

## Technical Session VI: 8-10-2015 Room No. 18

- 2.00pm In - vitro antiurolithiatic activity of *Strychnos potatorum* L.f.  
T.V. Binu and B.Vijayakumari
- 2.10pm A study on antimicrobial and antioxidant potential of  
*Biophytum sensitivum* in three different solvents  
T. N. Ruveena, K. R. Smitha, Ann Mesna Pongathara and  
Rini Arif
- 2.20pm Heavy metal analysis of market samples of *Aloe vera*  
Sindhu S. and C. Beena
- 2.30pm Antifungal activity of plant essential oils against *Malassezia furfur*  
Geenat Paul, R. Y. Thamanna, Shafna Zakkariya, Tashreefa  
E.V. and Vinny K.V.
- 2.40pm Effect of Ethanolic Extract of *Phyllanthus Emblica* on Captan Induced  
Oxidative Stress *In Vivo*  
Dhanya K. C. and Nusrath Noorudheen
- 2.50pm Evaluation of cytotoxic effects of synthetic pesticide “attack” on root  
meristems of *Allium cepa* L.  
K. R. Soumya, M. T. Teena and K. S. Sudha
- 3.00pm *Ochreinauclea missionis* – an endemic plant with wonderful phytochemical and  
antibacterial profile  
Litty Babu and Bindhu K. B.
- 3.10pm A Comparative Account on Phytochemical and Antioxidant Properties of  
two varieties of *Musa paradisiaca*, Nendran and Kunnan  
Rekha K., Athira Haridas and Didira Remenen E.
- 3.20pm A Spectroscopic ferrozine - based assay for the calculation of corrosion rate  
and inhibition efficiency by *Schleichera oleosa* leaf and bark as an inhibitor  
V. N. Sheeja and S. Subhashini
- 3.30pm Cytotoxic effects of sewage effluent on root tip cells of *Allium cepa* L.  
Teena M. T., Soumya K. R. and K. S. Sudha

## Technical Session VII: 9-10-2015 Menacherry Hall

- 11.50am Anatomical studies of selected species of *Adiantum* L. in Kerala  
S. Resmi, V. P. Thomas and V. K. Sreenivas
- 12.00pm Medicinal plants of Sree Sankaracharya University Campus, Kalady  
Balamuralikrishna, Tessa Paul P. and Joshy K. Simon
- 12.10pm Preliminary phytochemical analysis of the various leaf extracts of *Mimusops  
elengi* L.  
V. Kalaiselvi, T. V. Binu and S. R. Radha
- 12.20pm *In vitro* propagation and quantification of anthraquinone in *Gynochthodes  
umbellata* (L.) Razafim. & B. Bremer (Rubiaceae) – a natural dye yielding plant  
Anjusha S. and Gangaprasad A.
- 12.30pm Taxonomical and anatomical studies on genus *Lindernia* of Puthur panchayath  
(Thrissur District)  
Saranya. V. S. and Anto P. V.
- 12.40pm Dyes – A Healthy Food Supplement  
Narayanayar V.

## EMERGING TRENDS IN HERBAL TECHNOLOGY

### National Seminar

7 to 9 October 2015



## TECHNICAL SESSIONS

Organised by



Research and Postgraduate Department of Botany  
St. Thomas' College (Autonomous) Thrissur

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### Technical Session I: 8-10-2015 Menacherry Hall

- 10.10am Characterization of five rice varieties using morphological traits and seed storage protein profiling  
Aiswariya K. S. and Geethu Elizabeth Thomas
- 10.20am Phytochemical and antioxidant properties of *Ailanthus malabarica*  
Vishnupriya Mohandas, Sheeli K. S. and Neethu Mohan
- 10.30am Comparative Study of Essential oils of *Centella asiatica* (L.) Urb. and *Hydrocotyle javanica* Thunb.  
Santhi C. Francis and M.T. Thomas
- 10.40am Study on the Phytochemical, Antibacterial and Antioxidant activities of *Simarouba glauca*  
Sneha K.S, Aswathy Venugopal and Meera C R
- 10.50am Phytochemical screening and antibacterial studies on *Carallia brachiata* (Lour) Merr.  
Sushi C. S. and Vimala Jose
- 11.00am Leucas – Important medicinal uses  
Vimal K. P., Smitha K. and Sunoj Kumar P.

