



# International Congress on "Cotton and Other Fibre Crops" at



ICAR Research Complex for NEH Region, Umiam (Barapani) - 793 103. Meghalaya

**20-23 February, 2018**

**Jointly Organised by :**  
ICAR Research Complex for NEH Region, Umiam  
and  
Cotton Research and Development Association (CRDA), CCS HAU, Hisar

**In collaboration with :**  
Indian Council of Agricultural Research (ICAR), New Delhi  
and  
Indian Association of Hill Farming (IAHF), Umiam

### **Dr. S. V Ngachan**

Chairman, International Congress and  
Director, ICAR-RCNEH Region, Umiam  
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### **Dr. Anup Das**

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**For further details please visit :  
[www.crdaindia.com](http://www.crdaindia.com)**

### **Dr. R. S. Sangwan**

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### **Dr. M. S. Chauhan**

Secretary, Cotton Research and  
Development Association (CRDA)  
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The Executive Council of Cotton Research and Development Association (CRDA), the President, Indian Association of Hill Farming (IAHF) and Director, ICAR Research Complex for NEH Region, Umiam, Meghalaya will welcome the researchers, teachers, students, agricultural professionals, traders and other entrepreneurs to the **International Congress on "Cotton and other Fibre Crops"** at ICAR-RC-NEH Region, Umiam during 20-23 February, 2018

### Scope, Aims and Objectives of the Congress

Cotton is one of the most ancient and very important commercial crop of global importance with a significant role in Indian agriculture, industrial development, employment generation and improving the national economy. It is cultivated for domestic consumption and also exported worldwide in about 111 countries and hence called "King of Fibres" or "White Gold". Millions of people depend on cotton cultivation, trade, transportation, ginning and processing for their livelihood. Cotton is basically cultivated for its fibre which is used as textile raw material.

India, the second largest producer, consumer as well as exporters of cotton next to China and continue to maintain the largest area under cotton. The productivity of cotton has not made headway because of more than 70 per cent area is under rainfed cultivation and appearance of new diseases and insect-pests in transgenic cotton.

In order to maintain pace with the increased demand for the commodity, both in national and international market, it is imperative to give impetus for development of new cotton varieties and hybrids with appropriate cultivation technologies. Introduction of large number of private sector *Bt* cotton hybrids have brought a welcome change in recent times as far as production gains are concerned.

Jute is predominantly a rainfed annual crop. Its cultivation is labour intensive, but it requires relatively small quantities of other inputs such as fertilizers and pesticides and can be carried out in small holdings. Jute and Kenaf are cultivated almost exclusively in developing countries and East Africa and in some parts of Latin America, Bangladesh, India and Thailand account for over 90 per cent of world production. Jute competes for land with food crop such as paddy rice in India and Bangladesh and Cassava in Thailand. Jute is used to make yarn for the manufacturing of traditional products such as hessian cloth, sacks, carpet backing and other floor covering materials, food grade bags for cereals and sugar diversified products such as composites geo-textile, paper pulp and decorative materials.

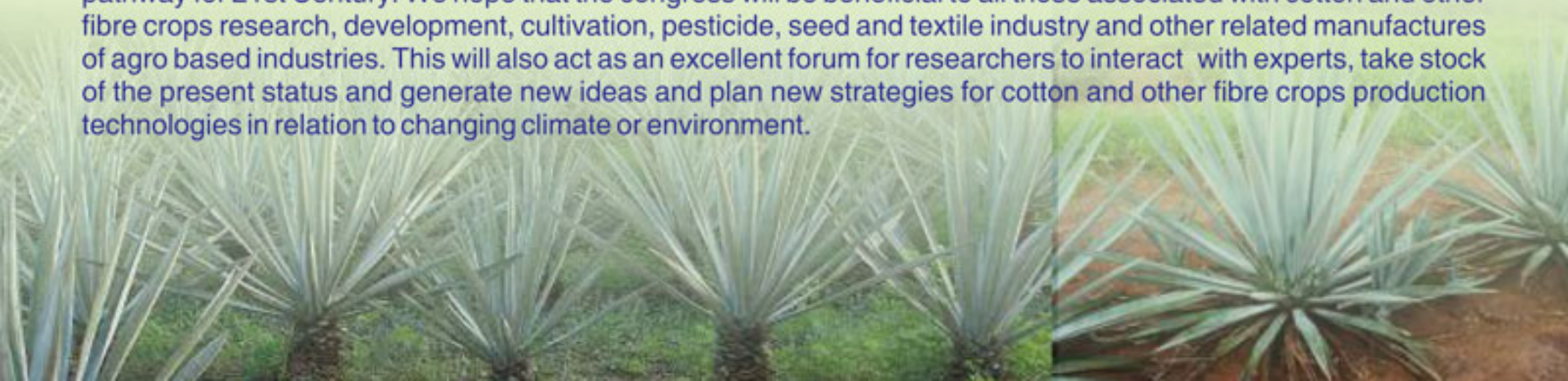
Exports of fibre are projected to remain at around 250000 tonnes. Further reduction in trade are expected to be constrained by China's strengthening import, Bangladesh is expected to remain the largest net exporting country accounting for over 75 per cent of world trade in aggregated jute fibre and goods.

