



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological University, Belgaum,

Approved by AICTE, New Delhi & Recognised by Government of Karnataka)

(An ISO 9001:2008 Certified Institute)

hobhavana Campus, Mijar, Moodbidri-574225, Mangalore, D.K. , Karnataka State.

Phone : 08258-262724(O) , 262725 (P), Telefax : 08258-262726

Email : principalaiet08@gmail.com , Web: www.aiet.org.in

Ref: AIET/2016-17/R&D Cell/MAT/01

19/12/2016

From ,

Prameela S.Konde
Asst.Professor & H.O.D.-Mathematics
Alva's Institute of Engineering & Technology ,
Moodabidri – 574225

To,

Dr. Peter Fernandes
Principal,
Alva's Institute of Engineering & Technology ,
Moodabidri – 574225

Respected Sir,

Sub : Request letter to conduct TWO day workshop- req.

I am very much pleased to bring to your kind notice that our department is planning to conduct a TWO day workshop on **"APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"** on 20th & 21st of January , 2017. In this regard I kindly request you to give the permission for the same.

Thanking you,


yours faithfully

Place : AIET, Mijar

**Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore**

Department of Mathematics,

Two days workshop on

“APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY”

AGENDA

- 1. Escorting the dignitaries**
- 2. Invocation**
- 3. Welcome**
- 4. Lighting the lamp**
- 5. Introduction of guest's**
- 6. Overview of workshop by HOD Prof. Prameela S. Konde**
- 7. Presidential Address**
- 8. Vote of Thanks**
- 9. Keynote talk by Dr. Shyam S Kamath**

**Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore**

Department of Mathematics,

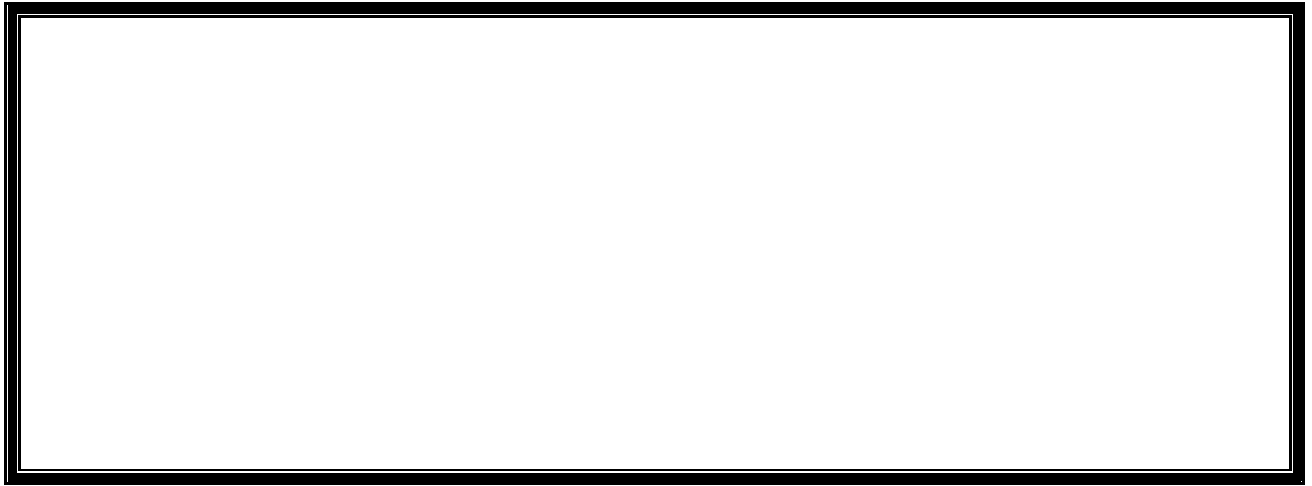
Two days workshop on

“APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY”

20th & 21st January, 2017

AGENDA

- 1. Escorting the dignitaries**
- 2. Invocation**
- 3. Welcome**
- 4. Lighting the lamp**
- 5. Introduction of guest's**
- 6. Overview of workshop by HOD, Prof. Prameela S. Konde**
- 7. Presidential Address**
- 8. Vote of Thanks**
- 9. Keynote talk by Dr. Shyam S Kamath**



Alva's Institute of Engineering and Technology
Mijar, Moodbidri
Department of Mathematics

Date: 24-12-2016

To,

The Principal

AIET, Mijar

Subject : Budget plan for the workshop to be held on 20th & 21st Jan 2017 -reg.

Sl. No.	Particulars	Amount
1	Printing of Brochures 250 copies x Rs. 25 (approx)	6,250
2	Printing of Certificates	3,000
3	Folders, Pen , Scribbling Pad etc	5,000
4	Renumeration for 3 resource persons	25,000
5	Food for two days (Breakfast+ lunch + tea for 125 participants)	25,000
6	Banner ,water bottles, bouquets, flowers , xerox etc.	2,000
7	Miscellaneous	1,500
Total		67,750

Fund generated : Registration fees :-

Staff /Research Scholars— 500*50=25,000/-

Students — 300*75=22,500/-

Total - 47,500/-


PRINCIPAL
PRINCIPAL

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

Two days workshop on
“Application of Mathematics
in Science & Technology”

REGISTRATION FORM

1. Name in block letters :

.....

2. Gender : M ☐ / F ☐

3. Institution / Organization :

.....

4. Address for Communication :

.....

5. Contact Number :

6. Email ID :

7. Accommodation required (Yes/No) :

8. Registration Fee : Rs.

Bank :

DD No. :

Dated :

Date :

Place :

Signature of Participant

Can also register through the Google link :
https://drive.google.com/open?id=1ao8GNO-4q1uAnxWny_IT42qJSaZnEuJHB-gEasiSITQ

----- : CHIEF PATRON : -----

Dr. M. Mohan Alva

Chairman, AEF, Moodbidri

----- : PATRONS : -----

Mr. Vivek Alva

Managing Trustee
AEF, Moodbidri

Dr. Peter Fernandes

Principal
AIET, Moodbidri

----- : CONVENOR : -----

Mrs. Prameela S. Konde

HOD, Department of Mathematics
AIET, Mijar, Moodbidri

----- : COORDINATORS : -----

Mr. Vasanth K R

Department of Mathematics
AIET, Moodbidri

Mr. Nagarjun Prabhu

Department of Mathematics
AIET, Moodbidri

----- : ORGANIZING COMMITTEE : -----

Mrs. Kavitha B.

