

Technical programme-ACRDN 9

Date: 6-12-2023

9.30-11.00	Inaugural programme	Inauguration of the function at the Hands of Shri Jagdeep Dhankar , Hon'ble Vice President of India
11.00-11.30	Coffee break	
11.30-13.30	Plenary lectures (1,2 and 3)	<p>Chair: Dr. Himanshu Pathak, Secretary (DARE) & DG (ICAR), New Delhi</p> <p>Co-chair: Mr. Eric Trachtenberg, ED, ICAC, Washington DC, USA</p> <p>Speakers:</p> <ul style="list-style-type: none"> • 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 <p>Rapporteur: Dr. R. Raja, PS, ICAR-CICR, Coimbatore</p>
13.30-14.30	Lunch	
14.30-15.00	Award Function	<p>Distribution of ISCI & ICAR-CIRCOT Awards & Release of Publications</p> <p>Chief Guest: Dr. Himanshu Pathak, Secretary DARE, DG, ICAR</p> <p>Guests of Honour: Dr. S. N. Jha, DDG (Agril. Engg.), ICAR Dr. S. K. Chaudhari, DDG (NRM), ICAR</p> <p>Presided over by: Dr. C. D. Mayee, Former Chairman, ASRB & President, ISCI, Mumbai</p>
15.00-18.00	Concurrent sessions 1-5 (50 papers)	<p>10 papers per session each of 15 minutes</p> <p>15 minutes coffee break after 5 presentations</p> <p>5 min for Chairman's introductory remark and 5 minutes closing remark.</p>
18.00-18.30	Coffee break	
18.30-19.30	Special lectures	<p>Chair: Dr. S.N.Jha, DDG (Agril. Engg.), ICAR, New Delhi</p> <p>Co-Chair: Dr. C. D. Mayee, Former Chairman, ASRB & President, ISCI, Mumbai</p> <p>Speakers</p> <ul style="list-style-type: none"> • 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 <p>Rapporteur: Dr. Sujata Saxena, PS & Head (CBPD), CIRCOT, Mumbai</p>
19.30 onwards	Dinner	Venue: ICAR-CIRCOT

Date: 7-12-2023

9.00-10.00	Poster session 1	
10.00-11.15	Plenary lectures (4 and 5)	<p>Chair: Dr. K. R. Kranthi, Chief Scientist, International Cotton Advisory Committee, Washington DC, USA</p> <p>Co-chair: Dr. D. K. Yadava, ADG (Seeds), ICAR, New Delhi</p> <p>Speakers:</p>

		<ul style="list-style-type: none"> • Dr. Vasu Kuraparthi, Professor, NCSU, USA New breeding tools for harnessing the genetic potential in cotton (online presentation) • Dr. Marc Giband, Research Scientist, CIRAD, France Challenges in Breeding for resilience in Cotton Rapporteur: Dr. G. Balasubramani , PS, ICAR-CICR, Nagpur
11.15-11.30	Coffee break	
11.30-13.30	Plenary lectures (6 and 7)	Chair: Dr. P. G. Patil , Vice Chancellor, MPKV, Rahuri Co-chair: Dr. Y. G. Prasad , Director, ICAR – CICR, Nagpur <ul style="list-style-type: none"> • Dr. Mega Parajulee, Regents Fellow, Texas A&M, USA Cotton IPM in United States, History, Livelihood and Technological advancement • Dr. Mohamed Negm, Chairman, ICRA & Head, spinning Research Dept., CRI, Egypt Cotton fabrics and climate change Rapporteur: Dr. Joy Das , Scientist, CICR, Nagpur
13.30-14.30	Lunch	
14.30-17.30	Concurrent sessions 6-10 (50 papers)	8-10 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.
17.30-17.45	Coffee break	
17.45-19.00	Suresh Kotak International lectures	Chair: Dr. Ramasami , CEO, M/s. Rasi Seeds Pvt Ltd Co-chair: Dr. K. Narsaiah , ADG (PE), ICAR, New Delhi Speakers: <ul style="list-style-type: none"> • Dr. Fakhre Alam Ibne Tabib, ED, CDB, Bangladesh Sustainability issues in cotton value chain development and utilisation • Mr. Bhagirath Chaudhary, Founder Director, South Asia Biotechnology Centre Field-level scientific approaches to improve the cotton production system in India Rapporteur: Dr. A. Manivannan , Senior Scientist, CICR-Coimbatore
19.00	Dinner	