In addition to jute there are many major and other fibre crops for which the cultivation and marketing is continuously in progress in small and large quantities to developing and developed countries of the world namely ; Flax, Hemp, Ramie, Sunhemp, Kenaf, China Jute, Indian Mallow, Roselle, Ramie Aramina, Abaca, Manila Hemp, Agaves, Henequen, Mexican Sisal, Sisal, Maguey, Mauritius Hemp, New Zealand Flax, Bowstring Hemp, Coconut Pineapple, Floja, Caroa etc.

The Jute, flax, cotton, ramie, Mesta, agave, banana, pineapple etc. are the important fibre crops of north eastern region of India. However, the productivity and area coverage is very low. Technological backstopping and adequate policy support would pave the way for improving fibre crop scenario in the region. The Congress would give the scientists, experts and officials working in the region a platform to share their ideas with experts from other parts of the country and abroad which would be helpful in developing a strategy for the fibre crop development in the region.

### Objectives of the Congress

The Congress is planned to provide a common platform to agricultural scientists both from public and private sectors, extension functionaries and policy makers to share their experiences and expertise to discuss various issues related to cotton and other fibre crops research and production technologies so as to track a pathway for 21st Century. We hope that the congress will be beneficial to all those associated with cotton and other fibre crops research, development, cultivation, pesticide, seed and textile industry and other related manufactures of agro based industries. This will also act as an excellent forum for researchers to interact with experts, take stock of the present status and generate new ideas and plan new strategies for cotton and other fibre crops production technologies in relation to changing climate or environment.





## The Scientific Programme

The Congress will cover inter disciplinary lead/invited papers/corporate lectures/contributory lectures and parallel oral and poster presentations covering the theme of the event. The lead papers and key note addresses will be sought, with a focus on achieving a truly international dialogue with regard to cotton and other fibre crops research and development, will be delivered by leading luminaries in their respective fields of the country and abroad.

Keeping in view the present day threats in cotton and other fibre crops cultivation and sustainability and to tap new opportunities, this congress is being organised with the following theme areas :

## Theme Areas

**Crop Improvement** : Plant Breeding, Genetics, Plant Biotechnology, Seed Science and Technology, Molecular Biology, Genetic Engineering, Nano Technology, Environmental Sciences, Life Sciences, Fibre Technology and Textile Industry

- Biotechnology and Bioinformatics
- Role of conventional breeding in strengthening GM cotton
- Molecular breeding approaches
- Status and scope of Asiatic cotton production
- Biodiversity and germplasm enhancement
- Fibre quality evaluation and preservation
- Standards of produce and products
- Packing and safe storage
- Ginning and processing

**Crop Production** : Agronomy, Soil Science, Weed Science, Plant Physiology, Biochemistry

- Resource conservation technology
- Integrated nutrient management
- Integrated weed management
- Micro irrigation
- Organic farming
- Low cost input technologies and crop husbandry
- Precision farming
- Crop adaptation, modeling and simulation under changed climate
- Agronomy of transgenic cotton
- Conservation agriculture in *Bt* cotton
- High density planting system
- Remunerative of farming and cropping system
- Crop physiology

**Crop Protection** : Plant Pathology, Entomology, Nematology, Microbiology, Pesticide Industry, Agro Chemicals Division

- Disease forecasting and modeling
- Habitat management and ecological engineering
- Biointensive IPM for *Bt* cotton
- *Bt* cotton and secondary pest problems
- *Bt* cotton impact on natural enemies and pollinators
- *Bt* cotton and arthropod biodiversity
- Biopesticides
- Exploitation of bioactive and new molecules
- Emerging insect pests and diseases and their management
- IPM/IRM/IDM strategies : Recent developments
- Mapping and management of insect-pests and diseases of national importance
- Emerging problems subsequent to the introduction of *Bt* cotton : Measures to combat them

