



DEPARTMENT OF CHEMISTRY, A.N. COLLEGE, PATNA
11th National Convention of Chemistry Teachers (NCCT-2011)
and
National Seminar on “Emerging Trends in Green Chemistry”
 (Recognized by IUPAC and UNESCO as an Official Activity of IYC-2011)
 (October 15-17, 2011)

The concurrent events: Chemistry Olympiad and Symposium on Applications of Thermal Analysis and Calorimetry

PROGRAMME SCHEDULE

Day/Date	Venue	Programme details
Saturday 15.10.2011	A N College, Patna	9.00am-10.30am : Registration 10.30am-11.30am : Key Note Address by Dr Mukul Das, IITR, Lucknow 11.30am-12.00noon : TEA / SNACKS 12.00 noon -2.00pm: Inaugural Session 2.00pm-3.00pm: LUNCH BREAK 03.00pm-4.30pm : Technical Session 1: Green Chemistry and Sustainable Development 04.30pm-4.45pm : TEA / SNACKS 4.45pm-7.00pm : Technical Session 2: Water- the Elixir of Life 7.00pm-8.00pm : E C Meeting 7.00pm-9.00pm : DINNER 8.00pm-9.00pm : Departure to residence
Sunday 16.10.2011	DPS (Sr Section), Danapur	8.00am : Place of residence to DPS (Sr Section) Danapur 9.00am-9.45 am : BREAKFAST 9.45am Assembling in Seminar Hall 10.00am-12.30pm : Technical Session 3: Chemistry Olympiad 12.30pm-12.45pm : TEA/SNACKS 12.45pm-2.15pm : Technical Session 4: Green Chemistry in Education 2.15pm-3.15pm : LUNCH BREAK 3.15pm-4.15pm : Technical Session 5: Micro Scale Laboratory Techniques 4.15pm-4.30pm : TEA / SNACKS 4.30pm-5.30pm : POSTER PRESENTATION 5.30pm-6.15pm : ACT A G Meeting 6.15pm-8.15pm : Cultural Programme 8.15pm-9.00pm : DINNER 9.00pm-9.10pm : Departure to Residence
Monday 17.10.2011	A N College, Patna	10.00am-01.00pm : Technical Session 6: Applications on Thermal Analysis and Calorimetry 1.00pm-2.00pm : LUNCH BREAK 2.00am-3.30pm : Technical Session 7: General Session 3.30pm-3.50pm : TEA / SNACKS 4.00pm-5.00pm : Valedictory Session 5.00pm : High Tea 5.30pm – 6.30pm : Cultural Show by Students for the Delegates staying back in the evening



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PROGRAMME DETAILS

Day 1: Saturday, 15th October, 2011

9.00-10.30am **Registration**

10.30am-11.30am **Emerging trends of Food contamination and adulteration**

(Key Note Address)

Dr Mukul Das, FNAS

Scientist, Indian Institute of Toxicology Research, Lucknow

mditrc@rediffmail.com

11.30am-12.00noon **TEA/ SNACKS**

Inaugural Session

12.00noon **Guests are to be seated**

12.30pm **Arrival of Chief Guest H.E. the Governor cum Chancellor, Universities of Bihar Sri Devanand Konwar in the college premises**

12.32pm **Garlanding the Statue of Dr Anugrah Narayan Sinha in Anugrah Garden**

12.40pm **Arrival of H.E. on the Dais along with Dignitaries (Guest of Honour Dr Mukul Das, Scientist, IITR, Lucknow/ Principal cum Convener Dr Haridwar Singh/ National Coordinator, Olympiad Prof Vijay A Singh/ President ACT Dr Sudha Jain/ General Secretary, ACT Dr Damodar Prabhu/ Organizing Secretary Dr Bihari Singh**

& National Anthem

12.45pm **Welcome Song**

12.50pm **Formal Inauguration of the programme by H.E. the Governor**

12.55pm **Welcome Address by the Principal cum Convener**

01.05pm **Highlights presentation by Dr Bihari Singh, Organizing Secretary / HOD Chemistry**

01.10pm **Address by National Coordinator of Olympiad, HBCSE, Prof Vijay A Singh**

01.15pm **Address by ACT General Secretary Dr D Prabhu**

01.20pm **Address by ACT President Prof Sudha Jain**

01.25pm **Address by Scientist, IITR, Dr Mukul Das**

01.30am **Release of Souvenir by H.E. the Governor cum Chancellor**

01.35pm **Inaugural Address by His Excellency Sri Devanand Konwar**

01.45pm **Vote of Thanks**

01.50pm **National Anthem**

01.55pm **Departure of H.E. the Governor**

02.00pm-3.00pm **LUNCH BREAK**

Venue: A.N.College, Boring Road, Patna

03.00pm- 4.30pm:

