

**DEPARTMENT OF MICROBIOLOGY**  
**GOVT. COLLEGE FOR WOMEN (A), GUNTUR**  
**ACTIVITIES CONDUCTED IN ACADEMIC YEAR 2017-18**

S. No.	Month	Week	Date	Activity	Concerned Lecturer	Evidences
1	April	3	19-04-17	One day workshop on Pedagogy at ANU Organized by AP CCE	Dr. K. Sucharita	Certificate
2		3	20-04-17	Attended BoS meeting held at SRR & CVR Govt. College as Subject expert	Dr. K. Sucharita	Attendance certificate
3		4	25-04-17 to 10-05-17	<b>STUDENT INTERNSHIP at Tulasi Seeds Pvt Ltd, Ameenabad, Guntur</b> <b>On “<i>Estimation Of Bt Gene And Bt Protein In Tulasi Cotton Hybrid Seeds By ELISA And PCR Screening</i>”</b>	<b>All</b>	<b>Linkage certificate &amp; Project work report</b>
4	May	4	28-05-17	Video lecture Presentation at Andhra Loyola College as part of Pedagogy Programme conducted by AP CCE under Rusa	Dr. K. Sucharita N. Praveena Kumari	<b>Certificate</b>
5	June	3	19-06-17	Departmental Review	All	Register
6	July	1	01-07-17	Vanamahotsavam Conducted by Govt of AP at Obularayudi Palem, Guntur (Dt)	All	Photo
7		2		Bridge course	All	Dept. Register
8		4	25-07-17	Attended BoS meeting in Microbiology at ANU as Subject Expert	Dr. K. Sucharita & N. Praveena kumari	Certificate
9			28-07-17	Class room quiz DNA Replication	Dr. K. Sucharita	II BSc B1 & B2
10			28-07-17	<b>In view of World Hepatitis Day Poster Presentation Competition was conducted by Dept Of Microbiology &amp; Biotechnology</b>	<b>All</b>	<b>Photo</b>
11	Augus	1	31-07-17	Faculty development programme on new	Dr. K. Sucharita	Certificate

	t		To 02-07-17	market oriented Restrctured Courses Three day residential Programme on Organic farming, Seed Technology & Horticulture under RUSA academic reforms conducted by APHRDI, Bapatla		
12		2	08-08-17 to 11-08-17	Internal assessment for I, III & V semester	All	College schedule
13		4	<b>23-08-17 &amp; 24-08-17</b>	<b>Presented a Session On Isolation of DNA from Bacteria In a Workshop conducted on Molecularbiology Techniques to Biology teachers.</b>  <b>Presented a Session On Sterilization Techniques In a Workshop conducted on Molecularbiology Techniques to Biology teachers.</b>	Dr. K. Sucharita  N. Praveena Kumari	<b>Photo</b>
14	Septe mber	1	01-09-17	National Seminar on Social Responsibility and ethics in Higher Education	N. Praveena Kumari & M.Lakshmi Himabindhu	Certificate
15			<b>07-09-17 &amp; 08-09-17</b>	<b>Attended and presented a paper at National Seminar on Technological Challenges for Probiotics held at Andhra Loyola College, Vijayawada, AP</b>	<b>All</b>	<b>Certificate</b>
16		2	11-09-17	Student seminar on Hershey Chase experiment	Dr. K. Sucharita	K. Sandhya Rani, II B2
17			12-09-17	Peer teaching on Gram staining technique	Dr. K. Sucharita	M. Neelanjana, II BSc B1
18			12-09-17	Student seminar on Wobble hypothesis	Dr. K. Sucharita	K. Vandana II BSc B2
19		3	15-09-17	Student Seminar on Gneral Characters of Archaea	Dr. K. Sucharita	Gayathri I BSc B2
20		2	19-09-17 To	Internal Assessment-2 for I & III semester students	All	College schedule

			22-09-17			
21		4	25-09-17	Attended BoS meeting in Microbiology at ANU as Subject Expert	N. Praveena Kumari & Dr. K. Sucharita	Certificate
22		1	02-11-17	Participated in a district level workshop on Subject Clusters for VI Semester	All	Certificate
23	October	2	11-10-17	Presented a Guest lecture on rDNA Technology to II&III BSc Microbiology students at SRR&CVR Govt College, Vijayawada	Dr. K. Sucharita	Attendance Certificate
24			11-10-17 to 14-10-17	Participated in DBT sponsored Workshop on “The STEM Teacher training Programme on Research based Pedagogical Tools” at sacred Heart College, Kochi, Kerala.	M. Lakshmi Himabindhu	Certificate
25		3	17-10-17	Workshop on Virtual Classes Organized by AP CCE at ANU	Dr. K. Sucharita	Attendance Certificate
26			17-10-17	One day workshop on Mental health in the work place, GCW (A), Guntur	N. Praveena Kumari M. Lakshmi Himabindhu	Certificate
27		4		Semester end examinations for III & V semester students	All	College Schedule
28			20-10-17	A lecture given on “General characters of Algae” by Mrs. D. Uma, Dept of Botany under Samishti programme	Dr. K. Sucharita	Photo
29		4		Practical examinations for I semester students	All	College schedule
30	November	1	02-11-17	Participated in District level Workshop on Subject Clusters for Semester V	All	Attendance Certificate
31		2	07-11-17 & 08-11-17	External Examiner to practical exams to III & V Semester Students	Dr. K. Sucharita	Certificate
32		3	17-11-17	Guest lectures given on topics “Sterilization and culture media” and “	N. Praveena Kumari	Photos

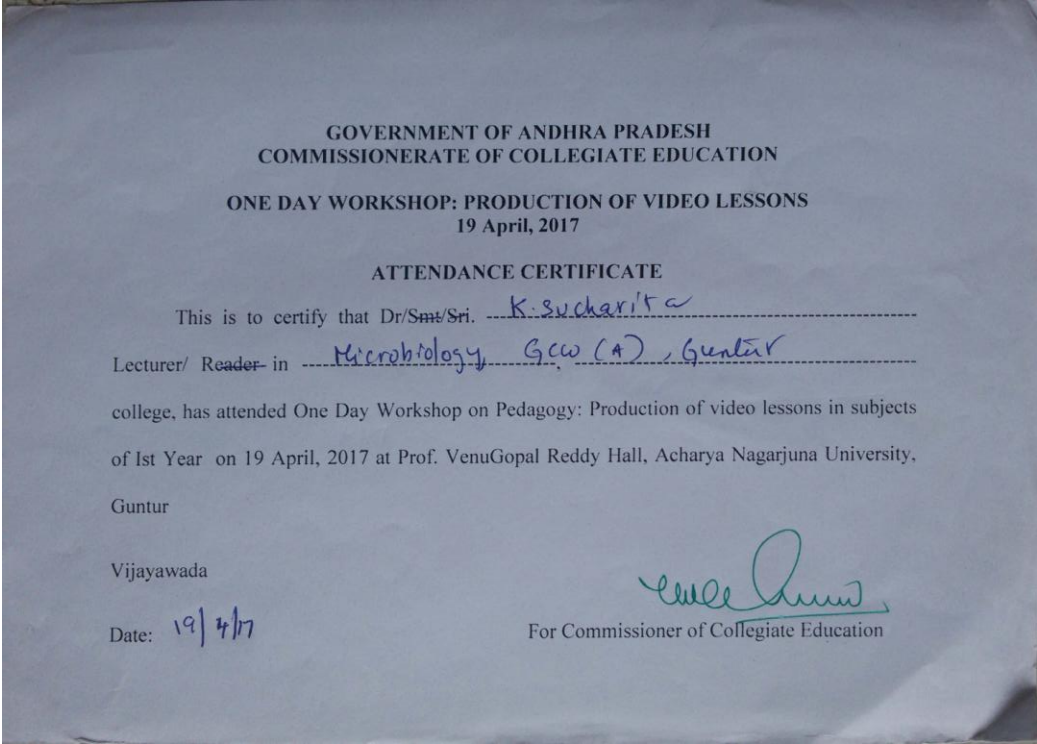
				Autoimmunity hypersensitivity” to IIBSc BZC and IIIBSc MBC students respectively in Y.A Govt. Degree College for Women, Chirala		
33		3	17-11-17 & 18-11-17	Attended and presented a paper in a Two day National Seminar on Biodiversity and Human Health	N. Praveena Kumari M. Lakshmi Himabindhu	Certificate
34		3	21-11-17 & 22-11-17	Workshop on Isolation and Cultivation of Microorganisms to II MSc Zoology Students	All	Photo
35			25-11-17	Visited a Exhibition on Pharmacology and Microbiology organized by Chalapathi Institute of pharmacology, Lam Village, Guntur (Dt)	All	Photo
36			25-11-17	External Examiner to practical exams to I Semester Students	Dr. K. Sucharita	Attendance Certificate
37	December	1	01-12-17	Conducted a Student Quiz on HIV in view of World AIDS day	All	Photo
38			07-12-17	Presented a Guest lecture on Microbial diversity The Spectrum of variability among all types of Microorganisms- Bacteria. Fungi, Viruses and many more to Bpharmacy and Pharma D students at Chalapathi Institute of pharmacology, Lam Village, Guntur (Dt).	Dr. K. Sucharita	Photo
39			„	Arranged a Guest lecture on Molecular Docking	All	Photo
40		2	08-12-17	Field visit to Sangam Dairy Vadlamudi along with III BSc MZC & MBC students	All	Photo
41		3	14-12-17	Student Seminar on Mushroom cultivation	Dr. K. Sucharita	S.Baja Sree Bai III

