & Head, Microbiology & Fermentation Technology Department, CSIR- CFTRI, Mysuru on “**Gut microbiota modulation by probiotics: CSIR – CFTRI Initiatives**”.
 - Post-lunch, nearly 24 teams of students participated in poster presentation competition based on the Symposium theme and were judged by three judges *viz.*, Dr. T.N.Bhavani Shankar, Dr. Prakash Halami and Dr. Arun Chand, Quality Head from Zeus Biotech Company, Mysuru. Three prizes were given to the winners. First prize was banded by Sumanth vasudev H.S. and Pooja S.R. from Biochemistry Department, Second prize by Ruchika Ajay from Biotechnology Department and third prize by Chinthan P Gowda and Chethan Kumar S from Microbiology Department.
 - Finally, the Symposium was concluded by holding panel discussion, where students had the opportunity to discuss on the technical sessions held and exchange the information.
- **A brief profile of the Resource person:** 1. **Dr. T.N.Bhavani Shankar** has completed Master of Science in Biochemistry and Doctoral degree in Central Food Technological Research Institute (CFTRI). He was a member of Standing Technical Committee, State Excise Dept. Govt of Karnataka in 2014. Presently a Director Of Schevaran Innovation Centre which is the Leading innovative R&D company on developing cleaning and hygiene chemicals using biomolecules and phytochemicals. Dr.Shankar has nearly 150 research article publications in his credits and received several awards for his research.
- 2.**Dr. Prakash Halami** has completed Master of Science in Molecular cell biology and Biotechnology from National Centre for Plant Biotechnology, PUSA Institute, IARI; New Delhi, Doctorate in Biotechnology from the University of Mysore. He also received advance training in Biotechnology from Kobe University, Japan; did part of Doctoral degree research at the University of Frankfurt, Germany & Post-doctoral research in USA at the University of Minnesota, as a Raman Research fellow. Currently working as Senior Principal Scientist & Professor-AcSIR Department of Microbiology and Fermentation Technology CSIR- Central Food Technological Research Institute, Mysore. Dr. Halami

has published more than 100 Research articles under reputed national/international journals along with four Indian patent files in his credits.

- No. of Participants/beneficiaries:**120**

Signature of the Event co-coordinator

Signature of the Principal

Gallery Section



Dignitaries on the dias, from left Prof. S.R. Ramesh, Dr. T.N. Bhavanishankar, Dr. Prakash Halami and Dr. C.K. Renukarya



Technical session 1: By Dr. T.N. Bhavanishankar on “Infant gut microbiota and its effects in later life”



**Technical session 2: By Dr. Prakash Halami on “Gut microbiota modulation by probiotics:
CSIR – CFTRI Initiatives”**