**Social Sciences** : Extension Education, Economics, Animal Nutrition, Clothing and Textile, Agricultural Engineering, Statistics, Live Departments and others

- Application of geomatics (remote sensing and GIS tools)
- Cotton byproducts and their utilization
- Socio economic perspectives
- Sensitization and awareness creation



- Impact assessment
- Economics of production and marketing
- Marketing intelligence and opportunities
- Policy support
- Intellectual property rights issues and WTO
- Agricultural engineering including new tools
- Transfer of technology - impact and economics
- Clothing and Textile
- Cattle feed technology
- Perspective of agro based industries
- Role of extension agencies
- Post harvest technology

### Call for Abstracts

Abstracts of unpublished work related to theme areas are invited for oral and poster presentations. Abstracts typed in double space not exceeding 300 words may be sent through **E-mail : intercongress2018@gmail.com by 30.09.2017. Only one abstract as a senior (first) author will be accepted. Printing of the abstracts will be subject to the registration confirmation latest by 31.12.2017.**

### Important Dates of Remembrance

Submission of Abstracts	=	September 30, 2017
Notification of Acceptance	=	October 15, 2017
Remittance of Registration Fee	=	December 31, 2017

### Guidelines for Preparing Posters

A poster should be informative, attractive and self explanatory. The significance of the research findings and its implications need to be highlighted. Give one or two important conclusions.

### Young Scientist Merit Academic Award

The Young Scientist Merit Academic Award contest for oral presentation shall be organized to encourage the scientific temper among the students/young scientists. The contestant shall submit full length paper and brief bio data through **E-mail : intercongress2018@gmail.com by 30.09.2017.** Please mention the word "**For Award**" on the top of the abstract.

*The contestant have to give the following certificate*

**To whom it may concern**

It is to certify that the paper entitled, "....."presented for the The Young Scientist Merit Academic Award is pertaining to the major work done by .....(Name). during .....(year). **Maximum two years old work is allowed.**

It is further certified that the work has not been published or presented for any other award till date and the contestant is below the age of 35 years. There is no age bar for the co-authors. **All the authors should be the member of the Cotton Research and Development Association.**

Signature of the Contestant

Signature of the Head/ Guides/Incharge

### Best Poster Award

The best poster presentation will be selected by a panel of judges in each theme area and will be awarded with a plaque and a certificate from the organizers.



## Life Time Achievement Award

The panel of judges will select the outstanding Scientist/Officer both from public and private sectors from India and abroad. A citation and memento will be given by the Organizers. The interested candidates may send their resume to Dr. M. S. Chauhan through **E-mail : intercongress2018@gmail.com by 31-12-2017.**

## Public Private Partnership Award

The award is open for all agro based Industries/Companies. The contestants shall submit a comprehensive report of the company/industry to **Dr. M. S. Chauhan, Secretary CRDA on or before 31-12-2017.**

## Registration

**Only the registered delegates will be allowed to participate.** The duly filled in registration form and registration fee (Non-refundable / Non-transferable) through Demand Draft/*at par* cheque/online transfer in favour of "Cotton Research and Development Association" drawn on any nationalised bank payable at Hisar may be sent to Secretary, CRDA. Please write the name and address on the reverse side of DD.

### Registration Fee

	Till 31st December, 2017	After wards/ On the spot
Delegates (India & SAARC countries)	₹ 6,000/-	₹ 8,000/-
Other countries	US\$ 300/-	US\$ 400/-
Students (produce the proof) JRF's/SRF's/RA's	₹ 3,000/-, US\$ 150/-	₹ 4,000/-, US\$ 175/-
Corporate Participation	₹ 8,000/-, US\$ 400/-	₹ 10,000/-, US\$ 500/-
Accompanying Person	₹ 2,000/-, US\$ 50/-	₹ 2,500/-, US\$ 75/-

