

# Brochure/ Invitation of the Event

## PROGRAM SCHEDULE

**29-05-2022**

- 9.30 AM – 10.00 AM : Registration  
10.00 AM – 10.30 AM : Inauguration  
10.30 AM – 1.30 PM : Technical Sessions  
**Dr. BENET BOSCO DHAS**, CEO, 30 M Genomics Private Limited, Aspire BioNEST, University of Hyderabad, Telangana  
**Dr. N.L. RAJU**, Assistant Professor, Department of Computational Biology, Central University of Assam, Assam State  
1.30 PM – 3.00 PM : Lunch Break  
3.00 PM – 5.00 PM : Paper Presentations

**30-05-2022**

- 10.00 AM – 11.30 AM : Technical Session  
**Dr. M. ABDUL KAREEM**, Assistant Professor, School of Sciences, IGNOU-New Delhi  
11.30 AM – 1.00 PM : Paper Presentation  
1.00 PM – 2.00 PM : Lunch Break  
2.00 PM – 3.30 PM : Technical Session  
**Dr. PURAN SINGH SIJWALI**, Scientist-F, Centre for Cellular & Molecular Biology, Hyderabad, Telangana  
3.30 PM – 5.00 PM : Paper Presentations

**31-05-2022**

- 10.00 AM – 11.30 AM : Technical Session  
**Dr. NAIDU SUBBARAO**, Associate Professor, School of Computational & Integrative Sciences, JNU-New Delhi  
11.30 AM – 1.00 PM : Paper Presentations  
1.00 PM – 2.00 PM : Lunch Break  
2.00 PM – 3.30 PM : Technical Session  
**Dr. P. APARAY**, Asst. Professor, Dept. of Humanities & Sciences, Indian Institute of Petroleum & Energy (IPIE)-Visakhapatnam  
3.30 PM – 5.00 PM : Paper Presentation  
5.00 PM – 5.30 PM : Valedictory

## REGISTRATION DETAILS

Registration Link:  
<https://forms.gle/GxSZ5zF1cFxWGwHb7>

Registration Fee Details:

Participant Type	Online	Offline
Student (UG/PG)	Rs. 50/-	Rs. 100/-
Research Scholar	Rs. 200/-	Rs. 300/-
Faculty or Industrialist	Rs. 250/-	Rs. 350/-

All the registered candidates will get e-Certificate after submission of Feedback form  
Payment Mode: **Scan QR Code & Pay**



Mail ID: [mpgcmproposals2019@gmail.com](mailto:mpgcmproposals2019@gmail.com)

Interested & Registered Candidates may send their Abstracts / or Full Length unpublished papers pertaining to the theme to the above mail address. All the submitted papers reviewed and published in a reputed journal within 03 months after the event. Also the participants will have the opportunity to present their work in the conference and have a chance to get best presenter awards.

**Last Date for the Submission of Abstract: 28-05-2022**

**Last date for the Submission of Full Length Paper as per the Guidelines: 25-06-2022**

**Tentative Date to get Published Paper: 31-09-2022**

Please follow the link for Abstract & Full Length Paper Submission Guidelines:  
<https://www.currentscience.ac.in/instruction.author.php>



Dept. of Biotechnology

**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](http://www.gcmsklm.ac.in) Phone: 08942-222383

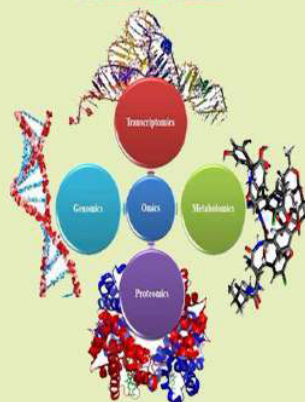
*You are Cordially Invited to  
Hybrid Mode*

**National Level Conference on  
CAPACITY BUILDING IN GENOMICS & PROTEOMICS  
AN INTERDISCIPLINARY APPROACH**

**29th – 31st May 2022**

*Sponsored by*

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



*Organized by*

**DEPARTMENT OF BIOTECHNOLOGY &  
SCIENCE ASSOCIATION**

**Government Degree College (Men)-Srikakulam**



## 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, Eicherla, Srikakulam. This was recognized by the U.G.C under 2(f) and 12(b) from 06-10-1969. 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 popularize 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).

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

## ORGANIZING TEAM

*Chief Patron*



**Dr. Pola Bhaskar, IAS**  
Commissioner  
APCCE-Vijayawada

*Patron*



**Dr. P. Surekha, M.Sc. Ph.D**  
Principal  
GDC (Men)-Srikakulam

*Keynote Speaker*



**Dr. Benet Bosco Dhas,**  
CEO, 30 M Genomics Private Limited,  
Aspire BioNEST,  
University of Hyderabad, Telangana

*Distinguished Speaker*



**Dr. N.L. Raju**  
Assistant Professor,  
Dept. of Computational Biology,  
Central University of Assam

*IQAC Coordinator*



**Dr. Y. Polinaidu**  
Head-Dept. of Zoology &  
Convener of  
Science Association

*Convener*



**Mr. M. Pradeep**  
Head-Dept. of Biotechnology  
GDC (M)-Srikakulam  
Contact No: 8555911961

*Program Coordinator*



**Dr. R. Haritha**  
Lecturer in Biotechnology  
GDC (M)-Srikakulam

## ABOUT THE EVENT

The word OMICS refers to a transdisciplinary field of science that exploits the developments of all science fields like physics, chemistry, biology, mathematics, computer science & its applications for understanding life and living process. Overall, the objective of OMICS sciences (Genomics, Transcriptomics, Proteomics & Metabolomics) is to identify, characterize, and quantify all biological molecules that are involved in the structure, function, and dynamics of a cell, tissue, or organism with the interventions of various science disciplines. The present event aims to envisage on various interdisciplinary technologies that have been using in OMICS by the stalwarts deliberations and also discussing on recent breakthroughs in OMICS by inviting papers from students, research scholars and faculty. On this background we are inviting papers from academicians, research scholars and students on various fields related to OMICS.

