

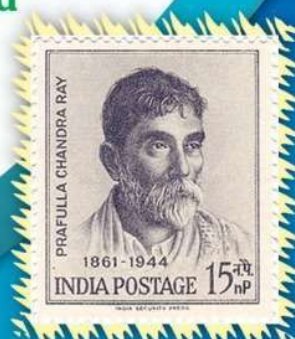
160th Birth Anniversary Celebration of Acharya P. C. Ray

International Seminar on

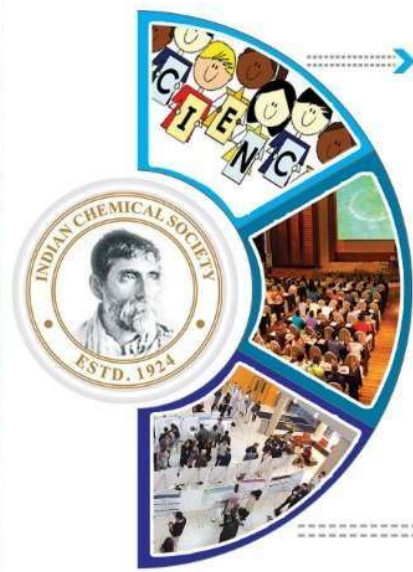
Recent Advances in Chemistry and
Material Science (RACMS-2021)

Young Scientist Conclave
(YSC-2021)

Student Science Meet
(SSM - 2021)



(01-03, & 07-08
AUGUST, 2021)



1st August, 2021
Students' Competition
(From Class V to XII &
UG, PG Students)

2nd-3rd August, 2021
**International Seminar
RACMS-2021**

7th-8th August, 2021
YSC-2021

Organized by : **Indian Chemical Society**



www.indianchemicalsociety.com

Kolkata



programics4@gmail.com

To all the Fellow & Well Wishers of the Indian Chemical Society, Kolkata

You will be pleased to know that the Indian Chemical Society is going to celebrate the 160th Birth Anniversary of Acharya Prafulla Chandra Ray, the doyen of chemical sciences in India by organising Students' competition (from Class V to Post Graduate and Research Scholars) followed by International Seminar during August 01 to 08, 2021.

Indian Chemical Society is a premier learned Society of our country which was founded in 1924 with the leadership of Acharya Prafulla Chandra Ray as the founder President, Professor J. C. Ghosh, Professor J. N. Mukherjee, Professor S. S. Bhatnagar, Professor N. R. Dhar and other distinguished personalities in the field of Chemistry. The present Seminar is the sixteenth in the series as the first one was held in 2006. In the light of present global crisis due to corona pandemic scenario, the seminar of this kind would certainly help the human race in order to get rescued from this dreadful virus. Pertinently, the world is also witnessing the recent all- round development in chemistry in general. Thus, this Seminar would definitely help the entire scientific fraternity, school and college students, budding chemists and researchers. You are earnestly requested to join this Event to exchange your ideas, share your views to improve skill, scientific knowledge, teaching and research qualities for the benefit of suffering humanity of the entire world.

Professor Chittaranjan Sinha
Convener of the Symposium & Honorary Secretary, Indian Chemical Society

Link For Registration: <https://forms.gle/24ShENf5DWNdtiJp9>

Last Date of Registration: July 31, 2021

Registration Fees:

No Registration Fee for Students of Class V to XII, UG and PG

Rs.500/- for Faculty Members & Others; Rs.300/- for Research Scholars; USD 100 for Foreign Participants

160th Birth Anniversary Celebration of Acharya P. C. Ray
&
International Seminar

1. Students Competition on 1st August (Sunday)
Class V – XII, UG, PG on “Chemistry for Better Tomorrow”
2. “Recent Advances in Chemistry and Material Science” on 02-03 August, 2021 (RACMS-2021)
3. Young Scientists Conclave on 07-08 August, 2021 (YSC-2021).”

Correspondence:

All correspondences for the program should be addressed to

Professor Chittaranjan Sinha, Honorary Secretary, Indian Chemical Society
92, Acharya Prafulla Chandra Road, Kolkata – 700 009
Email: programics4@gmail.com; Phone: 9875326565; 7044231277

Programme Details
1st August, 2021

10:00-10:30 am: Welcome to the competitors & judges
Students' Competition

(From Class V to XII & UG, PG Students)

(10:30 am – 2:30 pm) (IST)

