

# Indian Institute of Spices Research

## Kozhikode, Kerala

### Proceedings of Study Circle - November, 2016

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F.No.IISR/SCM-C/2016

17<sup>th</sup> November, 2016

The Study Circle Meeting for the month of November was held on 30/11/2016 at 2.30 PM in the Silver Jubilee Hall under the Chairmanship of Dr. K. Nirmal Babu, Director. All study circle members attended the meeting. After the introduction of new members, following research works are presented and discussed.

Ms. Aparna, R.S presented her PhD synopsis titled “Identification and characterization of MYB transcription factors and functional validation of candidates regulating curcumin biosynthesis in *Curcuma longa*”. The objectives are discussed and the work is approved by the house.

The director briefed the house about the points discussed at Regional Committee meeting.

**Contribution No.891** : Presentation of research titled “Influence of weather parameters on sex expression and flowering pattern in nutmeg” by Ms. Aarthi. S. The paper has been approved for oral presentation at “International conference on climate change to be held at ICAR-CIARI, Port Blair, Andaman and Nicobar Island on December 7-10, 2016

**Contribution No. 892.** Presentation of research work titled “Growth and flowering in young Nutmeg as influenced by integrated nutrient management and Benzyl adenine application” by Dr. C.K. Thankamani. The Director appreciated the work and asked to extend the trail in the existing old nutmeg tree. The abstract is approved for presentation at PLACROSYM XXII, 2016 to be held at Kasaragod, Kerala. .

**Contribution No. 893.** Presentation of research paper titled “Farmer friendly technology for enhanced seed production of Pearlsport, *Ettola surattensis* (Bloch)” by Dr. Pradeep. The work was discussed, suggestions are given and approved by the house for publication.

**Contribution No. 894.** Presentation of research work titled “Cytotoxic effect of spices extract on colon cancer cell line HCT-116” by Dr. N.K.Leela. The house discussed and approved the work to be presented at “International conference on Nutraceutical and functional food” to be held at Anand Agricultural University, Anand on 6-8 Dec, 2016.

**Contribution No. 895** Presentation of research work titled “Efficacy of native entomopathogenic nematodes against semi-looper (*Synegia* sp.) infesting black pepper” by Dr. Rashid Pervez.

**Contribution No. 896** Presentation of research work titled ”Diversity and community structure of nematodes associated with black pepper (*Piper nigrum* L.) in Wayanad District (Kerala), India” by Dr. Rashid Pervez. The last two contributions are approved to be presented at ICASS, 2016 to be held at Hyderabad.

**Contribution No. 897** Presentation of research work titled “Application of Concentrated Solar Power for Turmeric Curing” by Dr. E.Jeyashree.

**Contribution No. 898** Presentation of work titled “Hand Holding Spice Entrepreneurs-Spice Processing Facility at ICAR-IISR” by Dr. E.Jeyashree. The last two contributions are approved for presentation at PLACROSYM XXII.

**Contribution No. 899** Presentation of research work titled “A snap short of transcripts in Small Cardamom (*Elettaria cardamomum* Maton)” by Dr. Johnson. K. George. The house discussed the work and approved it for publication.

**Contribution No. 900** Presentation of research work titled “Effect of Cinnamon and turmeric extract on growth parameters, antioxidant and metabolic enzyme activities of adult male albino rats” by Ms. Sivaranjani. R. The paper is accepted for oral presentation at “International conference on Nutraceutical and functional food” to be held at Anand Agricultural University, Anand on 6-8 Dec, 2016.

**Contribution No. 901** Presentation of research work titled “MLST analysis of an Indian isolate of burrowing nematode infesting Black Pepper” by Ms. Blessy M. Baby. The house approved the abstract for presentation at National symposium on climate smart agriculture for nematode management to be held at Goa.

**Contribution No. 902** Presentation of research work titled “Exposure to salicylic acid and syringaldehyde alters chemotaxis in burrowing nematode, *Radopholus similis*” by Ms. Rosana OB. The house approved the abstract for presentation at National symposium on climate smart agriculture for nematode management to be held at Goa.

The meeting came to an end by 6.15 pm

This is issued with the approval of the Director.

Secretary,

Study Circle