Mrs. Prameela

Mrs. Nisha Kumari

Ms. Sowmya

Mrs. Radhika

Mrs. Rashmi R.

Ms. Anupama S.J.

TWO DAYS WORKSHOP ON
APPLICATION OF
MATHEMATICS
IN
SCIENCE & TECHNOLOGY

20TH AND 21ST JANUARY 2017

VENUE : MBA SEMINAR HALL

: Organised By :



DEPARTMENT OF MATHEMATICS
ALVA'S INSTITUTE OF
ENGINEERING & TECHNOLOGY

Affiliated to VTU, Belgaum and
Approved by A.I.C.T.E., New Delhi
(A Unit of Alva's Education Foundation (R))

SHOBHAVANA CAMPUS
MIJAR, MOODBIDRI - 574225
D.K., KARNATAKA
Website: www.aiet.org.in



ABOUT THE FOUNDATION

Alva's Education Foundation (AEF), Moodbidri, Karnataka, established in the year 1995, to realize the dream of Dr.M. Mohan Alva, to empower the youth so as to build a just and equitable society. AEF offers courses across broad range of disciplines under Mangalore University, Rajiv Gandhi University for Health Sciences and Visvesvaraya Technological University, Belgavi. Besides advancing the course of knowledge in various fields, the professional colleges under AEF organize many cultural and literary festivals like Alva's Nudisiri, Alva's Virasat, Alva's chitrasiri, Varna Virasat, the major events to lead rich meaning to the contemporary social life which is otherwise fraught with modern monotony. In addition, many sports events of state and National denominations are organized to groom the budding talents for golden career.

ABOUT THE INSTITUTION

Alva's Institute of Engineering & Technology (AIET), is a premier engineering institute of Alva's Education Foundation established in the year 2008. AIET is a strategically located adjacent to Sholapur – Mangalore National Highway, which is 24kms from Mangalore International Airport. It has a lush green campus spread over 30 acres; a part of Alva's Shobavana, 144 acres spread on a famous herbal garden with more than two thousand variety of herbal plants.

ABOUT THE DEPARTMENT

The Department of Mathematics started in the academic year 2008-09 along with other Engineering & Science departments. The vision of department is to provide the best maths education required to strengthen the backbone of all Engineering department. The department has well qualified and highly motivated staff who are actively involved in providing high quality value based education to the students.

OBJECTIVE OF THE WORKSHOP

- ❖ To make the participants familiar with several areas in mathematics with emphasis on its application in science and technology.
- ❖ To provide a platform for enriching the Mathematical flavor and culture in various fields of engineering and Technology

TOPICS TO BE COVERED

- Cryptography
- Mathematical Modelling
- Matlab

ADDRESS FOR CORRESPONDENCE

Mr. Vasanth K.R.

Department of Mathematics
Alvas Institute of Engineering & Technology
Moodbidri - 574225, DK
Mob: +919164281740
Email: vasanthkr129@gmail.com

Mr. Nagarjun Prabhu

Department of Mathematics
Alvas Institute of Engineering & Technology
Moodbidri - 574225, DK
Mob: +919886819322
Email: nagarjunprabhu600@gmail.com

: RESOURCE PERSONS :

Dr. Shyam S. Kamath

Associate Professor
Department of Mathematical and
Computational Sciences
National Institute of Technology Karnataka
Surathkal

Dr. Vadiraja Bhatta

Associate Professor
Department of Mathematics
Manipal Institute of Technology
Manipal

Dr. Ganesh Murthy

Principal Engineer
Mercedes-Benz Research and
Development India Pvt. Ltd.
Bengaluru

REGISTRATION FEE

Faculty / Research Scholars	500/-
Students	300/-

The registration fees is to be paid in Cash at the time of registration or the DD can be drawn in favour of 'Principal, Alva's Institute of Engineering and Technology' payable at Moodbidri.

Last date for registration is 10th January 2017



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From ,

Dr. Peter Fernandes

Principal,

Alva's Institute of Engineering & Technology ,

Moodabidri - 574225

To,

Dr. Shyam S. Kamath

Associate Professor

Department of Mathematical and Computational Sciences,

National Institute of Technology Karnataka, Surathkal.

Dear Sir,

Sub : Invitation for workshop inauguration and speaker for the first session- req.

I am very much pleased to have the honour of inviting you to our institution for two days workshop on **"APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"** on **20th & 21st of January , 2017** , organized by the Department of Mathematics of our institution .I also take this opportunity to invite you as a Speaker for the **first session** on **20-01-2017 ,Friday, between 10:00 A.M - 12:45 P.M .** I look forward to meet you at our campus.

Thanking you ,

Yours truly


PRINCIPAL

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



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From ,

Dr. Peter Fernandes

Principal,

Alva's Institute of Engineering & Technology ,

Moodabidri – 574225

To,

Dr. Vadiraja Bhatta

Associate Professor

Department of Mathematics ,

Manipal Institute of Technology , Manipal.

Dear Sir,

Sub : Invitation for workshop speaker - req.

I am very much pleased to have the honour of inviting you to our institution for two days workshop on **"APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"** on **20th & 21st of January, 2017**, organized by the Department of Mathematics of our institution. I also take this opportunity to invite you as a Speaker for the **Second session** on **20-01-2017, Friday** between **1:45 P.M - 5:00 P.M**. I look forward to meet you at our campus.