						BSc B2
42	January	1	04-01-18	Rally on Open Defecation	All	Photo
43			3-01-17	Student Seminar on Single cell protein	Dr. K. Sucharita	Md. Noureen Sulthana III BSc B1
44			<b>05-01-08</b>	<b>Inauguration of Certificate course on Biofertilizers and Organic farming</b>	<b>All</b>	Photo
45		2	01-01-18 To 10-01-18	Extension Activities On The Occasion Of Janma Bhoomi Programme	All	Photos
46			„	Elocution Competetion on Eco-friendly Agricultural practices	All	Photo
47			09-01-18	Extension activity in Kurnutala Village	All	Photo
48		4	23-01-18	Participated in One day National level Workshop on Emerging Trends in Immunotechniques	All	Certificate
49	February	1	06-02-18	Awareness on World Cancer day	All	Photo
50		3	16-02-18	One day workshop for all subject teachers on implementing student centered methods for an effective class room.	N. Praveena Kumari	Certificate
51		4	23-02-18 to 24-02-18	Participated in a Two day Workshop on Protein Modelling	All	Certificate
52		4	28-02-18	Feedback taken from BSc Life Sciences students	Dr. K. Sucharita	
53			<b>28-02-18</b>	<b>Extension activity to School Children</b>	<b>All</b>	<b>Photo</b>
54	March	1	01-03-18	Guest Lecture on Glimpses on Careers in Microbiology	All	Photo
55			„	Student seminar on MRSA	Dr. K. Sucharita	M.Neelanjana II BSC B1
56			<b>03-03-18</b>	<b>Workshop on Microbial Quality Control and Quality assurance</b>	<b>All</b>	<b>Photos</b>

57		2	11-03-18	Participated in a national seminar on Higher education System In The Light of The Reorganization of the states- Trends Opportunities and Challenges	All	Certificate
58			13-03-18	Member in Refreshments committee in 75 <sup>th</sup> Annual day celebration	All	College schedule
59		3	20-03-18	Attended BoS meeting held at SRR & CVR Govt. College as Subject expert	Dr. K. Sucharita	Certificate

**Evidences are attached below**

## EVIDENCES

19-04-17	One day workshop on Pedagogy at ANU Organized by AP CCE	Dr. K. Sucharita
		

20-04-17	Attended BoS meeting held at SRR & CVR Govt. College as Subject expert	Dr. K. Sucharita	Attendance certificate
----------	--	------------------	------------------------

Form No: AC 1

**SRR & CVR GOVERNMENT DEGREE COLLEGE (AUTONOMOUS)**  
Vijayawada 520004

Attendance Certificate

This is to certify that Prof./Dr./Sri/Smt. Dr. K. Sucharita  
 Professor/Associate Professor/Assistant Professor/Director, Department/Centre of Microbiology  
Guntur of Govt Degree college for Women College/University/Institution  
 attended the BoS/Academic Council/Governing Body meeting held in the college on 20/4/2017.

D. Jyothi  
 Signature of the 20/4/2017  
 Chairman, BoS/  
 Secretary, Academic Council

[Signature]  
 Signature of the  
 Chairman, Governing Body  
 Chairman, Academic Council  
 S.R.R. & CVR GOVERNMENT DEGREE COLLEGE  
 VIJAYAWADA - 520 004.

## **STUDENT INTERNSHIP at Tulasi Seeds Pvt Ltd, Ameenabad, Guntur**

The purpose of internship is to expose students to real work environment and at the same time, to gain the knowledge through hands on observation. This practical training program allows students to relate theoretical knowledge with its application in the industry.

### **THE OBJECTIVES OF INTERNSHIP ARE:**

- To develop skills in the application of theory to practical work situations.
- To develop skills and techniques directly applicable to their careers.
- To expose students to real work environment experience gain knowledge in writing report in technical works/projects.

**Duration of internship: 15 days 25-04-17 to 10-05-17**

**No. of Students Attended the Program- 3**

**Title of the Project work: *Estimation of Bt Gene and Bt protein In Tulasi Cotton Hybrid Seeds By Elisa And PCR Screening***

**Aim:** The aim of the project is to identify the Bt gene and Quantify the Bt protein in two different Tulasi Bt cotton hybrids TCS-4 and TCHH-25. This involves isolation of the DNA from the hybrids and amplifying the Bt gene by PCR amplification and testing the zygosity of the Bt gene in the plant hybrid using Gel Electrophoresis.

### **Objectives:**

- To standardized qualitative ELISA for the detection of Bt protein.
- To isolate DNA from hybrid Bt cotton seeds.
- To perform PCR for amplification of isolated DNA.
- To standardized Gel electrophoresis for the detection of the Zygoty.

**Introduction:** Bt cotton is genetically modified cotton. It expresses an insecticidal protein which is derived from a soil bacterium *Bacillus thuringiensis var kurstaki*. The GM cottons in the market shows resistance to lepidoptrous pests. It saves a lot of money, improves quality, and improves yield if that class of insects is a problem. After increasing the area under Bt cotton cultivation, the genetically modified seed yields are expected to make farmers more profitable in

cotton cultivation. Farmers prefer to grow Bt cotton for higher yield. Tulasi seeds Pvt. Ltd is the leading producers of Bt cotton seeds.

In the present study, Bt cotton, a transgenic plant produces two different insect controlling proteins, Cry 1AC and Cry 2AB, whose genes were derived from the naturally occurring Bacterium *Bacillus thuringensis* (or Bt) subspecies Kurstaki was analyzed. A total of 300 samples, 150 for each of 2 Tulasi Bt cotton hybrids TCHH-4, TCHH-25 were studied in the present investigation. These samples were tested for the presence of Bt toxin through ELISA individually and were assayed as Bt positive. DNA from all the samples were extracted, purified and quantified through standard procedures for further analysis. Finally, these samples were analyzed for zygosity after amplification by PCR and showed standard Mendelian ratio of Zygosity.





25 APR 2017

To  
Dr L. Sasibala, M.A., Ph.D.,  
Principal, Govt. College For Women,  
Guntur.

