



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

From,

Date: 02-01-2017

Dr. D V Manjunatha
Head of the Department
E & C Engineering
Alva's Institute of Engineering and Technology
Moodbidri.

To,

The Principal
Alva's Institute of Engineering and Technology
Moodbidri.

Respected Sir,

**Sub: Requisition for Conducting Workshop on Micro electro Mechanical System
from 16th Jan To 19th Jan 2017 reg:-**

With reference to the above subject, we are planning to conduct **Workshop on
Micro electro Mechanical System 16th Jan To 19th Jan 2017**
So I kindly request you to grant the permission for conducting the Workshop.

Thanking you

Your's faithfully

Dr. D V Manjunatha
Head of the Department
H. O. D.

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

Dr. Peter Fernandes

The Principal
AIET Moodbidri.
PRINCIPAL

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

**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

**Dept. of Electronics and
Communication Engineering**



**Alva's Institute of Engineering and Technology
Dept. of Electronics and Communication Engineering**



We cordially invite you to the Inaugural function of

Four days workshop
On

“Micro electro mechanical systems”

President:

Dr. M.Mohan Alva
Chairman,

AEF, Moodbidri.

Chief Guest:

BasavarajSheeparimatti,

Professor,

Basaveshwara Eng. College

Bagalkot

Guest of Honor:

Sri. Vivek Alva,
Management Trustee,
AIET, Moodbidri.

Date:

16/01/2017 @ 9.30A.M

Convener

Dr.D.VManjunatha
Dr.D.VManjunatha

Sr. Professor, Dept. of ECE
AIET, Moodbidri.

PrincipalHOD

Dr. Peter Fernandes
AIET, Moodbidri

To,



**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY, MOODBIDRI**

Department of Electronics & Communication Engineering

Workshop on Micro electro Mechanical System

16th Jan To 19th Jan 2017

Registration

#	Name	Signature
1	DR. D V MANJUNATHA	
2	MR. RAGHAVENDRA RAO	
3	MR. PRAVEEN. J	
4	MR. SHANKAR B.B	
5	MR. RAMESH B	
6	MR. SUDHAKARA H.M	
7	MR. PARVEEZ SHARIFF B.G	
8	MRS. JYOTHI PRAMAL	
9	MRS. SAHANA K ADYANTHAYA	
10	MR. ROSHAN S	
11	MRS. VIJETHA .T.S	
12	MR. SANTHOSHA .S	
13	MS. DEEPA N	
14	MR.YUVARAJU .T	
15	MR. MAHENDRA H N	
16	MR. ANEESH JAIN M V	
17	MR. SANTHOSH T	
18	MRS. BHAGYASHREE K	
19	MR. VENKATESH Y C	
20	MS. KUMARI SHRUTHI	
21	MS. SHREEDEVI SUBRAMANYA	
22	MR. DEEPAK RAJ	
23	MR. SUSHANTH ANIL LOBO	
24	MS. SUDINA S D	
25	MR. PRADEEP KUMAR K	
26	MRS. TANYA MENDEZ	
27	MR. SACHIN .K	
28	MS. PRITHVI P SHETTY	
29	MS. NEETHI SANTHOSH SHETTY	

D.V. T.

H. O. D.

Dept. of Electronics & Communication
Alva's Institute of Engg. & Technology
MOODBIDRI - 574 225



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
Department of Electronics & Communication Engineering