Thanking you ,

Yours truly


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From ,

Dr. Peter Fernandes

Principal,

Alva's Institute of Engineering & Technology ,

Moodabidri - 574225

To,

Dr. Ganesh Murthy

Principal Engineer,

Mercedes-Benz Research and Development India pvt. Ltd.

Bengaluru.

Dear Sir,

Sub : Invitation for workshop speaker - req.

I am very much pleased to have the honour of inviting you to our institution for two days workshop on **"APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"** on **20th & 21st of January , 2017** , organized by the Department of Mathematics of our institution .I also take this opportunity to invite you as a Speaker on **21-01-2017** , Saturday from **9:00 A.M to 6:00 P.M** . I look forward to meet you at our campus.

Thanking you ,

Yours truly

PRINCIPAL

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



Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore

Department of Mathematics,

Two days workshop on
"APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY"

Programme Schedule

Date - 20 January, 2017

08:30AM - 09:15AM	Registration	
09:15AM - 09:45AM	Inauguration	
Timings	Speaker	Topic
Session I		
10:00AM - 11:00AM	Dr. Shyam S. Kamath Associate Professor, Dept. of Mathematical and Computational Sciences, NITK, Surathkal	Mathematical Modelling
11:00AM - 11:15AM	TEA BREAK	
Session II		
11:15AM - 12:30PM	Dr. Shyam S. Kamath Associate Professor, Dept. of Mathematical and Computational Sciences, NITK, Surathkal	Mathematical Modelling
12:30PM - 1:30PM	LUNCH BREAK	
Session III		
1:30PM - 3:00PM	Dr. Vadiraja Bhatta Associate Professor, Dept. of Mathematics, MIT, Manipal	Cryptography
3:00PM - 3:15PM	TEA BREAK	
3:15PM - 4:30PM	Dr. Vadiraja Bhatta Associate Professor, Dept. of Mathematics, MIT, Manipal	Cryptography

END OF DAY 1

Date - 21 January ,2017

Timings	Speaker	Topic
Session I		
09:00AM - 11:00AM	Dr. Ganesh Murthy Principal engineer, Mercedes - Benz Research and Development India Pvt. Ltd. Bengaluru.	Basics: What is <i>Mat lab style</i> of carrying out computations? Arrays, Vectors, Cell Arrays, Structures, etc.
11:00AM - 11:15AM	TEA BREAK	
Session II		
11:15AM - 1:00PM	Dr. Ganesh Murthy Principal engineer, Mercedes - Benz Research and Development India Pvt. Ltd. Bengaluru.	GUI's in Mat lab - How to build GUIs in Mat lab and present your results
1:00PM - 1:45PM	LUNCH	
Session III		
1:45PM - 3:15PM	Dr. Ganesh Murthy Principal engineer, Mercedes - Benz Research and Development India Pvt. Ltd. Bengaluru.	Some exercises on computational mathematics applied to some engineering problems.
3:15PM - 3:30 PM	TEA BREAK	
3:30PM - 6:00 PM	Dr. Ganesh Murthy Principal engineer, Mercedes - Benz Research and Development India Pvt. Ltd. Bengaluru.	Simulink and applications of simulink for physical systems modeling.
6.00 PM- 6:10 PM	Concluding remarks	

Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore





Department of Mathematics,
Two days workshop on
"APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY"

List of participants (Staff)

Sl. No	Name of the Participant	College/University	Contact number	Amt. paid	Accommodation (Y/N)	Receipt received (20/1/17)	Signature (21/1/17)	Certificate received
1.	DR ASHA CRASTA	M.I.T.E	9902199045	500	N	20/1/17		
2.	Mr Sandeep Vittal Paw	Criminal school of eng SSE, Mulka	9036110969	500	N			
3.	Mr Sharan Hegde	Barys institute Bar B.T. of Technology Mangalore	9686403608	500	Y(10)			
4.	Mr Manjunath K.B	"	9480454695	500	Y			
5.	Mr Ramesh G.	S.D.M I T Ujire	9353109216	500	N			
6.	Ms Supriya	Nahaveera college	9164898843	500	N			
7.	Dr. Vidya K.	SDMIT, Ujire	9008359769	500	N			
8.	Shobha P. Jeevandhan	SDMIT, Ujire	8277401853	500	N			
9.	Divya Shree Pawar	SDMIT, Ujire	8549018173	500	N			
10.	Raksha Kakkannaya A	AJET, Mijar	9449254789	500	N			
11.	ASHWINI A.R	AJET, Mijar	9901033069	500	N			
12.	Dr. Shashikumar K.	Dept of physics AJET, Mijar	8771826021	500	N			

No	Name of the Participant	College/University	Contact number	Amt. paid	Amount received V/O	Receipt received (20/1/19)	Signature (20/1/19)	Receipt date received
13.	Viju Francis	AIET, Moodanadu	9900335253	500	N	(Signature)	(Signature)	(Signature)
14.	Renita Sharon Monis	SMVITM, Bartakal	9900581417	500	N	(Signature)	(Signature)	(Signature)
15.	Lelela Priya Castelino	"	9741968888	500	N	(Signature)	(Signature)	(Signature)
16.	Nesha Reena Nazareth	"	9164370482	500	N	(Signature)	(Signature)	(Signature)
17.	Raghuvveer Hella	SSE, Mukka		500	N	(Signature)	(Signature)	(Signature)
18.	G.B. Vaggar	AIET, Moodanadu	9980698703	500	N	(Signature)	(Signature)	(Signature)
19.	Pratheeba . K.N	STEC, Vamanjoor	9846990877	500	N	(Signature)	(Signature)	(Signature)
20.	Aleyamma George	St. Joseph Engg. College Vamanjoor	9741270325	500	N	(Signature)	(Signature)	(Signature)
21.	Bacappa B Koddala	A.T Institute of Eng & Technology	9986817862	500	N	(Signature)	(Signature)	(Signature)
22.	Ramesh Kumar . T.H	M.I.T.E	9739461058	500	N	(Signature)	(Signature)	(Signature)
23.	Ramya chandran	M.G.M college	9535796358	500	N	(Signature)	(Signature)	(Signature)
24.	Sarasawathi . T.A	M.G.M college	9449991636	500	N	(Signature)	(Signature)	(Signature)
25.	chetana	VPJaya college	9448623778	500	N	(Signature)	(Signature)	(Signature)
26.	Vedarnurthy H.N	AIET college	8951004098	500	N	(Signature)	(Signature)	(Signature)
27.	Deepak Shetty	MIT Kundabhim	9945271662	500	N	(Signature)	(Signature)	(Signature)
28.	Shankarappa B	AIET, Mijan	9449175875	500	N	(Signature)	(Signature)	(Signature)
29.	Yogish Rao	" "	9071199015	500	N	(Signature)	(Signature)	(Signature)

