



Lourdes Matha College of Science & Technology

REGISTRATION FORM
FACULTY DEVELOPMENT PROGRAMME ON
Free and Open Source Software
(FOSS)

Name : _____
 Designation : _____
 Department : _____
 Institution : _____
 Gender : Male / Female
 Date of Birth & Age : _____
 Educational Qualification : _____
 Mobile No. : _____
 Email : _____
 Accommodation Needed : Yes / No
 Host : _____
 Date : _____

Signature

SPONSORSHIP

Mr./Ms./Dr. _____ is an employee of our institution and is hereby sponsored for attending the Faculty Development Programme on Free and Open Source Software from 03/05/2018 to 04/05/2018 at Lourdes Matha College of Science and Technology. He/She will be permitted to attend the course, if selected.

Name : _____
Date : _____

Signature of the Sponsoring authority with seal

ORGANISING COMMITTEE :

Patron :

Prof. F.M. Hormese
Director

Chairman :

Dr. Syam Prakash V.
Principal

Advisory Committee :

Dr. C.G. Sukumaran Nair
Professor,
Department of Computer Science & Engineering

Convener :

Prof. Beshiba Wilson
Head of the Department,
Department of Computer Science & Engineering

Coordinators :

Prof. Sumi Maria Abraham
Assistant Professor (Adhoc)
Department of Computer Science & Engineering

Prof. Preethi W.
Assistant Professor (Adhoc)
Department of Computer Science & Engineering

IEDC Nodal Officer :

Prof. Cibumol B. Babu
Assistant Professor
Department of Electrical & Electronics Engineering

Faculty Development Programme
on

Free and Open Source Software
(FOSS)

03.05.2018 to 04.05.2018

organized by

FOSS Club
Department of Computer Science & Engineering

in association with

Innovation and Entrepreneurship Development Cell
(IEDC)

and

ICFOSS



LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
(Promoted by Lourdes Matha Catholic Educational Society)

*Lourdes Hill, Kuttichal,
Thiruvananthapuram, Kerala - 695 574
Phone : 0472-2653550, 2653682, 2653546
Website : www.lmstas.in

ABOUT THE INSTITUTION

Lourdes Matha College of Science and Technology established in the year 2002, is a premier institution affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The institute offers five undergraduate and five post graduate programmes in Engineering and Technology, including MBA. The institute is ISO 9001:2008 certified for its quality education and has active IEEE, ISTE and CSI chapters.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Department of Computer Science and Engineering was established in the year of 2002. The department imparts quality education in the field of Computer Science, keeping in mind the requirements of the dynamic, innovative and highly global environment of the present era. The department offers M.Tech with specialization in Computer Science and Engineering since 2012.

OBJECTIVES OF THE COURSE :

Free and Open Source Software allow users to run, modify and distribute the programs for free. FOSS provides interesting tools and processes for exploiting software and sharing knowledge efficiently and effectively.

Objectives of the workshop :

Provide an introduction to Linux, a free and open source computer operating system.

- Understand shell programming and application of shell script.
- Familiarize with the platform GitLab for data storage and version control.
- Learn about various build systems used to automate program compilation process.

COURSE CONTENT

The FDP will focus on the following topics:

- Introduction to Linux
- Advanced Linux Commands
- Shell programming
- Version control system setup and usage using GIT
- Text processing using Perl, Awk
- Compiling and installing programs from source

PARTICIPANTS

Faculty members from AICTE approved Engineering colleges.

REGISTRATION FEES

A maximum of 25 participants are permissible on first-come-first-served basis.

The registration fee is Rs. 500/- for faculty.

IMPORTANT DATES

Last date of application : 30-06-2018

Intimation of selection : 01-05-2018

RESOURCE PERSONS

Faculty team consists of experts from Society for Promotion of Alternative Computing and Employment (SPACE)

Mr. Sajana K.
Software Developer
SPACE - Kerala

Ms. Sreetha Gopinath
Software Developer
SPACE - Kerala

ADDRESS FOR COMMUNICATION :

Prof. Sreedhar Anand
Assistant Professor (Adhoc),
Department of CSE,
LMCST,
Ph: +91-934827884
Email: sand.mad@lmcst.ac.in

Prof. Preethi W.
Assistant Professor (Adhoc),
Department of CSE,
LMCST,
Ph: +91-934827885
Email: preethi.w@lmcst.ac.in

VENUE :

Lourdes Matha College of Science & Technology



Department of Computer Science and Engineering

FOSS Club

Faculty Development Programme

on

FREE AND OPEN SOURCE SOFTWARE

Inaugural Function

Date : 03.05.2018

Time: 09.00 am to 09.30 am

Venue: LAB – A, Administrative Block

SCHEDULE:

- 09.00 am : Prayer song
- 09.05 am : Welcome speech
- Prof. Sumi Maria Abraham, FDP Coordinator
- 09.07 am : Felicitation by
-Prof. P. M. Hormese, Director, LMCST
-Dr. V. Syam Prakash, Principal, LMCST
-Prof. Beshiba Wilson, HOD, Dept. of CSE
-Prof. Cibumol B Babu, IEDC Nodal Officer
- 09.20 am : Vote of thanks
- Prof. Preethi W., FDP Coordinator

Department of Computer Science and Engineering

FOSS Club

Faculty Development Programme

on

FREE AND OPEN SOURCE SOFTWARE

SCHEDULE

Venue: LAB – A, Administrative Block

Day 1 (03.05.2018):

09:00 - 10:45 AM	Session-1 : Linux basic operation commands
10:45 - 11:00 AM	Tea Break
11:00 AM - 12:30 PM	Session-2: Continuation of Linux basic commands and commands for printing system configuration
12:30 - 01:15 PM	Lunch Break
01:15 - 02:30 PM	Session-3 : Version control setup and usage using Gitlab account
02:30 - 02:45 PM	Tea Break
02:45 - 03:45 PM	Session-4 : Continuation of version control setup and usage using Gitlab account

Day 2 (04.05.2018):

09:00 - 10:45 AM	Session-1: Perform simple text processing using Perl
10:45 - 11:00 AM	Tea Break
11:00 AM- 12:30 PM	Session-2 : Continuation of Perform simple text processing using Perl
12:30 - 01:15 PM	Lunch Break
01:15 - 02:30 PM	Session-3: Compiling from source : learn about the various build systems
02:30 - 02:45 PM	Tea Break
02:45 - 03:45 PM	Session-4 : Continuation of Compiling from source : learn about the various build systems



Lourdes Matha College of Science and Technology
Kuttichal, Thiruvananthapuram
Department of Computer Science and Engineering
FOSS Club Workshop

Title: Free and Open Source Software

Date: 03.05.2018

Venue: LAB-A (Administrative Block)

Sl No.	Name of Participant	Department	Signature	
			FN	AN
1	Kenneth J.B	CSE	<i>[Signature]</i>	<i>[Signature]</i>
2	ASHITHA.S.S	U	<i>[Signature]</i>	<i>[Signature]</i>
3	Asha AS	U	<i>[Signature]</i>	<i>[Signature]</i>
4	Charvi Joju	U	<i>[Signature]</i>	<i>[Signature]</i>
5	Arshya Jaine	U	<i>[Signature]</i>	<i>[Signature]</i>
6	Nisha O.S	U	<i>[Signature]</i>	<i>[Signature]</i>
7	Divya Christopher	U	<i>[Signature]</i>	<i>[Signature]</i>
8	Chulma A.J	U	<i>[Signature]</i>	<i>[Signature]</i>
9	Nishu P.N	U	<i>[Signature]</i>	<i>[Signature]</i>
10	Geetha C.N	CS	<i>[Signature]</i>	<i>[Signature]</i>
11	Belma Joseph	MCA	<i>[Signature]</i>	<i>[Signature]</i>
12	Anya M.T	MCA	<i>[Signature]</i>	<i>[Signature]</i>
13	Shreya Joseph	MCA	<i>[Signature]</i>	<i>[Signature]</i>
14	Nisha Joseph T	CS	<i>[Signature]</i>	<i>[Signature]</i>
15	Neethu L	CS	<i>[Signature]</i>	<i>[Signature]</i>
16	Saranya Mohan	CS	<i>[Signature]</i>	<i>[Signature]</i>
17	Julia V. John	CS	<i>[Signature]</i>	<i>[Signature]</i>
18	Aparna S.	CS	<i>[Signature]</i>	<i>[Signature]</i>
19	Vaishnavi M.L	CS	<i>[Signature]</i>	<i>[Signature]</i>
20	Aparna Ram p.p.s	CS	<i>[Signature]</i>	<i>[Signature]</i>
21	Nisha Joseph K	CS	<i>[Signature]</i>	<i>[Signature]</i>
22				
23				
24				
25				

[Signature]
 03/05/18
 Coordinators

Faculty - 12
 Non teaching - 4

[Signature]
 HOD



Lourdes Matha College of Science and Technology
Kuttichal, Thiruvananthapuram
Department of Computer Science and Engineering
FOSS Club Workshop

Title: Free and Open Source Software

Date: 04.05.2018

Venue: LAB-A (Administrative Block)

SI No.	Name of Participant	Department	Signature	
			FN	AN
1	Chithra A.S	CSE	<i>[Signature]</i>	<i>[Signature]</i>
2	Renetha J.B	CSE	<i>[Signature]</i>	<i>[Signature]</i>
3	Ambily Jace	CSE	<i>[Signature]</i>	<i>[Signature]</i>
4	Nisha O.S.	C.S.E	<i>[Signature]</i>	<i>[Signature]</i>
5	ASHITHA.S.S	CSE	<i>[Signature]</i>	<i>[Signature]</i>
6	Divya Christophora	CSE	<i>[Signature]</i>	<i>[Signature]</i>
7	Asha.AS	CSE	<i>[Signature]</i>	<i>[Signature]</i>
8	Cherukij Jozy	CSE	<i>[Signature]</i>	<i>[Signature]</i>
9	Nishane.PN	CSE	<i>[Signature]</i>	<i>[Signature]</i>
10	Gourilekutty.C.N	CSE	<i>[Signature]</i>	<i>[Signature]</i>
11	Nisha Joseph	CSE	<i>[Signature]</i>	<i>[Signature]</i>
12	Neethuk	CSE	<i>[Signature]</i>	<i>[Signature]</i>
13	Anjana.J	MCA	<i>[Signature]</i>	<i>[Signature]</i>
14	Aparna.S	CSE	<i>[Signature]</i>	<i>[Signature]</i>
15	Julia V. John	CSE	<i>[Signature]</i>	<i>[Signature]</i>
16	Saranyaamohan.A.M	CSE	<i>[Signature]</i>	<i>[Signature]</i>
17	Vaishnavi.M.L	CSE	<i>[Signature]</i>	<i>[Signature]</i>
18	Shreya Joseph	MCA	<i>[Signature]</i>	<i>[Signature]</i>
19	Selma Joseph	MCA	<i>[Signature]</i>	<i>[Signature]</i>
20	Anjana Thampy	CSE	<i>[Signature]</i>	<i>[Signature]</i>
21				
22				
23				
24				
25				

Coordinators

[Signature]
04/05/18

[Signature]
HOD



LMCST

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(Approved by AICTE and Affiliated to the University of Kerala)

An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853550

2853682

2853546

Fax : 0472 - 2853846

Ref No:.....

