



## Y.A. GOVERNMENT DEGREE COLLEGE FOR WOMEN

Affiliated to Acharya Nagarjuna University, Guntur  
Accredited by NAAC with 'B' Grade  
Chirala, Prakasam District, A.P



Department of Microbiology cordially  
invites to a

**ONE DAY NATIONAL WEBINAR**

On

**ADVANCES IN BIOLOGICAL RESEARCH**

8<sup>th</sup> February 2022

10:30am to 1:00pm

**Keynote Speaker**

*From the Beginning, there have been many challenges confronted in the field of biology, as we progressed in the 21<sup>st</sup> century. The increased research activities in various fields of biology, help us to understand from the working mechanism of Biological processes to manipulation of the Biological systems. The extensive study in the field of Advanced Sciences brought up various innovations, which eased to overcome the challenges. In view of the Extensive research activities in Biology, a national seminar on "Advances in Biological Research" is being organized to disseminate knowledge and to exchange breakthrough ideas relating to the Biological Sciences.*

Full form of Research/Review articles are invited from the interested Biologists from the following areas on or before february 28, 2022 :

1. Bio diversity
2. Ethano botany & phyto chemical studies
3. Microbial Biotechnology
4. Animal Biotechnology
5. Plant Biotechnology
6. Molecular Biology & Biochemistry

All the received articles will be published in the book with ISBN number.

[click here to join](#)



Mail id for sending research articles:  
**"gdcchiralamicrobiology@gmail.com"**

Registration Fee : Rs. 1000/- per publication



**Dr. A. AMRUTHA VALLI**

Associate Professor&Head of the Department ,  
Department of Botany & Microbiology ,  
Acharya Nagarjuna University.

**Speakers**

**Dr.Savitha Janakiraman**

Professor,Department of Microbiology,  
Bangalore University.



**Dr. Ranjith Kumavath**

Assistant Professor,  
Department of Genomic Science,  
Central University of Kerala.

**Convenor**



**Dr. Ch. Ramanamma**

**Principal**

Y.A. Govt. Degree College for Women,  
Chirala

**Organising Secretary**



**Smt. P. Sudharani**

Y.A. Govt. Degree College for Women,  
Chirala

Contact no: 6301096643

[Click Here for Registration](#)



Free Registration  
"e-Certificate" will be provided.



**Y. A. GOVT. DEGREE COLLEGE FOR WOMEN, CHIRALA,  
Prakasam Dist., A.P.**



**National Webinar on  
“Advances in Biological Sciences”  
On 8<sup>th</sup> February, 2022**

**Webinar Schedule:**

10.30am - 10.40am : Inauguration & Opening Remarks: Dr. Ch. Ramanamma

10.40am - 11.30am : Key note addressing by **Dr.A.Amruthavalli**.

11.30am-12.15pm : Talk by **Dr.Savitha Janakiraman** on

*“Fungi : Are they potential source of single cell oil ?”*

12.15pm - 1.00pm : Talk by **Dr.Ranjith Kumavath** on

*“MetaGen (Omics) for Bioprospecting and Drug Discovery  
from Soil microbiome”*

1.00 pm : Vote of thanks: Mrs. P.SudhaRani.

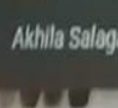





Principal  
Y. A. Govt. Degree College for Women  
CHIRALA - 523 155, Prakasam Dt. (A.P.)