	College/University	Contact number	Amt. paid	Accommodation (Y/N)	Receipt received (20/1/17)	Signature (21/1/17)	Certificate received
83	P. Aishwarya	Madhwa (SPE Aradhya Vaidya Inst of Technology & Management)					
57	Panksha Solian	S.M.V.I.T.M Bandrol 9482159802	500	N			
		Canara Eng. college 782968786	500	N			

Sl. No.	Name of the Participant	College/Institution	Contact number	Amt. paid	Accommodation Y/N	Receipt received (20/1/17)	Signature (21/1/17)	Certificate received
1.	GOWTHAM, H. I	MIT, MANIPAL	9972246426	300	N			
2.	SARATH, S. ANANDH	MIT, MANIPAL	9743124106	300	N			
3.								

Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore

Department of Mathematics,
Two days workshop on
"APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY"

List of participants (Alva's Students)

Sl No	Name of the Participant	College/Institution	Contact number	Amnt. paid	Accommodation (Y/N)	Receipt received (20/1/17)	Signature (21/1/17)	Certificate received
1	ASHWITHA	ALVA'S Institution	9916538163	250	N	<i>Ashwita</i>	<i>Ashwita</i>	
2	SWATHI . M .	"	92448909408	250	N	<i>Swathi.M.</i>	<i>Swathi.M.</i>	
3	N. VIDYASHREE	"	9591545417	250	N	<i>Vidya.N</i>	<i>Vidya.N</i>	
4	HARSHITHA . K .	"	9164767074	250	N	<i>Harshita</i>	<i>Harshita</i>	
5	SUPRIETHA . P .	"	9591881651	250	N	<i>Suprietha</i>	<i>Suprietha</i>	
6	VINGEETA . JYOTHI . ISREQUEIRA	"	9743723473	"	"	<i>Vingeeta</i>	<i>Vingeeta</i>	
7	RAKSHITHA	"	9844764331	"	"	<i>Rakshitha</i>	<i>Rakshitha</i>	
8	SOWMYA . M	"	97435561740	"	"	<i>Sowmya.M.</i>	<i>Sowmya.M.</i>	
9	ANUROOPA . M . A	"	8150079009	"	"	<i>Anuroopa</i>	<i>Anuroopa</i>	
10	SHRIDEEVI . P	"	9483329888	"	"	<i>Shridevi</i>	<i>Shridevi</i>	
11	KUTAR . K . S	"	9535524957	"	"	<i>Kutar</i>	<i>Kutar</i>	
12	VANISREE	"	9739394684	250		<i>Vanisree</i>	<i>Vanisree</i>	
13	SHRUTHI . M .	"	8762317944			<i>Shruthi</i>	<i>Shruthi</i>	

	Name of the Participant	College/Institution	Contact number	Amt. paid	Accommodation (Y/N)	Receipt received (20/1/17)	Signature (21/1/17)	Certificate received
14.	SEETHALAKSHMI, H.K	Alvars College	9448562778	250	N			
15.	ANUSHA	"	9663964906	"	"			
16.	Poojitha, B.K	"	8105301616					
17.	Nischitha	"	9008910468					
18.	Nagamani, A.O	"	9008788456					
19.	Alpitha, H.L	"	9902728809					
20.	Hamsalekha, H.G	"	9972334348					
21.	Venu, P. V.	"	9901981574					
22.	Ashwini, A. Poofathi	"	9980834260					
23.	Jovitha Rego.	"	9902241750					
24.	Syona Reema Suresh	"	9480875953					
25.	Smitha, P. D	"	9685558925					
26.	Meera, Rajan	"	9497243226					
27.	Nayana, P. V	"	9656103951					
28.	Vijayalakshmi, Rai	"	8861258125					
29.	Apoorva, Dani	"	9741685409					
30.	Neelasharmamthy, G.N.	"	8861318558					

Sr	Name of the Participant	College/Institution	Contact number	Amt. paid	Accommodation Y/N	Receipt received (20/1/17)	Signature (21/1/17)	Certificate received
31.	Harishtha H.D	Alvas college	8861477688	250	N	ma.mallik	ma.mallik	
32.	Harshitha K.M	"	8050784860	250	N	Harshitha K.M	Harshitha K.M	
33.	Ahana Achar	"	9480950595	250	N	Ahana	Ahana	
34.	Jovita Nisha	"	9663998572	250	N	Jovita	Jovita	
35.	prathiksha Jain	"	7760270700	250	N	Prathiksha	Prathiksha	
36.	priya darchini S.	"	9900852855	250	N	Priya	Priya	
37.	Ashwitha -D.	"	7022222706	250	N	Ashwitha -D.	Ashwitha -D.	
38.	Shubhashini	"	9585423629	250	N	Shubhashini	Shubhashini	
39.	Swathi	"	968652247	250	N	Swathi	Swathi	
40.	AKShatha Jain	"	9611446416	250	N	AKShatha	AKShatha	
41.	Vijitha D'souza	"	9781955731	250	N	Vijitha	Vijitha	
42.	Shivapriya S.	"	9035282819	250	N	Shivapriya	Shivapriya	
43.	prathiksha Jain	"	9731039240	250	N	Prathiksha	Prathiksha	
44.	Shanvitha D	"	9497076812	250	N	Shanvitha	Shanvitha	
45.	Chaitra B.J	"	8105555682	250	N	Chaitra B.J	Chaitra B.J	
46.	Vidyashree R	"	6147477594	250	N	Vidyashree	Vidyashree	

