

Dr. Ambedkar Government Arts College (Autonomous), Chennai

Department of Plant Biology and Plant Biotechnology

In Collaboration with

Tamil Nadu State Council of Higher Education, Tamilnadu

**National level Conference on Biodiversity and Conservation of Medicinal Plants
(NCBCMP 2020) on 04th and 5th March 2020.**

NCBCMP 2020 Conference Report

The first National level Conference on Biodiversity and Conservation of Medicinal Plants (NCBCMP 2020) was organized by the Department of Plant Biology and Plant Biotechnology of Dr. Ambedkar Government Arts College in collaboration with Tamil Nadu State Council of Higher Education, Tamilnadu on 04th and 5th March 2020.

The Conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Medicinal Plants and Conservation and fulfill the lacuna found in the usage and conservation of medicinal plants. In the conference totally 201 participants registered their names from 35 institutions from all over the Tamilnadu. First day of the conference started with registration of the participants at 9.00 am. Inauguration of conference proceeded by our Chief Guest, **Prof. N. Mathivanan**, Director and Head, Centre for Advanced Study in Botany, University of Madras, Chennai.

NCBCMP 2020 – Inaugural Function



The inaugural function started with invocation followed by welcome address by the Convener of the conference Dr. G. Sampathkumar, Head, Department of Plant Biology and Plant Biotechnology, Dr.Ambedkar Government Arts College, Chennai and he narrated the aim and purpose of the conference



Welcome Address by

Dr.G.Sampathkumar - Convener and Head

The Presidential Address of the conference was given by the Dr.A.Geetha, Principal, Dr.Ambedkar Govt Arts College and also she delivered the impacts of medicinal plants on society. The Conference Proceeding was released by the Chief Guest Prof. N.Mathivanan and received by other special invitees Dr. S. Sivakumar and Dr. S. Sahana.

NCBCMP 2020 – Conference Proceedings Released By Prof. N. Mathivanan



The Conference Inaugural address delivered by Chief Guest – **Dr. N. Mathivanan**, Director and Head, Centre for Advanced Study in Botany, University of Madras, Chennai and he emphasized about the biodiversity and conservation status of the medicinal plants and followed by vote of thanks by Dr.P.Balaji, Organizing Secretary of the Conference.



Inaugural address by
Dr. N. Mathivanan,
Director and Head, CAS Botany,
University of Madras



Vote of Thanks by
Dr. P. Balaji - Organizing Secretary

The special invitee of the conference Dr. S. Sahana, Associate Professor, Department of Agricultural Extension, University of Agricultural and Horticultural Science, Shimoga, Karnataka, delivered the cultivation and marketing status of medicinal plants. Dr.S.Sivakumar, Associate Professor, Department of Gunapadam, National Institute of Siddha, Chennai also delivered a special lecture on processing of medicinal plants and importance of sidha products. Mr. Senthamilselvan –Arivuthottam from Vellore emphasized to the participants about the organic farming and isolation of natural products from medicinal plants



Dr.S.Sivakumar
Asso. Prof. Dept of Gunapadam
National Institute of Siddha
Chennai



Dr. S. Sahana
Asso. Prof. Dept of Agricultural
Extension, University of Agricultural
and Horticultural Science, Shimoga



Mr. Senthamilselvan
Arivuthottam
Vellore

Technical Session of the Conference

The conference technically categorized into oral and poster presentation, among them further technically subdivided into three sessions –

Session – I : Biodiversity of Medicinal Plants

Session – II : Conservation of Medicinal plants

Session – III : Applications of Medicinal plants

Session – I : Biodiversity of Medicinal Plants

The technical session – I and poster presentation was performed in the day 1 of the conference. Biodiversity of Medicinal Plants session was chaired by Dr.K.P.Girivasan, Associate Professor, Department of Botany, Government Arts College, Nandanam, Chennai , Co Chaired by Dr.R.Saravanan, Asst Professor , Dept of Zoology, Dr.Ambedkar Government Arts College, Chennai and Repertoire of the session by Dr. P.Balagi Asst Professor, Dept of Plant Biology and Plant Biotechnology Dr.Ambedkar Government Arts College, Chennai. The participants of the various colleges delivered their research findings in the field of Biodiversity of medicinal plants and discussed with other researchers in fruitful manner.



Oral Presentation done by delegates

Poster Presentation

The poster presentation session was chaired by Dr.K.P.Girivasan, Associate Professor, Department of Botany, Government Arts College, Nandanam, Chennai, Co Chaired by Dr.A.Thangaraja Asst Professor, Dept of Plant Biology and Plant Biotechnology Dr.Ambedkar Government Arts College, Chennai. The posters were displayed in the conference hall and participants were discussed about the findings and cleared their doubts.



Poster Presentation by delegates

Conference event on 05, March 2020

The Conference of the 11th day started special lecture with special invitee Dr. R. Dhamotharan, Associate professor, Department of Botany, Government Arts College for Men, Nandanam, Chennai. He delivered a lecture on medicinal plants diversity and its utilization and followed by Mr. Pradeep Thakur delivered a lecture on cultivation of Medicinal plants with Hydroponics. Dr. A. Stephan, Asst Professor, Dept of Botany, St Joseph College, Bangalore delivered a special lecture on Agricultural management practice and role of climate change on the growth of medicinal plants.