Respected Madam,


Sub: Proposal for Linkage with Depts of Biotechnology, Microbiology & Biochemistry, Govt.  
College for Women, Guntur- Reg

We M/s Tulasi Seeds Pvt. Ltd., Guntur ready to offer internship to the students for a period for  
one month study on Recombinant DNA technology, Molecularbiology, Immunology and Bio-  
analytical techniques 4 members each course. We will be arranging a field trip if feasible  
otherwise in our R & D and Green House the training will be carried out.

It is to inform you that we will not be paying any stipend or any other allowance for the above  
during the internship to any of the participants.

Please forward the schedule for the trainee as mentioned.

Thanking You,

Yours Sincerely,  
  
(T. Yogish Chandra)  
Managing Director



PRACHANDA  
BHASKAR BG II



TAAKATH BG II



SURYA BG II



SRI TULASI BG II



SOURAV BG II



BHASKAR BG II



LOTUS BG II



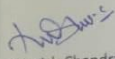
UJWAL BG II

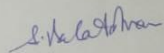


Ref :TSPL/ 38 /2017-18  
Date:23<sup>rd</sup> June 2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s. Seemakurthi Swati has done the internship at our Tulasi Biotechnology Research Laboratory from 28<sup>th</sup> April 2017 to 30<sup>th</sup> May 2017. She has done the internship titled "Determination of Bt gene and Bt protein in Tulasi Cotton hybrids by PCR screening and ELISA Testing" under the guidance and supervision of our senior breeder(cotton) & R&D Incharge Mr. A.Balakrishnan., M.Sc(Ag). She is sincere, hard working and keen to learn new techniques in molecular biology.

  
T.Yogish Chandra  
Managing Director .

  
A.Balakrishnan M.Sc(Ag.)  
Sr. Breeder (Cotton) & R&D Incharge

Activity: **Vanamahotsavam**

Name of the Lecturer: **All**

Date & time: 01-07-17 10am to 5pm

Description of the Activity in few lines: A Plantation programme inaugurated by Honorable C.M. of A.P. at Obulnaidu Palem, Guntur district. Students and Teachers of the college have participated in planting of saplings.



25-07-17

Attended BoS meeting in Microbiology at ANU as  
Subject Expert

Dr. K. Sucharita &  
N. Praveena Kumari

Certificate

**REGISTRAR**

Telephone No: 0863-2346115  
Fax:0863-2293378/2293320  
Website: http://www.anu.ac.in

No.ANU/Acad./Meeting Notice/2017 Date: 20-07-2017

**MEETING NOTICE**

The meeting of the Board of Studies in **Botany & Microbiology** (UG) is scheduled to be held on **25-07-2017 at 11.30 A.M** at Committee Room, Rabindranath Tagore Bhavan, Acharya Nagarajung University, Nagarjuna Nagar. The TA & DA will be paid to the members as per the University rules. The Chairman, BoS and Members are requested to attend the meeting.

**AGENDA**

- To discuss and finalization of V & VI semesters syllabus of B.Sc Microbiology of IIIrd year Degree Course under CBCS pattern for the Academic Year 2017-18.
- To finalize the Model Question papers for V & VI semesters of the above papers.
- Any other matter with the permission of the Chair

*[Signature]*  
**JOINT REGISTRAR**  
Academic

To

1	Sri. G. Nirmala Kumari, Lecturer in Botany AC College, Guntur	Chairperson Cell No. 9959016410
2	Sri. V. Subba Rao, Lecturer in Botany VRS & YRN College, Chirala, Prakasa (Dt)	Member Cell No.9440917014
3	Sri. MRP Saitya Keerthi , Lecturer in Botany AC College, Guntur.	Member Cell No. 9848410467
4	Sri. TD Raja Sekhar, Lecturer in Botany AC College, Guntur.	Member Cell No. 9491583570
5	Smt. N. Praveena Kumari, Lecturer in Microbiology Govt. College for Women, Guntur.	Member Cell No.9441171267
6	Smt. K. Sucharita, Lecturer in Microbiology Govt. Degree College for Women, Guntur.	Member Cell No.9963180561
7	Sri. P. Pardha Saradhi, Lecturer in Microbiology NNR & CL College, Ongole, Prakasam Dt.	Special invitee Cell No.9948190128
8	Dr. Ch. Ram Mohan Rao, Lecturer in Microbiology PNC & IR College, Narasarpot, Guntur Dt.	Special invitee Cell No.9848753960
9	Chairman, [PG] BOS in Botany & Microbiology, ANU	Ex- Officio Member
10	Sri. P. Sreeramulu Former Chairman, UG BOS DRNSCVS College, Chitakaluripet	Ex- Officio Member Cell No. 9848119502 9246464411

**Copies to:**  
The Principal concerned college with a request to give permission to attend the meeting without fail.  
The Dean, College Development Council, ANU.  
The Finance Officer, ANU.  
The Coordinator, UG Exams, ANU.  
The Addl. Controller of Examinations, ANU.  
The P.A to Vice-Chancellor, ANU.  
The P.A to Rector, ANU.  
The P.A to Registrar, ANU.

**ACHARYA NAGARJUNA UNIVERSITY**

**REGISTRAR**

Telephone No: 0863-2346115  
Fax:0863-2293378/2293320  
Website: http://www.anu.ac.in

No: ANU/Acad/All UG BOS /2017. Date: 25-07-2017

**ATTENDANCE CERTIFICATE**

This is to certify that Dr. K. SUCHARITA, Govt. College for women GUNTUR Dist. has attended the meeting as Chairperson/Member, Microbiology Board of Studies in (UG) held on 25-07-2017 at 11.30 A.M in the Committee Hall, Acharya Nagarjuna University, Nagarjuna Nagar.

*[Signature]*  
**JOINT REGISTRAR**  
ACADEMIC SECTION  
ACHARYA NAGARJUNA UNIVERSITY  
NAGARJUNA NAGAR-522 510

To  
Dr. K. SUCHARITA  
Lecturer,  
Govt college for women (N)  
GUNTUR - 522 001, A.P.

**Activity: Class room quiz on DNA Replication**

Name of the Lecturer: **Dr. K. Sucharita**

Class: II BSC MBC & MZC

Date : **28-07-17**

Description of the Activity in few lines: To inculcate competitive spirit and subject skills in students a class room quiz was conducted II BSc B1& B2 students on DNA replication.

Class was divided into two teams/groups. Each team has to frame 12 questions. A member from one team reads the entire question, participants of the opposite team will be permitted 30 secs in which to collaborate, answer can be discussed and complete their response. One point is awarded to each correct answer. If a team doesn't answer the question one point will be awarded to the other team.

Students have shown good team work and participated with competitive spirit.



**Activity:** Observing World Hepatitis Day by Conducting a Poster presentation

**Competition**

Name of the Lecturer: Dept of Microbiology

Name of the Participants: Biology students

Date : 28-07-17

Description of the Activity in few lines: On the occasion of World Hepatitis Day 28-07-17 on students poster presentation competition was conducted to create awareness about Hepatitis among the students and staff. The prizes were distributed by the R.J.D of Zone III Sri Prasad Rao garu.



31-07-17 To 02-07-17	Faculty development programme on new market oriented Restrured Courses Three day residential Programme on Organic farming, Seed Technology & Horticulture under RUSA academic reforms conducted by APHRDI, Bapatla	Dr. K. Sucharita	Certificate
----------------------------	---	------------------	-------------



**Activity: Presented two Sessions in a State level Workshop on Advanced Molecularbiology Techniques to Biology teachers**

Name of the Lecturers: Dr. K. Sucharita & Smt. N. Praveena Kumari

Class: Biology Teachers in Andhra Pradesh state

Date : 23-08-17 & 24-08-17

Description of the Activity in few lines: In view of implementation of APSCHE Syllabus as new advanced topics for introduced in all biology subjects a State level workshop was conducted on Advanced Molecularbiology Techniques to Biology teachers. A Theory and a Practical session was presented on Isolation of DNA from Bacteria on 23-08-17 and 24-08-17 respectively.