No	Name of the Participant	College/University	Contact number	paid	date V/N	received (20/1/17)	(21/1/17)	received
47	Sunderb Kumar . R.	Ahaig college	9945657022			<i>Sunderb</i>	<i>Sunderb</i>	
48	Vijayakumar	"	8105494619			<i>Vijay</i>	<i>Vijay</i>	
49	Raghunam . G	"	82774453464			<i>Raghunam</i>	<i>Raghunam</i>	
50	Subramany . G . shat	"	8722541225			<i>Sub</i>	<i>Sub</i>	
51	Ashwetha .	"	8105305493			<i>Ashwetha</i>	<i>Ashwetha</i>	
52	Rajesh nobile	"	8722890156			<i>Rajesh</i>	<i>Rajesh</i>	
53	Kanjanath . G .	"	7411968302			<i>Kanjanath</i>	<i>Kanjanath</i>	
54	sumalatha . A .	"	9986097159			<i>sumalatha</i>	<i>sumalatha</i>	
55	naryadas Danival	"	9108238277			<i>naryadas</i>	<i>naryadas</i>	
56	Ashwetha . B . S .	"	8748064551 94284157459			<i>Ashwetha</i>	<i>Ashwetha</i>	
57	Kantharaj . M . B	"	9536103477			<i>Kantharaj</i>	<i>Kantharaj</i>	
58	PURUGADA . S . NDH .	"	9901368841			<i>PURUGADA</i>	<i>PURUGADA</i>	
59	Anukla . D . N .	"	8970994865			<i>Anukla</i>	<i>Anukla</i>	
60								
61								
62								
63								
64								

All certificates are
Received



Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore

CERTIFICATE OF ATTENDANCE

This is to certify that

Mr. / Ms. Dr. Vadiraja Bhatta

has participated as a Resource person in

TWO DAYS WORKSHOP

"APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"

Organized by

Department of Mathematics

Alva's Institute of Engineering & Technology, Mijar

On 20th & 21st January, 2017

Dr. Peter Fernandes

Principal



Alva's Institute of Engineering and Technology

Mijar-574225, Moodbidri, Mangalore

CERTIFICATE OF ATTENDANCE

This is to certify that

Mr. / Ms. Dr Shyam S Kamath

has participated as a Resource person in

TWO DAYS WORKSHOP

"APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"

Organized by

Department of Mathematics

Alva's Institute of Engineering & Technology, Mijar

On 20th & 21st January, 2017

Dr. Peter Fernandes

Principal



Alva's Institute of Engineering and Technology
Mijar-574225, Moodbidri, Mangalore

CERTIFICATE OF ATTENDANCE

This is to certify that

Mr. / Ms. Dr Ganesh Murthy

has participated as a Resource person in

TWO DAYS WORKSHOP

“APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY”

Organized by

Department of Mathematics

Alva's Institute of Engineering & Technology, Mijar

On 20th & 21st January, 2017


Dr. Peter Fernandes

Principal

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Alva's Education Foundation (R))

SHOBHAVANA CAMPUS, MIJAR - 574225, MOODBIDRI
D.K., KARNATAKA



DEPARTMENT OF MATHEMATICS

Certificate

This is to certify that Prof./Dr./Mr./Mrs./Ms.
of has attended the
workshop on

APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY
held on JANUARY 20th & 21st, 2017.




Co-ordinator
(Mr. Vasanth K.R.)


Convenor
(Mrs. Prameela S. Konde)


Principal
(Dr. Peter Fernandes)

Alva's Institute of Engineering and Technology
Shobhavana campus, Mijar, Moodbidri-574225

Department of Engineering Mathematics

Two days workshop on "APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"

Date : 21.01.2017

Venue : MBA Seminar hall & AUTO CAD lab

Feed Back Form

Name of the participant : Shobha P. Teeravandhar.
Institution : SDMIT, Ujire
Opinion : All the sessions are good and I
I ~~MA~~ know about MATLAB how to use it.
Also overall arrangement was good.
Thank you for the conducting workshop.

Date: 21.01.2017


Signature

Alva's Institute of Engineering and Technology

Shobhavana campus, Mijar ,Moodbidri-574225

Department of Engineering Mathematics

Two days workshop on "APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"

Date : 20-01-2017, ~~21~~

Venue : MBA Seminar hall & AUTO CAD lab

Feed Back Form

Name of the participant : B Divya shree pawar

Institution : SDMIT, Ujire

Opinion : ~~Today's~~ All the sessions were good and I got to know about ~~the~~ matlab and how to use it. All the arrangements made were good. Thank you for ^{conducting} the workshop ..

Date: 21-01-2017

Divya
Signature

Alva's Institute of Engineering and Technology

Shobhavana campus, Mijar, Moodbidri-574225

Department of Engineering Mathematics

Two days workshop on "APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY"

Date :

Venue : MBA Seminar hall & AUTO CAD lab

Feed Back Form

Name of the participant : Pojitha. B.K.

Institution : Alvas college moodbidri.

Opinion : It was very good.
Benefits our teaching career &
very good. research pursuing very good
knowledge.
Tq.

