

DEPARTMENT OF PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

MADRAS CHRISTIAN COLLEGE [Autonomous]

UGC-College with Potential for Excellence & Reaccredited with 'A' Grade by NAAC
Tambaram East, Chennai – 600 059.



Cordially invites you to the valedictory programme of the
National Symposium



ON

CURRENT TRENDS IN PLANT SCIENCES [NSCTPS18]

[22 & 23 February 2018]

Dr. R.W. ALEXANDER JESUDASAN

Principal & Secretary, Madras Christian College (Autonomous)
will preside over the function

Mr. C. SUNDARAJ

Bursar & Treasurer, Madras Christian College (Autonomous)
will felicitate the occasion

Dr. T. MADHAN MOHAN

Advisor, DBT, Govt. of India, New Delhi
*has consented to be the chief guest and
deliver the valedictory address*

ON

23 February 2018

between 4:30 pm and 5:30 pm

AT

CENTRE FOR MEDIA STUDIES

Madras Christian College

Dr. G.A.I. EBENEZER

Convener & Organising Secretary
[NSCTPS18]
Associate Professor & Head

Dr. E. JOYCE SUDANDARA PRIYA

Organising Treasurer
[NSCTPS18]
Associate Professor



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Dr. S. MADHAVAN

Professor, University of Nebraska-Lincoln, USA
*has consented to be the chief guest and
deliver the inaugural address*

ON

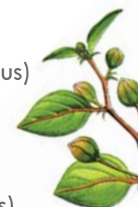
22 February 2018

between 9:30 am and 11:00 am

AT

CENTRE FOR MEDIA STUDIES

Madras Christian College



PROGRAMME SCHEDULE

DAY 1 : 22 FEBRUARY 2018 [THURSDAY]

- 08:30 am – 09:15 am : **Registration** [Department Ground Floor]
- 09:30 am – 11:00 am : **Inaugural programme**
- Prayer** : Rev. Lalthanzuala Chongthu, Chaplain-in-Charge, MCC
- Tamizhthai Vazhthu** : Department Choir
- Welcome Address** : Dr. G.A.I. Ebenezer, Organising Secretary [NSCTPS18]
- Presidential Address** : Dr. R.W. Alexander Jesudasan, Principal & Secretary, MCC
- Felicitation** : Mr. C. Sundaraj, Bursar & Treasurer, MCC
- Release of Abstract Book** : The Principal to the Chief Guest
- Inaugural Address** : Dr. S. Madhavan, Professor, University of Nebraska-Lincoln, USA.
- Vote of Thanks** : Dr. E. Joyce Sudandara Priya, Organising Treasurer [NSCTPS18]
- 11:01 am – 11:30 am : **Tea Break**
- 11:31 am – 12:15 pm : **Keynote Address : What do we learn from Evolution?**
Dr. P. Dayanandan, Former Professor & Head, MCC, Chennai.

TECHNICAL SESSIONS

- 12:16 am – 01:00 pm : **Theme: Diversity and Systematics of Algae, Fungi and Plants**
Medicinal plants diversity in India with special reference to Siddha and other Traditional Medicines
Dr. D. Aravind, Assistant Professor, National Institute of Siddha, Chennai.
- 01:00 pm – 02:00 pm : **Lunch** [Department Cycas Lawn]
- 02:01 pm – 02:45 pm : **Theme: Ethnobotany and Medicinal Plants in Human Welfare**
Traditional Knowledge and Plant Biotechnology.
Dr. K.V. Krishnamurthy, Former Professor & Head, Bharathidasan University, Trichy.
- 02:46 pm – 03:30 pm : **Theme: Aerobiology - Palynology**
Overview of current investigations on pollen and NPPs base environmental reconstruction in Southern Asia: Challenge Agendas in Human Palaeoecology.
Dr. Rathnasiri Premathilake, Professor, University of Kelaniya, Sri Lanka.
- 03:31 pm – 03:45 pm : **Tea Break**
- 03:46 pm – 05:15 pm : **Oral Presentation** [Themes: Diversity and Systematics of Algae, Fungi and Plants; Ethnobotany and Medicinal Plants in Human Welfare; Aerobiology - Palynology & Plant Interactions - Microbes and Animals]
- 05:16 pm – 06:00 pm : **Poster Session** [Themes: Diversity and Systematics of Algae, Fungi and Plants; Ethnobotany and Medicinal Plants in Human Welfare; Plant Interactions-Microbes and Animals; Ecology, Environment, Climate Change and Conservation & Genetics and Molecular Biology].
Venue: Department First Floor Corridor.

DAY 2 : 23 FEBRUARY 2018 [FRIDAY]

TECHNICAL SESSIONS

- 09:00 am – 09:45 am : **Keynote Address : MCC Botany Knowledge Base : Like a Beacon Leading Us to Our Destiny**
Dr. Pon Samuel, Agriculture Division of Dow - DuPont, USA.
- 09:46 am – 10:30 am : **Theme: Ecology, Environment, Climate Change and Conservation**
Trends in Plant Ecology under Climate change era: Lessons from Biomonitoring of LTER plots.
Dr. N. Parthasarathy, Professor, Pondicherry University, Puducherry.
- 10:31 am – 10:45 am : **Tea Break**
- 10:46 am – 11:30 pm : **Theme: Physiology, Biochemistry, Phytochemistry and Histochemistry**
Plant signal perception and transduction: Role of Stomata, in particular.
Dr. S. Madhavan, Professor, University of Nebraska-Lincoln, USA.
- 11:31pm – 01:00 pm : **Oral presentation** [Ecology, Environment, Climate Change and Conservation; Physiology, Biochemistry, Phytochemistry and Histochemistry & Biotechnology, Nanobiotechnology and Bioinformatics].
- 01:01 pm – 01:45 pm : **Lunch** [Department Cycas Lawn]
- 01:46 pm – 02:30 pm : **Poster Session** [Physiology, Biochemistry, Phytochemistry and Histochemistry & Biotechnology, Nanobiotechnology and Bioinformatics]
Venue: Department First Floor Corridor.
- 02:31pm – 03:15 pm : **Theme: Genetics and Molecular Biology**
Engineering rice for enhanced protein, iron and β -carotene through transgenics.
Dr. S. Krishnan, Professor, Goa University, Goa.
- 03:16 pm – 4:00 pm : **Theme: Biotechnology, Nanobiotechnology and Bioinformatics**
Engineering centromeres to produce haploids in plants.
Dr. Ravi Maruthachalam, Assistant Professor, IISER, Thiruvananthapuram.
- 04:01 pm – 04:30 pm : **Tea Break**
- 04:31 pm – 05:30 pm : **Valedictory programme**
- Prayer** : Rev. C. Somu Ebenezer Ross, Director, IACS, MCC
- Welcome Address** : Dr. S. Ravi Shankar, Assistant Professor
- Presidential Address** : Dr. R.W. Alexander Jesudasan, Principal & Secretary, MCC
- Felicitation** : Mr. C. Sundaraj, Bursar & Treasurer, MCC
- Valedictory Address** : Dr. T. Madhan Mohan, Advisor, DBT, Govt. of India, New Delhi.
- Feed Back** : Participants
- Distribution of Certificates** : Best Oral and Poster presentations
- Remarks & Vote of Thanks** : Dr. G.A.I. Ebenezer, Organising Secretary [NSCTPS18]
- National Anthem**