01-09-17	National Seminar on Social Responsibility and ethics in Higher Education	M.Lakshmi Himabindhu & N. Praveena Kumari	Certificate
----------	--	---	-------------



# V.S.R. & N.V.R. COLLEGE, TENALI.

Autonomous

Re-Accredited by NAAC

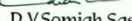


## CERTIFICATE

National Seminar on  
Social Responsibility and Ethics in Higher Education  
1st September 2017  
Sponsored by UGC (Autonomy Fund)

This is to certify that Dr./Sri./Smt. N. PRAVEENA KUMARI, M.A., M.Sc., Ph.D.,  
G.P.C. (W), Guntur participated in the National Seminar on Social Responsibility  
and Ethics in Higher Education organised by IQAC and Alumni Association of VSR & NVR College,  
Tenali and presented a paper entitled Professional ethics for the teaching profession

  
Dr. L. Cyril Anand Kumar  
Convenor

  
D. V. Somiah Sastry  
Principal

07-09-17 & 08-09-17	Attended and presented a paper at National Seminar on Technological Challenges for Probiotics held at Andhra Loyola College, Vijayawada, AP	Dr. K. Sucharita & N. Praveena Kumari	Certificate
---------------------------	---	---------------------------------------	-------------





UGC & DBT- MHRD, Govt. of India, New Delhi Sponsored

In collaboration with Acharya Nagarjuna University

National Seminar on

**"TECHNOLOGICAL CHALLENGES FOR FUTURE PROBIOTIC FOODS"**

7<sup>th</sup> - 8<sup>th</sup> September, 2017

## Certificate

This is to Certify that Dr./Ms./Mr. *N. Praveena Kumari*  
from *Govt. Degree College for women.* College/University/Institution has  
participated/presented a paper titled *Role of Probiotics in their health*  
*and disease-realizing their therapeutic role in cancer.* in a Two-Day UGC sponsored  
National Seminar held on 7<sup>th</sup>-8<sup>th</sup> September 2017, organized by the  
Department of Microbiology, Andhra Loyola College(Autonomous),  
Vijayawada - 520 008.

*K. Balachandra.*  
Convener &  
Organizing Secretary

*B. Siva Prasad*  
DBT  
Coordinator

*K. Srinivas*  
Principal &  
Chairman

**Activity:** A Student seminar Hershey Chase experiment

**Name of the Lecturer:** Dr. K. Sucharita

**Name of the student:** K. Sandhya Rani, II B2

**Class:** III Semester MZC & MBC students

**Date :** 11-09-17

**Description of the Activity in few lines:** K. Sandhya Rani, II B2 has explained about one of the experiment that helped to confirm that DNA is genetic material.

She has given the essential idea of the experiment and explained the steps involved and discussed about the results obtained. Her presentation was lucid and she was able to answer all the questions asked by the students.



**Activity:** Peer teaching on Gram staining technique

**Name of the Lecturer:** Dr. K. Sucharita

**Name of the Student:** M. Neelanjana, II BSc B1

**Class:** I BSc BZC & MBC students

**Date :** 12-09-17

**Description of the Activity in few lines:** M. Neelanjana, II BSc B1 has demonstrated a practical on Gram Staining to I BSc BZC & MBC students.

She has explained the principle and Shown the steps involved in gram staining. The students have listened to her carefully and they have performed the experiment and shown the results.



**Activity:** A Student seminar on Wobble hypothesis

Name of the Lecturer: Dr. K. Sucharita


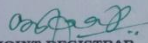
Name of the student: K. Vandana II BSc B2

Class: II Semester MZC & MBC students

Date : 12-09-17

Description of the Activity in few lines: K. Vandana of II BSc B2 has presented a seminar on Wobble hypothesis. She has explained about why multiple codons can code for a single amino acid. One tRNA molecule (with one amino acid attached) can recognise and bind to more than one codon, due to the less-precise base pairs that can arise between the 3rd base of the codon and the base at the 1st position on the anticodon. Her presentation was good.



25-09-17	Attended BoS meeting in Microbiology at ANU as Subject Expert	Dr. K. Sucharita	Certificate
<div style="text-align: center;"> <p>ACHARYA NAGARJUNA UNIVERSITY</p> <p>REGISTRAR  Telephone No: 0863-2346115 Fax: 0863-2293378/2293320 Website: http://www.anu.ac.in</p> <p>No: ANU/Acad/All UG BOS /2017, <span style="float: right;">Date: 25-09-2017</span></p> <p><b>ATTENDANCE CERTIFICATE</b></p> <p>This is to certify that <u>Dr. K. SUCHARITA,</u> <u>Sri college for women</u> College, <u>GUNTUR</u>, _____ Dist. has attended to the meeting as Chairperson/Member, <u>UG MICROBIOLOGY</u> Board of Studies in (UG) held on 25-09-2017 at 11.00 A.M in the Committee Hall, Acharya Nagarjuna University, Nagarjuna Nagar.</p> <p style="text-align: right;"> <b>JOINT REGISTRAR</b> Academic section</p> <p>To <u>Dr. K. SUCHARITA</u> <u>Lecturer in microbiology</u> <u>Sri CW (A) GUNTUR</u></p> </div>			

**Activity:** Presented a Guest lecture on Recombinant DNA Technology to II&III BSc Microbiology students at SRR&CVR Govt College, Vijayawada.

**Name of the Lecturer:** Dr. K. Sucharita

**Class:** II BSc and III BSc Microbiology Students

**Date :** 11-10-17


**Description of the Activity in few lines:** Presented a Guest lecture on Recombinant DNA Technology to II&III BSc Microbiology students at SRR&CVR Govt College, Vijayawada.

**Sudent response:** Students were keen, enthusiastic throughout the lecture and asked questions at the end of the session.



11-10-17 to 14-10-17	Participated in DBT sponsored Workshop on “The STEM Teacher training Programme on Research based Pedagogical Tools” at sacred Heart College, Kochi, Kerala.	M. Lakshmi Himabindhu	Certificate
-------------------------	---	-----------------------	-------------



17-10-17	Workshop on Virtual Classes Organized by AP CCE at ANU	Dr. K. Sucharita	Attendance Certificate
<div style="text-align: center;"> <p>Government of Andhra Pradesh Commissionerate of Collegiate Education ATTENDANCE CERTIFICATE</p> <p>This is to certify that Sri/Smt/Dr. <u>K. Sucharita</u> Lecturer in <u>Microbiology</u> of Govt. Degree College, <u>GUNTUR</u> has attended Workshop on "Virtual Classes" on 17-10-2017 organised by the Commissionerate of Collegiate Education, A.P., Vijayawada at <u>Dicchman Hall, Acharya Nagarjuna University,</u> <u>Guntur</u> and his/her absent may be treated as "On Duty".</p> <p style="text-align: right;">   <b>Academic Guidance Officer</b>  O/o. CCE, AP,  Vijayawada </p> </div>			

17-10-17	One day workshop on Mental health in the work place, GCW (A), Guntur	N. Praveena Kumari M. Lakshmi Himabindhu	Certificate
----------	--	--	-------------





**Govt. College for Women, Guntur**  
(An Autonomous Institution with CPE status)  
**A DISTRICT LEVEL WORK SHOP**



**ON**  
**MENTAL HEALTH IN THE WORK PLACE**

(An Inter Disciplinary Activity by the Departments of Sociology & Psychology)

**Certificate**

This is to certify that Dr / Sri / Smt / Miss M. Sakshmi

Prima Bindu, Sec.in Microbiology, G.C.W., Guntur  
has attended the District level work-shop on "Mental Health In the Work Place" at Govt. College for Women (SD), Guntur on 17.10.2017.

**K. Koushika**  
Convenor,

  
Principal  
17/10/17

**Activity:** A Samishti lecture on General Characters of Algae was given to I BSc MBC & MZC students

**Name of the Teacher:** Mrs. D. Uma, Lecture in Botany

**Class:** I BSc B1 & B2

**Date:** 20-10-17


**Description of the activity in few lines:** An interdisciplinary Class Samishti lecture was given by Mrs. D. Uma, Lecture in Botany to I BSc MBC & MZC (Microbiology students).

