## Technical programme-ACRDN 9

**Date: 6-12-2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>9.30-11.00</td>
<td>Inaugural programme</td>
<td>Inauguration of the function at the Hands of Shri Jagdeep Dhankar, Hon’ble Vice President of India</td>
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<tr>
<td>11.00-11.30</td>
<td>Coffee break</td>
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</table>
| 11.30-13.30   | Plenary lectures (1, 2 and 3)              | Chair: Dr. Himanshu Pathak, Secretary (DARE) & DG (ICAR), New Delhi  
Co-chair: Mr. Eric Trachtenberg, ED, ICAC, Washington DC, USA  
Speakers:  
- Dr. Michael Bange, Commercial Research Manager Cotton Seed Distributors, Australia  
Integrated approach to improve and sustain cotton production System  
- Dr. S.N. Jha, DDG (AE), ICAR, New Delhi  
Mechanization of Cotton Cultivation in India: Issues and Prospects  
- Dr. S. K. Chaudhari, DDG (NRM), ICAR, New Delhi  
Research and Policy imperatives for adaptation to climate change in cotton and other field crops - Learnings from NICRA  
Rapporteur: Dr. R. Raja, PS, ICAR-CICR, Coimbatore |
| 13.30-14.30   | Lunch                                      |                                                                                                                                         |
| 14.30-15.00   | Award Function                             | Distribution of ISCI & ICAR-CIRCOT Awards & Release of Publications  
Chief Guest: Dr. Himanshu Pathak, Secretary DARE, DG, ICAR  
Guests of Honour: Dr. S. N. Jha, DDG (Agril. Engg.), ICAR  
Dr. S. K. Chaudhari, DDG (NRM), ICAR  
Presided over by: Dr. C. D. Mayee, Former Chairman, ASRB & President, ISCI, Mumbai |
| 15.00-18.00   | Concurrent sessions 1-5 (50 papers)        | 10 papers per session each of 15 minutes  
15 minutes coffee break after 5 presentations  
5 min for Chairman’s introductory remark and 5 minutes closing remark. |
| 18.00-18.30   | Coffee break                               |                                                                                                                                         |
| 18.30-19.30   | Special lectures                           | Chair: Dr. S.N.Jha, DDG (Agril. Engg.), ICAR, New Delhi  
Co-Chair: Dr. C. D. Mayee, Former Chairman, ASRB & President, ISCI, Mumbai  
Speakers:  
- Shri Ram Kaundinya, Director General, FSII  
Dr. B.R. Barwale Memorial Lecture  
- Shri DL Tambhale, Director Agril. (ATMA), MS  
Cotton value chain development initiatives in Maharashtra state  
Rapporteur: Dr. Sujata Saxena, PS & Head (CBPD), CIRCOT, Mumbai |
| 19.30 onwards | Dinner                                     | Venue: ICAR-CIRCOT                                                                                                                      |

**Date: 7-12-2023**

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| 9.00-10.00    | Poster session 1                           | Chair: Dr. K. R. Kranthi, Chief Scientist, International Cotton Advisory Committee, Washington DC, USA  
Co-chair: Dr. D. K. Yadava, ADG (Seeds), ICAR, New Delhi  
Speakers: |
<p>| 10.00-11.15   | Plenary lectures (4 and 5)                 |                                                                                                                                         |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Chair/Co-chair/Spokespersons</th>
</tr>
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<tbody>
<tr>
<td>11.15-11.30</td>
<td>Coffee break</td>
<td>Rapporteur: Dr. G. Balasubramani, PS, ICAR-CICR, Nagpur</td>
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<tr>
<td>11.30-13.30</td>
<td>Plenary lectures (6 and 7)</td>
<td>Chair: Dr. P. G. Patil, Vice Chancellor, MPKV, Rahuri</td>
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<td>Co-chair: Dr. Y. G. Prasad, Director, ICAR – CICR, Nagpur</td>
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<td>⬤ Dr. Marc Giband, Research Scientist, CIRAD, France</td>
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<td></td>
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<td>Challenges in Breeding for resilience in Cotton</td>
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<td>Rapporteur: Dr. G. Balasubramani, PS, ICAR-CICR, Nagpur</td>
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<tr>
<td>13.30-14.30</td>
<td>Lunch</td>
<td>Rapporteur: Dr. Joy Das, Scientist, CICR, Nagpur</td>
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<tr>
<td>14.30-17.30</td>
<td>Concurrent sessions 6-10 (50 papers)</td>
<td>Chair: Dr. Ramasami, CEO, M/s. Rasi Seeds Pvt Ltd</td>
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<td>Co-chair: Dr. K. Narsaiyah, ADG (PE), ICAR, New Delhi</td>
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<td>⬤ Dr. Fakhrre Alam Ibne Tabib, ED, CDB, Bangladesh</td>
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<td>Sustainability issues in cotton value chain development and utilisation</td>
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<td>⬤ Mr. Bhagirath Chaudhary, Founder Director, South Asia Biotechnology Centre</td>
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<td>Field-level scientific approaches to improve the cotton production system in India</td>
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<td>Rapporteur: Dr. A. Manivannan, Senior Scientist, CICR-Coimbatore</td>
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<tr>
<td>17.30-17.45</td>
<td>Coffee break</td>
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<tr>
<td>17.45-19.00</td>
<td>Suresh Kotak International lectures</td>
<td>Rapporteur: Dr. Joy Das, Scientist, CICR, Nagpur</td>
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<tr>
<td>19.00</td>
<td>Dinner</td>
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Date: 8-12-2023

