



**ASSABAH ARTS AND SCIENCE COLLEGE,  
VALAYAMKULAM**

**DEPARTMENT OF PHYSICS**

**IN ASSOCIATION WITH**



**CHRIST COLLEGE IRINJALAKUDA**

**DEPARTMENT OF PHYSICS**

**Presents**

**A Talk On**

# **Women and Science: Facts and Prejudice**



**ASSABAH**  
A 17th Century Culture Performance

# ABOUT

A. Seema is a Scientist at Centre for Materials for Electronics Technology (C-MET), Kerala, India. She did her Masters in Chemistry from Department of Chemistry, University of Calicut. She received her M.Tech and Ph.D. in Polymer Technology from Cochin University of Science and Technology. Under BOYSCAST fellowship, she was a visiting Scientist at the Department of Materials Science and Engineering, Cornell University, USA. She has received several awards and honors in the area of science and technology. She is a recipient of Nari Shakti Puraskar, the highest Civilian honor for Women in India and also a recipient of the prestigious National Award for Women's Development through Application of Science and Technology awarded by Government of India for her outstanding contributions in science and technology for the development of women community in India. Her invention on wearable device for breast cancer screening was selected as one of the best ten innovations in Prime Minister's award for Excellence in Public Administration in the innovations category. She was awarded "JPPI recognition" by Organization of Pharmaceutical Producers of India

Currently working in the area of sensors, actuators and renewable energy. Presently having projects on Development of Thermal Sensor Based Monitoring System for the Early Detection and Screening of Breast Cancer, Development of NTC thermistor for radiosonde and meteorological balloon application, graphene supercapacitors, graphene/polymer optical actuators and sensors, graphene as transparent electrodes for acoustic actuators and sensors etc. She has transferred several indigenously developed technologies to industries for commercialization including technologies on Chip thermistors and chip in glass thermal sensors, Quickly rechargeable emergency lamp and Wearable device and analysis system for early detection and screening of breast cancer.

## THE SPEAKER



**Dr. A. Seema**

Scientist

Centre for Materials for  
Electronics Technology  
Athani PO, M. G. Kavu  
Thrissur – 680 581

# ORGANIZING COMMITTEE

## PATRONS:

Muhammed Unni Haji (General Secretary, Assabah College Management)  
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Dr. K. Y. Shaju (Vice principal & Head, Dept. of Physics)  
Christ College Irinjalakuda

## CONVENERS

Prof. Bincy C.M, Assabah Arts & Science College, Valayamkulam  
Prof. Merin Jose , Christ College Irinjalakuda

## Platform:

The lecture will be delivered using the Google Meet application. Link will be sent to the registered participants by e-mail.

## Certificate:

E-certificate will be provided to all the participants after submission of a feedback form which will be made available after the presentation.



**DATE: 30th September 2020**



**TIME: 11 a.m.**

[Click Here](#)

**For Registration:**

**For more details:**



**Prof. Merin Jose - +91 7306188819**



**E-mail: [physicsdept@christcollegeijk.edu.in](mailto:physicsdept@christcollegeijk.edu.in)**