

**Indian Institute of Spices Research
Kozhikode, Kerala.
Proceedings of Study Circle, 21th November 2014**

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27th November 2014

The Study Circle Meeting was held on 21th 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.

In the meeting the following abstracts (Placrosym XII) were discussed,

Contribution No 815: Identification and characterization of pre-miRNAs from *Piper colubrinum* through transcriptome analysis. Johnson George K, Rosana Babu O, Vijesh Kumar IP, Santhosh Eapen J, Anandaraj M. The abstract was accepted & it needs to be published.

Contribution No 816: Development of genic (EST SSR) and genomic microsatellite markers for Black pepper (*Piper nigrum* L.) and related species. K Anupama, AnuCyriac and K Nirmal Babu. The abstract was accepted.

Contribution No 817: Genetic Diversity Analysis in Black pepper cultivars discerned by Microsatellite (SSR) markers. K Anupama, J Cissin and K Nirmal Babu. The abstract was accepted.

Contribution No 818: Variability in the volatile constituents of selected turmeric (*Curcuma longa* L.) varieties N K Leela, S Hamza, D Prasath. The abstract was accepted.

Contribution No 819: *Myristica prainii* King seeds - an alternate source of myristic acid. N K Leela, Ramya Peter, T J Zachariah. The abstract was accepted.

Contribution No 820: Selection of suitable metal oxide semiconductor sensors to determine essential oil composition of cardamom (*Elettaria cardamomum* Maton). Muneeb AM Subhankar Mukherjee Devdulal Ghosh, Nabaraun Bhattacharya, Leela NK. The abstract was accepted.

Drying characteristics of nutmeg and mace (*Myristica fragrans*) dried under different methods and its quality evaluation. Desmond Joseph and Jayashree E. Not presented. Chairman denied approval for presentation in symposium.

Contribution No 821: Soil test based site specific fertilizer recommendation for targeted yield of ginger and turmeric. V Srinivasan, R Dinesh, SJ Ankegowda, S Hamza, CK Thankamani and K Kandiannan. The abstract was accepted.

Contribution No 822: A novel method to produce orthotopic and plagiotropic cuttings of blackpepper in soil less medium. MAnandaraj, K Kandiannan, D Prasath and V Srinivasan. The abstract was accepted for oral presentation.

Contribution No 823: Rainfall trend in potential plantation and spice producing exclusive Western Ghats districts. K Kandiannan, KS Krishnamurthy, CK Thankamani and SJ Ankegowda. The abstract was accepted.

Contribution No 824: Structural reforms in agricultural extension system in India- prospects and trends. P Rajeev & Thampan. The abstract was accepted.

Contribution No 825: Influence of transplanting on quality of ginger (*Zingiber officinale* Rosc.). Silpa Mohan, D.Prasath & NK Leela. The abstract was accepted. Conclusion may be modified.

The meeting came to an end at 6 pm.

This has the approval of the Director.

Secretary,

Study Circle.

