

**Indian Institute of Spices Research
Kozhikode, Kerala.
Proceedings of Study Circle January 2014**

F. No. IISR/SCM-C/ 2014

January 2014

The Study Circle Meeting was held on 27th January at 2:30 pm in the Silver Jubilee Hall under the chairmanship of Dr.M.Anandaraj, Director. The following presentations were made

Winter School Training(Frontier Technologies in biotechnology in gene isolation, characterization and breeding with reference to Abiotic stress tolerance at NRCPB New Delhi) report by P.Umadevi, Scientist (Biotechnology)

Presentation on MIS by Mr.Jayarajan

Presentation by on Overview of Study circle 2013 by Dr. Sushama

After the discussion on **presentations chairman insisted the members to send the details of the papers published to the D spice repository.**

The meeting came to an end at 4.30 pm

The Special Study Circle Meeting was held on 31st January at 3:30 pm in the Silver Jubilee Hall under the chairmanship of Dr.M.Anandaraj, Director.

Contribution No 439: ***In silico screening of phytochemicals in black pepper(Piper nigrum L.) and long pepper(Piper longum L.) for potential pharmacological activities and their experimental validation.*** PhD thesis presentation for the partial fulfillment of his research at Kannur University was made by Mr.Riju.A

The synopsis presented by Mr. Riju was not acceptable as there was no analyzed data, and the parameters taken for *in silico* analysis and *invitro* studies was grossly inadequate.

The student has not even referred to the Ph D thesis submitted under Dr B Chempakam and the related papers. Literature review also must be made up to date.

The following suggestion were made by the house and Mr.Riju was asked to include these suggestions in his work,

1. The number of targets relevant to the particular nematode need to be increased for invitro assay.
2. *In vivo* validation using candidate worm is required.
3. Modulate some of the structures which are not available in the database.
4. Data has to be statistically analyzed.

The meeting came to an end at 4.30 pm

This is issued with the approval of the director.

Secretary, Study Circle