**The registration fee does not include accommodation charges**

### Online Payment of Registration Fee

**Account Holders : Cotton Research and Development Association**  
**Name of Bank : State Bank of India Branch : CCS Haryana Agricultural University, Hisar**  
**A/c Number : 36693762655, Branch Code : 1566, IFSC Code : SBIN 0001566, MICR Code : 125002054**  
**Swift Code : SBININBB189, Receiver Correspondent : SBINUS33 (State Bank of India, New York)**

A Souvenir in commemoration of the Congress will be published and distributed to the delegates

**The details of the tariff for advertisements are :**

Back Page (Outer Cover)	Coloured	₹ 60,000/-	Half Page (Inner)	Coloured	₹ 20,000/-
Back Page (Inner Cover)	Coloured	₹ 50,000/-	Full Page (Inner)	Black & White	₹ 20,000/-
Front Page (Inner Cover)	Coloured	₹ 50,000/-	Half Page (Inner)	Black & White	₹ 10,000/-
Full Page (Inner)	Coloured	₹ 40,000/-			

## Venue

Meghalaya is one among the eight states of north east India. It came into being in 1972. Cherrapunjee and Mawsynram are located in this state which are places with maximum recorded rainfall on earth. There are many picturesque waterfalls in this state *i.e.* Elephant falls, Seven sisters falls, Mawsmail falls etc. This place is also treasure of many more attractions like caves (Mawsmail etc.), root bridge, Umiam reservoir and Mawlynnong, the cleanest village in Asia etc. Meghalaya's capital Shillong is well connected with road and air. Guwahati is the nearest railway link to this city (Guwahati - Shillong- 90 kms). The ICAR Research Complex for NEH region is located at Umiam (18 kms from Shillong on Guwahati-Shillong highway NH 40). Nearest air link is Guwahati airport (-115 kms), flights available from major airports of the country and Shillong (Barapani) airport (-5 kms), flights from Kolkata only. The hired and shared taxi charges from Guwahati airport to venue are Rs. 2000 and 500, respectively.

## Language

The official language of the congress will be English



## Accommodation

Limited accommodation are available in research institutes / university guest houses/other private guest houses on payment basis (Rs. 100 to Rs. 1500 approx. per day). Accommodation for most delegates will be arranged in hotels in and around venue and Shillong that would cost Rs. 2500 to Rs. 5000 (single occupancy) and Rs. 4000 to Rs. 6000 (double occupancy) per day. We can assist the accommodation in star hotels as well. Efforts will be made to provide less expensive accommodation for the student participants..

## Weather

The weather of Shillong during February will be pleasant with a day temperatures of ~20.0C and night temperatures of ~10.0C. Woolen cloths are recommended for comfortable stay.

## Post Congress Tour

Post congress tour may be organized for the registered delegates, their families and accompanying person around Shillong and adjoining areas on payment basis.

## National Advisory Committee

**Chairman** - Dr. Trilochan Mahapatra, Secretary (DARE) and Director General (ICAR), New Delhi

### Co Chairmans –

Dr. D. P. Biradar, Vice Chancellor, University of Agricultural Sciences, Dharwad and President CRDA

Dr. K. M. Bujarbaruah, Vice Chancellor, Assam Agricultural University, Jorhat

Dr. M. Premjit Singh, Vice Chancellor, Central Agricultural University, Imphal

Dr. Gurbachan Singh, New Delhi

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Dr. S. V. Ngachan, Umiam

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Shri M. Prabhkar Rao, Hyderabad