Fungi are heterotrophic microscopic saprophytic eukaryotic organisms. The plant body is not divisible into root stem and leaves and it is called mycelium. The cell wall is made up of chitin and reserve food material is glycogen and oil droplets. Basing on the type of spores they produce they are classified into Five classes. They are primarily decomposers and waste material into soluble organic matter which can be utilized by plants. Some of them cause Plant, animal and human diseases. The wonder drug Penicillin was first extracted from *Pinicillium notatum*. They are economically important in the production of beveragesvitamins, antibiotics and in baking.

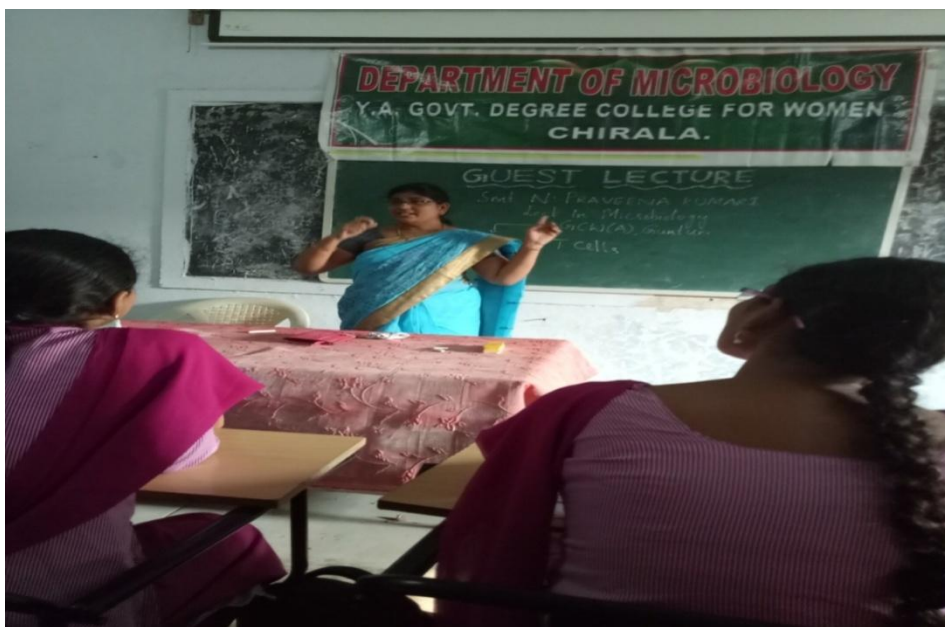
**References:** Introduction to Fungi by Alexopolus

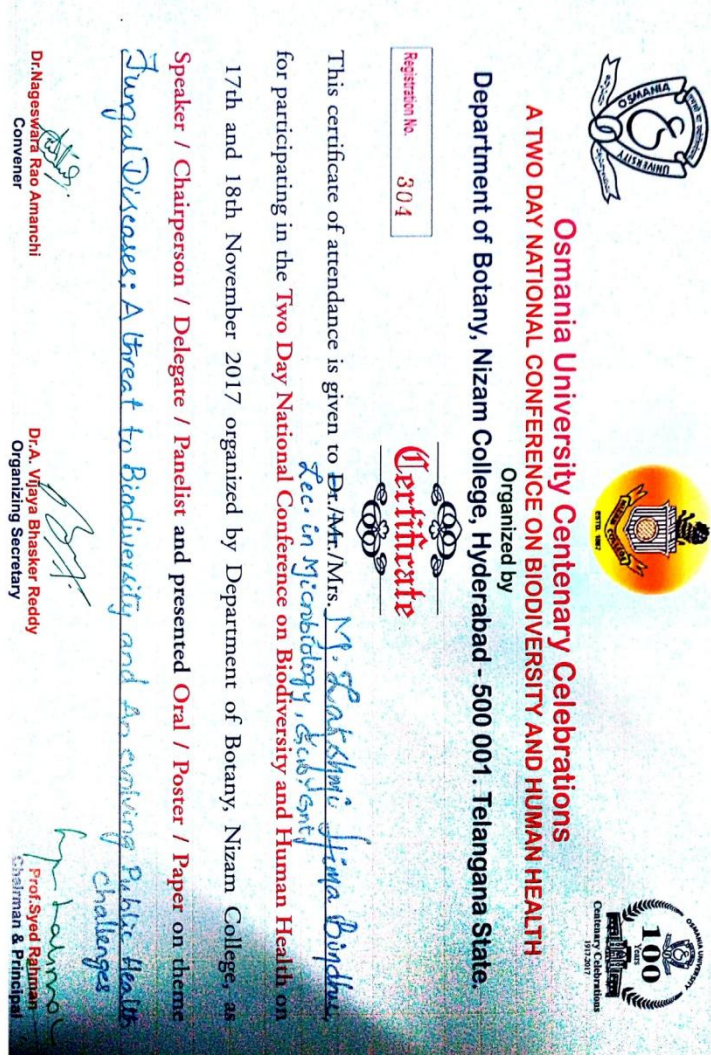
Response of the students: Students were keen to listening to the classification, general characters of Fungi.



02-11-17	Participated in District level Workshop on Subject Clusters for Semsster V	All	Attendance Certificate
 <p style="text-align: center;"><b>GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)</b> GUNTUR, ANDHRA PRADESH</p> <p style="text-align: center;"><i>District Level workshop on</i> "Subject Clusters for VI Semester" <i>Organized by</i> <b>DISTRICT RESOURCE CENTRE, GUNTUR</b></p> <p style="text-align: center;"><b>CERTIFICATE</b></p> <p style="text-align: center;">This is to certify that Dr/Sri/Smt. <i>K. Suchasita</i>..... Lecturer in Microbiology... of <i>SACA(A) GUNTUR</i>..... has participated in the District Level workshop on "Subject Clusters for VI Semester" conducted by District Resource Centre, Guntur, on 02-11-2017 at Government College for Women (A), Guntur.</p> <p style="text-align: center;"><i>Dr. S.L.B. SANKARA SARMA</i> DRC Coordinator</p> <p style="text-align: center;"><i>CH. PILLAREDDY</i> Principal</p>			

17-11-17	Guest lectures given on topics “Sterilization and culture media” and “ Autoimmunity hypersensitivity” to IIBSc BZC and IIIBSc MBC students respectively in Y.A Govt. Degree College for Women, Chirala	N. Praveena Kumari	Photos
----------	--	--------------------	--------



17-11-17 & 18-11-17	Attended and presented a paper in a Two day National Seminar on Biodiversity and Human Health	N. Praveena Kumari M. Lakshmi Himabindhu	Certificate
 <p>The certificate contains the following text:</p> <p>Osmania University Centenary Celebrations  <b>A TWO DAY NATIONAL CONFERENCE ON BIODIVERSITY AND HUMAN HEALTH</b>      Organized by      Department of Botany, Nizam College, Hyderabad - 500 001. Telangana State.</p> <p>Registration No. 304</p> <p><b>Certificate</b></p> <p>This certificate of attendance is given to <u>Dr./Mr./Mrs. M. Satishini Himabindhu</u> Rec. in Mycobiology, &amp; cytogenetics for participating in the <b>Two Day National Conference on Biodiversity and Human Health</b> on 17th and 18th November 2017 organized by Department of Botany, Nizam College, as <b>Speaker / Chairperson / Delegate / Panelist and presented Oral / Poster / Paper</b> on the theme <u>Jungal Diseases: A threat to Biodiversity and An evolving Public Health Challenges</u></p> <p>Dr. Nageswara Rao Amanchi Convener</p> <p>Dr. A. Vijaya Bhasker Reddy Organizing Secretary</p> <p>Prof. Syed Rahuman Chairman &amp; Principal</p>			



