

DEPARTMENT OF BIOTECHNOLOGY VIRTUAL POPULAR LECTURE SERIES

ORGANIZED BY
DEPARTMENT OF BIOTECHNOLOGY,
GOVERNMENT DEGREE COLLEGE (MEN),
SRIKAKULAM

BRIEF REPORT DESCRIPTION

15-11-2021

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1. No of lectures organized: Three (Two external & one internal)
 2. Duration of each talk: Two hours
 3. A. External Experts: **Mr. O. Prasad Rao**, Deputy Patent Analyst, Patent Office, Chennai, Tamil Nadu;
Dr. Ram Ray Bhat, Associate Professor, IISc-Bangalore, Karnataka.
B. Internal Expert: **Sri M. Pradeep**, Lecturer in Biotechnology, **Govt. Degree College (Men)**, Srikakulam, Andhra Pradesh
 4. Name of the Coordinator: **M. Pradeep**, Lecturer in Biotechnology, **Govt. Degree College (Men)**, Srikakulam, Andhra Pradesh
 5. Details of the participants:

Popular Lecture Series	Number of outstation participants	Number of in-house participants
1	540	346
2	540	346
3	540	346

6. Participating institutions:

Universities: **Dr. B.R. Ambedkar University**, Srikakulam, Andhra Pradesh; **Andhra University**, Vishakhapatnam, Andhra Pradesh; **GITAM University**, Vishakhapatnam, Andhra Pradesh

Colleges: Govt. Degree College (Women), Srikakulam, Andhra Pradesh; Govt. Degree College, Amadalavalasa, Srikakulam, Andhra Pradesh; Govt. Degree College, Palakonda, Srikakulam, Andhra Pradesh; Govt. Degree College, Narasannapeta, Srikakulam, Andhra Pradesh; Govt. Degree College, Tekkali, Srikakulam, Andhra Pradesh; Govt. Degree College, Veeragattam, Srikakulam, Andhra Pradesh; Govt. Degree College, Rajam, Srikakulam, Andhra Pradesh; Gayatri Degree College, Munsabpetta, Srikakulam, Andhra Pradesh; Pratibha Degree College, Srikakulam, Andhra Pradesh; Acharya N.G. Ranga Agriculture College, Naira, Srikakulam, Andhra Pradesh; V.S. Krishna College, Vishakhapatnam, Andhra Pradesh

Junior Colleges: Govt. Junior College (Men), Srikakulam, Andhra Pradesh; Govt. Junior College (Women), Srikakulam, Andhra Pradesh; Narayana Junior College, Srikakulam, Andhra Pradesh; Chaitanya Junior College, Srikakulam, Andhra Pradesh; NRI Academy, Srikakulam, Andhra Pradesh; Krishna Sai Junior College, Srikakulam, A.P

Schools: NTR Municipal School, Srikakulam, Andhra Pradesh; Kesavareddy Institute, Srikakulam, Andhra Pradesh; Bhasyam School, Srikakulam, Andhra Pradesh.

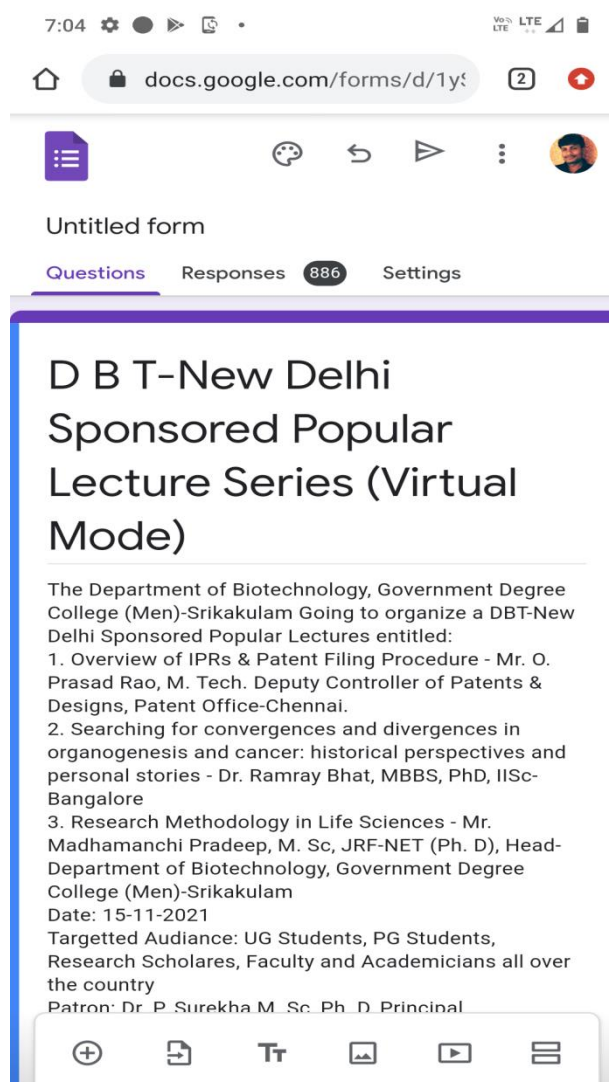
7. List of the institutions for which copies have been sent:

1. Dr. B.R. Ambedkar University, Srikakulam, Andhra Pradesh;
2. Andhra University, Vishakhapatnam, Andhra Pradesh;
3. GITAM University, Vishakhapatnam, Andhra Pradesh;
4. Adikavi Nannaya University, Rajahmundry, Andhra Pradesh;
5. Yogi Vemana University, Kadapa District, Andhra Pradesh;
6. Sri Venkateswara University, Tirupathi, Andhra Pradesh;
7. Sri Padmavathi Mahila Kalashala, Tirupathi, Andhra Pradesh;
8. Govt. Degree College (Women), Srikakulam, Andhra Pradesh;
9. Govt. Degree College, Amadalavalasa, Srikakulam, Andhra Pradesh;
10. Govt. Degree College, Palakonda, Srikakulam, Andhra Pradesh;
11. Govt. Degree College, Narasannapeta, Srikakulam, Andhra Pradesh;
12. Govt. Degree College, Tekkali, Srikakulam, Andhra Pradesh;

13. Govt. Degree College, Veeragattam, Srikakulam, Andhra Pradesh;
14. Govt. Degree College, Rajam, Srikakulam, Andhra Pradesh;
15. Gayatri Degree College, Munsabpeta, Srikakulam, Andhra Pradesh;
16. Pratibha Degree College, Srikakulam, Andhra Pradesh;
17. Acharya N.G. Ranga Agriculture College, Naira, Srikakulam, Andhra Pradesh;
18. V.S. Krishna College, Vishakhapatnam, Andhra Pradesh;
19. Sri Sivani Degree & PG College, Srikakulam, Andhra Pradesh;
20. Kaumudhi Degree & PG College, Srikakulam, Andhra Pradesh;
21. Sri Sai Dental College, Srikakulam, Andhra Pradesh;
22. Govt. Junior College (Men), Srikakulam, Andhra Pradesh;
23. Govt. Junior College (Women), Srikakulam, Andhra Pradesh;
24. Narayana Junior College, Srikakulam, Andhra Pradesh;
25. Chaitanya Junior College, Srikakulam, Andhra Pradesh;
26. NRI Academy, Srikakulam, Andhra Pradesh;
27. Krishna Sai Junior College, Srikakulam, A.P
28. NTR Municipal School, Srikakulam, Andhra Pradesh;
29. Kesavareddy Institute, Srikakulam, Andhra Pradesh;
30. Bhasyam School, Srikakulam, Andhra Pradesh.

8. **Outcome of the Event:**

Eminent scientists & Researchers, from reputed academic institutions virtually delivered recent advances & research methods in promising fields. Majority of the participants expressed their interest to make MOU with the institute and the department. All the participants interact with the experts and greatly enriched their practical skills in basic & advanced sciences. Finally the lectures greatly enhanced the exchange of knowledge among different participating bodies and also employability skills. Here I heart fully expressing my gratitude to DBT on behalf of our institute and the Biotechnology department for promoting these types of wonderful activities. Thanking You





Popular Lecture Series (Virtual)

Date: 15-11-2021 Platform : Cisco-WebEx
Chief Patron



Prof. Venkata Rao, Nimma

Vice Chancellor,
Dr. B.R. Ambedkar University, Srikakulam, Etcherla

Patron

Dr. P. Surekha M. Sc, Ph.D

Principal

Government Degree College (Men)-Srikakulam

Convener

Mr. Madhamanchi Pradeep
Head-Department of Biotechnology
Contact No: 8555911961

Program Coordinator

Dr. R. Haritha
Lecturer in Biotechnology
Contact No: 9398803953

PROGRAMSCHEDULE

9.30am - 10.00 am	Inauguration
10.00am - 11.30am	Overview of IPRs & Patent Filing Procedure by Mr. O. Prasad Rao
11.30am - 12.00 Noon	Break
12.00 Noon - 01.00pm	Research Methodology in Life Sciences by Mr. M. Pradeep
01.00pm - 02.00 pm	Lunch Break
02.00pm - 03.30 pm	Searching for convergences and divergences in organogenesis and cancer: historical perspectives and personal stories by Dr. Ramray Bhat
03.30pm - 04.00pm	Feedback submission, Valedictory & Certificate Distribution.