Dr. K. R. Kranthi, Nagpur

Dr. A. H. Prakash, Coimbatore

Shri. R. K. Malhotra, Mumbai

Shri Salil Singhal, Gurgaon

Shri R. G. Agarwal, New Delhi

Shri N. P. Patel, Ahmedabad

Shri. Babubhai Patel, Ahmedabad

Shri. R. D. Shroff, Mumbai

Syngenta Ltd., Mumbai

Shri. A. R. Kashikar, Nagpur

Bayer Crop Science Ltd., Mumbai

Dr. M. S. Kairon, Nagpur

Dr. Sheo Raj, Nagpur

Dr. B. M. Khadi, Dharwad

Dr. C. D. Mayee, Nagpur

Dr. P. G. Patil, Mumbai

Dr. R. K. Singh, Nagpur

Dr. P.K. Ghsoh, Jhansi

Dr. V. K. Singh, New Delhi

Dr. B. P. Bhatt, Patna

Dr. A.R. Sharma, Jabbalpur

Mr. J. Thulasidharan, Coimbatore

Dr. Prakash Vasudaran, Coimbatore

Mr. M. Senthil Kumar, Coimbatore

Mr. Lakshminagarayana, Coimbatore

**Dr. M. S. Chauhan, Hisar, Convener**

## National Organizing Committee

**Chairman**- Dr. D. P. Biradar, Vice Chancellor, UAS Dharwad and President CRDA

**Co-Chairman** - Dr. S. V. Ngachan, Director, ICAR-RCNEH Region, Umiam

Dr. S. S. Siwach, Hisar

Dr. Ramasami, Attur

Dr. S. S. Patil, Dharwad

Dr. Karmal Singh Malik, Hisar

Dr. Shiwani Madhania, Hisar

Dr. R. S. Sangwan, Hisar

Dr. Pankaj Rathore, Faridkot

Dr. Paramjit Singh, Bhatinda

Dr. D. Monga, Sirsa

Dr. G. S. Butter, Ludhiana

Dr. M. Gunasakaran, Srivalliputtur

Dr. O. Sangwan, Hisar

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Dr. V. N. Waghmare, Nagpur

Dr. Sandhya Kranthi, Nagpur

Dr. S. Vanilla, New Delhi

Dr. H. V. S. Chauhan, Mumbai

Dr. V. S. Dagaonkar, Hyderabad

Dr. L. K. Dhaluk, Junagarh

Dr. Y. S. Shivay, New Delhi

Dr. P. Vidhya Sagar, Hyderabad

Dr. N. Gopalakrishnan, Coimbatore

Dr. U. K. Behera, New Delhi

Dr. M Datta, Agartala

Dr. R. K. Patnayak, Bhawanipatna

Dr. R. W. Bharud, Rahuri

Dr. M. Kumar, coimbatore

Dr. T. H. Singh, Ludhiana

Dr. K. K. Dahiya, Hisar

Dr. S. R. Pundir, Hisar

Dr. I. M. Nidagundi, Raichur

Dr. D. B. Deosarkar, Parbhani

Dr. Somveer Nimbale, Hisar

Dr. S. B. Nandeshwar, Nagpur

Dr. D. P. Saini, Banswara

Dr. B. G. Solanki, Surat

Dr. D. H. Rathode, Akola

Dr. K. S. Baig, Nanded

**Dr. M. S. Chauhan, Hisar (Convener)**



## Local Organizing Committee

<b>Chairman</b>	: Dr. S.V. Ngachan, Director, ICAR Research Complex for NEH Region, Umiam		
<b>Co-Chairmans</b>	: Dr. N. B. Singh, Dean, CPGS, CAU, Umiam Dr. B. C. Deka, Director, ICAR-ATARI, Umiam		
<b>Organizing Secretary</b>	: Dr. Anup Das, Head, Division of Crop Production, ICAR-RCNEH Region, Umiam		
Dr. A. K. Singh	Dr. A. K. Jha	Dr. A. K. Tripathi	Dr. Akoijam R. Singh
Dr. Amit Kumar	Dr. Arnab Sen	Dr. Arvind Kumar	Dr. Avinash Pandey
Dr. B. K. Kandpal	Dr. B. K. Sethy	Dr. B. U. Choudhury	Dr. Basant Singh
Dr. Bibhash C. Verma	Dr. C. Aochen	Dr. D. M. Firake	Dr. Deb Prasad Ray
Dr. Debashish Sen	Dr. Edwin Luikhom	Dr. G. I. Ramkrushna	Dr. Bijan Majumdar
Dr. G. Rajesha	Dr. G. T. Behere	Dr. Gulab Singh	Dr. H. Kalita
Dr. H. Ranebennur	Dr. H. Rymbai	Dr. I. M. Singh	Dr. I. Shakuntala
Dr. J. P. Tyagi	Dr. Jayanta Layek	Dr. K. K. Barman	Dr. Amarpreet Singh
Dr. L. Daiho	Dr. L. K. Baishya	Dr. L. Nabachandra Singh	Dr. M. Prabha Devi
Dr. M. Thoi Thoi Devi	Dr. Manoj Kumar	Dr. Mayank Rai	Dr. Miraj Ansari
Dr. Mokidul Islam	Dr. N. C. Sarkar	Dr. N. Prakash	Dr. N. Tiameren Ao
Dr. S. S. Rathore	Dr. Puran Chandra	Dr. R. Bhagawati	Dr. R. Krishnappa
Dr. R. Iaha	Dr. R. Singh	Dr. R. K. Avasthe	Dr. R. K. Tombisana Devi
Dr. Raghavendra Singh	Dr. Ranjan Das	Dr. S. Chandra	Dr. S. Doley
Dr. S. Hazarika	Dr. S. N. Bhowmik	Dr. S. P. Das	Dr. S. Patra
Dr. S. S. Roy	Dr. S.K. Das	Dr. S. K. Sharma	Dr. Sandip Ghatak
Dr. Subhash Babu	Dr. Tanmay Samajdar	Dr. Uday Saikia	Dr. Visram Ram
Dr. V. K. Khanna	Dr. V. K. Choudhary	Dr. Rajesh Kumar	

