



The Institution of Engineers (India)

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

8 GOKHALE ROAD, KOLKATA – 700 020

PROFORMA OF REPORT FROM STUDENTS' CHAPTER

Details of Technical Activity

(Lecture/Paper presentation/Seminar/Workshop/Conference/Technical Project Demonstration/Model competition/Poster Competition/Group Discussion/Technical Quiz/Aptitude Test/Technical Visit/Film show/Display of Technical Information/Short term course)

Title /Theme: - Online webinar titled “Advances in Nuclear Engineering & Science”

Date : 21.08.2021

Duration: 1 day (11.00 AM to 12.00 PM)

No. of Students and Faculties Participated: 98 participants

Photographs with caption:

(Activity reports not supported by photographs shall not be considered for award)

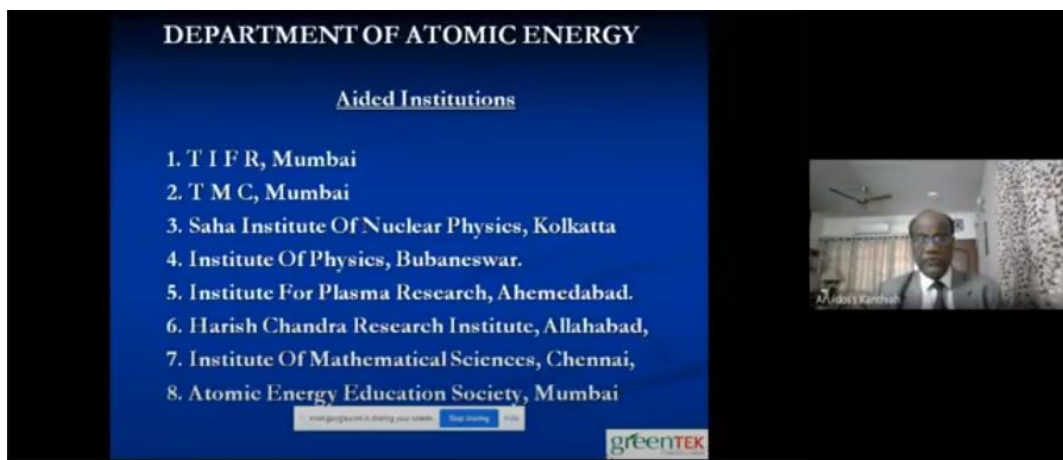


Fig. 1

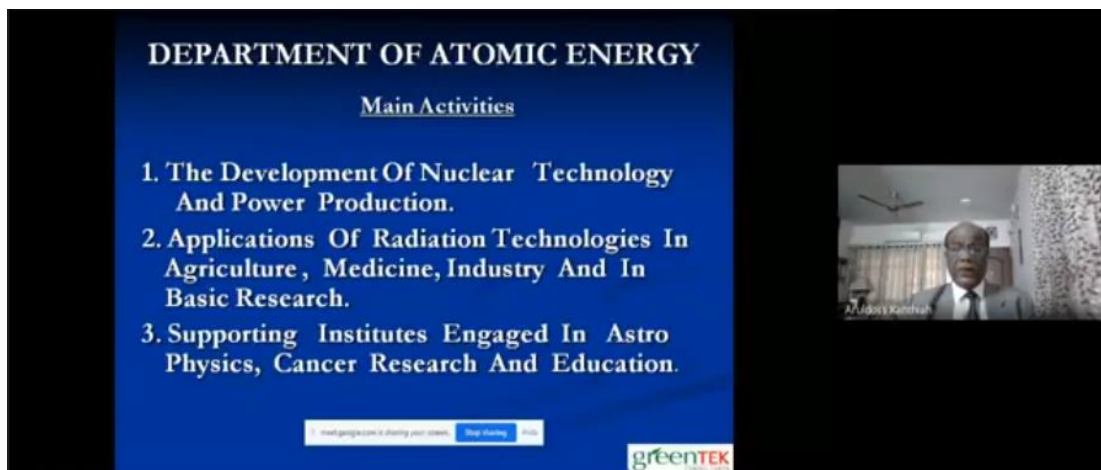


Fig. 2

**Details:****Chief Guest/ Guest of Honor: Nil****Designation: Nil****Speaker 1: Dr. W.S.Aruldoss Kanthiah****Designation/Organization: Outstanding Scientist & Former Director, Heavy Water Board, Department of Atomic Energy, Govt. of India, Mumbai****Report***(maximum 250 words)*

Department of Mechanical Engineering organized Extramural lecture series (ELS)- NT002 - Online webinar titled “Advances in Nuclear Engineering and Science” on 21.08.2021 for all the faculties and Students in various Engineering Colleges.

Mr.L.Karthikeyan, AP/Mech delivered welcome address and Mr.J.Jabinth, AP/Mech introduced the resource person of this event. He detailed about the schedule of event.

The resource person started with Brief history of Department of Atomic Energy and the institutions aided under the same. He explained the types of reactors used worldwide. He explained the usage of nuclear science in medical field. He also explained the application of nuclear energy in food processing. He explained the recycling of water using radiation. Other research areas of Heavy water includes polio vaccine preservation, optical fiber to enhance transmission, life of lubricant and polymer with improved mechanical and chemical properties.

Mr. L. Karthikeyan, AP/Mech acted as a moderator for the whole event and Mr.P.Suresh Kumar, ASCP/Mech delivered vote of thanks.

Totally, there are 105 registrations are received across all major cities of our state and few are from other states also. Out of which 98 participants attended via Google Meet Platform. All the 98 Participants received their certificate after they completed all procedures.

Video Link (21.09.2021):

<https://drive.google.com/file/d/1hSe8okB18evt4EuidZzDDkIpPDqMzwy3/view?usp=sharing>

**Sample Certificate****Brochure**

RAMCO INSTITUTE OF TECHNOLOGY
North vengannallur Village, Rajapalayam - 626 117
Approved by AICTE, New Delhi, Affiliated to Anna University,
NBA & NAAC Accredited and ISO 9001:2015 Certified Institution
Department of Mechanical Engineering
EXTRAMURAL LECTURE SERIES(ELS) - NT002
ADVANCES IN NUCLEAR ENGINEERING AND SCIENCE

Registration Link
<https://tinyurl.com/NuclearPowerEngg>

<https://meet.google.com/hne-wsje-ums>

Date :August 21, 2021
(Saturday)
IST: 11.00 A.M to 12 noon

Dr. W. S. Aruldoss Kanthiah
B.E., M.S. FIChE, FIE, FIC.
Outstanding Scientist & Former Director,
Heavy Water Board, Dept. of Atomic Energy,
Govt. of India, Mumbai.

COORDINATOR
Mr.J.Jabinth
ASST. PROF./MECH

CONVENER
Dr.P.SURESHKUMAR
ASSOC. PROF./MECH

PATRON
Dr.S.RAJAKARUNAKARAN
VICE PRINCIPAL & HEAD /MECH

CHIEF PATRON
Dr.L.GANESAN
PRINCIPAL

Signature of the Faculty Advisor

With date affixed with seal