Workshop on Micro electro Mechanical System

16th Jan To 19th Jan 2017

Attendance List

#	Name	16/01/2017		17/01/2017		18/01/2017		19/01/2017	
		FN	AN	FN	AN	FN	AN	FN	AN
1	DR. D V MANJUNATHA	✓	✓	✓	✓	✓	✓	✓	✓
2	MR. RAGHAVENDRA RAO	✓	✓	✓	✓	✓	✓	✓	✓
3	MR. PRAVEEN. J	✓	✓	✓	✓	✓	✓	✓	✓
4	MR. SHANKAR B.B	✓	✓	✓	✓	✓	✓	✓	✓
5	MR. RAMESH B	✓	✓	✓	✓	✓	✓	✓	✓
6	MR. SUDHAKARA H.M	✓	✓	✓	✓	✓	✓	✓	✓
7	MR. PARVEEZ SHARIFF B.G	✓	✓	✓	✓	✓	✓	✓	✓
8	MRS. JYOTHI PRAMAL	✓	✓	✓	✓	✓	✓	✓	✓
9	MRS. SAHANA K ADYANTHAYA	✓	✓	✓	✓	✓	✓	✓	✓
10	MR. ROSHAN S	✓	✓	✓	✓	✓	✓	✓	✓
11	MRS. VIJETHA .T.S	✓	✓	✓	✓	✓	✓	✓	✓
12	MR. SANTHOSHA .S	✓	✓	✓	✓	✓	✓	✓	✓
13	MS. DEEPA N	✓	✓	✓	✓	✓	✓	✓	✓
14	MR.YUVARAJU .T	✓	✓	✓	✓	✓	✓	✓	✓
15	MR. MAHENDRA H N	✓	✓	✓	✓	✓	✓	✓	✓
16	MR. ANEESH JAIN M V	✓	✓	✓	✓	✓	✓	✓	✓
17	MR. SANTHOSH T	✓	✓	✓	✓	✓	✓	✓	✓
18	MRS. BHAGYASHREE K	✓	✓	✓	✓	✓	✓	✓	✓
19	MR. VENKATESH Y C	✓	✓	✓	✓	✓	✓	✓	✓
20	MS. KUMARI SHRUTHI	✓	✓	✓	✓	✓	✓	✓	✓
21	MS. SHREEDEVI SUBRAMANYA	✓	✓	✓	✓	✓	✓	✓	✓
22	MR. DEEPAK RAJ	✓	✓	✓	✓	✓	✓	✓	✓
23	MR. SUSHANTH ANIL LOBO	✓	✓	✓	✓	✓	✓	✓	✓
24	MS. SUDINA S D	✓	✓	✓	✓	✓	✓	✓	✓



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
Department of Electronics & Communication Engineering

Workshop on Micro electro Mechanical System

16th Jan To 19th Jan 2017

25	MR. PRADEEP KUMAR K	/	✓	/	✓	✗	/	/	✓
26	MRS. TANYA MENDEZ	/	✓	/	✓	✓	/	/	✓
27	MR. SACHIN .K	/	✓	/	✓	✓	/	/	✓
28	MS. PRITHVI P SHETTY	/	✓	/	✓	✓	/	/	✓
29	MS. NEETHI SANTHOSH SHETTY	/	✓	/	✓	✓	/	/	✓

D.V. J.

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Moodbidri, MOODBIDRI - 574 225



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

2 days workshop on "Micro electro mechanical systems"

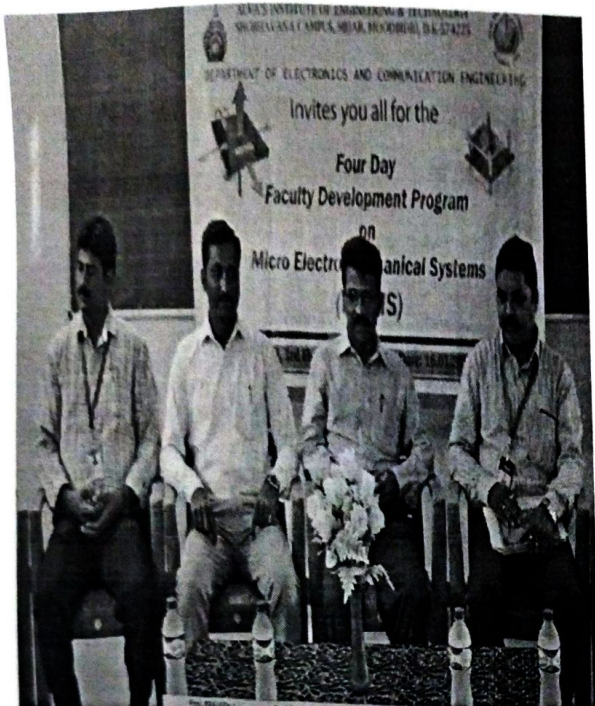
On 16/01/2017 and 17/01/2017

Objective of the workshop

The MEMS system exists today in many environments, agriculture, automotive, medical, consumer, industrial and aerospace. Their potential for future tunneling into a broad range of applications is real, supported by progressive activities both by academia and industry in all streams of engineering. The development of MEMS is inherently interdisciplinary, necessitating an understanding of the fabrication methods. This FDP aims at providing the essence of Microelectronics and Micro Electro Mechanical Systems design using COSMOL Multiphysics Tools focusing on all engineering streams, so that, the faculty who attends this FDP should come out with their own project in MEMS.