Date:

21/1/2017

Pojitha.
Signature


EXPENSES

I.No.	Particulars	Amount
Amount paid by the department		
1.	POSTAL STAMPS	700.00
2.	BANNERS (2No'S)	494.00
3.	FLOWER BOUQUET	416.00
4.	FOOD	16,900.00
5.	STATIONARY ITEMS (PENS, FILES, SCRIBBLING PAD, LASER PEN, MARKER PEN)	3,270.00
6.	PETROL (18/01/2017)	606.24
7.	PETROL (20/01/2017)	600.00
8.	MISCELLANEOUS	525.00
9.	RENUMARATION, TA, DA	8,840.00
	TOTAL	32,351.24
Amount to be paid (Account Pay)		
1.	Printing charges of brochures to madhuban Colourz (250 no's)	3,956.00
2.	Printing charges of certificates to madhuban Colourz (100 no's)	1,583.00
	TOTAL	5,539.00
TOTAL EXPENSES		37,890.24

Balance amount to be refunded:

Amount collected – amount paid = 50,990 – 32,351.24 = Rs. 18,638.76 /-

Date: 23-01-2017


Mr. Vasanth K R
(Coordinator)

Enclosures: Bill attached

23-01-2017

To,


The Principal
AIET, Mijar


Respected Sir,

Subject: Account details of two days workshop on "APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY" held on 20th & 21st of January, 2017, organized by the Department of Mathematics-reg.

AMOUNT COLLECTED

1.	Advance amount taken by college	20,000.00
Registration fees collected from participants by cash		
2.	Faculties (31*500)	15,500.00
3.	In house students (59*250) (M.Sc. students of Alva's)	14,750.00
4.	Out house students (2*300)	600.00
5.	Accommodation fees (2*70)	140.00
	Total	30,990.00
TOTAL AMOUNT COLLECTED		50,990.00/-


(COORDINATOR)


H.O.D.
Dept. Of Mathematics
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Alva's Institute of Engineering and Technology
Mijar, Moodbidri

Detail of the amount collected in view of 2 days workshop on "APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY" organized by department of mathematics on 20th and 21st January 2017.

SL NO	PARTICULARS	AMOUNT
1.	Sanctioned Advance amount	20,000.00 ✓
2.	Amount collected towards the registration fees	30,990.00 ✓
Total		50,990.00

Balance amount = Amount collected – amount paid = 50,990 – 32,351.24 = Rs. 18,638.76 /-

Date: 23-01-2017

Mr. Vasanth K.R
(Coordinator)

Mrs. Prameela S. Konde
H.O.D.

H.O.D.
Dept. Of Mathematics
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 224

*Plw finance office
only 7000
cost to
the foundation*
2/2/17


Alva's Institute of Engineering and Technology
Mijar ,Moodbidri

Expenditure bill of 2 days workshop on "APPLICATION OF MATHEMATICS IN SCIENCE & TECHNOLOGY" organized by department of mathematics on 20th and 21st January 2017

Amount paid by the department			Amount to be paid by college account		
Sl.No.	Particulars	Amount(Rs.)	Sl.No.	Particulars	Amount(Rs.)
1.	Stationary items(Files, Writing pad, ball pen, laser pointer, marker pen, scribbling pad)	3270.00	1.	Printing charges of brochures to madhuban Colourz (2,500 only)	3,956.00
2.	Postal stamp	700.00	2.	Printing charges of certificate to madhuban Colourz (1,000 only)	1,583.00
3.	Honorarium, TA, DA, Paid to the three resource persons	8,840.00			
4.	BANNERS (2No'S)	494.00			
5.	FLOWER BOUQUET	416.00			
6.	FOOD	16,900.00			
7.	PETROL (18/01/2017)	606.24			
8.	PETROL (20/01/2017)	600.00			
9.	MISCELLANEOUS	525.00			
	TOTAL	32,351.24		TOTAL	5,539.00

Date:23-01-2017


Mr Vasanth K.R
(Coordinator)


Mrs. Prameela S. Konde
H.O.D.
Dept. Of Mathematics
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 228

Hybrid Flowers...

Natraraj Complex, Alvas Hospital Road Moodbidri

No: 170

Mob : 9901346625

Date : 21/01/17

To: Alva's Pw. of Technology

Qty	Particulars	Rate	Amount
1	bought	100	100
		Total	100


Signature

Hybrid Flowers...

Natraraj Complex, Alvas Hospital Road Moodbidri

No: 168

Mob : 9901346625

Date : 20/1/17

To:

Qty	Particulars	Rate	Amount
3	bo wqut	100.00	300.00
4	note	4.00	16.00
		Total	316.00


Signature

ALVAS CAFETERIA
VEG
VIDYAGIRI
MOODABIDRI

Nagar.
Maths Dept

CASH/BILL
159 21-01-2017
Q 2.00 @ 20.00
ISAMBAR 40.00
Q 2.00 @ 30.00
SASAMBAR(R) 60.00
Q 100.00 @ 10.00
NDA 1000.00
Q 135.00 @ 10.00
A 1350.00
Q 50.00 @ 10.00
FFEE 500.00
Q 85.00 @ 50.00
CL MEALS 4250.00
Q 40.00 @ 5.00
APATI 200.00
Q 5.00 @ 25.00
ISCUITS 125.00
Q 100.00 @ 8.00
EMIGE. BATH 800.00
UB_TOT 8325.00
.....
CRD 8325.00
ITM= 9 0-510-00
HANK YOU VISIT AGAIN
6 07:26:11 M/C NO 1

ALVAS CAFETERIA
VEG
VIDYAGIRI
MOODABIDRI

16900
Maths Dept
Nagar

CASH/BILL
000082 20-01-2017
Q 5.00 @ 25.00
BISCUITS 125.00
Q 6.00 @ 30.00
IDLY VADA 180.00
Q 6.00 @ 10.00
GODI CAKE 60.00
Q 106.00 @ 10.00
COFFEE 1060.00
Q 100.00 @ 12.00
VADASAMBAR(S) 1200.00
Q 100.00 @ 5.00
SEERA 500.00
Q 100.00 @ 10.00
TEA 1000.00
Q 85.00 @ 50.00
SPCL MEALS 4250.00
Q 2.00 @ 100.00
MINERAL WATER 200.00
SUB_TOT 8575.00
.....
CRD 8575.00
ITM= 9 0-510-00
THANK YOU VISIT AGAIN
C 6 06:54:21 M/C NO 1