Dr.R. Dhamotharan
Ass. Prof. Dept of Botany
Govt Arts College for Men,
Nandanam



Dr.A.Stephan
Asst Prof. Dept of Botany
St.Joseph College, Bangalore



Mr. Pradeep Thakur
CEO, Thakur Groups

Session –II : Conservation of Medicinal Plants

The technical session – II was performed in the day 2 FN of the conference. Conservation of Medicinal Plants session was chaired by Dr. A. Stephan, Asst Professor, Dept of Botany, St Joseph College, Bangalore, Co Chaired by Dr. Thriunavukarasu, Asst Professor, Dept of Zoology, Dr.Ambedkar Govt Arts College, Chennai and Repertoire of the session by Dr. R. Kalaikanthan, Guest Lecturer, Dept of Plant Biology and Plant Biotechnology Dr.Ambedkar Government Arts College, Chennai. The participants of the various colleges delivered their research findings in the field of Conservation of Medicinal Plants and discussed with other researchers in fruitful manner.

Session –III : Application of Medicinal Plants

The technical session – III was performed in the day 2 AN of the conference. Application of Medicinal Plants session was chaired by Dr. P. Theriappan, Asst Professor, Dept of Botany, Periyar E.V.R. College, Trichy , Co Chaired by Dr. R.Saravanan, Asst Professor, Dept of Zoology, Dr.Ambedkar Govt Arts College, Chennai and Repertoire of the session by Dr. G. Sampathkumar, Head, Dept of Plant Biology and Plant Biotechnology Dr.Ambedkar Government Arts College, Chennai. The participants of the various colleges delivered their

research findings in the field of Applications of Medicinal Plants and discussed with other researchers in fruitful manner.



Oral Presentation done by delegates

VALEDICTORY FUNCTION

The Valedictory function started with invocation followed by welcome address by the Convener of the conference Dr. G. Sampathkumar, Head, Department of Plant Biology and Plant Biotechnology, Dr.Ambedkar Government Arts College, Chennai and he narrated the events and output of the conference. The Presidential Address of the Valedictory function of the conference was delivered by Dr.A.Geetha, Principal, Dr.Ambedkar Govt Arts College, Chennai.

The Conference Valedictory address delivered by Chief Guest – Dr.G.N. Hariharan, Executive Director, M.S. Swaminathan Research institute, Taramani, Chennai and he emphasized about the value of the medicinal plants and their impact on our day today life.



Valedictory address

Dr.G.N. Hariharan Executive Director,

M.S.Swaminathan Research institute, Chennai

The following participants selected by Selection committee for best research paper award for both oral and poster presentation and awards were distributed by Chief guest Dr.G.N.Hariharan.

Best Research paper award for oral Presentation

- First Prize – Mr.S.Sivanantham
Research Scholar, Entomology Research Institute
Loyola College, Chennai
- Second Prize – Mrs.N.Gayathri
Dept of Botany, Arignar Anna Arts College for women
Walajabad
- Third Prize - U.S.Aiswarya
Dept of Clinical Nutrtrion,
Sri Ramachandra Institute of Higher Education and Research
Porur, Chennai

Best Research paper award for Poster Presentation

- First Prize – Rukmanandhan, M., Pillathil Jegan, J.P Shanthi, N
Dept of Botany, Pachayappa's College, Chennai.
- Second Prize– S. Rajapriya, Sarmishta Srikantam and Dr. A. Geetha*
Dept of Biochemistry, Bharathi Women's College, Chennai
Principal, Dr. Ambedkar Govt Arts College, Vyasarpadi, Chennai
- Third Prize - Dhanuja Shree G, ReshmaP.H., Sujitha,S, Gnanasekaran, R , Dr. N. Krithika,
Dr.C.V.Chittibabu
Vel Tech High Tech Engineering College, Avadi
Presidency College, Chennai

Dr.A.Thangaraja, Asst. Prof. Dept of Plant Biology and Plant Biotechnology delivered a vote of thanks to those who are involved in the smooth and successful conduction of conference.



Vote of Thanks

Dr.A.Thangaraja

Asst. Prof. Dept of Plant Biology and Plant Biotechnology

Outcome of the World Conference on Science

Over 201 delegates representing 35 different institutions all over country, registered at the NCBCMP 2020 conference, among them 126 research papers were submitted in the conference. The research papers submitted by the participants were published in the Conference proceedings of NCBCMP2020 with ISBN number (9978-81-945377-1-7) which provided an overview of the conference focused into biodiversity and conservation of medicinal plants. All the participants of the conference furnished outstanding feedback encouraging us to conduct similar type of conference in the forthcoming years. The conference provided a rare opportunity for extensive discussion leading to a new 'way to conservation and utilization of medicinal plants for human health and social welfare. The participants analyzed where the status of medicinal plants sciences stand today and where they are heading, what their impact on research has been and what society expects from them. They also established what efforts should be invested to make medicinal plants research advance in response to both these expectations and the challenges posed by human and social welfare.





Prize and Certificate Distribution to Participants