Registration: Students: **Rs. 10/-**, Faculty: **Rs. 25/-**

All the Registered Candidates will get Certificate after Submission of their Feedback

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLScjJL_so_smylCEKjFHlFNgleyCN-PObpY4rTA6iID9D8KkLw/viewform?vc=0&c=0&w=1&flr=0

1FAIpQLScjJL_so_smylCEKjFHlFNgleyCN-PObpY4rTA6iID9D8KkLw/viewform?vc=0&c=0&w=1&flr=0

INVITATION

You are cordially invited



GOVERNMENT DEGREE COLLEGE (MEN)-SRIKAKULAM

(Affiliated to Dr. B. R. Ambedkar University-Srikakulam & Reaccredited by NAAC with B++ Grade of 2.90 CGPA)

www.gcmsklm.ac.in

Popular Lecture Series (Virtual)

Date: 15-11-2021

Platform: Cisco-WebEx

Sponsored by

Department of Biotechnology (DBT)-New Delhi
Ministry of Science & Technology, Government of India



Organized by

Department of Biotechnology

Government Degree College (Men)-Srikakulam

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ABOUT THE COLLEGE

The Government Degree College, Srikakulam, the first and foremost College in the district was established in 1951 vide G.O.Ms.No.1887 of the Madras Government with the introduction of Intermediate Courses in 1951 and later upgraded to Government Degree College in 1954 with the introduction of undergraduate courses. This College was affiliated to Andhra University, Visakhapatnam and recently attached to the newly formed Dr. B.R. Ambedkar University, Etcherla, Srikakulam. This was recognized by the U.G.C under 2(f) and 12(b) from 06-10-1989. The College possesses a spacious building with the Central Library being the largest among the three districts of Zone-I of A.P. In addition to the conventional courses several Restructured courses have been introduced in B.A and B.Sc. There is a great demand for subjects like Electronics, Microbiology and Bio-Technology. Students who joined these courses feel that they are really privileged and their enthusiasm and responses are well reflected in their good performance in the University examinations. CBCS pattern with 6 semesters for UG has been introduced from the academic year 2015-16 with cumulative effect by APSCHE. Various courses are introduced to suit the latest developments in the respective fields. Recently, B.Sc., Electronics B.Com., Computers in UG and M.Sc., Botany in PG were introduced in the year 2015-16 in addition to M.Sc., Chemistry, M. Com., and M.A., Telugu. Efforts are being made to improve the laboratory facilities in all the newly introduced restructured courses. Staff members are also equipping themselves for the new branches by attending Refresher Courses and the training programmes conducted by the Universities and the Academic Staff Colleges. UGC is funding some of the major and minor research projects undertaken by some of the members of the staff of our College. Many of them have attended National Seminars and presented papers. Sequences of National Seminars/workshops are being conducted with the financial assistance of funding agencies like UGC and DBT. The Department of Biotechnology alone has conducted 03 national seminars & 01 Refresher Course in the academic year 2020-21. The Institution always encourages the faculty members to take up research work. The College has 16 Ph.D. holders and 10 M.Phil holders out of 56 faculty members. Another 09 faculty members are pursuing Ph.D., under FDP/part-time programme. The College was accredited for 1st cycle with B++ (CGPA 83.05) by NAAC in February, 2005 and re-accredited for 2nd cycle in August, 2011 with B Grade (CGPA 2.87). Recently College undergone 3rd cycle accreditation on 25th & 26th September 2017 and graded with B++ (CGPA 2.90).

DBT CTEP Program:

To popularise Biotechnology activities in India, Department of Biotechnology (DBT), Government of India provides financial assistance towards organizing Conference/Seminar/Symposium/Workshop and Travel support to the researchers for presenting their papers in the conferences which are being organized outside the country. It also extends support for organizing DBT stalls in Exhibitions held within the country as well as outside the country. Financial supports are also provided for organizing Popular Lectures. The collective term for these four activities is CTEP (Conference, Travel, Exhibition and Popular Lectures).

