Coping with the Pandemic and Beyond:

Research and Innovations in the Plantation Crops Sector

14-16 December 2021

KOCHI

SPICES BOARD
(Ministry of Commerce & Industry, Govt. of India)
Sugandha Bhavan, NH By Pass, Palarivattom P.O.
Kochi 682 025. Tel: 0484-2333810
www.indianspices.com
Please visit our website: http://placrosym24.org
The Indian Cardamom Research Institute, Myladumpara, Idukki Dt., Kerala, under the patronage of Spices Board India is organizing the Plantation Crops Symposium (PLACROSYM XXIV), the 24 in the series, during 14 to 16 December 2021 at Kochi, Kerala. The focal theme of the Symposium is ‘Coping with the Pandemic and Beyond: Research and Innovations in the Plantation Crops Sector’. We take pleasure in inviting all the stakeholders for active participation.

PLACROSYM

The Plantation Crops Symposium (PLACROSYM) was initiated in the year 1978. PLACROSYM is held biennially under the aegis of different Research Organizations/Institutions engaged in research and development of plantation crops in the country. The objective of this symposium is to provide a common forum for interaction between the scientists and stakeholders engaged in plantation crops sector. This symposium will cover all aspects of research, development and extension of spices and plantation crops, including Genetics and Breeding, Molecular Biology and Biotechnology, Agronomy and Soil Science, Pests and Diseases, Physiology and Biochemistry, Harvesting and Post-harvest Processing Technology, Value Addition, Product Development and Diversification, Quality Control, Value Chain, Marketing, Economics, Statistics, Technology Transfer and Extension, etc. The crops include Tea, Coffee, Spices, Rubber, Coconut, Areca nut, Oil Palm, Cashew, Cocoa and other plantation crops of commercial importance.
PLACROSYM XXIV

Presently, Plantation Sector is challenged by the outbreak of pandemic COVID-19 along with the vagaries of climate, environment & habitat, pesticide usage issues, inadequate plantation labour and high input costs. To overcome the crisis, there is an imperative need to bridge strong linkages between the industry and the scientific community. In this context, the PLACROSYM XXIV with the theme *“Coping with the Pandemic and Beyond: Research and Innovations in the Plantation Crops Sector”* provides ideal platform to deliberate on various issues concerning the sector and recommend strategies for making the Plantation Crops Industry more competitive and vibrant.

ABOUT THE HOST INSTITUTE

The Indian Cardamom Research Institute, under Spices Board India, Ministry of Commerce & Industry, Govt. of India has its main Research Station at Myslewumpura, Idukki, Kerala. ICRI, with its two Regional Stations at Sakleshpur, Hassan District, Karnataka and Thadiankudisai, Dindigul District, Tamil Nadu, focus on location-specific research interventions for small cardamom growing areas in the Western Ghats. Another Regional Station functions at Tadong, Gangtok, Sikkim specifically for research on large cardamom, an important plantation crop of Sikkim, Darjeeling District of West Bengal and other North Eastern States.

VENUE

Bolgatty Palace at Bolgatty Island, Kochi is the venue of the symposium. The pristine, calm Island is situated right in the midst of the bustling city of Kochi in Ernakulam District of Kerala. Bolgatty Palace and Island Resort located in this fascinating island are owned by Kerala State Tourism Development Corporation (KTDCC). Bolgatty Palace was built by the Dutch in 1744 and is one of the oldest existing Dutch palaces outside Holland. The building was then Governor’s palace for the Commander of Dutch Malabar and in 1909 it was leased to the British. It served as the home of the British Governors, being the seat of the British Resident of Cochin during the British Raj. In 1947, when India attained independence, the palace became the property of the State and was converted into a heritage hotel resort.
THE CITY OF KOCHI

The city of Kochi is built upon a cluster of islands and peninsulas joined by the bustling multicultural town on the main land, Ernakulam. The islands are connected with the main land via boat service and bridges. Kochi is a place of tourist attraction and is well connected by air, rail, road and sea. The main tourist attractions include its backwaters, Chinese fishing nets, Jewish Synagogues and places of worship, palaces, museum, and art galleries. Besides providing a panoramic view, the city hosts a number of public and private sector industrial units, hill produce trading centres, oil refinery, shipyard, etc. which make the city the biggest commercial hub of Kerala.

REGISTRATION

Only registered delegates are permitted to attend and participate in the symposium. They are entitled to receive all relevant publications of the symposium as well as food and refreshments.