TIN: 29500130976
 ATE: 30/09/2017
 PTE: 30/09/2017
 PATE: ADRE 81305A

Phone: 8260777
 Fax: 2994926

SCHOOL BOOK COMPANY
 HANDEKATTA BRANCH
 K.S. ROAD ROAD
 HANBALORE - 575001
 E-Mail: schoolbook_dtl@yahoo.co.in
TAX INVOICE
ORIGINAL

To: **Vasanth. K.R**

CREDIT
 Bill No: BR051185
 Date: 18/01/2017

SNo	Particulars	Qty	Rate	(Basic + VAT @ 12%)	Amount
			(Incl. VAT)		
1	PLASTIC FILES	100.000	20.00	(1746.72 233.28 14.50)	2000.00
2	SCRIBING PAD	100.000	8.00	(736.29 41.71 5.50)	800.00
3	BALL PENS	100.000	3.00	(284.34 15.66 5.50)	300.00
4	LASER POINTER	1.000	130.00	(123.22 6.78 5.50)	130.00
5	MARKER PEN	2.000	20.00	(37.91 2.09 5.50)	40.00
** TOTAL **		303.000			3270.00

Rs. 3270.00 (C Br -)

5.5% SALE Rs: 1203.78 14.5% SALES Rs: 1746.72 EXEMPTED:
 VAT Amount: 65.22 VAT Amount: 233.28 SALES Rs: 0.00
 (Rs. Three Thousand Two Hundred Seventy Only)

E & O E

GOODS ONCE SOLD WILL NOT BE TAKEN BACK
 SERVICING OF ELECTRONIC ITEMS DONE AT THEIR SERVICE CENTRES

Time: 19:28

For SCHOOL BOOK COMPANY

YES BANK

YES BANK
SCHOOL LOCK COMPANY
BANGALORE

DATE : 18/07/2017 TIME : 19:24:16
MID : 000044890092054 TID : 44450717
BATCH NO: 000057 INVOICE NO : 000072

SALE

*****3067

CARD TYPE : VISA

SALE AMT ₹ 3270.00

TOTAL ₹ 3270.00

Application Identifier:

20000000031010

Application Name: Visa Debit

Trx Cert: 38038334281E4100

AUTHCODE : 903265 FRK : 701813541090

WESTERN ROADWAYS MANIPAL
 UNIT OF MTLtd CIN-U45201KA1961PLC001430
 DEALER-BHARAT PETROLEUM CORPORATION Ltd.
 TIN29300092288Ph0820-2575913KST30303102
 5868 18/01/2017 12:57 #00 K.N. 4
 ITEM QTY RATE AMOUNT

PETROL 0% 8 75.78 606.24
 CASH 606.24
 Tax is VAT Tax1-Tax2-14.5% Tax3-5.5%
 THANK YOU VISIT AGAIN

TIN : 29460659359 CASH BILL

Date 20/1/17

Vignesh Enterprises

I.O.C. Dealers, Hiriadka - 576 113.

To

Particulars	Qty.	Rate	Rs.	Ps.
H.S.D.				
MS	7/88			
LUB		76/07	600.	00

No. 0618

Signature


Amount paid to Resource Persons (details)

SL NO.	RESOURCE PERSONS	RENUMARATION	TA, DA	TOTAL
1.	Dr. Shyam S Kamath	2500.00	550.00	3050.00
2.	Dr. Vadiraja Bhatta	2500.00	750.00	3250.00
3.	Dr. Ganesh Murthy	1,000.00	1540.00	2540.00
TOTAL GIVEN TO RESOURCES PERSONS				Rs.8,840.00

Miscellaneous Bill

SL. NO	PARTICULARS	AMOUNT
1.	Flower	100.00
2.	Oil	20.00
3.	Juice	100.00
4.	Auto charges	305
	TOTAL	Rs.525.00

Date: 23-01-2017


Vasanth K R
(Coordinator)

TIN: 29770620437

PAN: AECPA8061P



TAX INVOICE

1st Floor, Veejay Commercial Complex,
Nagarakatte, Moodbidri - 574 227
Tel.: 08258 239773, 9845080292
E-mail: madhuban.colourz@gmail.com

2226

DATE: 26/12/2016

To ALET (Dept. of mathematics, moodbidri)

Sl. No	PARTICULARS	QTY	AMOUNT
	Printing charges of Brochures	250	3750 - 00
	Two days workshop on application of mathematics. c/o Madhusudan.		
		VAT 5.5%	206 - 00
		VAT 14.5%	
		TOTAL	3956 - 00

APC 27/12/16

Rupees Three Thousand nine
hundred, fifty six only

For Madhuban Colourz

SIGNATURE



TAX INVOICE

1st Floor, Veejay Commercial Complex,
Nagarakatte, Moodbidri - 574 227
Tel.: 08258 239773, 9845080292
E-mail: madhuban.colourz@gmail.com

To 2260
ALET, mofal, moodbidri,

DATE: 17/01/2017

Sl. No	PARTICULARS	QTY	AMOUNT
	Printing charges of certificate Department of matkurnati 9880363024	100	1500 - 00
		VAT 5.5%	83 - 00
		VAT 14.5%	
		TOTAL	1583

Rupees One Thousand. five hundred
eighty three only

For Madhuban Colourz

SIGNATURE

Stamps

28.12.16

4 x 100/- 400/-

Stamps for Rs four hundred



Stamps

28.12.16

200/-

Rs hundred only



Stamps

2/01/2017.

4 x 25 = 100/-

Stamps Sale Rs one hundred only



Madhuban
Colours

**1st Floor, Veejay Commercial Complex,
Nagarakatte, Moodbidri - 574 227
Tel.: 08258 239773, 9845080292
E-mail: madhuban.colourz@gmail.com**

DATE: 10/01/2017

A.T. Dept. of Engineering Mathematics

Two Hundred Forty
Covers only.