Date: 27/11/17.....

RECEIPT

We have received a sum of Rs.20,000/- (Twenty Thousand Only) towards Sponsorship fee from ICFOSS via NEFT on 21/11/2017 to our A/C No 403002010012804, Union Bank, Kuttichal Branch.



Principal
PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourdes Hills, Kuttichal P.O.
Trivandrum - 695 574



LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

LOURDES HILLS, KUTTICAL, THIRUVANANTHAPURAM- 695574. PH: 2853546

CASH / BANK VOUCHER

No

Date 04.05.18

Head of Account.....

Pay to Mr./Mrs./Ms. Sachin Ganesan, Software Developer, SPACE-treads

the sum of Rs. 3000/- (Rupees Three thousand only

.....) by CASH / CHEQUE No.....

dated..... drawn on.....

towards Foss club Workshop

Prepared by Sumi Maria Abraham Sumi

Approved by [Signature]

Director

Secretary

Signature

[Signature]

Treasurer

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

LOURDES HILLS, KUTTICAL, THIRUVANANTHAPURAM- 695574. PH: 2853546

CASH / BANK VOUCHER

No Date 03.05.2018

Head of Account.....

Pay to Mr./Mrs./Ms. Sajadas. K.


the sum of Rs. 3000/- (Rupees Three thousand only

.....) by CASH / CHEQUE No.....

dated..... drawn on.....

towards Foss club Workshop

Prepared by Preeti H. and Sumi Mada Abraham

Signature 

Approved by [Signature]

Director [Signature]

Secretary

Treasurer

THIRUVATHIRA OFFSET PRESS

MYLAKKARA, MYLAKKARA P. O. KALLIKKADU, TVM 695572

TIN 32AUCPA1083B1ZM

Mob : 9446705056

INVOICE No

31

TAX INVOICE (B2C)

Date... 01.05.18

Name.....

Coorales Matha College

SI No	Commodity	Size	Qty	Rate of Tax	Net Value	
1.	Cardboard file (With Printing)	A4	30	12%	690	-
2.	Note pad (16 pages)	A5	30	12%	240	-
3.	Pen (Lancer)	-	30	12%	240	-
Total Invoice Amount in words: <i>Rupees</i> <i>One thousand three hundred & less only</i>				Total Amount Before Tax	1170	-
Bank Details : Indian Bank Kattakada Branch Bank A/c No. : 6551614501 IFSC CODE : IDIB000K254				Add : CGST	70	20
				Add : SGST	70	20
				Round off	-	40
				TOTAL AMOUNT	1310/-	-

Certified that the particulars given above are true and correct
Terms and Conditions

(Common seal)

Authorised Signatory

E&OE



LOURDES MATHIA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Participation

This is to certify that **Ms./Mrs. CHRISTY JOSE**

Lourdes Matha College of Science and Technology has participated in the Faculty Development Programme on **FREE & OPEN SOURCE SOFTWARE** organized by FOSS Club, Department of Computer Science and Engineering in association with IEDC and ICFOSS held at Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram on 3rd and 4th May, 2018.



Prof. Sumi Maria Abraham / Prof. Preethi W.



Prof. Beshiba Wilson



Dr. V. Syam Prasad

Principal

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Appreciation

This is to certify that Ms. SUMI MARIA ABRANAM of

Lourdes Matha College of Science and Technology has co-ordinated the Faculty Development Programme on FREE & OPEN SOURCE SOFTWARE organized by FOSS Club, Department of Computer Science and Engineering in association with IEDC and ICFOSS held at Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram on 3rd and 4th May, 2018.


Prof. Beshiba Wilson
Convenor


Dr. V. Syam Prakash
Principal



Lourdes Matha College of Science and
Technology
Kuttichal, Thiruvananthapuram

Form No:
R/PP-01/04/00

Title: Training Records

Training Record (Faculty)

Title of Training program : Workshop on Free and Open Source Software
Faculty : Ms. Sajana S. K, software Developer, SPACE Kerala
Conducted on : 03.05.2018

Sl No.	Name of Participant	Department	Signature
1	Reneetha J.B	CSE	[Signature]
2	Ashitha S.S	"	[Signature]
3	Asha AS	"	[Signature]
4	Christy Joy	"	[Signature]
5	Ambily Jane	"	[Signature]
6	Nisha O.S	"	[Signature]
7	Divya christopher	"	[Signature]
8	chithra A.S	"	[Signature]
9	Vishnu P.N	"	[Signature]
10	Govil C.N	"	[Signature]
11	Selma Joseph	MCA	[Signature]
12	Anjana J	"	[Signature]
13	Sheena Joseph	"	[Signature]
14	Nisha Joseph	CBE	[Signature]
15	Neetha L	CSE	[Signature]
16	Saranya Mohan	"	[Signature]
17	Julia V. John	"	[Signature]
18	aparna S	"	[Signature]
19	Vandana M.I	"	[Signature]
20	Anjana thampy	"	[Signature]
21	[Blank]		

Date: 03.05.2018

[Signature]
Signature of Faculty



Lourdes Matha College of Science and
Technology
Kuttichal, Thiruvananthapuram

Form No:
R/PP-01/04/00

Title: Training Records

Training Record (Faculty)
Title of Training program : Free and Open Source software (Workshop)
Faculty : Mr. Sachin Graceous
Conducted on : 04.05.2018

Sl No.	Name of Participant	Department	Signature
1.	Renatha. J.B	CSE	[Signature]
2.	Ashitha. S.S	"	[Signature]
3.	Asha. A.S	"	[Signature]
4.	Christy Joy	"	[Signature]
5.	Ambily Jane	"	[Signature]
6.	Nisha. O.S	"	[Signature]
7.	Divya Christopher	"	[Signature]
8.	Chathran. A.S	"	[Signature]
9.	Vishnu. P.N	"	[Signature]
10.	Gouse. C.N	"	[Signature]
11.	Selma Joseph	MCA	[Signature]
12.	Anjana. J	"	[Signature]
13.	Sherin Joseph	"	[Signature]
14.	Nisha. Joseph	CSE	[Signature]
-15.	Neethu. L	"	[Signature]
16.	Saranya Mohan	"	[Signature]
17.	Julia. V. John	"	[Signature]
18.	Aparna. S	"	[Signature]
19.	Vasanthi. M.L	"	[Signature]
20.	Anjana thampy	"	[Signature]

Date: 04-05-2018

Signature of Faculty

[Signature]



**Lourdes Matha College of Science and
Technology**
Kuttichal, Thiruvananthapuram

Form No:
R/PP-01/05/00

Title: Training Feed Back Form

Name of the participant: Renetha J.B Date 3.5.18 to 4.5.18
Title of Training Program: FDP on Foss Faculty Sajarakk, Sachin Gracious
Course Effectiveness

Sl No	Topic	Ranking(scale 1 to 5)				
		1	2	3	4	5
1.	The course content covered the objective of the program					✓
2.	The course content was comprehensive(Covered all topics)					✓
3.	The program was well structured (topics followed a chronological order)					✓
4.	The program was informative					✓
5.	The program is relevant to my job					✓

Faculty Effectiveness

Sl No	Topic	1	2	3	4	5
1	The faculty explained the concepts involved effectively					✓
2	The faculty continuously evoked good participation from the group					✓
3	The faculty was able to answer my queries					✓
4	The faculty was receptive to new ideas given by the group					✓
5	The information given by faculty is correct					✓
6	The faculty was able to manage time and cover everything					✓

Other Factors/Feed Back From Faculty

Sl No	Topic	1	2	3	4	5

Rating by participant (Total Avg) : 5

Evaluation by the head of the Department:	Review Date:

Note: Training is effective if average rating exceeds 3



**Lourdes Matha College of Science and
Technology
Kuttichal, Thiruvananthapuram**

Form No:
R/PP-01/05/00

Title: Training Feed Back Form

Name of the participant: <i>Chithra A-S</i>	Date: <i>3/5/18, 4/5/18</i>
Title of Training Program: <i>FDP on FOSS</i>	Faculty: <i>Sajirask, Sachin (space)</i>
Course Effectiveness	

Sl No	Topic	Ranking (scale 1 to 5)				
		1	2	3	4	5
1.	The course content covered the objective of the program					✓
2.	The course content was comprehensive (Covered all topics)					✓
3.	The program was well structured (topics followed a chronological order)					✓
4.	The program was informative					✓
5.	The program is relevant to my job					✓

Faculty Effectiveness

Sl No	Topic	1	2	3	4	5
1	The faculty explained the concepts involved effectively					✓
2	The faculty continuously evoked good participation from the group					✓
3	The faculty was able to answer my queries					✓
4	The faculty was receptive to new ideas given by the group					✓
5	The information given by faculty is correct					✓
6	The faculty was able to manage time and cover everything					✓

Other Factors/Feed Back From Faculty

Sl No	Topic	1	2	3	4	5

Rating by participant (Total Avg): 5

Evaluation by the head of the Department:	Review Date:

Note: Training is effective if average rating exceeds 3

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Participation

This is to certify that Mr./Ms. GOURIKUTTY C.N of

Lourdes Matha College of Science and Technology has participated in the Workshop on FREE & OPEN SOURCE SOFTWARE organized by FOSS Club, Department of Computer Science and Engineering in association with IEDC and ICFOSS held at Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram on 3rd and 4th May, 2018.



Prof. Sumi Maria Abraham / Prof. Preethi W.

Coordinators



Prof. Beshiba Wilson

Convener



Dr. V. Syam Prakash

Principal

The FOSS Club of department of CSE organized a two day faculty development programme on "Free and Open Source Software" from 3rd to 4th May in association with IEDC and sponsored by ICFOSS at LMCST.







LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574. www.lmest.ac.in

Celebrates

NATIONAL TECHNOLOGY DAY

sponsored by



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT

on 11th and 14th May, 2018

Seminar on

“Recent Trends in Technology”

Dr. Achuthsankar S. Nair

Head, Dept. of Computational Biology & Bioinformatics,
Kerala University

“Space Technology”

Ms. Annie Philip

Group Director, Quality Management and Productization Group,
VSSC

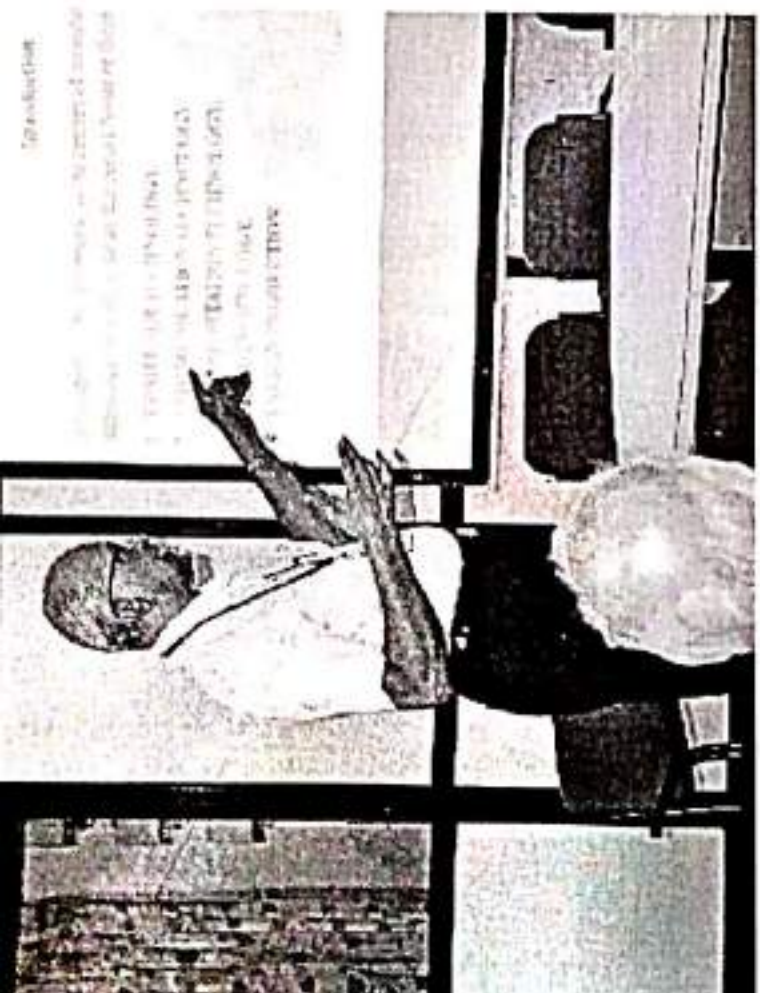
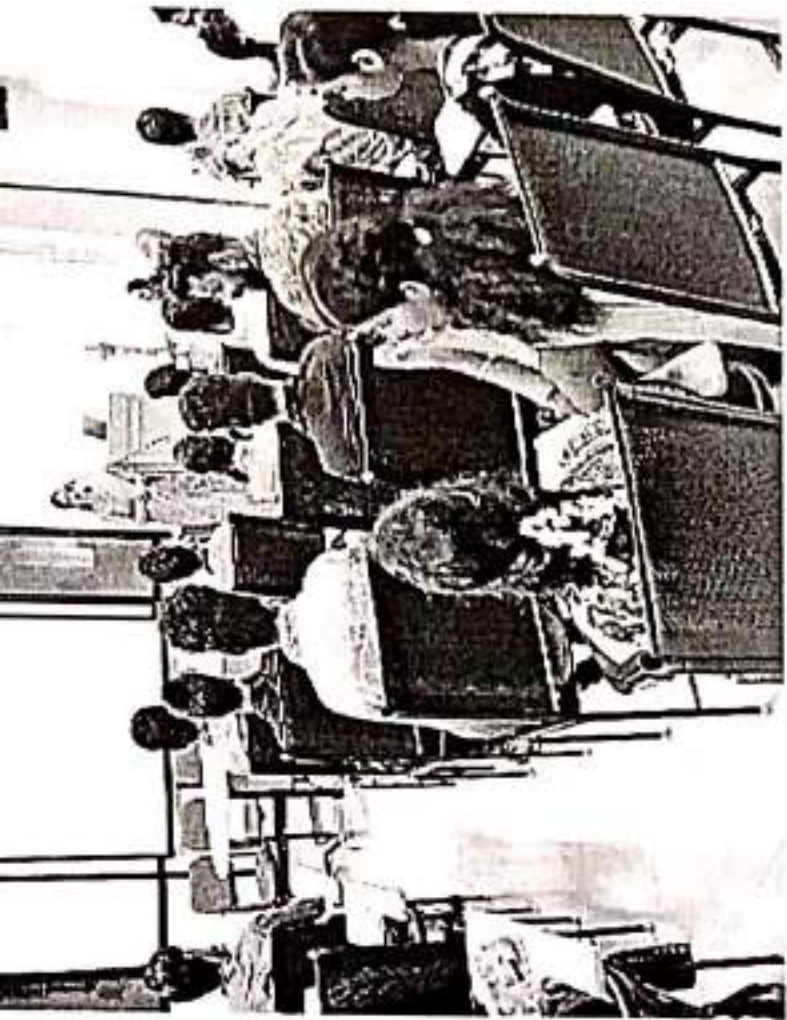
For more details contact : Prof. Anjana Thangy S., CSE Department, Phone : +91-9448176715

NATIONAL TECHNOLOGY DAY 2018 CELEBRATIONS

The National Technology day 2018 celebrations was sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) and the function was inaugurated by Ms. Annie Philip, Group Director, Quality Management and Productionization Group, VSSC on 11.05.18 at LMCST. Ms. Annie Philip delivered a seminar on "Space Technology". Dr. Achuthsankar S. Nair, Head, Dept. of Computational Biology and Bioinformatics, Kerala University delivered a talk on "Recent trends in Technology". A visit to FAB lab was arranged on 14.05.18 in connection with National Technology day celebrations.









Kerala State Council for Science, Technology and Environment

G.H-2 NTD 1

Binuja Thomas M. Tech
Senior Scientist

No. C-14/NTD/2018/KSCSTE

20.04.2018

Sir,

Sub: - KSCSTE – National Technology Day Celebrations 2018- reg.

Ref:- Minutes of the meeting of Expert Committee held on 18.04.2018

With reference to your proposal on the above subject, I am happy to inform that KSCSTE has approved your proposal to organize National Technology Day Celebrations 2018 jointly with Council. It is decided to offer an amount of Rs. 15,000/- towards financial assistance for the programme, subject to the following conditions.

1. Programme Brochure/ schedule should be sent to KSCSTE well in advance.
2. Eminent speakers/ experts may be invited to handle the sessions organized in connection with the programme.
3. Although 11th May 2018 is observed as National Technology Day, the activities may be organized on a mutually convenient date during 7th - 15th May 2018. However, the activities organized after 15th May 2018 will not be considered for financial assistance.
4. Each programme should be documented. Detailed Report of the various activities organized in connection with NTD - 2018 along with captioned photographs should be submitted to KSCSTE.
5. KSCSTE should be duly acknowledged in the programme and it should be written in all the brochures, banners, publicity materials, etc. '*Sponsored by Kerala State Council for Science, Technology and Environment*'.
6. The financial assistance from KSCSTE may be utilized to cover the expenditure on organizing expenses, publicity materials, travel expenses, honoraria for resource persons and refreshment. Utilization of the grant for any other purpose other than the approved heads shall not be entertained. Additional expenses if any, may be met from other sources.
8. Head of the Institution should forward audited Statement of Expenditure and Utilization Certificate in the prescribed format, within three months after the conduct of the programme.
 - In the case of Govt. Departments/Autonomous institutions under the Government and Universities, audited SE and UC of the Financial Head counter signed by the Head of the Institution is acceptable.
 - In the case of affiliated colleges/ institutions, the audited SE and UC signed by the registered Chartered Accountant, counter signed by the Head of the Institution is essential.
9. The financial assistance will be disbursed to the Head of the Institution, subject to submission of satisfactory Report and audited financial statements. However, KSCSTE may demand for the original bills and vouchers for verification at random.
10. The required documents mentioned above should reach this office as early as possible after the conduct of the programme. However, the documents received after 30th August 2018 will not be entertained for release of payment and such request will be summarily rejected.

Kindly refer the File No. in all future correspondence.

With regards,

Yours faithfully,

Binuja Thomas

Dr. Syam Prakash

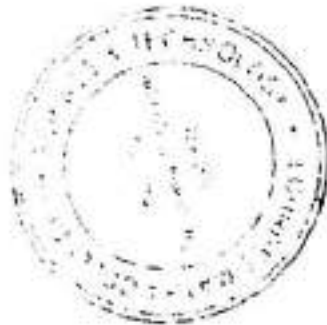
Principal, Lourdes Matha College of Science and Technology, Lourdes Hills, Kuttichal, Thiruvananthapuram


Copy to Prof. Anjana Thampi, Lourdes Matha College of Science and Technology, Lourdes Hills, Kuttichal, Thiruvananthapuram

UTILIZATION CERTIFICATE

Certified that out of Rs. 15,000/- sanctioned by Kerala State Council for Science, Technology and Environment vide Council Order No.C-14/NTD/2018/KSCSTE dated 20.04.2018, towards financial assistance for the conduct of National Technology Day Celebrations 2018, an amount of Rs.15,254/- was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. Nil at the close of National Technology Day Celebrations 2018 shown in the Statement of Expenditure annexed.


Name & Signature
of Programme Convenor




Name & Signature
of Head of the Institution

PRINCIPAL
LOURDESSA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O,
Thiruvananthapuram Dist. 695 574

For THARIEN & DYPE
Chartered Accountants
FRN 0031065

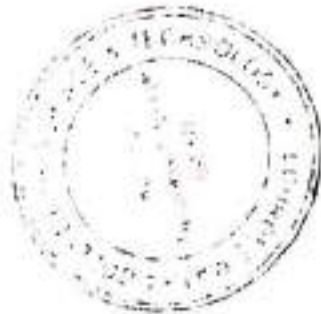
CA. JAYAKRISHNAN
Partner (No. 024/112)
of Chartered Accountant **

Office Seal with date

UTILIZATION CERTIFICATE

Certified that out of Rs. 15,000/- sanctioned by Kerala State Council for Science, Technology and Environment vide Council Order No. C-14/NTD/2018/KSCSTE dated 20.04.2018, towards financial assistance for the conduct of National Technology Day Celebrations 2018, an amount of Rs.15,254/- was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. Nil at the close of National Technology Day Celebrations 2018 shown in the Statement of Expenditure annexed.