REGISTRATION FEE

<table>
<thead>
<tr>
<th>Category</th>
<th>Registration fee (₹)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Three days conference</td>
</tr>
<tr>
<td></td>
<td>(14 - 16 December, 2021)</td>
</tr>
<tr>
<td>Delegates</td>
<td>6000/-</td>
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<tr>
<td>ISPC Members</td>
<td>5000/-</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>4000/-</td>
</tr>
<tr>
<td>Students</td>
<td>2000/-</td>
</tr>
</tbody>
</table>

Last date for Registration: 30th October, 2021

Registration with late fee of ₹ 500/- will be accepted till 30, November 2021.

MODE OF PAYMENT AND ACCOUNT DETAILS

All payments should be made through online transfer/ demand draft (drawn in favour of PLACROSYM XXIV). Please provide full details of payment including scanned copy of bank remittance advice. Receipts will be issued in Indian Rupees only.

Name of bank : State Bank of India
Branch : Nedumkandam
Account Number : 40126603849
IFSC Code : SBIN0070216
MICR Code : 685002914
ORAL & POSTER PRESENTATION

The Symposium includes Inaugural Session with Keynote and Presidential addresses, lead talks by experts on various themes as well as oral and poster presentations. Selection of the oral presentation is strictly based on technical merit of the papers, as decided by the screening committee. In order to provide reasonable time slot for discussion, only limited number of papers will be considered for oral presentations. Both oral and poster presentations will have equal status and sufficient time will be provided for discussion in the respective sessions.

THEME OF SYMPOSIUM

Opening session: Impact of the pandemic COVID-19 on plantation sector

<table>
<thead>
<tr>
<th>Session 1</th>
<th>Genetics &amp; Genomics of Plantation Crops</th>
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<tbody>
<tr>
<td>Session 2</td>
<td>Technological Interventions for Sustainable Production System and Soil Health</td>
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<tr>
<td>Session 3</td>
<td>Integrated Strategies for Plant Health Management</td>
</tr>
<tr>
<td>Session 4</td>
<td>Value addition, Mechanization, Post – harvest Technology in Plantation Crops</td>
</tr>
<tr>
<td>Session 5</td>
<td>Technology transfer, Business and Policy Making in Plantation Sector</td>
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</tbody>
</table>

IMPORTANT INSTRUCTIONS TO THE AUTHORS

Full length papers for presentation should be mailed to placrosymxxiv@gmail.com

Format : As per the format of Journal of Plantation Crops
File Type : Microsoft Word document (1997–2003 format)
File Name : Running title of the paper

Guidelines to authors is provided in the website: www.indsocplantationcrops.in
Abstracts of the selected papers for presentation (both oral and poster) in the Symposium would be published in the ‘Book of Abstracts’ as soft copy will be provided in the form of USB, Pendrive. Papers presented in PLACROSYM XXIV that fulfil the norms of ‘Journal of Plantation Crops’ would be published in the Journal, after peer reviewing.

IMPORTANT DATES

| Submission of extended abstract | 31 August 2021 |
| Date of communicating Acceptance | 15 September 2021 |
| Last Date for Receipt of full paper | 15 October 2021 |

ACCOMMODATION

Hotel accommodation will be arranged on payment basis in hotels on first-come first-serve basis for which request is to be sent by email to placrosymxxiv@gmail.com. The tariff rates (₹) are given below. More details on accommodation will be informed shortly.

<table>
<thead>
<tr>
<th>Type</th>
<th>Tariff (₹ Per day)</th>
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<tbody>
<tr>
<td>Standard (A/C)</td>
<td>3000/-</td>
</tr>
<tr>
<td>Superior (A/C)/ Deluxe (A/C)</td>
<td>5000/-</td>
</tr>
<tr>
<td>Non A/C (double)</td>
<td>2000/-</td>
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</table>
AWARDS

The following awards have been instituted for significant contributions in Plantation Sector and also the best papers presented during PLACROSYM XXIV. The ISPC will process applications from eligible candidates and research papers presented during the Symposium with the help of a screening committee.

Dr. C.S. Venkataraman Memorial Awards

♦ Dr. C. S. Venkataraman Memorial Award for the best paper published in Journal of Plantation Crops.
♦ Dr. C. S. Venkataraman Memorial Award for the best original research paper well-presented at the PLACROSYM XXIV.

Dr. R. L. Narasimha Swamy Awards

♦ Dr. R. L. Narasimha Swamy Award for the best poster paper well-displayed at the PLACROSYM XXIV
♦ Dr. R. L. Narasimha Swamy Award for the second best poster paper well-displayed at the PLACROSYM XXIV.

All India Supari Betal- Nut Federation Trust Awards

♦ All India Supari Betal- Nut Federation Trust Best Areca nut Scientist Award
♦ All India Supari Betal- Nut Federation Trust Best Areca nut Farmer Award

SPONSORSHIP AND ADVERTISEMENTS

Sponsorships are invited from companies and other organizations.