Technical Session 1: Green Chemistry and Sustainable Development

3.00pm-3.30pm:

GCSD-IL-1: Green Chemistry Education for a Sustainable Future

Dr RKSharma

Honorary Secretary, Royal Society of Chemistry (London), North India Section Incharge, International Chapter of American Chemical Society's Green Chemistry Institute Coordinator, Green Chemistry Network Centre, Department of Chemistry, University of Delhi, Delhi-110007
rksharmagreenchem@hotmail.com

3.30pm-4.00pm:

GCSD-IL-2: Green Chemistry-Microwave Assisted Organic Synthesis

Dr Krishna Nand Singh

Professor of Organic Chemistry, Department of Chemistry, Faculty of Science,
Banaras Hindu University, Varanasi-221005, India
knsinghbhu@yahoo.co.in; knsingh@yahoo.co.in

4.00pm-4.30pm:

GCSD-IL-3: Supercritical Fluids in Green Chemistry

Dr Ram Kishore Prasad

Professor of Chemistry (Retd), Dept of Chemistry, BRAB University, Muzaffarpur, Bihar
rkprasad90@gmail.com

04.30pm-4.45pm TEA/ SNACKS

4.45pm-7.00pm *Technical Session 2: Water- the Elixir of Life*

4.45pm-5.10pm:

WEL-IL-1: Geogenic Water Contaminants in Ground Water of Bihar Problem and Solutions

Dr Ashok Kumar Ghosh

Erasmus Mundus Fellow, Member SEAC Bihar, Professor In Charge, Dept of Environment and Water Management,
A.N.College, Patna
ashok.ghosh51@gmail.com
Web: <http://ghosh51.page4.me>

5.10pm-5.30pm:

WEL-IL-2 Fluorosis Endimicity in Bihar: Concern and Control Measures

Dr Bhari Singh

Head, Dept of Chemistry and Professor In Charge, Dept of Environmental Sciences,
A N College, Patna
bihari_singh2001@yahoo.com

5.30pm-7.00pm Oral Presentation : OP1 to OP12

7.00pm-8.00pm EC Meeting

7.00 pm-9.00 pm DINNER

Day 2 : Sunday, 16th October, 2011

Venue-DPS(Sr Section), Danapur Cantt, Patna

8.00 am Place of residence to DPS(Sr Section) Danapur Cantt, Patna

9.00 am-9.45 am BREAKFAST

9.45 am Assembling in Seminar Hall

10.00 am-12.30 pm Technical Session 3: Chemistry Olympiad

10.00 am-10.10 am Inauguration

10.10 am - 10.50 am CO-IL-1: The Science Olympiads: National & International

Prof Vijay A Singh

National Co-ordinator, Science Olympiads, Homi Bhabha Centre For Science Education,
TIFR, Mumbai-400 088

nc_olympiad@hbcse.tifr.res.in

10.50am-11.50am CO-IL-2: An Introduction to International Chemistry Olympiad

Dr Savita Ladage

Associate Professor

Homi Bhabha Centre for Science Education, TIFR, Mumbai

savitaladage@gmail.com

11.50 am - 12.30 pm CO-IL-3: Discussion of experimental problems

Swapna Narvekar

Homi Bhabha Centre for Science Education, TIFR, Mumbai

narvekar0372@gmail.com

12.30pm-12.45pm TEA/ SNACKS

12.45pm-2.15pm Technical Session 4: Green Chemistry in Education

12.45pm-1.30pm GCE-IL-1: Our Experience in motivating Science students

Dr Prabodh Choubey

BASF India Limited, Plot NO. 37, Chandivali Farm Road,

Chandivali, 400072 Mumbai

prabodh.chobe@basf.com

1.30pm-2.15pm GCE-IL-2 Green Technology: Perspective of Development

Dr. Rakesh Kumar,

Chief Scientist and Head,

National Environmental Engineering Research Institute (NEERI), Mumbai

rakeshmee@rediffmail.com

2.15pm-3.15pm LUNCH BREAK

3.15pm-4.15pm Technical Session 5: Micro Scale Laboratory Techniques

3.15pm-4.15pm MSLT-IL-1: Experiments in Academic Practical courses

Shriniwas L. Kelkar*

Professor of Organic Chemistry (Retired), Department of Chemistry

University of Pune, Pune

skelkar2105@gmail.com

4.15pm-4.30pm TEA/ SNACKS

4.30pm-5.30pm POSTER PRESENTATION

5.30pm-6.15pm ACT AGM

6.15pm-8.15pm Cultural Program

8.15pm-9.00pm DINNER

9.00pm-9.10pm Departure to Residence

SATAC-2011 PROGRAMME

Day3: Monday, 17th October, 2011

Venue: A.N.College, Boring Road, Patna

10.00 am -10.05 am :

