



# NEWMAN COLLEGE THODUPUZHA

(Affiliated to Mahatma Gandhi University, Kottayam)  
(Re-accredited by NAAC with A++ Grade and CGPA of 3.71 in the Fourth Cycle)

## DEPARTMENT OF CHEMISTRY

in association with

AMERICAN  
CHEMICAL SOCIETY,  
HORIBA SCIENTIFIC  
&  
DBT Star College

Organizes

# Vortex 2024

One day Chemistry Symposium

14 October 2024



DBT STAR  
COLLEGE



### Keynote Talk



**Dr. Tharamani C.N.**  
Department of Chemistry,  
IIT Ropar

### Featured Talk



**Dr. Ditty Dixon**  
School of Chemical  
Sciences,  
Mahatma Gandhi University-  
Kottayam

### Featured Talk



**Dr. Namarata Jain**  
Senior Application Scientist  
Horiba India Pvt. Ltd



Newman College  
Thodupuzha



ACS  
Chemistry for Life®

HORIBA  
Scientific



DBT STAR  
COLLEGE

# Vortex 2024

14 October 2024

## Schedule

Time	Session	Details of the session
9:00 - 9:30 am		Registration
<b>Session 1, Venue: Mar Punnakottil Hall</b>		
09:30 - 09:40 am		Welcome note by the HOD
09:40 - 09:50 am		Inaugural address by the Manager
09:50 - 10:40 am	Keynote Lecture Advanced Energy Materials for Clean Energy Conversion	Dr. Tharamani C.N., Department of Chemistry, IIT Ropar
<b>Tea Break, 10:45 - 11:00 am</b>		
11:00 am-11:40 am	Featured Talk 1: In-operando Characterisation of Energy Storage and Conversion Devices	Dr. Ditty Dixon School of Chemical Sciences Mahatma Gandhi University Kottayam
11:45 am - 12:30 pm	Featured Talk 2 Horiba Solution for Nano Particle Characterisation	Dr. Namarata Jain Senior Application Scientist Horiba India Pvt. Ltd
<b>Lunch, 12:45 - 01:30 pm</b>		
<b>Session 2, Venue: Mar Punnakottil Hall</b>		
Oral Presentations by Students, 1:30-3:30 pm		
3:30 - Valedictory Function 04:00 pm - Tea and Snacks		

First Prize ₹ 5000/-  
Second Prize ₹ 3000/-  
Third Prize ₹ 2000/-

Dr. Bejoy Thomas (+91 9497579673)



Dr. Alex Joseph (+91 9497719239)



Dr. Cintil Jose (+91 9495999533)

Prof. Biju Peter  
HoD, Chemistry

Dr. Jenni K. Alex  
Principal

### General Instructions

- Spot registration with a payment of rupees 100 only
- Cash prize and ACS award for the top, first and the second runner up research scholars
- All the participating research scholars will get ACS participation certificate
- A book of abstract will be issued to participating research scolders
- Kindly stick on to the instruction to draft the abstract

### Format for abstract

- Abstract must be ONE page
- Must have a title, author's name and affiliation with details of the corresponding author(s)
- A list of 3-5 keywords
- A list of 3-5 most relevant references
- May or may not have a figure
- Font can be Calibri or Times New Roman with 12 size
- Submit the abstract at [bejoy.thomas@newmancollege.ac.in](mailto:bejoy.thomas@newmancollege.ac.in)