

**Indian Institute of Spices Research
Kozhikode, Kerala.
Proceedings of Study Circle, 10th November 2014**

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27th November 2014

The Study Circle Meeting was held on 10th November 2014 at 2.30 PM in the Silver Jubilee Hall under the chairmanship of Dr. M. Anandaraj, Director. All the study circle members attended the meeting.

Chairman in his opening remarks made a presentation on 42nd Annual meeting & other meetings of IPC from 26th-30 October 2014 at Ho chi minh city, Vietnam. In his briefing he also mentioned the researchable issues (fertigation systems & ornamental cover crops) to be discussed in the Midterm IRC.

After his presentation the following items were discussed,

Report on one month “Orientation Training Programme” was presented by new scientists.

Dr. Awadesh kumar (Plant Biochemistry) – Chairman asked him to equip himself in the area of extraction of molecules from spices listed in the HVC project as it is a priority area. Residue analysis in spices has also to be initiated to function as referral lab. He will be sent to respective institute for 3 months training on this area.

Mr. Narendra Chaudhari (Spices, Plantation, Medicinal & Aromatic Plants)- Chairman asked him to work on precision farming in Cardamom, with emphasis on irrigation and High-Tech Horticulture. He will be sent to suitable institutes for 3 months attachment training.

Dr. Pravita Lakhota (Spices, Plantation, Medicinal & Aromatic Plants)- Chairman suggested her to work on Tree breeding. She will be sent to appropriate institute for 3 months attachment training.

Contribution No 791: Characterisation of Cucumber mosaic virus infecting black pepper based on RNA2 and RNA3 sequences. K.A.Revathy, Shina Sasi and A.I.Bhat. The abstract was accepted.

Contribution No 792: Production and evaluation of transgenic black pepper expressing Cucumber mosaic virus and Piper yellow mottle virus sequences. A.I.Bhat, K.A. Revathy, S.Sasi and M.V.Jiby. The abstract was accepted.

Contribution No 793: Tracing endophytic colonization of black pepper (*Piper nigrum* L.) by *Pseudomonas putida* BP25, a broad spectrum biocontrol agent against oomycete and fungal

plant pathogens/ Agisha VN, Neelam S, Vibhuti M, Santhosh J Eapen, Suseela Bhai R and A Kumar. The abstract was accepted.

Contribution No 794: *Streptomyces* spp. for better growth promotion in black pepper (*P. nigrum* L.)- Suseela Bhai R, Lijina A and Prameela TP. The abstract was accepted. In title “better” may be avoided.

Contribution No 795: Mitigating foot rot and slow decline disease of black pepper (*Piper nigrum* L.) through field deployment of endophytic and rhizospheric bacteria. Suseela Bhai R, Santhosh J Eapen, Kumar A, Rashid Parvez, Edna Mary Varghese & Krishna PB. The abstract was accepted.

The chairman decided to have the other listed papers in the next study circle.

The meeting came to an end at 5 pm.

This has the approval of the Director.

Secretary,

Study Circle.