Name & Signature
of Programme Convenor




Name & Signature
of Head of the Institution

PRINCIPAL
LOURDE MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.,
Thiruvananthapuram Dist. 695 574

For THARIEN & IYPE
Chartered Accountants
FRN 004666

CA. JAYARAJ SINGH
Partner
of Chartered Accountant **

Office Seal with date

** Aided Colleges/ Un-Aided Colleges/ Self financing Colleges/ Autonomous Institutions/NGOs

Statement of Expenditure

Programme: National Technology Day Celebrations 2018

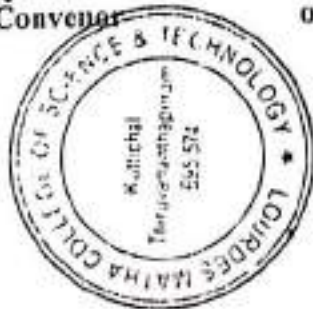
Date: 11.05.2018 & 14.05.2018 **Venue:** Conference Hall, LMCS T

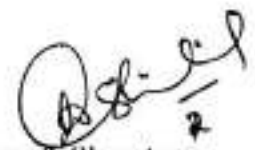
Organized by: Lourdes Matha College of Science and Technology, Kuttichal

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
1. Amount sanctioned from KSCSTE (to be receivable)	15,000/-	1. Honoraria for Resource Persons	5800/-
2. Other funding agencies	Nil	2. Publicity Materials	900/-
		3. Organizing Expenses	2774/-
		4. TA for Resource Persons	2580/-
		5. Refreshment	3200/-
Total	15,000/-	Total	15254/-

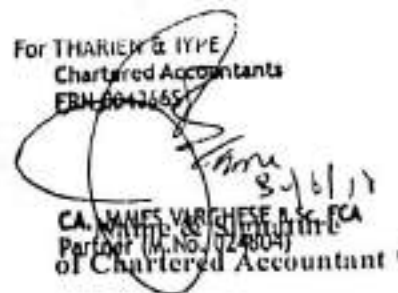
Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSCSTE vide Council Order No. C-14/NTD/2018/KSCSTE, dated 20.04.2018.


Agnes Rampy
 Name & Signature
 of Programme Convener




 Name & Signature
 of Head of the Institution
 for
PRINCIPAL
 LOURDES MATHA COLLEGE OF
 SCIENCE & TECHNOLOGY
 Lourde Hills, Kuttichal P.O.,
 Kuttichal, Kollam District, PIN - 695 574

For THARIEN & IYPE
 Chartered Accountants
 FBN 6043655


 CA. VINEY VARGHESE B.Sc. FCA
 Partner (M.No. 024804)
 of Chartered Accountant **

** Aided Colleges/ Un-Aided Colleges/ Self financing Colleges/ Autonomous Institutions/NGOs

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

LOURDES HILLS, KUTTICAL, THIRUVANANTHAPURAM- 695574. PH: 2853546

CASH / BANK VOUCHER

No Date... 11/5/18

Head of Account.....

Pay to Mr./Mrs./Ms. Dr. Achuth Sankar S. Nair

the sum of Rs. 5000/- (Rupees Five thousand only)

.....) by CASH / CHEQUE No.....

dated..... drawn on.....

towards honorarium for National Technology day - Seminar.

Prepared by

Approved by

Director

Secretary

Signature

Treasurer



NATIONAL CONFERENCE
ON
TECHNOLOGY INNOVATION IN
MECHATRONICS, ENERGY MANAGEMENT
&
INTELLIGENT COMMUNICATION -2017

'NCTIMEMIC - 17'

April 6th - 7th, 2017



LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY

(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kuttichal,
Thiruvananthapuram, Kerala - 695 574
Phone : 0472-2853550, 2853682, 2853546
E-mail : nctimeic@lmest.ac.in
Website : www.lmest.ac.in

In association with



Kerala State Council for Science,
Technology and Environment



All India Council for Technical Education

About the College

Lourdes Matha College of Science and Technology established by the "Lourdes Matha Catholic Educational Society", is approved by All India Council for Technical Education (AICTE) and affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The College has a spacious campus of 25 acres at Kuttichal, a rustic village in the outskirts of Thiruvananthapuram city, hardly 24 kms away from it. The vision of the Lourdes Matha Educational Society is to establish a "Centre of Excellence" in the field of Engineering and Technology to mould world class professionals.

Objective of Conference

Mechatronics is a synergistic combination of precision engineering, electronic control and mechanic systems. It is an inter disciplinary field of science and technology, dealing with general problems of mechanics, electronics and informatics. It plays a key role in the development of tomorrow's products by being at the forefront of cutting-edge designs.

Call for Papers

Original contributions on Technology Innovation In Mechatronics, Energy Management & Intelligent Communication are invited from researchers, academicians, students and industry experts in the following topics, but not restricted to :

- Aerospace Package
- Mechanical Engineering Design
- CAD/CAM Mechatronics Package
- Finite Element Analysis of Structure
- Networks and Data Security
- MEMS
- Image Processing and Biometrics
- Power Grid Management
- Instrumentation & Biomedical Engg
- Artificial Intelligence
- New Energy Systems
- Robotics
- Mechatronics
- Power Systems
- Signal Processing
- Embedded Systems
- Control Systems
- Communication Electronics

Important Dates

Last date of submission of full paper	: 15/03/2017
Acceptance Notification	: 22/03/2017
Camera ready paper	: 26/03/2017

Submission Guidelines

The original paper should be typed in MS Word with IEEE format (Maximum 3 authors per paper). Registration fee should be paid along with paper submission. The papers will be accepted subject to peer review and the changes should be incorporated as per the feedback. All the papers must be sent to the following email:

nctimeic@lmct.ac.in

Awards will be presented to the authors of Best Papers.

Journal Publication

All Papers selected (Review & Plagiarism Check) by conference chairperson/reviewers will be published in

1. Proceedings of National conference on Technology Innovation in Mechatronics, Energy Management & Intelligent Communication -2017.
2. International journal of advanced scientific technologies, engineering and management sciences.

Cited in : Researcherid (Thomson Reuters), Crossref, Mendeley, J-Gate, Citeseer, Google Scholar, ICI.

Participants interested to publish in SCOPUS indexed journals should make special request towards the following Journals:

1. International Journal of Mechanical Engineering & Technology
Cited in : SCOPUS, Google Scholar, Publicationslist.org, Mendeley, ResearchGATE, J-Gate etc.
2. Indian Journal of Science & Technology
Cited in : Chemical Abstracts Services (CAS), Indian Science. in, Research Bible, DOAJ, Ulrich's Periodical Directory, EBSCO Publishing's Electronic Databases, Thomson Reuters, Web of Science, UGC.

Invited Talks

There will be a few invited talks/presentations on advanced topics by eminent experts and practising professionals during the conference.

Chief Patron	: Mar Joseph Perumthotam (President, LMCES)
Patrons	: Rev. Dr. Mani Puthiyidom (President, LMCES)
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	: Mr. Philip John (Secretary, LMCES)
	: Mr. Sebastian N. A. (Joint Secretary, LMCES)
	: Mr. Philip C.T. (Treasurer, LMCES)
Conference General Chair	: Prof. P.M. Hormese (Director, LMCST)
Conference Organizing Chair	: Dr. Syam Prakash V. (Principal, LMCST)
Convener Organizing Committee	: Shri. Ignatious C.A. (Advisor R&D, LMCST & Former Deputy Director, Systems Reliability, VSSC)
Conference Secretary	: Prof. Sabarinath A. R. (HOD, ME, LMCST)
	: Prof. Ram Prasad Tripathy (HOD, ECE, LMCST)

Registration Fee

- Participation : Rs. 1,000
- Students / Research Scholars with paper : Rs. 2,000
- Academicians / Delegates from Industries : Rs. 3,000

At least one of the authors should register for the paper to appear in the proceedings.

The Registration fee should be paid either by demand draft in favour of "*The Principal*", *Lourdes Matha College of Science and Technology*, payable at Thiruvananthapuram or through online transfer.

Account Number	: 1021 5500 0923 19
Account Holder's Name	: Lourdes Matha Catholic Education Society
IFSC Code	: FDRL0001021
Bank and Branch	: Federal Bank, Palayam
The Remitter should enclose a remark - "Fee to NCTIMEMIC -17" for online transactions	

Registration Form - NCTIMEIC
NATIONAL CONFERENCE ON TECHNOLOGY
INNOVATION IN
MECHATRONICS, ENERGY MANAGEMENT &
INTELLIGENT COMMUNICATION

April 6,7 - 2017

Name : Mr/Ms

Designation :

Institution :

Address :

Contact No :

Email :

Accommodation Required : Yes / No

(Can be arranged subject to availability)

Payment Details:

DD NO : **Date** :

Name of the Bank :

Title of the Paper :

Authors :

Signature of the applicant

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CET Campus, Kerala)

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University, Kumaracoil)

Dr. R. Sri Siva
(Professor & HOD, Dept. of Mechanical Engineering, St. Thomas College of
Engineering and Technology,Chenganoor, Kerala)

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(Former EMC member, Professor, Department of Mechanical Engineering,
Sarabhai Institute of Science and Technology, Thiruvananthapuram, Kerala).

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(Associate Professor, Dept. of Electronics & Communication Engineering,
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Dr. Binu.K.Mathew
(Associate Professor,Dept. of Electronics & Communication Engineering,
Saintgits College of Engineering, Pathamuttom)

Dr. Ansal K.A.
(Associate Professor,Dept. of Electronics & Communication Engineering,
Saintgits College of Engineering, Pathamuttom)

Dr. Bavanish B..
(Assistant Professor,Dept. of Mechanical Engineering, Noorul Islam
University, Kumaracoil)

Conference Convenors

Dr. Dinakar Das C. N.,
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Department of ECE,
Mobile : 9945840080

Mr. Jayaram V.
Assistant Professor,
Department of ME
Mobile : 9809816191



Kerala State Council for Science, Technology and Environment

Binuja Thomas M. Tech
Senior Scientist

No. SSW/333/2016/KSCSTE

14.02.2017

Madam,

Sub- KSCSTE – Scheme for promoting S&T Seminar/ Symposium/ Workshop – reg

- Ref:** i) Your proposal entitled 'National Conference on Technology innovation in Mechatronics, Energy Management & Intelligent Communication - 2017' dt: 16.01.2017
ii) Minutes of the meeting of SSW Committee, held on 06.02.2017

This is to invite your attention to the reference cited above and inform that KSCSTE is pleased to co-sponsor the two day National Conference by extending financial assistance of Rs. 50,000/- subject to fulfilling the norms

