



## 2. WEBINAR

### NOVEL ELECTRODE MATERIALS FOR THE SENSING OF ENVIRONMENTAL POLLUTANTS

**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
Affiliated to Thiruvalluvar University, Vellore

*In Commemoration with Golden Jubilee Celebrations*

PG AND RESEARCH DEPARTMENT OF CHEMISTRY  
Organises One day National Level Webinar on  
**"Novel Electrode Materials for the Sensing of Environmental Pollutants"**

  
**Resource Person**  
**Dr. N.S.K. GOWTHAMAN**  
Post-Doctoral Researcher  
School of Engineering  
Monash University  
Malaysia

Date: 24.09.2021  
Time: 10.00 am

<b>Organising Secretaries</b>	<b>Convenor</b>	<b>Patron</b>	<b>Chief patrons</b>
Dr. S. Sashikala Dr. R. Arunadevi	Dr. M. Nagarathinam HOD	Dr. P. N. Sudha Principal	Dr. T. Sivakumar, President Er. D. Maninathan, Secretary

**Organising Committee**  
Dr. S. Santhalakshmi  
Dr. N. Dhanam  
Dr. T. Gomathi  
Mrs. J. Saranya  
Dr. D. Shakila

Registration link: <https://forms.gle/Q7iyCDUEnfX1AybJ9>  
Google meet link: <https://meetgoogle.com/wup-hsxn-upg>

*All are Cordially Invited*

We all are well aware of the importance of reduction of environmental pollutants. Environmental Pollutants are chemicals that have ended up in the environment as a result of human activities and that are hazardous to health.

In commemoration with Golden Jubilee year of celebration, Department of Chemistry has conducted its second National level webinar in the topic “Novel Electrode Materials for the Sensing of Environmental Pollutants” on 24.09.2021 (Friday) at 10.00 am. through Google Meet. Dr.N.S.K.GOWTHAMAN, Post-Doctoral Researcher, School of Engineering, Monash University, Malaysia acted as the Resource Person. Totally 225 participants from this college and other colleges have actively participated in this webinar.

The webinar was inaugurated by Dr. P. N. Sudha, Principal who also talked about the research going on in the college pertaining to pollutants. She addressed the gathering with tremendous words in which she expressed her sincere gratitude. The welcome address and introduction of Chief Guest was done by Dr. R. Arunadevi, Assistant Professor of Chemistry, D.K.M College for Women.

The Resource person of this webinar Dr.N.S.K.GOWTHAMAN, delivered his talk on “Novel Electrode Materials for the Sensing of Environmental Pollutants”. He nicely elaborated the specific topic as well as provided the valuable information’s regarding the process of sensing the environmental pollutants. The participants particularly the students were very motivated by hearing his particular journey in this area. The participants were well benefitted from his talk.

Finally the webinar was ended with vote of thanks which was delivered by Dr.S.Sashikala, Assistant Professor of Chemistry, D.K.M College for Women. She thanked the Chief Guest for his excellent talk and also thanked the Management, Principal, Head and all the professors and students of the Department of Chemistry. The webinar was coordinated by Mrs.J.Saranya , Assistant Professor of Chemistry, D.K.M College for Women.



Webinar meet id Meeting invite: x Meet - wup-hszn-upg

meet.google.com/wup-hszn-upg?pli=1&authuser=0

REC Gowthaman Krishnan is presenting

Gowthaman Krishnan

Sudha Prasad

97 others

You

10:27 AM | wup-hszn-upg

10:27 AM 9/24/2021

**Metal-organic Frameworks**

- The metal-organic frameworks (MOFs) are formed via coordination between metal ions and secondary building units with different functionalities
- The structural designs of MOFs are based on selection of metal ions and organic linkers to form 3D network type frameworks
- MOFs are belonging to a distinct kind of flexible crystalline porous materials with diverse dimensions and various morphologies