**Convener & Principal  
(Dr. Ch.RAMANAMMA)**

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Microtubules - to identify endophytes

- **Culturing**
  - isolate & identify key endophyte fungi
- **DGGE**
  - DNA profile comparisons
    - endophyte fungi and bacteria
  - DNA sequence to identify bands (microbes)



Akhila Salagala has left the meeting

aruna patchala	Amrutha Valli	Alekya Alekya
sai bharathi	pavani mannem	Dr S SHAMSHAD
Gudipalli Ven...	47 others	You

11:47 | wdt-zocd-zyx

Meeting controls: Mute, Video Off, Hand Raise, Chat, More, End Meeting

Activate Windows  
Go to Settings to activate Windows

Windows taskbar: Search, Task View, File Explorer, Edge, Chrome, Zoom, System tray (29°C, 11:47 AM, 2/8/2022)



**Y.A. Government Degree College for Women, Chirala**  
**Prakasam Dist., Andhra Pradesh, India**

Accredited with "B" Grade by NAAC  
Affiliated to Acharya Nagarjuna University

**CERTIFICATE**  
**OF APPRECIATION**



This Certificate is Proudly Presented to

**Dr. SAVITHA JANAKIRAMAN**

Professor, Department of Microbiology,  
Bangalore University.

*for her Participation & Speaker Lectures in one day National  
webinar on 8<sup>th</sup> February, 2022. Organised by Department of Microbiology*

*We extend our regards to her,  
for the service rendered to the academics.*

*P. Sudha Kani*

**P Sudharani**  
(Webinar)  
Organising Secretary,  
Lecturer in Microbiology.

A handwritten signature in blue ink, appearing to read 'Ch. Ramanamma'.

**Dr. Ch. Ramanamma**  
Principal & Convenor

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**CERTIFICATE  
OF PARTICIPTION**

THIS CERTIFICATE IS PRESENTED TO

*Pydi SudhaRani*

has participated in the National Webinar on  
**"ADVANCES IN BIOLOGICAL RESEARCH"**  
on 8<sup>th</sup> February, 2022 Organized by Department of Microbiology.

*P. Sudha Rani*

**P. Sudharani**  
Organising Secretary,  
Lecturer in Microbiology

**Dr.Ch.Ramanamma**  
Principal & Convenor



# Y.A. Government College for Women Chirala - 523155, A.P.

Re-accredited with 'B' grade by NAAC(Cyc-2)

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Dr. Ch.Ramanamma  
Principal

M.Sc., M.Phil., Ph.D.

## DEPARTMENT OF MICROBIOLOGY

### REPORT ON WEBINAR - "ADVANCES IN BIOLOGICAL RESEARCH"

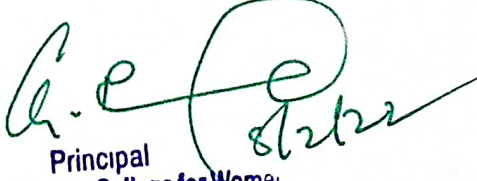
Department of Microbiology conducted a National Webinar on "Advances in Biological Research" on 08.02.2022. The webinar is aimed to understand new methodologies in research and to create interest among the students. Smt. Dr.Ch.Ramanamma, Principal, Y.A. Govt. Degree College (w), Chirala, gave opening remarks about the webinar. Smt. P.Sudharani, Lecturer in Microbiology presided over the meeting. The Webinar was conducted according to the schedule. Three eminent persons Dr.A.Amruthavalli, Associate Professor, Acharya Nagarjuna University, Dr. Ranjith Kumavath, Asst. Professor, Central University of Kerala, Dr.Savitha Janaki Raman, Professor, Bangalore University are the resource persons.

Dr.A. Amruthavalli explained about Plant Endophytes and its advantages. She also explained about the current research aspects about endophytes. On the other hand, Dr.Ranjith Kumavath spoke about "MetaGen (Omics) for Bioprospecting and Drug Discovery from Soil microbiome".

Dr.Savitha Janaki Raman has explained about "Fungi : Are they potential source of single cell oil ?" and the characteristics of the Fungi.

Faculty members, students from other colleges were also enthusiastically involved in the programme and learned the various advanced techniques in research. The programme is concluded with a vote of thanks by the webinar organizer.



  
Principal  
Y.A. Govt. Degree College for Women  
CHIRALA, Praksam Dist., (A.P.)