**Osmania University Centenary Celebrations**  
**A TWO DAY NATIONAL CONFERENCE ON BIODIVERSITY AND HUMAN HEALTH**  
 Organized by  
**Department of Botany, Nizam College, Hyderabad - 500 001, Telangana State.**



Registration No. **303**



This certificate of attendance is given to Dr./Mr./Mrs. N. RAJENDRA KUMARI

for participating in the **Two Day National Conference on Biodiversity and Human Health** on 17th and 18th November 2017 organized by Department of Botany, Nizam College, as **Speaker / Chairperson / Delegate / Panelist and presented Oral / Poster / Paper** on theme **Impact of Biodiversity On Human Health**

**Dr. Nageswara Rao Amanchi**  
Convener

**Dr. A. Vijaya Bhasker Reddy**  
Organizing Secretary

**Prof. Syed Rahmaan**  
Chairman & Principal

**Activity:** Presented a Two sessions in a college level Two day workshop

**Name of the Lecturer:** All, Dept of Microbiology

**Class:** MSc Zoology students

**Date :** 21-11-17 & 22-11-17

**Description of the Activity in few lines:** Presented a practical theory session in a two day Workshop on “Isolation and Cultivation of Microorganisms” conducted by Dept of Microbiology to II MSc Zoology Students. Participants have learned the basic principles involved and techniques routinely performed in microbiology laboratories for Isolation and Cultivation of Microorganisms.



**Activity:** Visited a Exhibition on Pharmacology and Microbiology

**Name of the Lecturer:** Dept of Microbiology

**Class:** I BSc and III BSc Microbiology students

**Date:** 25-11-17

**Description of the Activity in few lines:** Visited a Exhibition on Pharmacology and Microbiology organized by Chalapathi Institute of pharmacology, Lam Village, Guntur (Dt).



**Activity:** A quiz was conducted HIV in view of World AIDS day

**Name of the Lecturer:** Depts of Microbiology and Biotechnology

**Class:** All the students of the college

**Date :** 01-12-17; 2-5pm

**Description of the Activity in few lines:** Conducted a Student Quiz on HIV in view of World AIDS day. Eight groups each comprised of 4 students have participated in the quiz.





**Activity:** Presented a Guest lecture

**Name of the Lecturer:** Dr. K. Sucharita

**Class:** B. Pharmacy and Pharma D Students

**Date :** 07-12-17

**Description of the Activity in few lines:** Presented a Guest lecture on Microbial diversity The Spectrum of variability among all types of Microorganisms- Bacteria, Fungi, Viruses and many more to Bpharmacy and Pharma D students at Chalapathi Institute of pharmacology, Lam Village, Guntur (Dt).

**Sudent response:** Students were keen, enthusiastic throughout the lecture and asked questions at the end of the session.



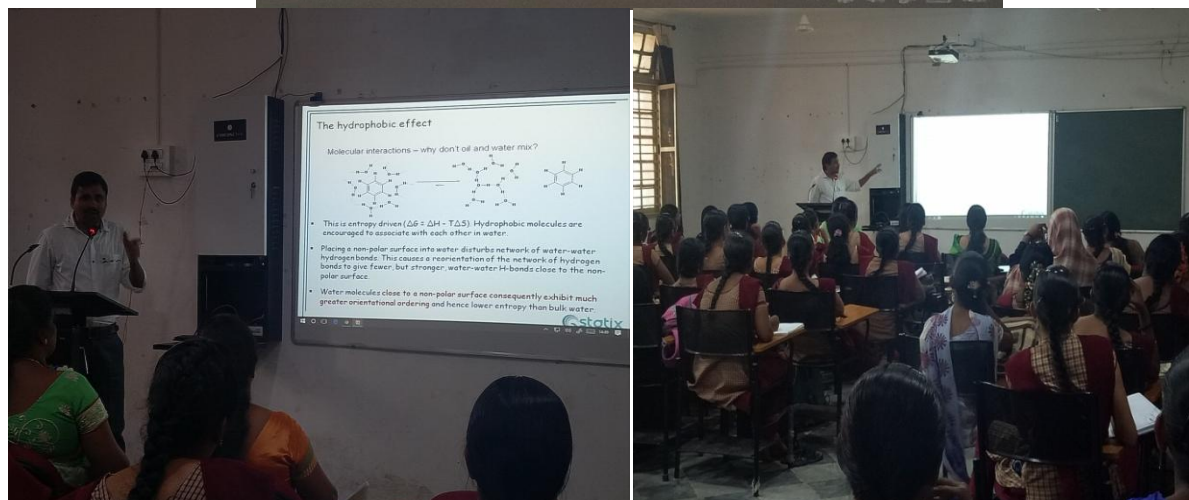
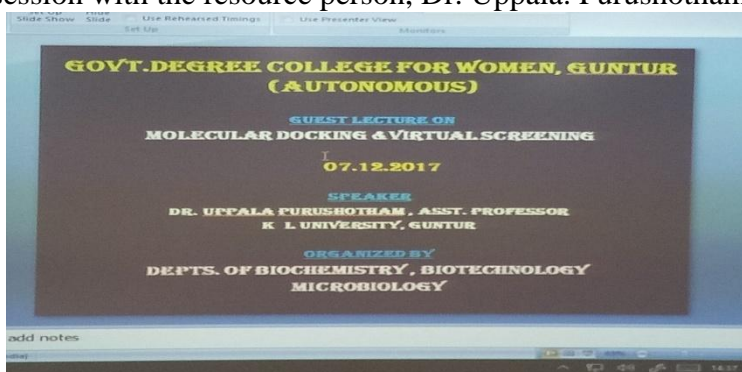
**Activity:** A guest Lecture was arranged on Molecular Docking & Virtual Screening.

**Name of the Lecturer:** Dept of Microbiology

**Name of the Participants:** Biology students

**Date :** 07.12.2017

**Description of the Activity in few lines:** Guest Lecture on **Molecular Docking & Virtual Screening** organized on **07.12.2017** by Department of Microbiology, Biochemistry, and Biotechnology. Lecture was for Students and faculty. They both felt it interesting and also they had an Interactive session with the resource person, Dr. Uppala. Purushotham.



**Activity:** A field visit

Name of the Lecturer: Dept of Microbiology

Class: V Semester MZC & MBC students

**Date :** 08-12-17

Description of the Activity in few lines: Field visit to Sangam Dairy Vadlamudi along with III BSc MZC & MBC students. Students have seen and observed Milk collection, Processing, Pasteurization, Packing, Butter milk and ghee preparation, Microbiology lab etc.



**Activity:** Conducted a Rally on Open Defecation

Name of the Lecturer: College

Class: All the Students of college

**Date :** 04-01-18

Description of the Activity in few lines: As a part of Janmabhumi Programme a rally was conducted on open defecation to create awareness among people.



**Activity:** Inauguration of Certificate Course on Biofertilizers and Organic Farming

**Name of the Lecturer:** Depts of Microbiology & Botany

**Class:** I, II & III BSc MBC, MZC, BZC Students

**Date:** 08-01-2018

**Description of the Activity in few lines:** Interdisciplinary Certificate course by Departments of Microbiology and Botany for the Year 2017-2018. This certificate course helps the students to have awareness on Ecofriendly Agricultural Practices and enhance their skills in production and application of Biofertilizers and organic Farming. These skills will help them to get self employability, so that they can start small scale industries. They can also give awareness to the farmers in their respective villages.





**Activity:** Extension Activities On The Occasion Of Janma Bhoomi Programme

**Name of the Lecturer:** Dept of Microbiology

**Class:** I, II & III BSc Microbiology Students

**Date.:** 01-01-2018 to 10-01-2018

**Description of the Activity in few lines:** As directed by CCE Students and Faculty members of the Dept. of Microbiology have participated in 5K run, Open Defecation Rally, Games, Elocution Competition on Eco-friendly Agricultural Practices etc.