1. Programme Brochure/ Invitation should be sent to KSCSTE well in advance
2. The organizers should ensure that the conditions stipulated as per the KSCSTE guidelines are fulfilled
3. As per the guidelines, at least 10% of the delegates and Resource persons shall be from outside the State in the case of National Programme. If this condition is not satisfied, the Programme will be treated as appropriate / and the co-sponsorship amount shall be as per rules
4. The financial assistance may be utilized exclusively to cover the expenditure on Course materials, Publication of proceedings, Honoraria and TA for Resource Persons. TA shall not exceed 25% of co-sponsorship from KSCSTE. Utilization of the grant for any other purpose other than the approved heads shall not be entertained
5. The financial assistance from the Council shall be in the nature of co-sponsorship, and hence KSCSTE should be properly acknowledged as either 'Jointly organized by KSCSTE' or 'Co-sponsored by KSCSTE' in all the brochures, banners, proceedings, etc. brought out in connection with the Symposium
6. The Souvenir/ Proceedings brought out in connection with the National Symposium should essentially include one page advertisement about KSCSTE and the matter for advertisement shall be made available on request
7. Change of venue or dates of the programme, if any, shall be reported to the undersigned promptly
8. This offer letter is valid for 5 months from this date. In case it fails to organize the programme within the stipulated timeframe, the Programme, the offer letter and all administrative stands cancelled
9. The following documents will be required for the submission of the following documents with the above mentioned programme and expenditure details:
 - a) Audited Utilization Certificate (UC) and Statement of Expenditure (SE) in the format enclosed herewith. In the case of affiliated Colleges and NGOs, the audited SE & UC signed by a registered Chartered Accountant, countersigned by the Head of the Institution only will be accepted.
 - b) List of participants – details of both delegates and resource persons- duly certified by the Organizing Secretary/ Head of the Institution
 - c) Brief report including photographs, press clippings etc. along with a note on specific recommendations of the programme and also the schedule of each session
 - d) Souvenir/ Proceedings including one page advertisement about KSCSTE brought out in connection with the programme.
 - e) Programme Brochure/ Notice and related publicity materials with due acknowledgment to KSCSTE
10. The above documents may be submitted **within two months** after the conduct of the Programme
Please quote the above File No. in all your subsequent correspondences in this regard.

Thanking you,

Yours sincerely,

Binuja Thomas

Dr. Dinakardas
Associate Professor
Department of Electronics and Communication,
Lourdus Matha College of Science and Technology, Kuttichal, Trivandrum – 695 574

List of Participants for Conference meeting held on 17/febr/2017

Name	Dept.	Sign.
1) Jansel C. Pulou	ME	<u>JCP</u>
2) John Joe.	EC	<u>John Joe</u>
3) Akhils Augustine	ME	<u>Akhils</u>
4) A D ARSH. S. J.	M.E	<u>ADARSH</u>
5) Binu Chacao	EC	<u>Binu</u>
6) Sigen Krishnan. R	ME	<u>Sigen</u>
7) Sammit's	M.E	<u>Sammit</u>
8. Indu. R	M.E.	<u>Indu</u>
9. Anju Mary Thomas	EC	<u>Anju</u>
10 John Philip	ME	<u>John</u>
11 Shammy Aruns Mathu	EC	<u>Shammy</u>
12 Greeji. h. m. G	EC	<u>Greeji</u>
13. Anubly Jane.	CS	<u>Anubly</u>
14. Soorya. S.A	EC	<u>Soorya</u>
15. Nisha - George	EC	<u>Nisha</u>
16 Krishna Prasanth. K	ME	<u>Krishna</u>
17 Resmi V. Prasad	ME	<u>Resmi</u>
18. Rohini G.P	EE	<u>Rohini</u>
19 Veera. V. U	EC	<u>Veera</u>
20 Gourmya. V.S.	EC	<u>Gourmya</u>
21. Debarati Ganguly	EC	<u>Debarati</u>
22 Bindu MV	ME	<u>Bindu</u>
23. Ram prasad	EE	<u>Ram</u>
24 BCC Sakunteswararao	CSE	<u>BCC</u>

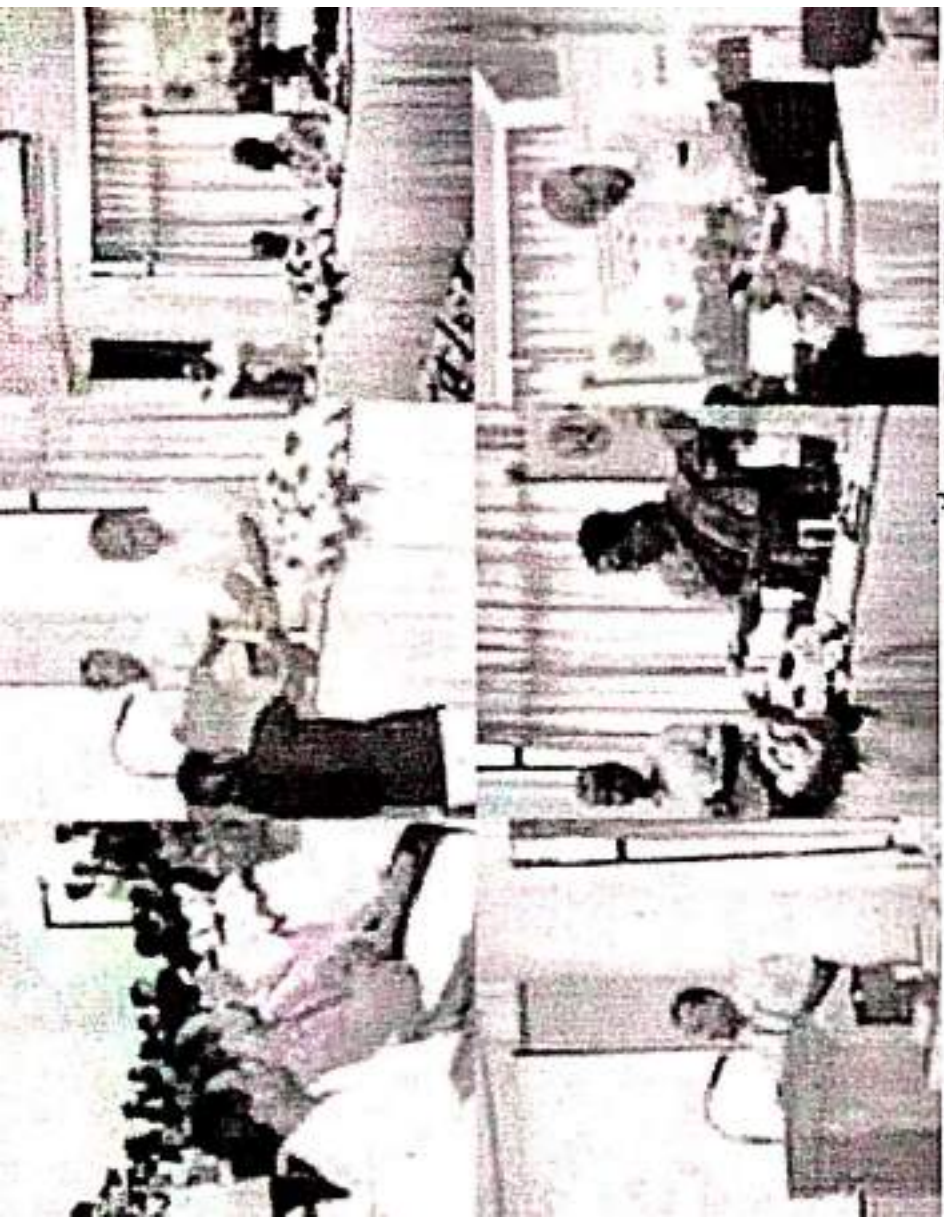
	<u>Name</u>	<u>Dept</u>	<u>Signature</u>
25	Ignatious	Life.	<u>at</u>
26	Dhanasekharan CN	ECE	<u>[Signature]</u>
27	Jayarajam V	ME	<u>[Signature]</u>

[Signature]
17.2

National Conference on Technology Innovation in Mechatronics, Energy Management & Intelligent Communication (NCTIMEMIC'17) a two day National conference on Mechatronics, Energy Management & Intelligent Communication has been th concluded Successfully at LMCST on 7 April 2017. The multidisciplinary conference has facilitated the exchange of ideas in Mechatronics over every broad aspect of Engineering and Technology. The Conference was inaugurated by Padmasree, Dr. Valsa (DD-VSSC) in the presence of Dr.Syam Prakash (Principal, LMCST), Prof. P.M. Hormese (Director, LMCST) and Er. Philip John (Secretary, LMCST). (Very).Rev.Fr. Jose Viruppel presided over the inaugural session.

The Conference had around 75 plus research articles, which were reviewed by experts and are meant to be published in various Scopus Indexed Journals. The sessions handled by communication experts such as Dr. T.J. Apren (DD, VSSC) and Dr.B.SManoj (HOD-Avionics Dept, IIST) received great praise from the spectators. Dr. P.M.C Nair (EMC) gave a meaningful talk on Energy management, while Dr. S. Rominus Valsalam (Former Asso. Dir. CDAC) elaborated on the relevance of SCADA systems. The whole event was funded by the Kerala State Council for Science, Technology & Environment along with AICTE.





Participants list

50. FINGERPRINT SPOOFING DETECTION USING LOCAL BINARY PATTERN AND HOG-Lekshmy, S, Mohan, Joby, James
51. Speaker Identification Using K-Nearest Neighbors (k-NN) Classifier Employing MFCC and Formants as Features- Sreelekshmi S
Kumar, Syama R
52. Comparison of Various SRR and CSRR based Compact Dual Band Rejection Microwave Filters- Kathika Rajan, Sherin P Elias
53. ARDUINO BASED HAND GESTURE FOR DUMB-ABHISHEK J., Aneeta Thomas, Anushma P.S., Ganesh B.S, Shannu Arun
Mathew K
54. Study on Compressive Sensing and Image Encryption- Rajalakshmi S, Anjali Krishnan
55. EFFECTIVE PERFORMANCE EVALUATION OF DIFFERENT ABDOMINAL ECG SEPERATION TECHNIQUES-
SHAHANA DARVIN MAHEMA S
56. Comparison of Multimedial Low Resolution Face Recognition using SVD and DSR Methods- ROSHANA N. R. NAVYEN S,
57. A COMPARITIVE STUDY OF 10/8 AND 10/6 SWITCHED RELUCTANCE MOTORS IN ANSYS MAXWELL- Ashwin Raj,
Praseeth P., Sreekanth P.K
58. UAV Photogrammetry And Lidar Mapping -Vaisakh Anand, Karthik R J, Vishnu Dathan, Ram Prasad Tripathy
59. Q factor Comparison of Various Ring Resonator Configurations- Ligin Alphonsa, Resmi R
60. HOME AUTOMATION USING ARTIFICIAL INTELLIGENCE- Abhiram T.S., Arya A.R., Aswin R.S., Jeena John
61. A review On Energy Efficient Resource Allocation in MIMO-OFDMA System Using Different Optimization Algorithms-
Krishnasree K, Nandan S
62. Flash Flood Sense Module Implementation Using ANN Algorithm- Athira S, Nair, Nisha George
63. Recovery of exhaust heat in automotive to enhance its efficiency using TEGs and heat pipes- Jayaram Y, Arun S Lal, Joseph
Thomas, Naveen S Babu, Sreenath VR
64. Colon Polyp Detection Using SFTA Algorithm- Aarya T.S., Athulya L. J, Naila Jaleel, Shahanaq, Abdul Gateer, Shamla Mel,
Nirmal Adam Smit

