

**Indian Institute of Spices Research
Kozhikode, Kerala.
Proceedings of Study Circle, 22nd May 2014**

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22 May 2014

The Study Circle Meeting was held on 21st May 2014 at 2:30 pm in the Silver Jubilee Hall under the chairmanship of Dr. M. Anandaraj, Director. The following presentations were made,

1. Training report on ‘**Institute Orientation Programme**’ by new scientist Dr. Sharon Aravind. Chairman suggested her to modify the conceptual note towards breeding of available shortlisted lines of cardamom for biotic/ abiotic stress tolerance.

2. Contribution No 768: Evaluation of small cardamom accessions for resistance against leaf blight and rhizome rot diseases under natural epiphytic conditions- Biju CN, Senthilkumar R & Prasath D. The paper was approved. The shortlisted resistant lines for rhizome rot may also be screened in vitro and added in the paper.

3. Contribution No 769: Appangala 2: A promising cardamom hybrid with high yield potential and mosaic resistance-Senthil Kumar R, Prasath D, Leela NK, Venugopal MN, Anandaraj M, Nirmal Babu K, Ankegowda SJ, Biju CN, Praveena R, Kuruvila KM, Srikrishna Bhat, Lakshmana and Deepthy. The house suggested the authors to change the title, line number to the changed title, provide data of all entries that are on par and also analyze the data replication wise. The paper was approved for publication.

4. Contribution No 770: Invitro evaluation of Rhizosphere Actinomycetes against Blackpepper pathogens-Anusree T & Suseela bhai R. The paper was approved with the suggestion to modify the title as ‘Isolation and characterization of Rhizosphere Actinomycetes against Blackpepper pathogens’.

5. Contribution No 771: Plant regeneration in *Capsicum chinense* Jacq.cv.Naga King Chili invitro- Rahul PR, Glint VD & Nirmal Babu K. The paper may be published.

6. Contribution No 772: Isolation and amplification of genomic DNA from nutmeg mace- Swetha VP, Parvathy VA, Sheeja TE & Sasikumar B. The paper was approved with the suggestion to use original photograph.

7. Unique spike length variant Blackpepper accessions – Sasikumar B, Johnson K George, Saji KV Ankegowda SJ & Zachariah TJ. The paper was accepted as a communication.

8. PhD Synopsis: Molecular and morphological diversity of *Radopholus similis* and transcriptome profiling of Blackpepper affected by *R.similis*- Krishna PB. The chairman suggested focusing the research only on diversity of *Radopholus similis* not on transcriptome studies.

9. Technical Seminar: Nanotechnology: The BIG deal about SMALL things-Dinesh R. Chairman appreciated the presentation. The downsides and concerns of Nanotechnology will be presented during August month Study Circle.

The meeting came to an end by 5.00PM

This is issued with the approval of Director.

Secretary,

Study circle