

## ORGANISING COMMITTEE

**Chief Patron:** Rt. Rev. Surendra Kumar Nanda,  
President, Governing Body

**Patrons:** Adv. Mr. B.D. Das, Chairman, Finance  
Committee, Stewart Science College  
Mr. Samarendra Pramanik, Secretary, G.B. Stewart  
Science College

**Convener:** Prof. (Dr.) Deepa Nag, Principal,  
Stewart Science College

**Organizing Secretary:** Prof. (Dr.) Abani Kumar  
Sahu, H.O.D. Department of Chemistry, Stewart  
Science College

### **Assistant Organizing Secretaries:**

Dr. Sasmita Pattnaik, Dept. of Chemistry, SSC  
Dr. Tanushree Patnaik, Dept. of Chemistry, SSC  
Dr. Sandhya S. Mohanty, Dept. of Chemistry, SSC  
Dr. Suchitra Mohanty, Dept. of Chemistry, SSC

**Treasurer:** Mr. Santosh K. Samantara, Dept. of  
Chemistry, SSC, Ph: 9853334889

## MEMBERS

Mrs. Kabitamala Nayak, Dept. of Chemistry, SSC  
Mr. Manas Ranjan Pradhan, Dept. of Chemistry, SSC  
Dr. Santosh K. Nathsharma, Dept. of Chemistry, SSC  
Mr. Sandeep K. Pradhan, Dept. of Chemistry, SSC  
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Mrs. Nirupama Mohanty, Dept. of Chemistry, SSC  
Mrs. Gayatri Tripathy, Dept. of Chemistry, SSC  
Mrs. Sonali Roul, Dept. of Chemistry, SSC  
Mr. Sapanjit Rout, Dept. of Chemistry, SSC  
Mrs. Katsiya Pradhan, Dept. of Chemistry, SSC

## ADVISORY COMMITTEE

Prof. (Dr.) Ashok Ku. Mishra, IIT-M (Chief Advisor)  
Prof. (Dr.) Sudhanshu Sekhar Tripathy, Retd. Prof., RU  
Prof. (Dr.) Balaram Sahoo, IIT Kharagpur  
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Prof. (Dr.) Bijnyan R. Das, H.O.D., CET, BBSR  
Prof. Debasis Mohanty, H.O.D., Dhenkanal Auto. College  
Prof. Kie Young Cho, Pukyong National Uni., South Korea

## IMPORTANT DATES

Last date of Submission of Abstract: **15<sup>th</sup> August, 2025**  
Notification of Acceptance: **5<sup>th</sup> Sept, 2025**  
Last Date Of Registration: **18<sup>th</sup> Sept, 2025**  
Request For Accommodation: **20<sup>th</sup> Sept, 2025**  
Conference Dates: **26<sup>th</sup> and 27<sup>th</sup> Sept, 2025**

## FOR FURTHER DETAILS, CONTACT:

**Prof. (Dr.) Abani Kumar Sahu**

**Organising Secretary**

Department of Chemistry, Stewart Science College,  
Cuttack, Odisha – 753001

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Ph: 9438276672 (M), 8093064311 (M)

Website: <http://www.stewartsciencecollege.org>

# INTERNATIONAL SEMINAR ON

## Current Advances in Optical Spectroscopy and its Applications (CAOSA – 2025)

SEPTEMBER 26 – 27, 2025



**-: Organized by :-**  
**P. G. Department of Chemistry**  
**Stewart Science College**  
**Cuttack, Odisha, India – 753001**



## **ABOUT STEWART SCIENCE COLLEGE**

Stewart Science College is one of the oldest and premier educational institution in Cuttack, Odisha. Its history can be traced back to 1<sup>st</sup> July, 1944 when it was founded under the leadership of Rev. D.T. Roberts of Baptist Missionary Society of England. The College was named after William Day Stewart who was a prominent missionary and educationist. It is an exclusive Science College in Odisha offering quality education from intermediate level to Post Graduation level and is affiliated to Utkal University. The campus is equipped with various facilities, including well – equipped laboratories, a vast library and smart classrooms to support quality teaching – learning experience. The college is located 32km from airport, 5km from the railway station and 3km from the Netaji Bus terminal.

## **ABOUT DEPARTMENT OF CHEMISTRY**

Department of Chemistry is a part of Stewart Science College since its inception in the year 1944, when I.Sc. Course was inducted under the able leadership of Prof. Sisir K. Mukherjee. In the year 1967 another feather to the crown in the form Chemistry Honours was added to the department. To gear up research endeavors one research laboratory was set up in the year 2011 which helped in undertaking two minor and one major project by the faculties of the department. In the year 2023, the department extended its boundary when PG department was inducted.

## **ABOUT ODISHA**

The name Odisha is derived from Sanskrit word 'Odra Vishaya' or 'Odra Desa'. Odisha is one of the important states of India which is endowed with varieties of mineral resources like Iron ore, Manganese, Coal, Bauxite, Dolomite, Tin, etc. Traditionally known as the land of Lord Jagannath, Odisha is a potential State for tourists of various interests. The lush green forests of Ushakothi and Similipal filled with the chirping of birds and rich wild life are much-needed oasis. Odisha has a paradise for the birds as well as in the Chilika Lake which is the largest brackish Water Lake in Asia.