### Technical Session II: 8-10-2015 Menacherry Hall

- 11.40am Effect of Mercuric Chloride on Some Morpho-Physiological Parameters of *Centella asiatica* (L.) Urb.  
Snehalatha V. R. and K. M. Jayaram
- 11.50am Biodegradation of *Lantana camara* using different animal manures and assessing its manurial value for organic farming  
R. Hiranmai Yadav and Anteneh Argaw
- 12.00pm Isolation and characterization of Azotobacter from rhizosphere soil of paddy fields of Thrissur District  
Dahlia David and Vimala Jose
- 12.10pm Evaluation of the anticancer potential of the traditional medicinal herb *Isodon coetsa*  
Sandhya Vincent and John E. Thoppil
- 12.20pm Effect of different bio-composting techniques on physicochemical changes in Corncob  
Sakthivigneswai S. and A. Vijayalakshmi
- 12.30pm Pharmacognostic profile and phytochemical screening of *Naravelia zeylanica*  
Sreeshma P. S. and Regi Raphael
- 12.40pm Molecular fingerprinting of elite clones of sugarcane (*Saccharum* sp.) having morphological similarity using microsatellites  
Leena Lavanya and G. Hemaprabha

### Technical Session III: 8-10-2015 Menacherry Hall

- 2.40pm Pharmacognostic Profile of *Averrhoa bilimbi* L. leaves.  
Alisha Valsan and Regi Raphael K.
- 2.50pm Phytochemical and nutritional characterisation of the underutilised crop *Secbium edule*  
Greeshma Premkumar and Bindhu K. B.
- 3.00pm Seed treatments to break seed dormancy in white *Abrus precatorius*  
Divya K. Venugopal and Rekha K.  
An ecological study of medicinal plants in Aloor Grama Panchayath, Thrissur District, Kerala  
Biji E.B., Joshy K. Simon and Tessa Paul P.
- 3.10pm Partial purification of alkaloids from *Cocos nucifera* tomentum  
Deepa G. Muricken and Fahisa K. Y.

### Technical Session IV: 8-10-2015 Room No.18

- 10.00am Medicinal plant systematics of Gentianaceae in South India  
Shahina P. M. and Santhosh Nampy
- 10.10am Check list of wild edible plants from Aralam Wildlife Sanctuary  
Dantas K. J. and N. Sasidharan
- 10.20am Cyanobacterial flora at Nelliampathy  
Manu Philip, M. Shamina and Farhad V.P.
- 10.30m A preliminary taxonomic study on the Major grasses of low altitude grassland of Thrissur  
Franklin Francis and Anto P.V.
- 10.40am A study on the morphological characteristics of selected Indigenous paddy varieties of Wayanad district of Kerala  
Baburaj T. S. and Getha S. Pillai
- 10.50am Taxonomy of selected species of Cissus (Vitaceae) from Thrissur district.  
Hari Sasidharan and Anto P.V.

### Technical Session V: 8-10-2015 Room No.18

- 11.20am A checklist of the genus *Pogostemon* Desf. in Western Ghats  
Shinoj K. and Sunojkumar P.
- 11.30am Wild Ornamental Bananas in India: An Overview  
Alfred Joe & M. Sabu
- 11.40am Balsams of Silent Valley  
V. S. Hareesh, V. B. Sreekumar and M. Sabu
- 11.50am The rare, endemic and threatened medicinal plants of Attapady Hills, Western Ghats of Palakkad District, Kerala State  
Anilkumar K. A. and P. S. Udayan