



Girraj Government College
(Autonomous),
Nizamabad, Telangana State
(Affiliated to Telangana University)

Reaccredited with 'B' Grade By NAAC (2(f) & 12(B) of UGC)



International Conference

EMERGING TRENDS IN PLANT SCIENCES

(Virtual Mode)

5th & 6th January 2022

Organized by

Department of Botany

In Collaboration with



Department of Botany
Telangana University
Nizamabad

ABOUT COLLEGE

Girraj Government College was established in 1956 in Nizamabad and is named after the donor of the land, Sri Girraj Malji Agarwal. This prestigious autonomous institution is affiliated to Telangana University. College is spread in 29 acres of land and also has Lecture halls, well equipped laboratories, Big Auditorium, Jawahar Knowledge Centre (TSKC), Placement cell. The College also has Institutions like IGNOU, Prof. Ram Reddy Centre for Distance Education & Dr. B.R. Ambedkar Open University in its premises. This is the only institution in Northern Telangana conferred with the Status of “College with Potential for excellence” by UGC in 2010. The College offers 44 under graduate and 9 post graduate courses. Faculty is qualified, committed & Service Oriented and actively engaged in teaching and research activities.

ABOUT THE DEPARTMENT OF BOTANY

The Department of Botany was established in 1956 with undergraduate course and later was upgraded with post graduate course M.Sc. (Botany). The Dept. has spacious well equipped labs with 10 (Teaching) faculty members. The department has developed botanical, rose gardens, green house in the college campus. The Dept. has linkage with Botany depts. of Various universities like Telangana, Osmania, Kakatiya University, Regional Rice & Sugarcane research station, Agriculture polytechnic, Rudrur and Forest Dept. Nizamabad. The Dept. has organized many workshops for students as well as for lecturers to enhance their abilities.

The Dept. has organized International conference (virtual mode) – ‘Plants & Environment’ in Feb. 2021, two National Seminars entitled “Recent trends in plant Sciences” in Feb 2013, “Biodiversity Conservation - Role of Student Youth” in Dec 2015, and “Importance of Ethnomedicinal Validation of Regional Flora and Fauna for defending value added products” in December 2017, . The Dept. has organized a Two Day Workshop on ‘Techniques in Biotechnology in Collaboration with Primer Biotech in Feb 2019. Dept. organized a Two Day Exhibition on ‘21 Leaves - Description and Importance of Vinayaka Chavithi’ in August, 2019. The Dept. organized Four Days Workshop on ‘Organic Farming and Techniques in Soil and Water Testing’ in August 2019. Dept. organized a workshop on ‘Techniques in Microscope’ in November, 2019. Dept. has organized Workshop on ‘Techniques in Herbarium and Pollen Morphology’ in January, 2020. Dept. organized a Webinar on ‘NIF Genes in *Klebsiella pneumoniae* and *Rhizobium*’ in May, 2020. Dept. organized a Webinar on ‘Plant Succession’ in May, 2020. The Dept. has submitted two Minor Research Projects Sponsored by UGC - SERO, Hyderabad. The NAAC Team has also complimented the Department as “Highly rated”, during their visit.

RELEVANCE OF THE CONFERENCE

With progress in time, scientific inventions revolutionized tremendously in technical advances. The advances brought changes in lifestyle of mankind with overexploitation of mother nature. The blast increase in human population around globe demanded to get food, fibre and medicine to combat hunger and diseases. The plant resources serve as frontline to fulfill the needs in broad spectrum to human society. The extensive use of synthetic chemicals in variety of fields created alarming situation of climate change. This scenario demanded to re-invent the alternate approaches to protect the ecosystems.

The plant life is area of active research for multiple inventories for safe life. This conference aimed to bring a platform that will inculcate overview of research and academics around the contemporary world. The resource persons from international and national repute have give consent to address their innovations during the conference.

ORGANIZING COMMITTEE

Patron in Chief: **Dr. E. Laxminarayana**, Principal (FAC),
Girraj Govt. College (A), Nizamabad.

Co-Patrons: **Prof. B. Vidya Vardhini**, Head, Dept. of Botany, T.U.
Prof. M. Aruna, Dean, Faculty of Science
and Computer Science, T.U.

Convener: **Dr. P. Latha**, Head, Dept. of Botany, GGC

&

Dr. Ahmed Abdul Haleem Khan, Chairman, BoS,
Dept. of Botany, Telangana University

Organizing Secretary: **Deepak Parmar**, Asst. Professor of Botany, GGC

&

Dr. P. Ravi Raj, Asst. Professor of Botany,
Head, Dept. of Biotechnology, GGC

ADVISORY COMMITTEE

Dr. Md. Abdur Rafeeq, Vice Principal and Head, Dept. of Chemistry

Dr. Y. Venu Prasad, Head, Dept. of Economics & Controller of Examinations

Sri P.V.V. Satya Varaprasad, UGC & Autonomy Coordinator

Dr. G. Sri Ram, Academic Coordinator

Dr. D. Adeppa, IQAC Coordinator

Sri. G. Srinivas Reddy, Head, Dept. of Zoology

Sri. Shaikh AkbarPasha, Head, Dept. of Microbiology

Registration Link:

<https://forms.gle/54GSU9L3tXLAyn389>

Resource Persons

<p>Dr. Sekar Vijayakumar Marine College, Shandong University P.R. China</p>	<p>Dr. C. Satyajit Rao Dept. of Botany, St. Anthony's College, Shillong, Meghalaya</p>
<p>Prof. Kamble Shivaji Sopanrao Dept. of Botany Shivaji University, Kolhapur</p>	<p>Dr. Abdussalam A.K. Dept. of Botany, Sir Syed College. Taliparamba, Kerala</p>
<p>Dr. Prashant Kumar Singh Dept. of Biotechnology Mizoram University Aizawl, Mizoram</p>	<p>Dr. Rajib Gogoi Scientist E BSI-Sikkim Himalaya Regional Centre, Gangtok</p>
<p>Dr. Mohd Irfan Dept. of Botany Chaman Lal Mahavidyalaya. Haridwar</p>	<p>Dr. Tanveer Akhtar Khan Dept. of Botany H. J. Thim College of Arts and Science, Mehrun, Jalgaon</p>
<p>Dr. Basharat Mushtaq Research Officer in the Department of Wastewater Treatment Plant, Anantnag Kashmir</p>	<p>Ankit Shah Uttarakhand Bamboo and Fiber Development Board</p>