Group – A: Class V – VI

Topic: Our Environment, Our life

Group – B: Class VII – VIII

Topic: Sustainable development: Future Agroindustry

Group – C: Class IX – X

Topic: Crisis and conservation of Water

Group – D: Class XI – XII

Topic: Energy Sustainability

Group – E: UG Students of Science & Technology Departments

Topic: Corona Virus: Prevention and possible remedial measures

Group – F: PG Students of Science & Technology Departments

Topic: Corona Virus: Prevention and possible remedial measures

Seminar-1 (Day-1)
2nd August 2021 (10:00 am – 06:00 pm) (IST)

Session- I

(10:00 am – 12:00 pm) (IST)

9:30-9:40 am: Garlanding to Acharya P.C. Ray in Head Quarter

9.40 – 10.00 am: Introduction by Prof. D C Mukherjee, Advisor, ICS

10:00-10:30 am: Inaugural Address by Prof. G. D. Yadav, President of ICS

10.30-10.35 am: Felicitation of Lifetime Achievement Awardee, Prof. J. S. Yadav

10.35-11.05 am: Keynote Address by Prof. J. S. Yadav

11:05-11:35 am: Acharya Prafulla Chandra Ray Memorial Endowment Award

Lecture by Prof. Samaresh Bhattacharya, Jadavpur University

11:35-11:45 am: Address by Prof. Chittaranjan Sinha, Honorary Secretary, ICS

11:45-11:50 am: Vote of thanks by Prof. Sudip K. Das, Honorary Treasurer, ICS

Session- II

Invited Lectures

(12:00 pm – 1:30 pm) (IST)

Chairperson: Prof. Ethirajan Sukumar

12:00 pm -12:30 pm: Invited Lecture 1

Dr. Rajendra Joshi, RI Nanotech India, Uttarakhand

12.30 pm -1.00pm: Invited Lecture 2

Prof. Alakesh Bisai, IISER Kolkata

1:00 pm -1:30 pm: Invited Lecture 3

Dr. S. S. V. Ramakumar, IOCL, Faridabad

Lunch Break

1.30 pm - 2.00 pm

Session- III
Invited Lectures
(2:00 pm – 5:00 pm) (IST)

Chairperson: Prof. Samaresh Bhattacharya

2:00 pm - 2: 30 pm: Invited Lecture 4

Prof. Chandan Mukherjee, IIT Guwahati, Assam

2:30 pm - 3: 00 pm: Invited Lecture 5

Prof. Deepak Chopra, IISER Bhopal

3: 00 pm - 3:30 pm: Invited Lecture 6

Dr. Kamalika Sen, University of Calcutta, Kolkata

Chairperson: Prof. R. N. Prasad

3: 30 pm - 4:00 pm: Invited Lecture 7

Prof. Debprasad Mandal, Department of Chemistry, IIT Ropar

4: 00 pm - 4:30 pm: Invited Lecture 8

Prof. Guo Zhanhu, University of Tennessee, Knoxville, USA

4: 30 pm - 5:00 pm: Invited Lecture 9

Prof. B. M. Bhanage, ICT-Mumbai

Seminar-1 (Day-2)
3rd August 2021 (10:00 am – 6:00 pm) (IST)

Session- IV

Research Scholars' Competition (Parallel Session)
(9:30 pm – 2:00 pm) (IST)
(Judges panel)

Session-V

Invited Lectures
(2:00 pm – 5:30 pm) (IST)

Chairperson: Professor R. D. Kaushik

2: 00 pm - 2: 30 pm: Invited Lecture 10

Prof. Edmana Prasad, IIT-Madras

2: 30 pm - 3: 00 pm: Invited Lecture 11

Prof. Rintu Banerjee, IIT Kharagpur

3: 00 pm - 3: 30 pm: Invited Lecture 12

Prof. V. K. Rathod, Department of Chemical Engineering, ICT, Mumbai

Chairperson: Prof. Anand Aswar

3: 30 pm - 4: 00 pm: Invited Lecture 13

Prof. Venkata Krishnan, IIT Mandi, Himachal Pradesh

4: 00 pm -4: 30 pm: Invited Lecture 14

Dr. Asit K. Das, Reliance Industries Ltd. Jamnagar

4: 30 pm -5: 00 pm: Invited Lecture 15

Mr. Dipak K Pahari, Managing Director, N R Gtech Services Pvt. Ltd., Kokata, India

5: 00 pm -5: 30 pm: Invited Lecture 16

Prof. Debabrata Mazumder, IEST Shibpur

Seminar-2 (Day-1)

Young Scientists Conclave

7th August 2021 (9:40 am – 5:30 pm) (IST)

9:40 am - 9: 50 am: Address by Convener

9:50 am - 10: 00 am: Address by President, ICS

Session- I (Invited Lectures)

Section: Inorganic Chemistry

(9:30 am – 12:30 pm) (IST)

Chairperson: *Prof. Ashutosh Ghosh*

9:30 am - 10: 00 am: Inaugural Lecture (Lecture-17)Prof.