<table>
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<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Chair/Co-chair/Spokespersons</th>
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<tbody>
<tr>
<td>9.00-10.00</td>
<td>Poster session II</td>
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<tr>
<td>10.00-11.10</td>
<td>Concurrent sessions 11-14 (16 papers)</td>
<td>4 papers per session each of 15 minutes, 5 min for Chairman’s introductory remark and 5 minutes closing remark.</td>
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<td>11.10-11.30</td>
<td>Coffee break</td>
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<tr>
<td>11.30-12.10</td>
<td>Plenary lecture 8</td>
<td>Chair: Shri Suresh Kotak, Chairman, TAG, Ministry of Textiles, GoI</td>
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<td>Co-chair: Dr. S. Sreenivasan, Former Director</td>
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<td>ICAR-CIRCOT, Mumbai</td>
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<tr>
<td></td>
<td></td>
<td>Speaker:</td>
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<td></td>
<td>⬤ Dr. K. R. Kranthi, Chief Scientist, ICAC, Washington DC, USA</td>
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<td>Cotton the Hate Stories</td>
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</table>
Poster session I: 7-12-2023 from 9.00 to 10.00 am - Poster number 1-26

Poster Evaluation Committee I

1. Dr. Nawab Ali, Former DDG (Agril. Engg.), ICAR, New Delhi
2. Dr. A. L. Wagmare, Director, DCD, Nagpur
3. Dr. G. Balasbramani, Principal Scientist, CICR, Nagpur
4. Dr. D. T. Nagrale, Principal Scientist, CICR, Nagpur
5. Dr. Sujata Saxena, Principal Scientist & Head (CBPD), CIRCOT, Mumbai (Coordinator)

Poster session II: 8-12-2023 from 9.00 to 10.00 am - Poster number 27-51

Poster Evaluation Committee II

1. Dr. R. P. Kachru, Former ADG (PE), ICAR, New Delhi
2. Dr. R. P. Nachane, Former Head, CIRCOT, Mumbai
3. Dr. Mirza Kamol Ayubov, Uzbekistan
4. Dr. A. S. Tayade, Principal Scientist, CICR, Nagpur
5. Dr. N. Shanmugam, Principal Scientist & Head (MPD), CIRCOT, Mumbai (Coordinator)

Day wise concurrent and poster summary

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<tr>
<th>Theme</th>
<th>Total</th>
<th>Oral</th>
<th>Dec 6</th>
<th>Dec 7</th>
<th>Dec 8</th>
<th>Poster</th>
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<tr>
<td>Advances in cotton genetic improvement molecular biology, biotechnology and genomics</td>
<td>42</td>
<td>16</td>
<td>9</td>
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<td>BMP for climate resilience, soil health and sustainable cotton production</td>
<td>33</td>
<td>17</td>
<td>9</td>
<td>7</td>
<td>4</td>
<td>7</td>
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<td>Changing pest and disease scenario in the cotton agro-system</td>
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<td>21</td>
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<td>4</td>
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<td>Cotton by-produce &amp; by-product utilization, value addition and circular economy</td>
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<td>8</td>
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<td>Ginning, spinning, fibre processing and textile technologies</td>
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<td>Precision cotton farming, mechanization, sensors, AI, IoT and Robotics</td>
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<td>Innovations in cotton trade, testing, traceability, technology transfer and socio-economics</td>
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## Concurrent session details