## **ABOUT INDIA**

India is a vast and diverse country located in South Asia. It is the 7<sup>th</sup> -largest country in the world by area and the most populous, with over 1.4 billion people. Known for its rich cultural heritage, India has a history dating back thousands of years, marked by ancient civilizations like the Indus Valley and spiritual traditions such as Hinduism, Buddhism,

Jainism, and Sikhism. It comprises 28 states and 8 union territories. From historical monuments like the Taj Mahal and Qutub Minar to spiritual destinations like Varanasi and Rishikesh, India attracts millions of tourists each year.

## **ABOUT CUTTACK**

Cuttack is the millennium city as well as silver city of Odisha founded in 989 A.D. and was the capital of Odisha for almost nine centuries. The city's name, Cuttack, has been derived from the Sanskrit word 'Kataka', which means a military camp protected by an army. Standing at the apex of the delta formed by the rivers Mahanadi in the north and Kathajodi in the south, it is the commercial capital and the second largest city in Odisha. With its world famous silver filigree, ivory and brass works and textile of woven silk and cotton, Cuttack city is perhaps the most resplendent showroom of Odisha.

## **ABOUT THE SEMINAR**

Spectroscopy is a powerful analytical technique at the heart of modern science and technology. This International Seminar on **Current Advances in Optical Spectroscopy and its Applications (CAOSA – 2025)** offers a deep dive into how light interacts with matter to reveal valuable information about the composition, structure, and properties of substances. Designed for students, researchers, and professionals, the seminar covers key spectroscopic methods including UV-Visible, Infrared (IR), Nuclear Magnetic Resonance (NMR), Raman, and Mass Spectrometry. Esteemed speakers from academia and industry will share insights into the principles, instrumentation, and cutting-edge applications of spectroscopy in fields such as chemistry, pharmaceuticals, materials science, and environmental studies. Through keynote addresses, technical sessions, and panel discussions, participants will engage with innovative research, emerging applications, and collaborative opportunities across various fields..

## **CALL FOR ABSTRACTS**

Abstracts related to the topic invited for oral/poster presentation should be submitted (within 500 words including reference in Times New Roman font with size 12) at [intseminarchemssc@gmail.com](mailto:intseminarchemssc@gmail.com) .

Multiple prizes for poster and oral presentation. Asst. Prof. and Research Scholars are encouraged for the same.

## **GUEST SPEAKERS (Tentative)**

Prof. (Dr.) Haruko Hosoi, Toho University, Japan  
Prof. (Dr.) Ashok Kumar Mishra, FNASc, IIT Madras  
Prof. (Dr.) Sudhanshu Sekhar Tripathy, Retd. Prof., RU  
Prof. (Dr.) Digambara Patra, American Uni. of Beirut, Lebanon  
Prof. (Dr.) William Mbogning Feudjio, Uni. Of Douala, Camaroon  
Prof. (Dr.) Saugata Sahu, NanoLSI, Kanazawa University, Japan  
Prof. (Dr.) Rajendra K. Mallick, Stockholm University, Sweden  
Prof. (Dr.) Lekha Paramanik, Jeonbuk National Uni., South Korea  
Prof. (Dr.) Jagannath Panda, Pukyong National Uni., South Korea  
Prof. (Dr.) Bhabesh Dadhich, Ben – Gurion University, Israel  
Prof. (Dr.) M. Fahed Qureshi, National University of Singapore  
Prof. (Dr.) M. Vitadello, New York City University  
Prof. (Dr.) Surendra Prasad, University of South Pacific  
Prof. (Dr.) Claudio Airolidi, University of Campinas  
Prof. (Dr.) Ivelina Gerogieva, Bulgarian Academy of Sciences  
Prof. (Dr.) Monalisa Mukherjee, Amity University  
Prof. (Dr.) Bismita Nayak, NIT – Rourkela  
Prof. (Dr.) Himanshu S. Biswal, NISER, BBSR  
Prof. (Dr.) Akhil Kumar Sahoo, Univ. of Hyderabad  
Prof. (Dr.) Bankim C. Tripathy, IMMT, BBSR  
Prof. (Dr.) Kallol Ghosh, Pt. Rabisankar Shukla Univ., Raipur  
Prof. (Dr.) Joydev Dinda, Utkal University, BBSR  
Prof. (Dr.) Purnendu Parhi, Ravenshaw University, CTC  
Prof. (Dr.) Anasuya Roychowdhury, IIT-BBSR  
Prof. (Dr.) S.K. Padhi, IIT (ISM) Dhanbad  
Prof. (Dr.) Narayan Pradhan, IACS, Kolkata  
Prof. (Dr.) Hirak Chakraborty, Sambalpur University  
Prof. (Dr.) B.K. Jena, IMMT, BBSR  
Prof.(Dr.) Bijaylaxmi Jena, H.O.D., Dept. of Chemistry, UU

## **REGISTRATION FEE**

Faculty members: **Rs. 1000 /-**

Students and Research Scholars: **Rs. 500 /-**

## **BANK DETAILS:**

SBI main branch, Collectorate Campus, Cuttack  
A/C No.- **10861704887**  
IFSC Code- **SBIN0000059**