Kaushik Ghosh, Department of Chemistry, IIT Roorkee

10:00 am - 10: 30 am: Invited Lecture 18

Dr. Ramanada Maity, University of Calcutta, Kolkata

10:30 am - 11: 00 am: Invited Lecture 19

Dr. Partha Mahata, Jadavpur University

Chairperson: *Prof. Birinchi K Das*

11:00 am - 11: 30 pm: Invited Lecture 20

Dr. Anuj Sharma, Central University of Rajasthan

11:30 pm - 12: 00 pm: Invited Lecture 21

Dr. Venkatesh V, IIT Roorkee, Uttarakhand

12:00 pm - 12: 30 pm: Invited Lecture 22

Dr. Shabhana Khan, IISER, Pune

Session- II
Research Scholars' Competition
(12:30 pm – 2:30 pm) (IST)

Session- III (Invited Lectures)
Section: Organic Chemistry
(2:30 pm – 5:30 pm) (IST)

Chairperson: Prof. Asok Kumar Mallik

2: 30 pm - 3: 00 pm: Inaugural Lecture (Lecture – 23)

Prof. D. Ramachary, University of Hyderabad

3: 00 pm - 3: 30 pm: Invited Lecture 24

Dr. Madhusudan Maji, IIT Kharagpur

3: 30 pm - 4: 00 pm: Invited Lecture 25

Dr. Anasuya Roychowdhury, IIT Bhubaneswar

Chairperson: Prof. Pranab Ghosh

4: 00 pm - 4: 30 pm: Invited Lecture 26

Dr. Soumyajit Das, Department of Chemistry, IIT Ropar

4: 30 pm - 5: 00 pm: Invited Lecture 27

Prof. Nitin T. Patil, IISER-Bhopal

5. 00 pm – 5.30 pm: Invited Lecture-28

Dr. Biswajit Maji, IGN Tribal University, Amarkantak,

Seminar-2 (Day-2)

8th August 2021 (9:40 pm – 6:00 pm) (IST)

9:40 am - 9: 50 am: Address by Convener

9:50 am - 10: 00 am: Address by President ICS

Session- IV (Invited Lectures)

Section: Physical Chemistry

(10:00 am – 1:00 pm) (IST)

Chairperson: Prof. Anindya Datta

10: 00 am - 10: 30 am: Inaugural Lecture (Lecture-29)

Prof. P A Hassan, Chemistry Division, BARC, Trombay, Mumbai

10: 30 am - 11: 00 am: Invited Lecture 30

Dr. Sanghamitra Chatterjee, Department of Chemistry, ICT, Mumbai

11: 00 am - 11: 30 am: Invited Lecture 31

Dr. Subrata Chattopadhyay, Department of Chemistry, IIT Patna

Chairperson: Prof. Homendra Naorem

11: 30 am - 12: 00 pm: Invited Lecture 32

Dr. Bimlesh Lochab, Department of Chemistry, Shib Nadar University

12: 00 pm - 12: 30 pm: Invited Lecture 33

Dr. Manas Bhunia, Tokyo Institute of Technology, Japan

12. 30 pm - 1. 00 pm: Invited Lecture 34

Prof. Ramesh C Deka, Tezpur University, Assam

Lunch Break

1. 00 pm - 1. 30 pm

Session- V (Invited Lectures)
Section: Applied Chemistry
(1:30 pm – 4:00 pm) (IST)

Chairperson: Prof. Sudip K Das

1: 30 pm - 2: 00 pm: Inaugural Lecture (Lecture – 35)

Prof. Sirsendu De, Department of Chemical Engineering, IIT Kharagpur

2: 00 pm - 2: 30 pm: Invited Lecture 36

Prof. Sayan Bhattacharyya, IISER Kolkata

2: 30 pm - 3: 00 pm: Invited Lecture 37

Dr. Nayan Ranjan Singha, Polymer Science, Government Engineering College, Kolkata

Chairperson: Dr. Anjan Ray

3: 00 pm - 3: 30 pm: Invited Lecture 38

Dr. Anant Kapdi, ICT Mumbai

Valedictory Session

4:00 pm - 6: 00 pm

Chairperson: Prof. G. D. Yadav

Presentation by Covid Frontline warrior:

Invited Lecture – 39

Dr. Randeep Guleria, Director, AIIMS-Delhi

Invited Lecture – 40

Dr. Fuad Halim, Kolkata

Declaration of Competition Results

Analysis & Comments

Declaration of Closing by the President