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Platinum Sponsor</th>
<th>Gold Sponsor</th>
<th>Silver Sponsor</th>
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<tbody>
<tr>
<td>Display of Name and Logo</td>
<td>In the wings of backdrop and in all Conference kits</td>
<td>Below the Platinum Sponsor in the backdrop</td>
<td>Printing of Logo inside the Conference bag</td>
</tr>
<tr>
<td>Display in souvenir</td>
<td>Centre Spread Page</td>
<td>Opening Page</td>
<td>Back Page</td>
</tr>
<tr>
<td>Free registration</td>
<td>3 persons</td>
<td>2 persons</td>
<td>1 person</td>
</tr>
<tr>
<td>Amount (₹)</td>
<td>3.00 lakhs</td>
<td>2.00 lakhs</td>
<td>1.00 lakhs</td>
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Advertisements for the souvenir and exhibition stall to be provided as detailed below.

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Full page colour advertisement (₹)</th>
<th>Half page colour advertisement (₹)</th>
<th>Exhibition stall (₹) (3X3mts)</th>
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<tbody>
<tr>
<td></td>
<td>50,000/-</td>
<td>25,000/-</td>
<td>25,000/-</td>
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</table>
PATRON
Shri D. Sathiyen IFS, Secretary & Chairman/l.c, Spices Board

GENERAL CHAIRPERSON
Dr. A. B. Rema Shree, Director (Research ), Spices Board

GENERAL CONVENER
Dr. K. Dhanapal, Head of the Department (Crop Protection)
Indian Cardamom Research Institute

ORGANIZING INSTITUTIONS
Research Institutions
✦ Central Coffee Research Institute, Batehonnur -577117, Karnataka
✦ ICAR- Central Plantation Crops Research Institute, Kasaragod- 671124, Kerala
✦ Coconut Development Board, Kochi- 682011, Kerala
✦ ICAR- Directorate of Cashew Research, Puttur -574202, Karnataka
✦ Indian Cardamom Research Institute, Myladumpara- 685553, Kerala
✦ ICAR- Indian Institute of Oil Palm Research, Pedavegi -534450, Andhra Pradesh
✦ ICAR- Indian Institute of Spices Research, Kozhikode -673012, Kerala
✦ Rubber Research Institute of India, Kottayam -686009, Kerala
✦ Tea Research Association –Tocklai Experiment Station, Jorhat -785008, Assam
✦ UPASI Tea Research Institute, Valparai -642127, Tamil Nadu

Professional Societies
✦ Indian Society for Plantation Crops CPCRI, Kasaragod-671124, Kerala
✦ Society for Promotion of Oil Palm Research and Development (SOPOPRAD), Pedavegi-534450, Andhra Pradesh

STANDING COMMITTEE
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✦ Dr. N. SuryaprakashRao
✦ Dr. A. K. Barooah
✦ Dr. M. D. Jessy
✦ Dr. Victor J. Ilango
✦ Shri Rajeev Bhushan Prasad

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✦ Dr. Manoj Oommen
✦ Dr. P. Thiagarajan
✦ Smt. M. N. Geetha
# Registration Form

## Placrosym XXIV

14 - 16 December 2021

<table>
<thead>
<tr>
<th>Full Name</th>
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<tbody>
<tr>
<td>Designation</td>
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<tr>
<td>Affiliation</td>
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<td>Address for communication</td>
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<td>Mobile</td>
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<tr>
<td>Title of Paper</td>
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| Name of the First Author |  |

<table>
<thead>
<tr>
<th>Name of Session (in which paper to be presented)</th>
<th>Invited Talk</th>
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<tbody>
<tr>
<td></td>
<td>Paper for presentation</td>
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<td>(Tick wherever necessary)</td>
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## Payment of Registration Fee:

<table>
<thead>
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<th>Amounts (₹)</th>
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<td>Demand Draft Number/online remittance details</td>
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<tr>
<td>Date</td>
<td>Name of the Bank</td>
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**FOR OFFICE USE ONLY**

- Patron/Sponsored Delegate: .................................................................
- Member ISPC: ....................................................................................
- Invited Paper/Oral Poster: ............................................................
- Registration Cleared: Yes [ ] No [ ]
- Signature of the Convener: ...........................................................

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*All the correspondence may be sent to*

**Dr. K. Dhanapal**

General Convener

**PLACROSYM XXIV**

Indian Cardamom Research Institute

Myladumpara, Idukki (Dt.), Kerala 685 553

E-mail: placrosymxxiv@gmail.com

Please visit our website: [http://placrosym24.org](http://placrosym24.org)

Mobile: 9443928031, 8547138279, Office 04868 – 237206, 237207