## SCIENCE ASSOCIATION TEAM

**Dr. Y. Poli Naidu**

IQAC Coordinator,  
Head-Department of Zoology  
&  
Convener of Science Association

**Dr. P. Rama Rao**

Head-Department of Botany

**Dr. G.V.S. Jayapal Rao**

Head-Department of Physics

**Dr. Ch. Shanthi Devi**

Head-Department of Microbiology

**Mr. D. Adinarayana**

Head-Department of Chemistry

**Mr. R. Ravi Shankar**

Head-Department of Mathematics

**Mr. B. Raghu Ram**

Head-Department of Computer Science



**GOVERNMENT DEGREE COLLEGE MEN), SRIKAKULAM**  
**EVENT ORGANIZED REPORT**  
**(20 21 -2022 )**



<b>Name of Department</b>	Biotechnology
<b>Name of Event Organized</b>	DBT Sponsored National Level Conference DBT CTEP Proposal No: DBT/CTEP/01/20211252060
<b>Title of the Event</b>	Capacity Building in Genomics & Proteomics An interdisciplinary Approach
<b>Date of Event Organized</b>	29 <sup>th</sup> , 30 <sup>th</sup> & 31 <sup>st</sup> May 2022
<b>Name of the coordinator of the Event</b>	Sri. M. Pradeep
<b>No. of Participant (Student +Staff)</b>	231
<b>Name of the Expert with designation</b>	1. Dr. Benet Bosco Dhas, 30M Genomics Pvt. Ltd Hyderabad  2. Dr. M. Abdul Kareem Assistant Professor IGNOU, New Delhi  3. Prof. Naidu Subba Rao JNU New Delhi  4. Dr. P. Aparoy IIP-Visakhapatnam  5. Dr. N L Raju Dept of Computational Biology Assam Central University
<b>Contact number &amp; Address of the Expert</b>	1. Dr. Benet Bosco Dhas, 30M Genomics Pvt. Ltd Hyderabad  2. Dr. M. Abdul Kareem Assistant Professor IGNOU, New Delhi  3. Prof. Naidu Subba Rao JNU New Delhi  4. Dr. P. Aparoy

	<p>IIP-Visakhapatnam</p> <p>5. Dr. N L Raju Dept of Computational Biology Assam Central University</p>
<b>Objective of the Event</b>	<p>The Conference is dedicated to discussing issues, exchanging of ideas and views towards the advancement of theory and practices in the field of Genomics and Proteomics.</p>
<p><b>Report:</b></p> <p>The total registered participants for the event is <b>231</b> from colleges and universities across the nation (Screen sort attached). Most of the participants are UG Students, Research Scholars and UG Faculty. The seminar starts on 29-05-2022 by 10.00 am with a brief inauguration followed by a virtual lecture (02 h Duration) of Dr. Benet Bosco Dhas, 30M Genomics Pvt. Ltd. The second talk start by 2.00pm on 29-05-2022 with Dr. M. Abdul Kareem (online lecture) last for 03 hours and title of his talk is “Genomics &amp; Proteomics Approaches in Neurobiology Research”. In this he described about various tools and techniques used in Neurobiology research.</p> <p>In the next day i.e. on 30-05-2022 by 10.00 am Prof. Naidu Subba Rao from JNU New Delhi virtually till 1.00 pm with intermittent interactions with the participants. The same day after lunch, Dr. P. Aparoy, IIP-Visakhapatnam delivered a lecture on Genomics &amp; proteomics applications in microbial research till 5.00 pm.</p> <p>The next day i.e. on 31-05-2022 by 10.00 am Dr. N L Raju from Assam Central University presented on Microbial Genomics &amp; role of Bioinformatics in Microbial Phylogeny till 1.00 pm with intermittent interactions with the participants. The same day after Lunch, paper presentations done by the participants till 5 pm followed by valedictory and presentation of certificates.</p>	
<b>Outcome of the Event</b>	<ul style="list-style-type: none"> <li>• Integration of the scientific community and practitioners involved in different areas of Genomics and Proteomics.</li> <li>• Presentation of the latest research results in the fields.</li> <li>• Exchange of ideas and experience of the research and work.</li> </ul>

Co-ordinator  
Integral Quality Assurance Cell  
Govt. Degree College (Men)  
SRIKAKULAM





**GOVERNMENT DEGREE COLLEGE MEN), SRIKAKULAM**  
**EVENT PHOTO GALLERY**  
**(2021 -2022 )**



Participants to the National Seminar on Genomics & Proteomics



*R. Haritha*

Co-ordinator  
Internal Quality Assurance Cell  
Govt. Degree College (Men)  
SRIKAKULAM