

### Theme of the seminar

Advancement in research in biological sciences and technology have contributed to remarkable increase in food production, health management and environment conservation since the mid-twentieth century. The aim of this seminar is to develop scientific and technical skill in microbiology to young researchers for translational research from lab to land and to hand of human. At the same time food and health are desperately needed from biological advancement of technology to health of man. Sound knowledge on the microbiome and its role in agriculture and biomedical research is key to understand and combat researchers scientists and farmers of agriculture as stake holders. The potential applications of Microbial products such as biomaterial and biomolecules in agriculture and medicine seem boundless. But progress will require advances in basic understanding of microbial interactions with environment coupled to practical attention to the process of translating the discoveries from the lab to land.

By considering this objective, the Department of Botany and Microbiology is Organizing a Seminar to introduce the Molecular modular technology in the fields of **Molecular Biology, Nanotechnology, Biomaterials , Biocontrol agents, Biotechnology.**

The Seminar theme is aptly titled as “Recent Advances in Agriculture and Biomedical Research (RABR-2020)” in order to enlighten the young researchers to achieve the goal of real translational research for the security of global food and livelihood. The seminar will be focused to introduce students the field of research and researchers to develop futuristic research trends in relevance to India.

### Sub themes:

- Advances in Plant Sciences
- Advances in Microbiology
- Biodiversity conservation
- Food and Agriculture
- Challenges in Health and Agriculture.
- Biomaterials and Bioactive compounds
- Nanotechnology for environment health
- Disease management in plants, animals and Human
- Challenges in health management of environment

**Date of the Event: 6 & 7 March, 2020**

### Venue:

Prof. L. Venugopal Reddy Seminar Hall at H. Deichmann Auditorium in Acharya Nagarjuna University campus.

### Submission of Abstracts/papers

Participants are requested to send the abstracts (within the limit of 250-300words) on or before **25th February 2020** and full paper **29<sup>th</sup> February, 2020** to the following

Email: [2020raabr@gmail.com](mailto:2020raabr@gmail.com)

### Organizing Committee:

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Vice-Chancellor (FAC),  
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**RAABR-2020**

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UGC Sponsored

**National Seminar**

On

**Recent Advances in Agriculture and  
Biomedical Research (RAABR-2020)**

**6-7 March 2020**



#### Seminar Director

**Dr. A. Amrutha Valli**

**Organized by**

**Department of Botany and Microbiology**

*(UGC-SAP, DST- FIST RECOGNISED)*

**ACHARYA NAGARJUNA**

**UNIVERSITY**

*(Accredited NAAC 'A')*

**Nagarjuna Nagar – 522 510**

**Guntur, A.P.**

**Young scientist Award:** Three young scientist awards (25-35yrs) to best research papers scrutinized by experts

**Review Process:** Limited empirical research papers free from plagiarism will be published in ISSN journal.

**Registration Fee**

Faculty and Professionals Rs 1000/-  
Research Scholar Rs.500/-  
Student Rs. 200 /-

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**About the Department**

The strong foundation for the department in terms of its strength in teaching and research were laid down by former professors Viz., Prof. A.S. Rao, Prof. P.N. Rao, Prof. P.R. Mohan Rao, Prof. N. Lakshmi, Prof. D. Santha Kumari, Prof. T.N. Mary, Prof. K.V. Mallaiah, Prof. Z. Vishnuvardhan and Prof. M. VijayaLakshmi. The legacy of the department has been kept up through recruitment of highly qualified staff, succession of successful Heads of the department with efficient administrative activities and research scholars and students of outstanding quality. Botany as well as Microbiology being the essential branches of life sciences, offers bright opportunities for the students of M. Sc. Botany and M. Sc. Microbiology as well as the Research Scholars perusing M. Phil. and Ph.D. Degrees. Several research projects funded by CSIR, UGC, DNES, APSEB, ICAR, DAE, BSI, DBT and DST have been successfully completed by the faculty and several projects are ongoing in the department. Our department was strengthened with UGC NON-SAP, SAP & DST -FIST. Department has been engaged with advanced research in contemporary fields with research scholars funded with UGC SAP BSR ,DST Inspire, GATE, UGC-NET and ICAR and received national and international awards from different scientific forums. Nearly hundred microbial cultures of actinomycetes bacteria and fungi of agriculture importance and biomedical importance and herbal garden with 300 varieties of medicinal plants have been maintained in the department to serve the needs of researchers.

## Registration Form

Title	Prof. / Dr / Mr / Ms / Mrs.		
Full Name			
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Address :			
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