Date: 8-12-2023

9.00-10.00	Poster session II	
10.00-11.10	Concurrent sessions 11-14 (16 papers)	4 papers per session each of 15 minutes, 5 min for Chairman's introductory remark and 5 minutes closing remark.
11.10-11.30	Coffee break	
11.30-12.10	Plenary lecture 8	Chair: Shri Suresh Kotak , Chairman, TAG, Ministry of Textiles, GoI Co-chair: Dr. S. Sreenivasan , Former Director ICAR-CIRCOT, Mumbai Speaker: <ul style="list-style-type: none"> • Dr. K. R. Kranthi, Chief Scientist, ICAC, Washington DC, USA Cotton the Hate Stories

		<ul style="list-style-type: none"> • Dr. Ayubov Mirzakamol, Deputy Director, Centre of Genomics and Bioinformatics, Academy of Sciences of Uzbekistan, Uzbekistan Cotton Fibre Genomics Rapporteur: Dr. N. Shanmugam , Principal Scientist & Head (MPD), ICAR-CIRCOT
12.15-13.15	Valedictory and Concluding session	ICAC and ICRA updates, Election of new Chair of ACRDN Award of Certificates to Sponsors, Concluding remarks, Vote of Thanks Rapporteur: Dr. C. Sundaramoorthy , Principal Scientist, ICAR-CIRCOT, Mumbai
13.15-14.00	Lunch	
14.00-20.00	Technical tour	

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. Waghmare, 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

Theme	Total	Oral			Poster	
		Dec 6	Dec 7	Dec 8	Dec 7	Dec 8
Advances in cotton genetic improvement molecular biology, biotechnology and genomics	42	9	9	3	10	11
BMP for climate resilience, soil health and sustainable cotton production	33	9	7	4	7	6
Changing pest and disease scenario in the cotton agro-system	38	10	10	4	7	7
Cotton by-produce & by-product utilization, value addition and circular economy	12	11	0	0	1	0
Ginning, spinning, fibre processing and textile technologies	22	10	10	0	0	2
Precision cotton farming, mechanization, sensors, AI, IoT and Robotics	10	0	9	0	1	0
Innovations in cotton trade, testing, traceability, technology transfer and socio-economics	5	0	0	5	0	0
TOTAL	162	49	45	16	26	26