34. DESIGN OF GATING SYSTEM FOR FABRICATION OF BUTTERFLY LVE BODY-ANANDHU V RAJ, BINOV B L, CYRIL

Thomas, Jibin V Paulose, Ribu C Daniel, Swaroop Rajeev

35. FPGA Implementation of Quadrature sampling Digital IF FM Receiver-Sreekanth A, Renu Agarwal, Sherly Joy, Dr. Aprem, T.J

36. Liver Tumor Segmentation and Feature Extraction using Segmentation based Fractal Textural Analysis Method(SFTA)-Anju Krishna M, Deepesh Edwin, Dr. S. Hariharan

37. Space Vector Modulation Algorithm (SVM) for Multilevel Inverters -Krishna P S

38. OC, UV, OV Protected advanced automatic phase selector with inverter support-Sreekanth P K, Ganesh M

39. MATLAB SIMULINK MODEL OF SOLAR WATER PUMPING SYSTEM USING MODIFIED TIBC-ANCOOP J R, ASHWIN RAJ, REEMA N

40. PEAK TO AVERAGE POWER REDUCTION TECHNIQUES IN OFDM : A REVIEW-Revathy G Nair, Jismi Babu

41. A REVIEW ON SPATIAL MODULATION -Sherin P Elias, Karthika Rajan, Silpa S Prasad

42. SPECTRUM MONITORING IN COGNITIVE RADIO NETWORKS: A SURVEY-Aswathy Anilkumar, Jismi Babu

43. Relevance of Dam-less power generation-Jayaram V, Dr. Bavanish, B

44. Enrichment of Calorific Value for low pressure biogas-Jayaram V, Arun J, Basil Benny Jacob, Nikhil GA, Vinay George Abraham, Vivek Sundaram

45. Study of carbon densification growth in a cylindrical pore through chemical vapor infiltration process-Sabarinath A.R,

46. ANALYSIS OF REPLACING MAGNESIUM OVER ALUMINIUM IN INDUSTRY-ADARSH A S, AHAN SHA M R,

AMEESH NATH S, MOHAMMED FAHAD, Dr. B. BAVANISH

47. QUANTUM ENTANGLEMENT AND FUTURE-JICKSON J, AHAN SHA M R, MUHAMMED ANVAR KHAN, SREEGUG S, MOHAMMED FAHAD

48. Multilevel Authentication for ATM Security-Rini Jones, Sreedevi Krishnan G., Vidhya M. S,

49. 3D Printed Arm Using ThinkGear Technology-Abhijith R, Anju Joseph, Hadil Hashir, Harsha R

14. RED LESION DETECTION USING ADAPTIVE GLOBAL MAXIMUM CLUSTERING ALGORITHM FOR DIABETIC RETINOPATHY SCREENING-Elizabeth J.S., Keerthi Krishnan, Dr. Sheeja Agustin
15. INTELLIGENT VEHICLE WITH ACCIDENT PREVENTION – Nishanth P.R., Ancy John
16. Bayesian Network for EEG Feature Extraction in Multiuser Motor Imagery Brain Computer Interface-Sagee G. S., Hema S
17. Compensation of Friction in Electric Power Steering- Ahira Vijayan, Renjitha G Nair
18. Correlation between Soil Resistance and pH using Arduino UNO-Deepa Jose, Ram Prasad Tripathy
19. EEG Spectral Feature Based Seizure Prediction using Sparse Feature Selection-Parvathy Prathap, Aswathy Devi T
20. Performance Improvement of a Wafer Stage System by Iterative Feedback Tuning.(IFT)-Athira K.H, Dr. K. Prescott
21. Frequency Response betterment By Using LOG Controller Via Bitumen Tank-Reshma D S, Ashima C R
22. A Novel Robust Adaptive Backstepping Control Approach For UAV-Gopika R, Ashima C R
23. APPLICATION OF PI CONTROL STRATEGY ON UNDERACTUATED QUADROTOR-Sheeja John J.L., Ashima C.R
24. Adaptive PID Controller Based Control Algorithm For The Quadrotor UAV -Ashitha M, Ashima C R
25. Analysis and Design Update of Aerial Monocable Ropeway Conveyors for Eliminating Recurring Failures and Downtimes- Sivaram s, Biju I K
26. AN ABETTOR INVASION ON KERNEL-BASED DATA MINING SYSTEMS-Subhami moham, Renetha J B
27. RFID BASED HEALTH CARD SYSTEM IN ATM-Aashish S. Nair, Abisha Ambrose, Akhil Babu, Arya S. Nair
28. EMBEDDED SYSTEM BASED SMART HIGHWAY-Gopika S. Nair, Amal M. B., Amjitha Naushad, Akhil A.
29. Melanoma Classification Using Probabilistic Neural Network-GREESHMA M R, ASHA T S
30. Fetal Arrhythmia Classification and Detection using Bayesian Classifier-APSANA S, MANJU G SURESH
31. Efficiency Improvement Method in Ship AC Grids- Lakshmi C Raveendran, Devika R G
32. A Novel Tumor Margin Assessment Algorithm for Hyperspectral Cancer Images-Arun Gopi, C S Reshmi
33. PUV – Personal Utility Vehicle-Bindu M. V., Vishnu Suresh, Athuljith P. B., Sooraj S. P., Vivek V. K., Sethu Murali

**INTERNATIONAL JOURNAL OF ADVANCED
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MANAGEMENT SCIENCES(IJASTEMS)-ISSN:2454-356X**

NCTIMEMIC-2017

- 1.Copy-Move Image Forgery Detection Using Expectation Maximization Algorithm-Abhila G. K.,Chithra A. S.
- 2.A Survey on Various Detection Methods for Copy Move Digital Image Forgery -Abhila G. K.,Chithra A. S.
- 3.Dense region detectors for image search and fine grained classification-Remya s, SoniaGeorge
- 4.Sketch-Based Image Retrieval and Enhancement by Re-Ranking and Relevance Feedback-Rejin Money A, Priya Sekhar S
- 5.Survey Paper on Sketch Based Image Retrieval-Rejin Money A, Priya Sekhar S
- 6.GENERATION OF FACIAL EXPRESSION USING BLOCK BASED LOCAL BINARY PATTERNS OF SALIENT PATCHES FOR FACE RECOGNITION-Aiswarya U ,Beshiba Wilson
- 7.COLOR CORRECTION APPROACHES IN IMAGE MOSAICKING-Minu Mariyam Panicker, Chithira Rakshmi
- 8.Comparison of Multiface Tracking using Particle Filter and Kalman Filter-Deepthi S,Dr. Dinakar Das C.N
- 9.Embedded Control System Based Intelligent Walking Assistance Device-Anchumol V.N.,Dr.Dinakardas CN
- 10.A Robust Oilwell Sensor System Using RFID Antenna-Krishna priya s, Bincy Louis
- 11.IMPLEMENTATION OF NOVEL RELIABLE FALL DETECTION SYSTEM FOR ELDER PEOPLE-Gopika G R,Nisha George
- 12.A Review On Selection Of PGTs For Automatic Power Transmission-Bindu M V
- 13.An Effective Technique for Compression and Transmission of Medical Data via Wireless Ad Hoc Network-Roopaa S.Kumar, Smitha.J.C

65. Watermarking Based Biomedical Image Integrity Control with DCT Lossless Compression-Mina K. Baby, Aswathy Madhu
66. Effective Image Retrieval Using Combined Features of Dot Diffused Block Truncation Coding and SIFT Keypoint Features-Asha, S., Syama, R
67. Survey on Signal-Reconstruction in Compressed Sensing-Anjaly Krishnan, Rajalakshmi.s
68. 3D MAP BASED ON STEREO VISION USING SLAM-SAJNA NUJUMUDEEN ,DEEPAMBIKA VA
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Copy-Move Image Forgery Detection Using Expectation Maximization Algorithm

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Abstract—This paper propose a novel forgery technique to detect copy move image forgery by using segmentation based method and expectation maximization algorithm. This is mainly based on by extracting the keypoints for comparison from the forged image region. This scheme first segments the forged images into different segments, each segment is independent and they are called patches. For detecting the forgery two stages of matching take places. The first stage of matching consists of feature extraction, patch matching and transform estimation. Second stage of matching consists of obtaining new correspondance,obtaining new transform matrices and finally repeat above two steps for finding identical regions by using expectation maximization algorithm.

Keywords—copy-move forgery,patches,segmentation,keypoints,overlapping,matching.

I. INTRODUCTION

The use of internet become popular nowadays. The internet consists of lots of digital images .The authenticity of digital images need to be ensured because lots of tampering operations can perform on the images.One of most popular tampering operation is copy move forgery(CMF)[1].The copy move digital image forgery means copy a region from the same image and paste it somewhere in the same image region(eg.fig.1).The fig 1(a)[8].shows the original image where fig 1(b)shows tampered image which is not identified by naked eyes. So here is the need for a technology to identify such type of forgery. The digital image forgery is the technology to deal with the way of finding such digital forgeries in images. There exists two main classes of algorithms one is block-wise division algorithm and other is keypoint extraction algorithm. In block-wise division algorithm first divide the image into overlapping blocks then compare each block to find the similarities among them for identifying copy move forgery. The best example of such kind of method[2] is based on DCT (Discrete Cosine Transform),which is used for describing blocks.In DCT matching blocks of tampered image can be find out by comparing the coefficients of individual patches.If two patches has same coefficient then there exist possibility of copy move image forgery. This method use dictionary sort which is used for decreasing the complexities involved for finding the similarities among the matching blocks. In this algorithm descriptor of the block is important. The methods such as discrete wavelet transform(DWT), principal component analysis(PCA) etc where used [3],[4]. In terms of accuracy and detection capability zernike movement is best [4],[5].Same Affine Transformation Selection(SATS) [5] is a post-processing technique which is used for improving the efficiency of CMF detection algorithm. The

scale invariant features transform SIFT[6] and SURF[7] are most widely used keypoints based algorithms. These two methods are robust to find out forgery with transformations such as rotation,scaling etc,to estimate transform matrixes between copying source regions and pasting target regions[8].To avoid the unwanted outliers RANSAC algorithm[9] is used to improve the efficiency of detection algorithms. The gold standard algorithm[10] is used for improving the efficiency of RANSAC algorithm.