SIGNATURE



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

A Unit of Alva's Education Foundation (R)

(Affiliated to Visvesvaraya Technological University, Belgaum,

Approved by AICTE, New Delhi & Recognised by Government of Karnataka)

(An ISO 9001:2008 Certified Institute)

Shobhavana Campus, Mijar, Moodbidri-574225, Mangalore, D.K., Karnataka State.

Phone : 08258-262724(O), 262725 (P), Telefax : 08258-262726

Email : principalaiet08@gmail.com, Web: www.aiet.org.in

Department of Mathematics,

Two days workshop on

"APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY"

Report of the workshop :

The department of **Engineering Mathematics** has organized Two days workshop on "Application of Mathematics in Science and Technology " on 20th (Friday) and 21st (Saturday) of January, 2017. Both the sessions of the first day were organized in the Engineering seminar hall and the workshop on the second day was organized at the Autocad lab of the civil department.

Dr. Praveenraj C., Principal, Alva's Homeopathy Medical College, Mijar, was the Chief guest for the inaugural function. One of the resource persons **Dr. Shyam S. Kamath**, Academic Dean **Dr. Basavaraju**, faculties from various other departments were also present.

31 faculties from various colleges, **59** students from Alva's college of PG studies and **02** students from other colleges were registered for the workshop.

Dr. Shyam S. Kamath, Associate Professor, Department of Mathematical and Computational Sciences, National Institute of Technology Karnataka, Surathkal, was the **resource person** for the first session on 20th January, 2017. The topic allotted to him was **"Mathematical Modelling"**.

Dr. Vadiraja Bhatta, Associate Professor, Department of Mathematics, Manipal Institute of Technology, Manipal, was the resource person for the second session on the same day and his topic was **"Cryptography"**.

Dr. Ganesh Murthy, Principal Engineer, Mercedes-Benz Research and Development India pvt. Ltd., Bengaluru, was the resource person on 21st, January, 2017 and his topic was **"Mat lab"**.



All the sessions were good and overall feedback of the participants about the workshop is also good.


H.O.D.

A two day workshop on APPLICATION OF MATHEMATICS IN SCIENCE AND TECHNOLOGY “”has been conducted by the department of *Engineering Mathematics* in Alva's Institute of Engineering and Technology 20th (Friday) and 21st (Saturday) of January, 2017. The workshop was inaugurated by *Dr. Praveenraj C.*, Principal, Alva's Homeopathy Medical College, Mijar and he conveyed how mathematics is applicable in the field.. Academic Dean *Dr. Basavaraju*, Prof Prameela Konde, HOD/ maths department, Resource Person of the workshop *Dr. Shyam S. Kamath* , Deans and HODs of various departments, all staff members and student volunteers were also present during the inauguration function.



ತಂತ್ರಜ್ಞಾನಕ್ಕೆ ಗಣಿತ ಕೂಡುಗೆ

ಆಲ್ಫಾಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಕಾರ್ಯಾಗಾರ

■ ವಿಜಯವಾಣಿ ಸುದ್ದಿಜಾಲ ಮೂಡುಬಿದಿರೆ ಮಿಜಾರು ಆಲ್ಫಾಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ 'ವಿಜ್ಞಾನ-ತಂತ್ರಜ್ಞಾನ ಬೆಳವಣಿಗೆಯಲ್ಲಿ ಗಣಿತಶಾಸ್ತ್ರದ ಉಪಯೋಗಗಳು' ಕಾರ್ಯಾಗಾರವನ್ನು ಆಲ್ಫಾಸ್ ಹೋಮಿಯೋಪಥಿ ಕಾಲೇಜು ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಪ್ರವೀಣ್ ರಾಜ್ ಉದ್ಘಾಟಿಸಿದರು.

ಬಳಿಕ ಮಾತನಾಡಿ, ವೈದ್ಯಕೀಯ, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನದ ಬೆಳವಣಿಗೆಯಲ್ಲಿ ಗಣಿತದ ಕೊಡುಗೆ ಗಮನಾರ್ಹ ಎಂದರು.

ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕಿ ಹಾಗೂ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗ ಮುಖ್ಯಸ್ಥೆ ಪ್ರಮೀಳಾ ಕೊಂಡೆ ಮಾತನಾಡಿದರು. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು ಶೈಕ್ಷಣಿಕ ವಿಭಾಗದ ಡೀನ್ ಡಾ.ಬಸವರಾಜು

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳು ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಎನ್‌ಎಚ್‌ಕೆ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಶ್ಯಾಮ್ ಎಸ್. ಕಾಮತ್, ಮಣಿಪಾಲ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಡಾ.ವಾದಿರಾಜ ಭಟ್, ಬೆಂಗಳೂರಿನ ಇಂಜಿನಿಯರ್ ಡಾ.ಗಣೇಶ್ ಮೂರ್ತಿ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳಾಗಿದ್ದರು.

ಉಪಸ್ಥಿತರಿದ್ದರು. ಉಪನ್ಯಾಸಕಿ ನಿಶಾಕುಮಾರಿ ಸ್ವಾಗತಿಸಿದರು. ಪ್ರೊ. ಕವಿತಾ ಅಡಿಗಳನ್ನು ಪರಿಚಯಿಸಿದರು. ಉಪನ್ಯಾಸಕ ವಸಂತ್ ಕೆ. ಆರ್. ಕಾರ್ಯಕ್ರಮ ನಿರೂಪಿಸಿದರು. ರಾಧಿಕಾ ವಂದಿಸಿದರು.

ಆಲ್ಫಾಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ವಿಜ್ಞಾನ ತಂತ್ರಜ್ಞಾನ ಬೆಳವಣಿಗೆಗೆ ಗಣಿತಶಾಸ್ತ್ರ ಉಪಯೋಗ ಬಗ್ಗೆ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು.



ತಂತ್ರಜ್ಞಾನಕ್ಕೆ ಗಣಿತ ಕೂಡುಗೆ

ಅರ್ಚಿಷ್ಯಾವಾಣಿ Date: 23/01/2017

NE Maths Dept