Concurrent session details

	Session 1	Session 2	Session 3	Session 4	Session 5
Dec 06, 2023	Advances in cotton genetic improvement, molecular biology, biotechnology and genomics (9)	BMP for climate resilience, soil health and sustainable cotton production (9)	Changing pest and disease scenario in the cotton agro-ecosystem (10)	Ginning, spinning, fibre processing and textile technologies (10)	Cotton by-produce & by-product utilization, value addition and circular economy (11)
Chair	Dr. P. K. Chakrabarty , Former Member, ASRB, New Delhi	Dr. S. R. Gadakh , VC, Dr. PDKV, Akola	Dr. Y. G. Prasad , Director, ICAR-CICR, Nagpur	Dr. K. K. Singh , VC, SVPUAT, Meerut	Dr. Indramani Mishra , VC, VNMKV, Parbhani
Co-Chair	Dr. B. M. Khadi , Former Dean, UAS, Dharwad	Dr. Pankaj Rathore , Principal Cotton Breeder (RRS Faridkot), PAU	Dr. Rishi Kumar , Head (Sirsa), ICAR-CICR	Dr. G. S. Nadiger , Former Director, Textiles Committee	Dr. R. H. Balasubramanya , Former Head, ICAR-CIRCOT, Mumbai
Rapporteur	Dr. K. P. Raghavendra , Sr. Scientist, ICAR-CICR, Nagpur	Dr. Annie Sheeba , Sr. Scientist, ICAR-CICR, Coimbatore	Dr. Gulzar Banu , PS, ICAR-CICR, Nagpur	Dr. Krishna Prasad , Sr. Scientist, ICAR-CIRCOT, Mumbai	Dr. K. Pandiyan , Sr. Scientist, ICAR-CIRCOT, Nagpur
Venue	Jubilee hall	SN Pandey Conference Hall	Training hall	NLAMC Hall	Sundaram Committee Room
	Session 6	Session 7	Session 8	Session 9	Session 10
Dec 07, 2023	Advances in cotton genetic improvement, molecular biology, biotechnology and genomics (9)	BMP for climate resilience, soil health and sustainable cotton production (7)	Changing pest and disease scenario in the cotton agro-ecosystem (10)	Ginning, spinning, fibre processing and textile technologies (10)	Precision cotton farming, mechanization, sensors, AI, IoT and robotics (9)
Chair	Dr. A. H. Prakash , Head, ICAR-CICR, Coimbatore	Dr. V. Kumar , Former Head, Cotton Research Station, Surat	Dr. T. P. Rajendran , Former ADG (PP), ICAR	Dr. D. B. Shakyawar , Director, ICAR - NINFET	Dr. S. N. Jha , DDG (Agril. Engg.), ICAR, New Delhi

Co-chair	Dr. Md. Reza, Researcher, Cotton research institute (AREEO of Iran)	Dr. P. Nalayani, PS, ICAR-CICR, Nagpur	Dr. G. T. Behere, Head (CP), ICAR-CICR, Nagpur	Dr. G. R. Anap, International Ginning Consultant	Dr. Abhijit Kar, Director, ICAR- NISA, Ranchi
Rapporteur	Dr. Manharlal Patel, Research Scientist, NAU, Surat	Dr. G. I. Ramkrushna, Sr. Scientist, ICAR- CICR, Nagpur	Dr. Satnam Singh, Cotton Entomolog ist, PAU, Ludhiana	Dr. G. T. V. Prabu, Sr. Scientist, ICAR- CIRCOT, Mumbai	Dr. S. S. Kautkar, Scientist, ICAR- CIRCOT, Mumbai
Venue	Jubilee hall	SN Pandey Conference Hall	Training hall	Sundaram Committee Room	NLAMC Hall
	Session 11	Session 12	Session 13	Session 14	
Dec 08, 2023	Advances in cotton genetic improvement, molecular biology, biotechnology and genomics (3)	BMP for climate resilience, soil health and sustainable cotton production (4)	Changing pest and disease scenario in the cotton agro- ecosystem (4)	Innovations in cotton trade, testing, traceability, technology transfer and socio- economics (5)	
Chair	Dr. D. P. Waskar, Director of Research, VNMKV Parbhani	Dr. M.S. Kairon, Former Director, ICAR- CICR, Nagpur	Dr. Sandhya Kranthi, Former Head (CP), ICAR-CICR, Nagpur	Shri Suresh Kotak, Chairman, TAG, GoI	
Co-Chairman	Dr. S. Manickam, PS, ICAR-CICR, Nagpur	Dr. Shankar Narayan, PS, ICAR-CICR, Nagpur	Dr. A. G. Shrinivas, Professor, UAS, Raichur	Dr. Sadanand Patel, Former Head, IGKV, Raipur	
Rapporteur	Dr. K. Baghyalakshmi, Scientist, ICAR-CICR, Coimbatore	Dr. G. I. Ramkrushna, Sr. Scientist, ICAR-CICR, Nagpur	Dr. H. R. Desai, Associate Research Scientist, NAU, Surat	Dr. Usha Rani, PS, ICAR-CICR, Coimbatore	
Venue	Jubilee hall	SN Pandey Conference Hall	Training hall	Sundaram Committee Room	