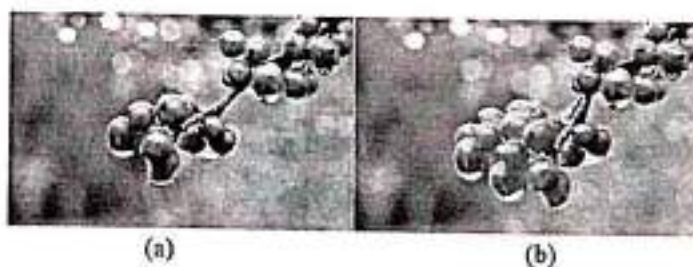


fig 1. Shows (a)Original image and (b)Forged image.

This paper propose a new framework for copy move forgery detection.The test image is first segment into independent patches of non-overlapped regions. An extension of the classic registration method iterative closest point (ICP),is used in EM based algorithms for avoiding the problem of transferring partial matches between the obtained patches.This paper propose two stages for finding forgeries in the test image.In first stage find matches and then calculate corresponding transform matrix. The refining of transform matrix help to find out whether there exists copy move forgery or not.The proposed scheme work effectively in block based scheme compared to the keypoint based method.

The following sections is summarized as follows. In Section II deals with overview of the proposed CMFD system. Section III deals first stage of matching and section IV describe second stage of matching. Section V deals with experimental results. Section VI deals with conclusion.

II. OVERVIEW OF THE PROPOSED CMFD SYSTEM AND IMAGE SEGMENTATION

In this section describe about CMFD Revisiting and the Framework of the Proposed Scheme then describe the reason behind why segmentation is used. In CMFD

A. CMFD Revisiting and the Framework of the Proposed Scheme

The detection result accuracy increases if more information is acquired from the forged image. The mission of copy move forgery detection involved both identifying and locating tampered regions. In CMFD scheme a set of image patches is considered and finding the similarity by comparing these patches coordinate values. This is for both block based and keypoint based method. This comparison process is time consuming if the number of patches in the test image is high. So it is better to decrease the number of patches in the test image. In case of keypoint based method number of patches is less compared to block based method.

The problem regarding the keypoint based method is that keypoints which are closed spatially are not compared to each other because they are spatially similar in nature. It is tricky to determine the shortest distance between two comparable keypoints in the forged image. The keypoints are not concentrated together. Due to this it is very difficult to identify from where the image is copied and to where it is pasted in case of keypoint based detection scheme. For avoiding this problem clustering of keypoints based method is introduced. The clustering matched scheme improve the accuracy of CMFD. In case of block based scheme the image is divided into different patches then the similarity can be identified between copied and pasting regions by comparing these patches.

B. Image Segmentation

The image is segmented into different small regions called patches which help to distinguish between copied and pasted regions in forged images. This can be done by experts who are focused in digital image forgery detection. This method use four segmentation methods to detect the forgery but these are not influenced by CMFD detection efficiency. Fig 2 shows the segmentation. In this figure two tower are in CMF region. SLIC algorithm is used for segmentation. In this figure one CMFD region is divided into several different patches. This can be done in manually or automatically. In this method use automatic scheme. In this method the image is

divided into not more than 100 patches. Finally the detection phase find out that two or more patches are similar in nature i.e., copy move forgery exists in that regions. This is shown in fig 3. If use keypoint based

method use only less number of keypoints approximately four number is enough. The segmentation time is 15 s for an average sized image. The segmentation process hopefully help to increase the speed of detection process in test image.

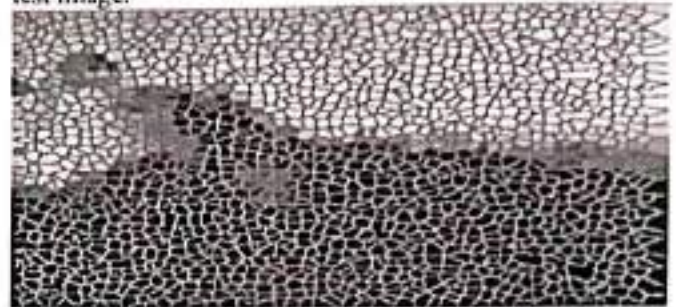


fig 2. Image segmentation

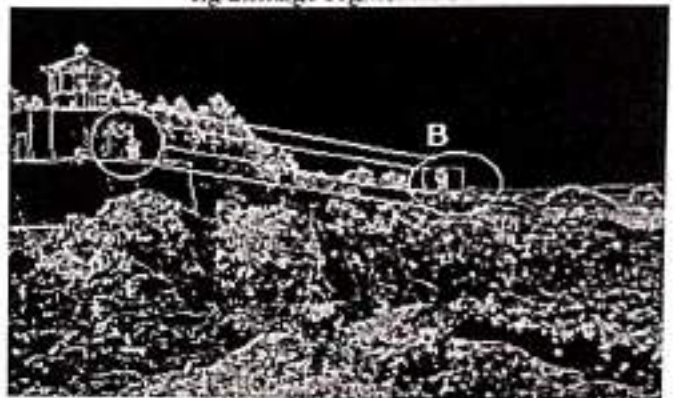


fig 3. Matched keypoint pairs in patch A and patch B are represented by line connecting the points in the patch regions.

III. FIRST STAGE OF MATCHING

The first stage of matching involved three stages of matching. This is shown in fig 4.

A. Keypoint Extraction and Description

In this method use vFeat3[11] software to detect keypoints. The Difference of Gaussian (DoG), Harris-affine and Hessian-affine etc algorithms are commonly used for keypoint detection and description. The good detection results need more than 2000 keypoints in the test image.

B. Matching Between Patches

In this section the matches between the keypoints is find out by comparing each patch with rest of the patches. Consider the fig 3. The patch A is compared with K nearest neighbors. In this method k value is set as 10. In this implementation if difference is less than threshold say 0.004 then there exists a match between keypoints present in the two different patches. In fig 3 patches A and B are said to be suspicious pair of patches. Because they consists of copy move image regions as result the tampered regions are related to line connecting them in the figure.

C. Affine Transform Estimation

In this method find affine transform matrix after finding the suspicious pair of matched pairs. After that calculate the matrix for that regions. This is for finding the relationship between two identical regions. The relationship between the transform matrix H is find out by the following way.

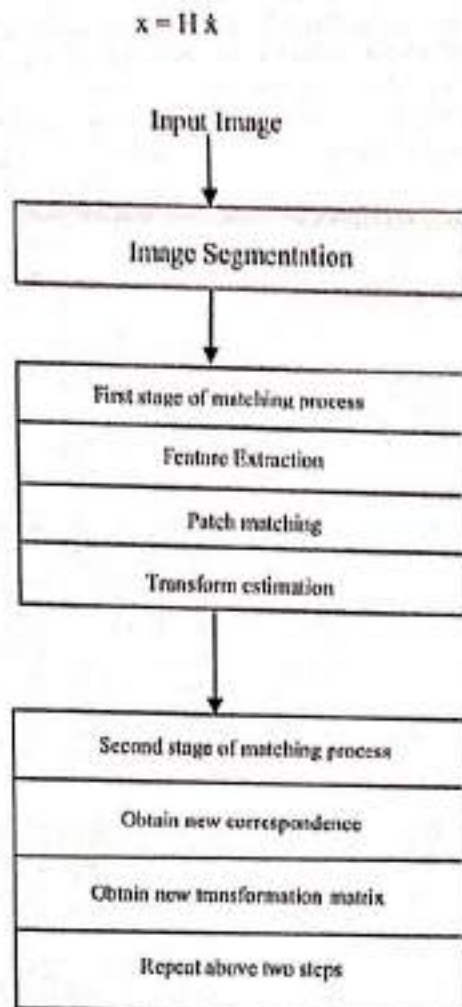


Fig 4. CMFD framework

The x and \hat{x} are coordinates in copying and pasting regions. Today's existing CMFD schemes only focus on identifying the copying and pasted regions and do not identify the relationship between the two regions. This method identifies the relationship between these regions by calculating an affine transformation matrix which helps to identify which transformation is applied to the regions such as rotation, scaling, etc. Doing this estimation helps to avoid false detections if forgery is not present in that region. Forgers do not change the location of copying source regions for avoiding additional forgery traces. The classical method is used for the estimation of transformation between source and target regions. For minimizing the geometrical distance, use three random non-collinear matched keypoints. The RANSAC is used for estimating the transformation matrix in case of existence of noise in keypoint detection. In some detection processes, small regions with around 5 keypoints affect the detection accuracy. If the size of the forged region is smaller than 32×32 , then there exists difficulty in detection accuracy. Because in

small regions, only a limited number of keypoints exist; this makes error in keypoint extraction process. A second stage of detection is introduced to improve the accuracy of the result.

IV. SECOND STAGE OF MATCHING

In the first stage of the matching process, find a suspicious pair of matching patches and then calculate the affine transformation matrix between them to find which transformation is applied to it. For this purpose, use the RANSAC algorithm. It provides a robust transform estimation but sometimes it is not accurate. It rings a false alarm even if no forgery is present in it. So there is a need for a second stage of matching. In the second stage, the transform matrix is refined by using an EM-based algorithm. This helps to avoid false alarms.

A. CMF Determination Based on Probability

In the second stage of matching, all the pixels in the matched patches are used for finding the transformation matrix H . The pixels in the matched regions should be distinguished from the background region. In some test images, only a small region of forgery is present. In this situation, only a small amount of keypoints is present. In this case, the result of the first stage is not convenient due to a limited number of keypoints. In the second stage of matching, pixels in the matched patches are used to find out an accurate transformation matrix. The pixels in the copying and pasted target regions can be distinguished from each other. This increases the accuracy of the result. The relationship can be written as follows,

$$f(x) = f(H^{-1} \hat{x})$$

The image characteristic function is represented by function

$f(\cdot)$. The SHIFT descriptors are used for robust and efficient estimations.

B. Obtaining the New Correspondences of the Pixels

The H_0 denotes the transformation matrix obtained from the first stage of matching. The second stage of matching requires more accurate confirmation regarding the forgery. So there is a need for re-estimation of the transformation matrix for pixel location at x . The correspondence obtained is more similar to old correspondence at location x than there exist a copy move forgery. The new correspondence estimation of pixels helps to confirm forgery and also avoid false alarm. The probability of occurrence of error rate became decreased if use SHIFT based calculations for keypoint based method.

C. Iterative Re-Estimation of the Transform Matrix

The newly matched pixel pairs are used for re-estimation of the transform matrix. The re-estimated transformation matrix which is similar to old transformation matrix in case of copy move forgery exists if not otherwise. In case of smooth region, the correspondants are not accurate. For avoiding the situation

RANSAC algorithm is used. The drawback of RANSAC algorithm is that it uses more time for processing.