The Department of Biotechnology will consider proposals under the Scheme - Popular Lectures in biotechnology by Experts for popularization of biotechnology for financial assistance from Institutions / Universities which are actively working in the research area of Biotechnology. The Popular Lectures in biotechnology by experts should be organized for students from schools, colleges, universities & also for general public to bring general awareness among them about the basic concepts, recent advances & potential of modern Biology & Biotechnology.

<https://www.dbtctep.gov.in/>

ABOUT SPEAKERS:

The event comprises of 03 lectures, of which 02 from external speakers and one from internal speaker. The details of the speakers given below:

External Speaker



Mr. O. Prasad Rao, M. Tech.
Deputy Controller of Patents & Designs
Patent Office-Chennai, Government of India
Mail ID: oggu.ipo@nic.in

Title of the Lecture : Overview of IPRs & Patent Filing Procedure
Time : 10.00 AM - 11.30 AM

BIOSKETCH:

Mr. Oggu Prasad Rao currently working as Deputy Controller of Patents and Designs at IPR office-Chennai, Government of India. Prior to this he worked as Assistant Controller of Patents & Designs for 08 years & Examiner for Patents & Designs for 06 years. He did his M. Tech in JNTU-Hyderabad & B. Tech in KITS-Warangal. He Completed WIPO Distance learning courses: DL101 - General course on Intellectual property rights, DL 450- IP Management and Certificate Course in German Language from University of Madras. He also attended 2 weeks conference on Intellectual Property Rights at the JAPAN Patent Office, JAPAN.

NATURE OF DUTIES (CURRENT):

Supervising Substantive examination (techno legally) done by the Examiner like patent ability and other technical requirement of inventions, ascertaining sufficiency of description of inventions, conducting novelty search, reviewing patent specifications to determine scope and validity.

External Speaker



Ramray Bhat, MBBS, PhD

Intermediate Fellow, DBT Welcome Trust India Alliance
Associate Professor, Molecular Reproduction, Development and Genetics
Associate Faculty, Centre for BioSystems Science and Engineering
Indian Institute of Science, Bangalore, India
Mail ID: Ramray@iisc.ac.in

Title of the Lecture : Searching for convergences and divergences in organogenesis and cancer: historical perspectives and personal stories

Time : 2.00 PM - 3.30 PM

BIOSKETCH:

Ramray Bhat is an associate professor in the department of Molecular Reproduction, Development and Genetics (MRDG), an associate faculty of the Centre for BioSystems Science and Engineering (BSSE) and a coordinator for undergraduate education in biology at the Indian Institute of Science, Bangalore, India. He has a Bachelor's degree in medicine (MBBS) from the University of Calcutta, a PhD in developmental biology from the New York Medical College, and was a Komen postdoctoral fellow at the Lawrence Berkeley National Laboratory. His interests lie at the interface of development, evolution and cancer. He is an intermediate fellow of the Wellcome Trust-DBT India Alliance. In addition, his research is funded by the departments of Biotechnology, the Science and Technology of the Government of India, and the John Templeton Foundation, USA.

Internal Speaker



Mr. Madhamanchi Pradeep, M. Sc, JRF-NET (Ph. D)
Head-Department of Biotechnology
Government Degree College (Men)-Srikakulam
Andhra Pradesh
Mail ID: mpsep15@gmail.com

Title of the Lecture : Research Methodology Life Sciences
Time : 12.00 Noon - 1.00 PM

BIOSKETCH:

Mr. Madhamanchi Pradeep is a regular Lecturer & head in the department of Biotechnology, Government Degree College (Men)-Srikakulam since 2011. He did his Masters' degree in Punjabi University, Patiala, through all India entrance JNU-CEEB in 2010. He qualified for JRF & NET in 2009 & pursuing Ph. D at Dr. B. R. Ambedkar University-Srikakulam. He completed 02 projects funded by UGC & DBT, conducted ~20 seminars, workshops and conferences with the support of UGC, DBT, DST, MHRD & Science Academies. He is the master trainer for the IISER-Pune organizing national level RBPT workshops and content writer for the IGNOU-New Delhi self study materials. His research interests are: Neurobiology, Cancer biology, Molecular Diagnostics, Food & Nutrition quality.