

The students generally hail from diverse economic social and cultural background making this institution an ideal place for the fulfillment of aspirations and expectations of the womenfolk of the State. It is affiliated to Tripura University (A Central University). It has been accredited by the National Assessment and Accreditation Council (NAAC) with 'B+' Grade in 2004.

At present the college offers 22 (twenty two) subjects in all and in 19 (nineteen) subjects with honours courses are available to the undergraduate students.

The college has a glorious history of cultural activities. The students and teachers actively participate in various cultural programmes both within the college and outside the state. In the arena of games and sports too, our students have brilliant achievements. The teaching and non-teaching staff of this college tirelessly dedicate themselves in motivating the students to participate in various co-curricular activities for their overall development. NSS and NCC cadres of this college have also performed remarkably in national, regional and state-level camps and parades.

The teaching fraternity of this college is actively engaged in various research related activities along with their primary objective of teaching. The teachers organize national seminars, workshops etc. to disseminate knowledge among the students, research scholars and academicians. The teachers also take keen interest in publishing their research articles, books etc. as part of their professional development.

All the science departments (both Life Science & Physical Science) have developed modernized laboratories, well-equipped with latest and sophisticated instruments with financial assistance from Department of Science and Technology (DST-FIST), Govt. of India, University Grants Commission (UGC), Govt. of India, Govt. of Tripura, etc.

### CALL FOR ABSTRACTS:

The participants are cordially invited for presentations on the main topics of the seminar. **Abstract should be submitted by July 15, 2015** which will be

subsequently reviewed by a panel of experts. Notification of acceptance (oral and poster) will be mailed to the author by **July 22, 2015**. The abstracts must be original, unpublished work. Abstracts must be in English not exceeding 250 words. Name of the presenting author should be underlined. The text should be single spaced, 12 pt., Times New Roman all through. Abstract should be submitted via e-mail to [dr.amit\\_2020@rediffmail.com](mailto:dr.amit_2020@rediffmail.com). Hard copies of the same along with registration form and fees should be submitted.

### POSTER-PRESENTATION:

The size of the poster should not exceed 120 cm (height) and 90 cm (width). The poster must be prepared in English. Content of poster should be readable from 1.5 meters.

### ORAL PRESENTATION :

Young faculty members, Ph.D., PG students are encouraged for oral presentation. Computer and projector will be provided by the organizers.

#### Registration Fee :

Teacher participant	-	Rs. 700.00
Research Scholar	-	Rs. 500.00
Student	-	Rs. 200.00

Mode of Payment of Registration Fee :  
Spot Registration

Completely filled in Registration form must be sent:

**Dr. Amitabha Saha**

*Organizing Secretary*

UGC sponsored National Seminar

Department of Chemistry

Women's College,

Agartala-799001, Tripura

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## National Seminar on Recent Trend of Research in Chemistry- A New Horizon of Hopes

7- 8 August, 2015



Organised by  
**Department of Chemistry,**  
Women's College, Agartala-799001  
Tripura (W), India  
Contact : 0381-232 6020 (O)  
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In collaboration with  
**Tripura Chemical Society**  
Agartala-799004  
Tripura (W)

## PATRON

**Dr. Gopal Mugeraya**  
Director, NIT, Agartala

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&  
Secretary,  
Tripura Chemical Society, Agartala

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Assistant Professor  
Women's College

**Dr. Abhijit Bhattacharya**  
Assistant Professor  
N. S. Mahavidyalaya, Udaipur

## INVITED SPEAKERS

**Prof. P. Pramanik**  
IIT, Kharagpur

**Dr. P. P. Chakrabarti**  
Scientist, IICT, Hyderabad

**Dr. Swapan Majumdar**  
Associate Professor  
Tripura University, Tripura

## ABOUT THE SEMINAR

Chemistry is a vast continent, with a great deal of territory that remains to be explored. Moreover, chemistry's border with the neighbouring areas of physics, mathematics, engineering, medical science and even biology, are continuously being extended and diffused. Several scientists are endeavoring to explore the different territories of chemistry that provide the horizons to the quality of life. The dawn of current millennium has witnessed growth of research in chemistry that has crossed the boundaries of multiple branches, emerging with new dimension, understanding and application.

The main focus of the seminar will be to address some of the topics on the recent trends of research in chemistry as well as to pay attention towards innovative teaching and research activities across the country. Now-a-days, the declining trend of enrolment of bright youngsters in basic science is clearly noticed throughout the country. The seminar will be designed to attract the youngsters by disseminating knowledge. The seminar will be attended by eminent scientists and research scholars on various fields of chemistry. The deliberations of scientists will motivate the student community and the young scientists for need-based research on various areas of chemistry to fulfil the hopes and aspirations of the people.

The seminar will cover mainly the following broad areas:

- Green Chemistry
- Nanomaterials
- Polymer Chemistry
- Environmental Chemistry
- Applied Physical Chemistry
- Coordination Chemistry
- Medicinal Chemistry
- Synthetic Organic Chemistry
- Material sciences
- Computational Chemistry
- Natural Product Chemistry

## ABOUT THE STATE

Tripura is a state in Northeast India. It is the third-smallest state in the country. It covers 10,491 km<sup>2</sup> (4,051 sq mi) and is bordered by Bangladesh to the north, south, and west, and the Indian states of Assam and Mizoram to the east. Agartala is accessible by national highways passing through the Karimganj district of Assam and Mamit district of Mizoram. During the month of August Tripura witnesses the monsoon season which makes the local weather very pleasant with temperature ranging between 25 – 32°C.

The diverse ethno-linguistic groups of Tripura have given rise to a composite culture. The dominant ethnic groups are Bengali, Manipuri, Tripuri, Jamatia, Reang, Noatia, Koloi, Murasing, Chakma, Halam, Garo, Kuki, Mizo, Mog, Munda, Oraon, Santhal, and Uchoi. With its pleasant climate and scenic landscape, Tripura is a favoured tourist destination. The state offers tourists attractions such as temples, rivers and rock carvings.

## ABOUT THE COLLEGE

Women's College was established in June 1965 in Agartala, Tripura with a view to render services to the cause of Higher Education among women of Tripura.