5K Run



Games



ODF Rally



Elocution Competition

**Activity:** Extension activity in Kurnutala Village

**Name of the Lecturer:** Dept of Microbiology

**Class:** II BSc MBC & MZC Students

**Date :** 09-01-2018

**Description of the Activity in few lines:** Kurnuthal Village is one of the adopted village by the college. On the staff and students of Microbiology Dept visited the village and conducted programmes like Distributing of Games kit to school children, Blood grouping, Haemoglobin estimation, awareness on health and hygiene to primary classes children. Staff gave suggestions to the villagers who are identified with anemia.



Distributing Games kit to school children



Blood Grouping Camp



Awareness on health and hygiene



23-01-18	Participated in One day National level Workshop on Emerging Trends in Immunotechniques	All	Certificate
----------	--	-----	-------------





**JAGARLAMUDI KUPPUSWAMY CHOUDARY COLLEGE**  
(AUTONOMOUS)

GUNTUR - 522 006, A.P

(Re-Accredited by NAAC with 'A' Grade securing 3.32 out of 4 CGPA)

ONE DAY NATIONAL LEVEL WORKSHOP ON

**EMERGING TRENDS IN IMMUNOTECHNIQUES**

**CERTIFICATE**

This is to certify that Dr/Mrs/Ms M. Praveena Kumari, Asst. Prof. in Microbiology  
of Govt. College for Women, Guntur  
attended a One Day National Level Workshop on 'Emerging Trends in  
Immunotechniques' on 23<sup>rd</sup> January, 2018 conducted by the Dept. of Zoology, Botany,  
Biotechnology (UG) & Microbiology (P.G), JKC College Guntur, A.P.

S.R.K. PRASAD

Director - P.G. Courses

Dr. K. Daniel

Organizing Secretary

Dr. M. Guravaiah

Convener

Dr. I. Nageswara Rao

Principal



**JAGARLAMUDI KUPPUSWAMY CHOUDARY COLLEGE**  
(AUTONOMOUS)

GUNTUR - 522 006, A.P

(Re-Accredited by NAAC with 'A' Grade securing 3.32 out of 4 CGPA)

**ONE DAY NATIONAL LEVEL WORKSHOP ON  
EMERGING TRENDS IN IMMUNOTECHNIQUES**

**CERTIFICATE**

This is to certify that Dr/Mrs/Ms M. Lakshmi Harna Bindu, Lecturer in Microbiology  
of Govt. college for Women, Guntur.  
attended a One Day National Level Workshop on 'Emerging Trends in  
Immunotechniques' on 23<sup>rd</sup> January 2018 conducted by the Dept. of Zoology, Botany,  
Biotechnology (UG) & Microbiology (P.G), JKC College Guntur, AP.

S.R.K. PRASAD  
Director - P.G. Courses

Dr. K. Daniel  
Organizing Secretary

Dr. M. Guravaiah  
Convener

Dr. I. Nageswara Rao  
Principal

**Activity: An ‘Awareness Programme on Cancer**

Name of the Lecturer: Dept of Microbiology

Class: Students and staff of the college

Date : **04.02.2018**

Description of the Activity in few lines: An ‘Awareness Programme on Cancer’ was organized for all the staff and students on 04.02.2018 in view of “World Cancer Day” by the Department of Microbiology. Staff has explained about the causes, risks and preventive measures for Cancer. There was an interactive session where the students actively participated.



16-02-18	One day workshop for all subject teachers on implementing student centered methods for an effective class room.	N. Praveena Kumari	Certificate
----------	---	--------------------	-------------





# GOVERNMENT COLLEGE FOR WOMEN (A), GUNTUR

## DEPARTMENT OF ENGLISH



ONE DAY WORKSHOP FOR ALL SUBJECT TEACHERS ON  
'IMPLEMENTING STUDENT - CENTERED METHODS FOR AN EFFECTIVE CLASSROOM'

### Certificate of Participation

This is to certify that Mr / Ms / Dr. N. Praveena Kumari, working  
as Lecturer in Higher Biology, Government College,  
for Women (A) Guntur has attended the One Day Workshop on '**Implementing Student  
Centered Methods for an Effective Classroom**' and participated in the following sessions actively  
on 16.02.2018.

1. Need for Student Centered Methods
  2. Applying Bloom's Taxonomy and Howard Gardner's Multiple Intelligences
  3. LOT Activities and
  4. HOT Activities
- (An IQAC and DOE Initiative)

  
Coordinator

  
Principal

**Activity: Extension activity- Celebrating National Science Day With J.R.M. Municipal High School, Kothapet, Guntur.**

Name of the Lecturer: Dept of Microbiology

Class: I,II& III BSc MBC & MZC Students

**Date : 28-02-18**

Description of the Activity in few lines: National Science day was celebrated in the department of Microbiology with 8<sup>th</sup> and 9<sup>th</sup> class students of J.R.M. Municipal High School, Kothapet, Guntur. Conducted Programmes like displaying the equipment and activities of the department, PPT presentation on Water borne Microbial diseases and elocution completion on Importance of Science and Technology in Daily life. Students participated in all the activities with curiosity and enthusiasm. Prizes were distributed to winners in elocution completion.