**Dr. K. P. Mohapatra (Convener)**

## Travel Plan

Name of the Participant : \_\_\_\_\_ Sex \_\_\_\_\_

Designation \_\_\_\_\_

Address \_\_\_\_\_

Mobile No. \_\_\_\_\_ E-mail \_\_\_\_\_

The delegates are requested to send their travel plan latest by 31-12-2017 to concerned person.

### Accommodation

#### Dr. G. Kadirvel

Principal Scientist & Head, Division of Animal Production  
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E-mail : govindasamy7@gmail.com  
Mobile No. : 094367-31791

### Contact Persons

#### Enquiries

#### Dr. S. V Ngachan

Chairman : International Congress and  
Director, ICAR-RCNEH Region, Umiam  
E-mail : svngachan@rediffmail.com  
Ph. : 0364-2570257 (O)

#### Dr. M. S. Chauhan

Secretary, CRDA  
E-mail : crda1987india@gmail.com,  
intercongress2018@gmail.com  
Mob. : 094164-99350, 086840-99350

#### Publications

### Transport

#### Dr. Pankaj Baiswar

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Mobile No. : 094361-07733

#### Dr. Anup Das

Organising Secretary : International Congress and  
Head, Division of Crop Production  
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#### Dr. Karmal Singh Malik

Joint Secretary, CRDA  
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# International Congress on "Cotton and Other Fibre Crops" at



ICAR Research Complex for NEH Region, Umiam (Barapani) - 793 103. Meghalaya

**20-23 February, 2018**

## Registration Form

Name of the delegate : \_\_\_\_\_ Designation \_\_\_\_\_ Sex \_\_\_\_\_

Address (With Pincode) \_\_\_\_\_

Mobile No. \_\_\_\_\_ Fax. No. \_\_\_\_\_ E-mail \_\_\_\_\_

Type of presentation Invited  Oral  Poster  Award

Title of presentation \_\_\_\_\_

Theme area \_\_\_\_\_

Registration fee \_\_\_\_\_

Name of the Bank \_\_\_\_\_ Demand Draft / Cheque No. \_\_\_\_\_

Drawn at \_\_\_\_\_ Date \_\_\_\_\_

Electronic payment transaction ID : \_\_\_\_\_ Accommodation required Yes  No

Please mark your preference  
Preferred tariff (per room, per day) Single occupancy Double occupancy  
₹ 2500.00 to 5000.00 ₹ 4000.00 to 6000.00

Post Conference Tour Yes  No

**Bank drafts / at par cheque to be drawn on any nationalized bank in favour of "Cotton Research and Development Association" payable at Hisar.**

Date

Signatures

**The Interested participates can get a photocopy of the registration form or download from the website ([www.crdaindia.com](http://www.crdaindia.com)) and complete form may be sent latest by 31.12.2017.**

**Dr. M. S. Chauhan**

**Secretary**

**Cotton Research and Development Association (CRDA)**

CCS Haryana Agricultural University, Hisar-125 004

E-mail : [intercongress2018@gmail.com](mailto:intercongress2018@gmail.com), Mob: 094164-99350; 086840-99350

### Online Payment of Registration Fee

Account Holders : Cotton Research and Development Association  
Name of Bank : State Bank of India Branch : CCS Haryana Agricultural University, Hisar  
A/c Number : 36693762655, Branch Code : 1566, IFSC Code : SBIN 0001566, MICR Code : 125002054  
Swift Code : SBININBB189, Receiver Correspondent : SBINUS33 (State Bank of India, New York)

**Website : [www.crdaindia.com](http://www.crdaindia.com)**