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<tr>
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<th>Session 1</th>
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<th>Session 3</th>
<th>Session 4</th>
<th>Session 5</th>
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<tr>
<td>Dec 06, 2023</td>
<td>Advances in cotton genetic improvement, molecular biology, biotechnology and genomics (9)</td>
<td>BMP for climate resilience, soil health and sustainable cotton production (9)</td>
<td>Changing pest and disease scenario in the cotton agro-ecosystem (10)</td>
<td>Ginning, spinning, fibre processing and textile technologies (10)</td>
<td>Cotton by-produce &amp; by-product utilization, value addition and circular economy (11)</td>
</tr>
<tr>
<td>Chair</td>
<td>Dr. P. K. Chakrabarty, Former Member, ASRB, New Delhi</td>
<td>Dr. S. R. Gadakh, VC, Dr. PDKV, Akola</td>
<td>Dr. Y. G. Prasad, Director, ICAR-CICR, Nagpur</td>
<td>Dr. K. K. Singh, VC, SVPUAT, Meerut</td>
<td>Dr. Indramani Mishra, VC, VNMKV, Parbhani</td>
</tr>
<tr>
<td>Co-Chair</td>
<td>Dr. B. M. Khadi, Former Dean, UAS, Dharwad</td>
<td>Dr. Pankaj Rathore, Principal Cotton Breeder (RRS Faridkot), PAU</td>
<td>Dr. Rishi Kumar, Head (Sirsa), ICAR-CICR</td>
<td>Dr. G. S. Nadiger, Former Director, Textiles Committee</td>
<td>Dr. R. H. Balasubramanya, Former Head, ICAR-CIRCOT, Mumbai</td>
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<tr>
<td>Rapporteur</td>
<td>Dr. K. P. Raghavendra, Sr. Scientist, ICAR-CICR, Nagpur</td>
<td>Dr. Annie Sheeba, Sr. Scientist, ICAR-CICR, Coimbatore</td>
<td>Dr. Gulzar Banu, PS, ICAR-CICR, Nagpur</td>
<td>Dr. Krishna Prasad, Sr. Scientist, ICAR-CIRCOT, Mumbai</td>
<td>Dr. K. Pandiyani, Sr. Scientist, ICAR-CIRCOT, Nagpur</td>
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<td>Venue</td>
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<td>SN Pandey Conference Hall</td>
<td>Training hall</td>
<td>NLAMC Hall</td>
<td>Sundaram Committee Room</td>
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<tr>
<td>Dec 07, 2023</td>
<td>Advances in cotton genetic improvement, molecular biology, biotechnology and genomics (9)</td>
<td>BMP for climate resilience, soil health and sustainable cotton production (7)</td>
<td>Changing pest and disease scenario in the cotton agro-ecosystem (10)</td>
<td>Ginning, spinning, fibre processing and textile technologies (10)</td>
<td>Precision cotton farming, mechanization, sensors, AI, IoT and robotics (9)</td>
</tr>
<tr>
<td>Chair</td>
<td>Dr. A. H. Prakash, Head, ICAR-CICR, Coimbatore</td>
<td>Dr. V. Kumar, Former Head, Cotton Research Station, Surat</td>
<td>Dr. T. P. Rajendran, Former ADG (PP), ICAR</td>
<td>Dr. D. B. Shakyawar, Director, ICAR - NINFET</td>
<td>Dr. S. N. Jha, DDG (Agril. Engg.), ICAR, New Delhi</td>
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<tr>
<td>Co-chair</td>
<td>Dr. Md. Reza, Researcher, Cotton research institute (AREEEO of Iran)</td>
<td>Dr. P. Nalayani, PS, ICAR-CICR, Nagpur</td>
<td>Dr. G. T. Behere, Head (CP), ICAR-CICR, Nagpur</td>
<td>Dr. G. R. Anap, International Ginning Consultant</td>
<td>Dr. Abhijit Kar, Director, ICAR-NISA, Ranchi</td>
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<td>Rapporteur</td>
<td>Dr. Manharlal Patel, Research Scientist, NAU, Surat</td>
<td>Dr. G. I. Ramkrushna, Sr. Scientist, ICAR-CICR, Nagpur</td>
<td>Dr. Satnam Singh, Cotton Entomologist, PAU, Ludhiana</td>
<td>Dr. G. T. V. Prabu, Sr. Scientist, ICAR-CIRCOT, Mumbai</td>
<td>Dr. S. S. Kautkar, Scientist, ICAR-CIRCOT, Mumbai</td>
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<td>NLAMC Hall</td>
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<td>Session 11</td>
<td>Dec 08, 2023</td>
<td>Advances in cotton genetic improvement, molecular biology, biotechnology and genomics (3)</td>
<td>BMP for climate resilience, soil health and sustainable cotton production (4)</td>
<td>Changing pest and disease scenario in the cotton agro-ecosystem (4)</td>
<td>Innovations in cotton trade, testing, traceability, technology transfer and socio-economics (5)</td>
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<tr>
<td>Chair</td>
<td>Dr. D. P. Waskar, Director of Research, VNMKV Parbhani</td>
<td>Dr. M.S. Kairon, Former Director, ICAR-CICR, Nagpur</td>
<td>Dr. Sandhya Kranthi, Former Head (CP), ICAR-CICR, Nagpur</td>
<td>Shri Suresh Kotak, Chairman, TAG, GoI</td>
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<td>Co-Chairman</td>
<td>Dr. S. Manickam, PS, ICAR-CICR, Nagpur</td>
<td>Dr. Shankar Narayan, PS, ICAR-CICR, Nagpur</td>
<td>Dr. A. G. Shrinivas, Professor, UAS, Raichur</td>
<td>Dr. Sadanand Patel, Former Head, IGKV, Raipur</td>
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<td>Rapporteur</td>
<td>Dr. K. Baghyalakshmi, Scientist, ICAR-CICR, Coimbatore</td>
<td>Dr. G. I. Ramkrushna, Sr. Scientist, ICAR-CICR, Nagpur</td>
<td>Dr. H. R. Desai, Associate Research Scientist, NAU, Surat</td>
<td>Dr. Usha Rani, PS, ICAR-CICR, Coimbatore</td>
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