



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K – 574225
Phone: 08258-262725, Fax: 08258-262726

Date: 15/1/17

To,
The Principal
Alva's Institute of Engineering and Technology
Shobavana Campus
Mijar

Sub: Request to Provide the Permission to conduct a Seminar on research methodology

Sir,

As per the subject mentioned above, Department of Chemistry is organising a Seminar on "Advanced Research-Nanomaterials in Technology" on Friday, 18/08/2017. In this regard we are inviting Dr. M. S. Santhosh as a resource person.

You are kindly requested to permit us to organise the seminar for the faculties of all the departments of AIET.

Thanking You,

Yours Sincerely,

H.O.D.
(Coordinator/HOD)
Dept. Of Chemistry
Department of Chemistry
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

PRINCIPAL
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K



Alva's Institute of Engineering & Technology

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To,

Date: 15/01/2017

Mr. M. S. Santhosh
Assistant Professor
Jyothy Institute of Technology
Bangalore

Sub: Letter of Invitation as a Guest Speaker

Dear Sir,

I am pleased to have the honour of inviting you to give a talk during a seminar on Research Methodology, organised by Department of Chemistry, Alva's Institute of Engineering and Technology. The seminar is arranged at 11:00AM on 18/08/2017 at our institution Auditorium.

You are kindly requested to accept our invitation and enlighten our faculties and students with your informative talk. We would be grateful to you on accepting this invitation and help our students to gather knowledge.

Thanking You

Yours Sincerely

Dr. Ravikumar C
Head of the Department
Dept of Chemistry
AIET, Mijar
H. O. D.

Dept. Of Chemistry
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
Shobhavana Campus, Mijar
Moodbidri-574225.

Ref: AIET/2017-18/R&D Cell/CHM/01

Date: 16/08/2017

CIRCULAR

To the information of all the faculties, Department of Chemistry is conducting Seminar on **“Advanced Research – Nanomaterials in Technology”** by **Dr. M. S. Santhosh**, on Friday, 18/08/17 in Auditorium. It is hereby informed to attend the same and get benefit of it.


Principal
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, Moodbidri - 574 225, D.K.



Alva's Education Foundation (R), Moodbidri
ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

**ALL ARE CORDIALLY INVITED
TO**

SEMINAR

ON

**Advanced Research-Nanomaterials in
Technology**

Friday, 18/08/17

VENUE: Auditorium



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Report

SEMINAR

ON

“Advanced Research- Nanomaterials in Technology”



Report on : Advanced Research-Nanomaterials in Technology

Details of Resource Person

Dr. Santosh M.S is working as Assistant Professor at Jyothy Institute of Technology. He is an Experienced Researcher, TEDx Speaker and Educator with a demonstrated history of working in the academic sector. Skilled in Materials Science, Spectroscopy, Electrochemistry, Nanotechnology, and Chemical Biology, he had explored the scientific world on various scientific assignments.

Brief report of the Program

Achievement in nano technology cannot be derived by simply scaling down the physical phenomena and mechanisms. Here surface phenomena plays important role compared to bulk phenomena. It is an essential challenge to understand the behavior of given materials on all length scales, from the nanostructure to the bulk materials. Compared to bulk scale the challenges for nanomaterials synthesis lie in the design and tailoring of complex nanoparticles and 'smart' nanomaterials with multiple functions for vast number of applications.

In this context Department of Chemistry, AIET organized a seminar on “Advanced Research-Nanomaterials in Technology” on Friday, 18/08/17 in Auditorium. Dr. Santosh M.S. was the resource person of the seminar. The session was arranged for all the faculties and students. He enlightened the students and faculties by motivating them through inspirational talk. He explained how nanomaterials can be joined without destroying their nanostructure and their function, how nanomaterials fail through corrosion, creep and fatigue, and how nanotribological mechanisms affect friction, adhesion, wear and lubrication.

He also added in nanomaterials science, the development of new materials drives many fields of engineering, e.g. to increase stiffness and at the same time save weight in aerospace or automotive industries. Finally he concluded with essential of nanomaterials to address major future global demands such as reducing energy consumption or the ecological impact of almost any product we use.



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Dr. Santhosh addressing and interacting with the students and faculties during the session.

Outcome of the Program: As a result of this session, the audience was able to understand the basic concepts of Nanomaterials and technology, their unique properties and applications in advanced materials research.

Program Coordinator

H. T. D.

Dept. Of Chemistry

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ATTENDANCE LIST

The following faculties have attended a Seminar on "Advanced Research-Nanomaterials in Technology" by Dr. M. S. Santosh, held on 18th August, 2017, organized by the Dept. of Chemistry, AIET.

Sl. No.	Name	Department	Signature
1.	Ravi Kumar - C	Chemistry	
2.	Pavithra. G. P	Chemistry	
3.	Dr. Basavaraj	Chemistry	
4.	Sakshi S Kamath	Chemistry	
5.	Koridhar B	Matls	
6.	Dr Jayarama	Physics	
7.	Santhosh. k	Civil	
8.	Shruthi h.	ECE	
9.	Vijeta. T.S	ECE	
10.	Mohan Reddy	Chemistry	
11.	Hemanth Suvarna	Mechanical	
12.	Praveen K.C	Mechanical	
13.	VIDYA	CSE	
14.	Ashwin. A R	Physics	
15.	Santhosh S	ECE	
16.	Rashmi R	Maths	
17.	Dr. Premale Kolake	Maths	
18.	Dr. Shashikumar K.	Physics	
19.	Sourya	Maths	
20.	Sachin. k	ECE	
21.	Dr. M. Beetham	CSE	

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22.	<u>P. Hegha D Hegde</u>	CSE	<u>Ms.</u>
23.	Ankitha Khetty	CSE	<u>Ms.</u>
24.	Shilpa	CSE	<u>Ms.</u>
25.	SHARAN L PADE	DSB	<u>Sharan.</u>
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