Opening remarks

Prof R. K. Verma

Chairman, SATAC-2011

University Dept of Chemistry,

Magadh University,

Bodh Gaya-824234 (India)

10.05 am -10.45 am :

SATAC-IL-1: Thermal Analysis in Energy and Environment Related Research

Shyamala Bhardwaj

Fuel Cell Materials & Catalysis Section

Chemistry Division, Bhabha Atomic Research Centre,

Trombay, Mumbai 400 085, INDIA

10.45 am -11.15 am :

**SATAC-IL-2: A Curriculum Framework for the Tertiary 'Chemistry Fundamentals'
Course Based on Atkin's Core Chemical Concepts**

John O Hill¹ and Ranjit K Verma²

¹Department of Chemistry, La Trobe University, Melbourne, Australia

²Department of Chemistry, Magadh University, Bodh Gaya-824234, Bihar, India.

11.15 am -11.30 am : TEA BREAK

11.30 am -12.00noon:

SATAC-IL-3: Thermal Analysis as an experimental tool to investigate phase transformations

Arun Pratap

Applied Physics Department, Faculty of Technology & Engineering

M. S. University of Baroda, Vadodara-390 001, Gujarat.

apratapmsu@yahoo.com

12.00 noon -12.30 pm :

SATAC-IL-4: Thermal Analysis and Materials Science

R N Rai

*Department of Chemistry, Centre of Advanced Study, Faculty of Science,
Banaras Hindu University, Varanasi-221005, India*

12.30 pm -1.00 pm

SATAC-IL-5: Thermal Analysis and Rheology for Superior Material Characterization

Subiman Ghosh

Application Support Scientist

*TA Instruments - Thermal Analysis and Rheology Waters (India) Private Limited
Mohan Matrix Building #450, 12th Cross, 2nd Stage, Mahalakshimpuram, Bangalore 560086, India*

1.00 pm -2.00 pm :

LUNCH BREAK

2.00 pm-3.30 pm Technical Session 7: General Session

2.00 pm-2.30 pm : SATAC-IL-6: Hydrogen Estimation in Zirconium Alloys Using Thermo Analytical Techniques

D. N. Sah

*Raja Ramanna Fellow, Post Irradiation Examination Division,
BARC, Trombay, Mumbai-400085*

sah.mumbai@gmail.com

**2.30 pm -3.30 pm : ORAL PRESENTATIONS
(OP-1 to OP-6)**

3.30pm-3.50pm TEA/ SNACKS

4.00pm-5.00pm Valedictory Session

3.50pm Guests are to be seated

4.00pm Arrival of Chief Guest

4.05pm Welcome Song

4.10pm Bouquet presentation and Presentation of Conference Package to the Dignitaries

4.15pm Lighting of lamp by the Dignitaries

4.20pm Welcome Address by the Principal cum Convener Dr Haridwar Singh

4.25pm Summarization of the event by Dr Bihari Singh, Organizing Secretary

4.35pm Address by ACT General Secretary Dr Damodar Prabhu

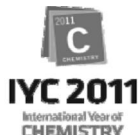
4.40pm Address by ACT President Prof Sudha Jain

4.45pm Valedictory Address by the Chief Guest

4.55pm Vote of thanks

5.00pm Session ends after HIGH TEA

5.30pm-6.30pm Cultural show by students for the delegates staying back in the night



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Organized by :- Department of Chemistry

A.N. College, Patna

(a constituent unit of Magadh University, Bodh Gaya)

C.P.E. Status accorded by U.G.C. and GRADE - 'A' accredited by NAAC



FEEDBACK FORM



DPS Patna

Name of the Delegate/Participant/Guest

Designation

Opinion regarding the Convention / Seminar (Tick out) the following

Quality of Lectures delivered/Papers presented in the seminar :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Infrastructure for paper presentation :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Souvenir cum abstract :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Posters displayed	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Kit (bag, folder, letter pad, pen etc.)	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Accommodation :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Programme conducted :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Food :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>
Overall arrangement :	Very good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Average	<input type="checkbox"/>

Any other suggestion to the organizers which you feel necessary :

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Date :...../...../.....

Signature