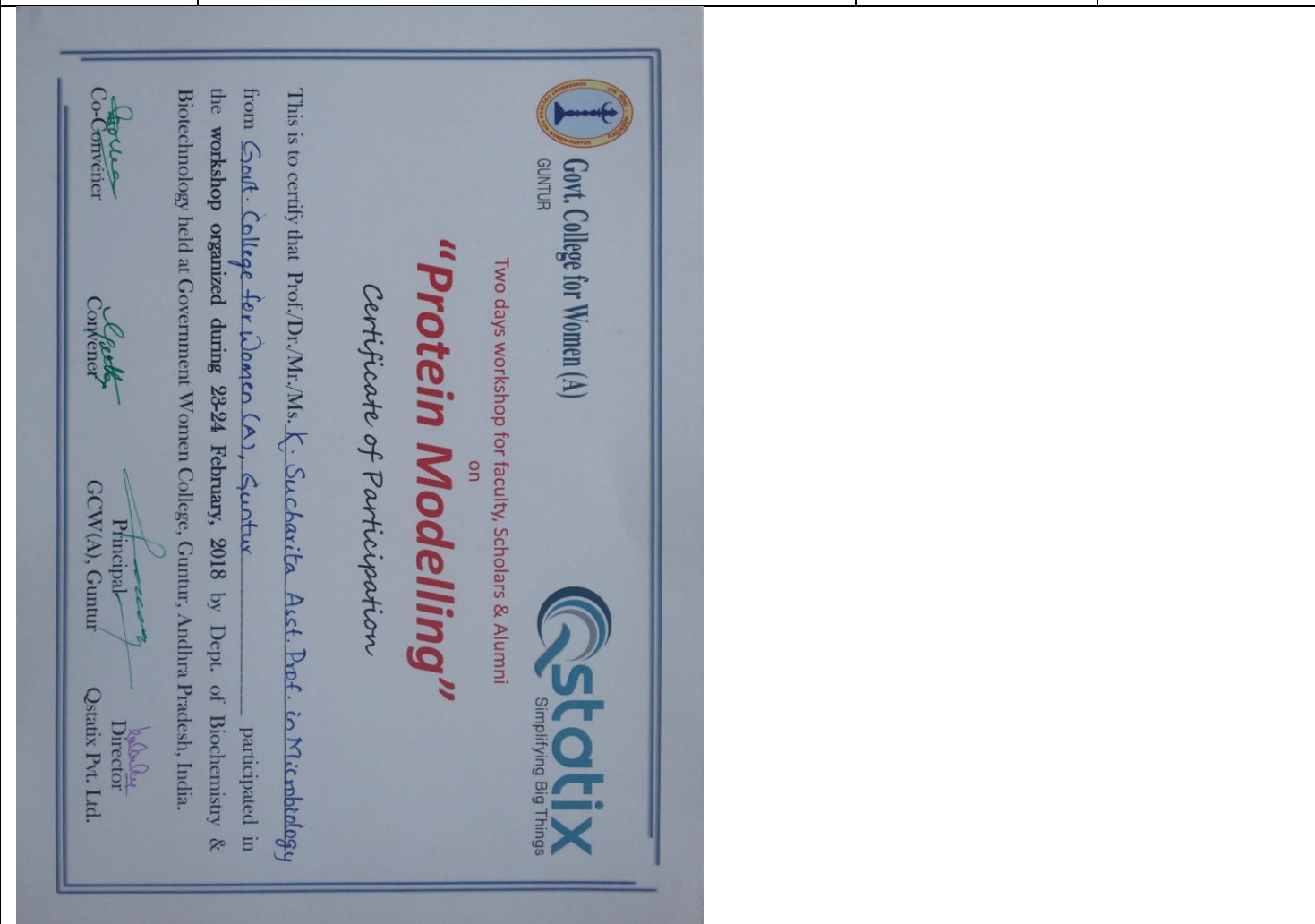


23-02-18 to  
24-02-18

Participated in a Two day Workshop om Protein  
Modelling

All

Certificate





Govt. College for Women (A)  
GUNTUR



Two days workshop for faculty, Scholars & Alumni

on

# “Protein Modelling”


*Certificate of Participation*

This is to certify that Prof./Dr./Mr./Ms. N. Praveena Kumari Asst. Prof in <sup>Microbiology</sup> \_\_\_\_\_ participated in \_\_\_\_\_ from Spvt. College for Women (A), Guntur the workshop organized during 23-24 February, 2018 by Dept. of Biochemistry & Biotechnology held at Government Women College, Guntur, Andhra Pradesh, India.

  
Co-Convenor

  
Convenor

  
Principal  
GCW(A), Guntur

  
Director  
Qstatix Pvt. Ltd.



Govt. College for Women (A)  
GUNTUR



Two days workshop for faculty, Scholars & Alumni  
on

# “Protein Modelling”

Certificate of Participation

This is to certify that Prof./Dr. Mr./Ms. M. Sakshmi Jyoti Bindu, Lec. in Microbiology  
from Govt. College for Women (A), Guntur participated in  
the workshop organized during 23-24 February, 2018 by Dept. of Biochemistry &  
Biotechnology held at Government Women College, Guntur, Andhra Pradesh, India.

  
Co-Convener

  
Convener

  
Principal  
GCW(A), Guntur

  
Director  
Statix Pvt. Ltd.

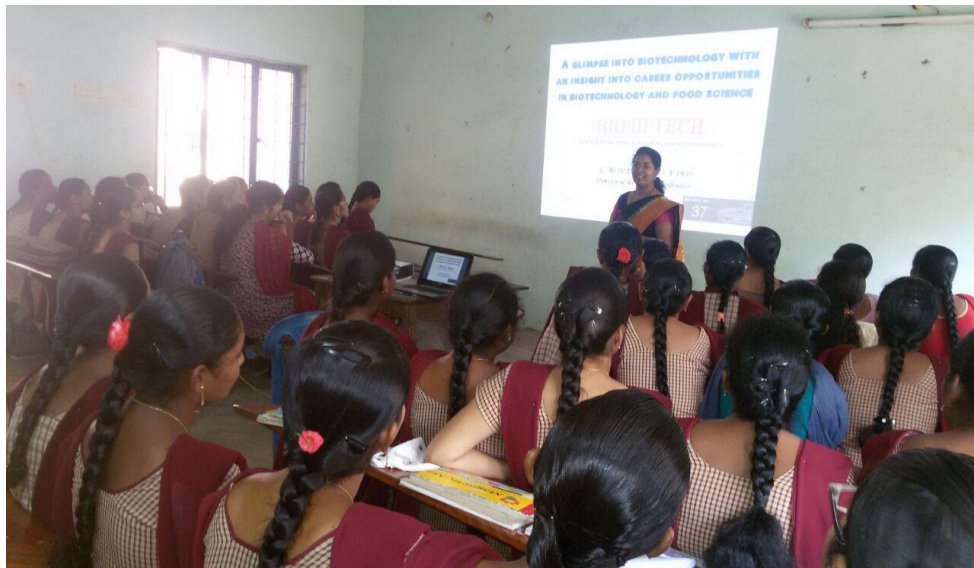
**Activity:** Guest Lecture by Dr.G. Mohana sheela on “A glimpse on Microbiology and Career oppurtunities in Microbiology”

**Name of the Lecturer:** Dept of Microbiology

**Class:** II BSc and III BSc Microbiology Students

**Date :** 08.03.2018

**Description of the Activity in few lines:** Dr. G.Mohana Sheela , Managing Director of BIO-III Tech, Vijayawada gave a Guest lecture on A glimpse into Microbiology and career opportunities in microbiology on 08.03.2018. The students felt the talk was very useful and they have interacted with the resource person actively.



**Activity: A Student Seminar Student seminar on MRSA**

Name of the Lecturer: Dr. K. Sucharita

Name of the student: M.Neelanjana II BSC B1

Class: IV Semester MZC & MBC students

**Date : 01-03-18**

Description of the Activity in few lines: M.Neelanjana II BSC B1 has presented a seminar on MRSA.

Methicillin-resistant Staphylococcus aureus (**MRSA**) is a bacterium that causes infections in different parts of the body. It's tougher to treat than most strains of staphylococcus aureus or staph because it's resistant to some commonly used antibiotics.

She has discussed about the causes, symptoms, treatment, challenges to treat the MRSA and prevention tips. She has to improve her way of explanation.



**Activity:** Conducted a Two day workshop Quality Control and Quality Analyses in Food & Pharmaceutical Industries.

**Concerned Lecturer:** All, Dept of Microbiology

**Class:** III BSc Microbiology students

**Date :** 03-03-18

**Description of the Activity in few lines:** The department of Microbiology of Govt. College for Women (A) as per the approval of BoS has conducted a one day workshop on 3<sup>rd</sup> March, 2018 on “Microbial Quality Control and Quality Analyses in Food and Pharmaceutical Industries” on 03<sup>rd</sup>, March, 2018 for III BSc MBC and MZC students with the following objectives

- *To introduce the students about the role of microbiologist in the quality control department of Food and Pharmaceutical industries.*
- *Participants will get an understanding about Standard operating procedures to be followed in the two industries.*

Two Resource persons have presented the sessions. Resource Person 1: Suresh Goli, Head; Quality Assurance Unit (QAU), SIPRA LABS LIMITED, Plot No. 13, IDA, Balanagar, HYD-37 and Resource Person 2: Sukumar Karuganti, Senior Microbiologist, AgriLife, Hyderabad.



Inauguration-Principal's message

Presenting a session by a Resource person



Validictory- Student feedback on workshop



Certificates given to participants

11-03-18	Participated in a national seminar on Higher education System In The Light of The Reorganization of the states- Trends Opportunities and Challenges	Dr. K. Sucharita	Certificate
----------	---	------------------	-------------



20-03-2018	Attended BoS meeting held at SRR & CVR Govt. College as Subject expert	Dr. K. Sucharita	Certificate
------------	--	------------------	-------------

Form No: AC 1

**SRR & CVR GOVERNMENT DEGREE COLLEGE (AUTONOMOUS)**  
**Vijayawada 520004**

**Attendance Certificate**

This is to certify that Prof./Dr./Sri/Smt. Dr. K. Sucharita.

Professor/Associate Professor/Assistant Professor/Director, Department/Centre of Microbiology  
Guntur.  
of Govt Degree College for Women/A College/University/Institution

attended the BoS/Academic Council/Governing Body meeting held in the college on 20/3/18.

D. Jyothi  
 Signature of the  
 Chairman, BOS/  
 Secretary, Academic Council

[Signature]  
**PRINCIPAL**  
 Signature of the  
**SRR & CVR GOVT. DEGREE COLLEGE**  
 Chairman, Governing Body  
 (Autonomous)  
 Chairman, Academic Council  
 Machavaram, VIJAYAWADA - 520 004.