The multiphysics nature of MEMS devices requires that a system designer has a vast understanding and knowledge of these various branches of physics. Because some microscale effects are totally new or behave differently than at the macroscale, engineers require new system-design philosophies. They likely find it difficult to split one design into parts, which is common for macroscale device, where one engineer can fully study the mechanics while others concentrate, for instance, on the electrical or thermal aspects. Thus the MEMS engineer is a true systems designer, handling several physical phenomena simultaneously—and COMSOL Multiphysics and the MEMS Module can do the same. Most MEMS devices are manufactured using lithography-based micro fabrication, a technology that the microelectronics industry has refined for highly integrated circuits. Thanks to these efforts there are excellent methodologies and facilities for mass production.

Two days workshop on "MicroElectro Mechanical System" was organized. The inauguration ceremony was graced by the presence of Mr. Basavaraj Sheeparimatti, Professor, Basaveshwara Eng. College Bagalkot, Mr. Prashanth Hanasi, Professor, Jai College, Belagavi, Mr. Rajesh, Engineer, STD Bengaluru, Dr. DV Manjunatha, HOD Dept of ECE, Dr. Praveen J, Dean Academics, AIET. The inaugural session started with a welcome address by Dr. D V Manjunatha, Head of the Dept., ECE, AIET. Followed by this, the dignitaries on the dais lighted the lamp and formally inaugurated the session. A formal introduction of the chief guest of the function was done by Prof. Shruthi kumari, Asst Prof. from the dept of ECE.



D.V. [Signature]

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mudur, MOODSIBERI - 574 225

EDUCATION FOUNDATION (R.)

MOODBIDRI - 574 227, D.K.

DEBIT/ CREDIT VOUCHER

Date 21/03/12

Sl. No.	Particulars	College Code	Debit (₹)	Credit (₹)
a	Seminar & Workshop Exps Alc	AIER	17994	
b	Seminar & Workshop Income	AIER		7500
c	Advance Alc (Ramesh m R AIER)	AIER		10494
d				
e				
PAYABLE / RECEIVABLE				
TOTAL			17994	17994

uppes

arration

Am+ paid towards Exps incurred in 2 days FDP on micro
Cetso mechanical Systems on 16/1/12 & 17/1/12. 00p bill entered today

Prepared by

Principal

PRINCIPAL

A.O.

Authorised by

Receiver's / Remitter's Signature

Alva's Institute of Engg. & Technology,

Mqar. MOODBIDRI - 574 225, D.K.

INCOME		400.00
1	Collected amount	17994.00



Alva's Educational Foundation

Alva's Institute of Engineering & Technology

(A Unit under AEF, Moodbidri)

Affiliated to VTU Belgaum, Recognized by AICTE, New-Delhi

Shobhavana Campus, Moodbidri, D.K. 574225



Department of Electronics & Communication Engineering

Certificate of Participation

This is to certify that Dr./Mr./Ms/ SUDHAKARA H M

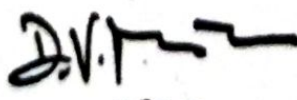
of ECE Department A.I.E.T College has

attended four days of workshop on "Micro Electro Mechanical Systems (MEMS)" organised by

Department of Electronics & Communication Engineering at Alva's Institute of Engineering &

Technology, Moodbidri from 16th to 19th janurary, 2017.


Resource Person


HOD


Principal



Alva's Institute of Engineering & Technology

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Phone: 08258-262725, Fax: 08258-262726

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI Department of Electronics & Communication Engineering

Workshop on Micro electro Mechanical System

16th Jan To 19th Jan 2017

FEEDBACK FORM

	Strongly agree	Agree	Neutral	Disagree
1. The objective of the training were clearly defined	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Participation and interaction are encouraged	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. The topics covered were relevant to me	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
4. The content was organised and easy to follow	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. This training experience will be useful to my work	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. The trainer was knowledgeable about the training topics	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. The trainer was well prepared	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. The training objectives were met	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
9. The time allotted for the training was sufficient	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
10. The meeting room and faculties were adequate and comfortable	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Suggestions (if any) : I wish to have the same one more
workshop on the same topic

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