Each patch consists of two classes of pixels. Here the problem is that distinguishing two pixels is difficult. The EM algorithm is helpful in this situation. The EM algorithm is used for statistical parameter estimation. The algorithm repeats until target value is reached. The algorithm consists of E-step and M-step. That's why it is called EM algorithm.

V. EXPERIMENTAL RESULTS

A. Test Image Databases and Segmentation Settings

To examine the performance of proposed system use the database namely Benchmark database for CMPD evaluation. The database consists of 48 original images and 48 images with CMP. The original size of the image is set as 3264×2488 . In case of internet and multimedia applications the size of the image should be small. So the images size should be resized to not larger than 800. The resizing need to reduce the number of keypoints in the image. So resizing is not suitable for keypoint based method. The images in the database can be segmented by vifcut software. The function `vl_quickseg` with certain parameters is used in case of resized image segmentation process. This function is used because it can implement quick shift image segmentation algorithm. In this algorithm set the value for two control parameters `ratio` and `kernelsize` to 0.7 and 1.

B. Error Measures

The error in image occurred at two levels, image level and pixel level. In image level false negative rate and false positive rate are used for error detection. In false positive rate the ratio of missing detection to forged one give the error detection rate. The false alarm to the original image give error ratio in case of false positive rate. The precision and recall criteria are used in error detection rate at pixel level.

C. Results on the Database

The detection error rate is represented as false negative rate and false positive rate in database. The SURF and SIFT schemes are used for forgery detection if keypoint based method is used. The snippet from the image is selected and paste it to somewhere in the same image so that it is unnoticeable. Then pass this test image as input. In the first stage of process generate corresponding histogram of the test image which is inputted. This is shown in fig 5. Then the input image is passed to next stage of process. The next stage is edge detection phase. The canny edge detector is used for it. After that it is passed to filtration process for smoothing and noise reduction by using Gaussian filter. Then pass the image to segmentation process and pass to transform estimation. Then pass the image to second stage of matching processes for finalizing the image forgery with the help of expectation maximization algorithm. Next stage shows how much forgery is detected. The proposed scheme is good for

detecting the tampering operation with smallest false negative rate. The false positive rate is larger in this method. Consider the robustness of the scheme against several attacks such as four attacks (1)JPEG2 compression (2)adding noise (3)rotation (4)scaling down and up perform effective detection capabilities. The result shows that the computational complexity of this method is low and they also provide accurate results. The method efficiently detect which transformation operation is applied to the forged regions.



Fig 5.(a) Input image



(b) Edge detection



(c) Filtration



Fig 6. The regions inside the circle are similar in nature and the relationship between the matched regions are connected by the lines connecting between two circles. This regions shows copy move image forgery.

VI. CONCLUSION

In this paper a new method for copy move image forgery detection is proposed. The detection process consists of two stages of matching. First stage of matching consists of feature extraction, patch matching and transform estimation. The transform estimation help to identify which transformation is applied to forged region. Second stage of matching includes obtaining new correspondance, obtaining new transformation matrix. Finally with the help of expectation maximization algorithm forgery can be confirmed. The advantage of using this method is that the chance of occurring false alarm if copy move forgery is present can be eliminated. Because here checking take place twice. This method also detect which transaction is applied to the forged region.

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Lourdes Matha College of Science & Technology
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APPLICATION FORM

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Enhancing Soft Skills for Effective Teaching

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Gender : Male / Female

Qualification :

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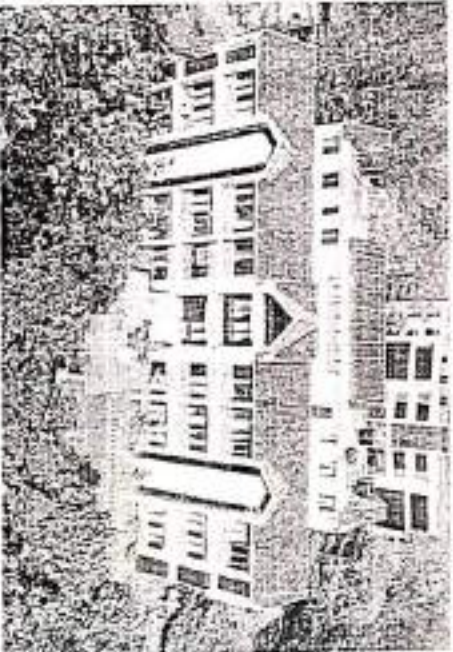
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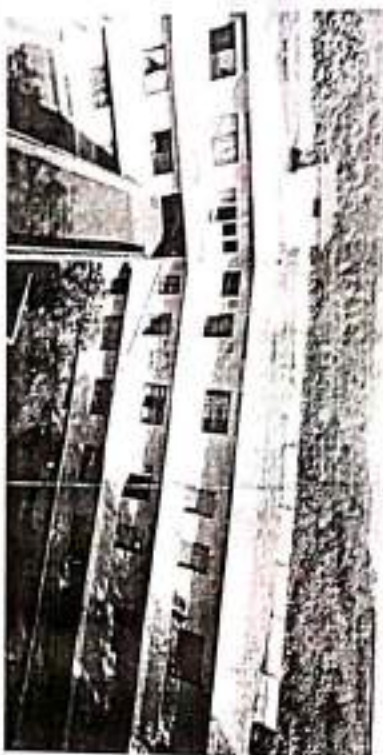
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Lourdes Matha College of Science and Technology established in the year 2002, is a premier institution affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The College offers five undergraduate programs and five post graduate courses.

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- Stress management, discussion management
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- Fulfillment at work
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Dr. Devasa Menon, IIT Madras
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"It is not the strongest or the most intelligent survive but those who can best manage"

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Note: Before filling up the proforma, please read carefully the rules and conditions

(To be filled in by the course coordinator)

1	Name and Address of Host Institution	Lourdes Matha College of Science & Technology
2	Title of the programme should convey the content of the programme	Enhancing Soft Skills for Effective Teaching
3	Name, Designation of the course coordinator (One coordinator than two not allowed)	1. Revathy Sasidharan, Asst. Prof. (EEE), Lourdes Matha College of Science & Technology, Lourdes Hills, Kuttichal, Trivandrum 2. Jinju Joy, Asst. Prof. (EEE), Lourdes Matha College of Science & Technology, Lourdes Hills, Kuttichal, Trivandrum
4	Telephone number of the coordinator	9895909537, revathy.sasidharan@lmcst.ac.in 9496068453, jinju.joy@lmcst.ac.in
5	Highest qualification of the coordinator	M.Tech
6	Area of specialization	Control & Instrumentation Image Processing
7	Teaching experience in years	10
8	Industrial experience in years	1.5
9	Number of publications	Nil
10	Number of attendances in FDPs	2
11	Number of conducted FDPs	1
12	Specialized proposal	10
13	Theoretical/Practical	Nil
14	Specific proposal	Any discipline
15	Theoretical/Practical	Pedagogy
16	Whether the course is of Emerging Area	Yes

15	Duration of the programme	Five working days
16	Proposed dates for the programme (Specify dates, which may be changed later, if required)	27.11.2017 - 01.12.2017

COURSE DETAILS

1	Significance & Objective of the programme (List one or two major objectives)	To successfully navigate the needs of students To effectively communicate with administration, parents and other teachers.
2	Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)	Spirituality, Professional Ethics, Leadership skills, Problem Solving and Critical thinking, Teamwork
3	Course Schedule	1. Total working days = 5 2. Lecture = 27 hrs 3. Lab/Practicals = 0 hrs 4. Industry visits = 3 hrs 5. Others (Specify) = 0 hrs Total = 30 hrs
4	Details of special equipments or laboratory facilities available for the course.	Projectors, Whiteboards, Chalkboards, Desktop
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	Dr. B Anil	Former Principal, GEC, Barton Hill	Doctorate	Mechanical Engineering
	Dr. Radhakrishnan	Former Principal, GEC, Trissur	Doctorate	Computer Science & Engineering

	Dr. Acharya Nair, H. (in charge)	Department of	Doctorate	College of Bio
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	Dr. Jose Padan		Clinical Psychologist	P.C

7	Facilities		1. Smart class 2. Video conf 3. Live stream	
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BUDGET

Sl:No	Description	Quantity	Rate	Total
1	Honorarium	6	1000	6000
2	TA & DA	2	3000	6000
3	Accommodation	Nil		Nil
3	Local expenses	60km	10000/-	600000
4	Honorarium	5	3000	15000
5	Honorarium	5	2000	10000
6	Honorarium for assistants (Participating)	2 persons		
7	Copy	30	500	15000
8	Contingency		10000	10000
9	Food	6	250	1500
10	Food	30	200	6000
11	Allowance		10000	10000
12	Miscellaneous			
	TOTAL			1,36,500/-
	Grant			4550/-

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1. As far as possible the FDPs are to be scheduled during the semester breaks without disturbing the normal academic activities and to ensure maximum faculty participation.
2. It is mandatory to have a fixed batch of 30 participants in each programme. Number of participants from the host institute is limited to 1/3rd of the total number of participants. The rest of the participants should be from other KTU affiliated colleges.
3. There should be minimum 6 hour training per day, excluding tea and lunch break.
4. It is compulsory for the participants to attend all the sessions of the programme. Otherwise the participant's certificate will not be awarded.
5. It is mandatory to submit the brief C. V of the resource persons highlighting their contribution in the concerned subject of FDP.
6. Minimum 50% of the resource persons should be from outside the host institute.
7. Honorarium to faculty/ External experts is limited to Rs 1000/ Hour.
8. Honorarium to Faculty/ External Experts from IIT/ IIM/ National Institutes is limited to Rs 5000/- per day.
9. TA / Accommodation to external experts are as per University rules.
10. Local conveyance to resource persons is limited to Rs 1000/ day
11. Honorarium to centre coordinator and course coordinator is Rs3000/ day. This amount should be shared between them.
12. Honorarium to technical assistants for venue arrangements, purchase assistance, data entry etc. is limited to Rs 2000/day, applicable during the duration of the programme.
13. Stationeries, consumables, certificates printing, report printing, photography etc. is limited to Rs 15000/- per course.
14. Course / Training materials (Soft / Hard copy / text book) is limited to Rs 1000 /- per participant.
15. Working lunch and refreshments is limited to Rs250/- per day per participant.
16. Miscellaneous – Limited to Rs 1000/- per course.
17. The host institute may provide accommodation facility to the participants, if available. The charges if any, for this have to be borne by the participants themselves.
18. It is mandatory to provide the soft copies of the presentations made during the FDP to the participants.
19. If necessary, the host institute may collect nominal registration fee from participants subject to a maximum of Rs 500/ per participant.
20. After the completion of the programme the respective course coordinators are required to submit the hard as well as soft copy of the report of the programme to the University within 15 days of the completion of the programme. The report must include the participant list, registration forms, attendance sheet, feed-back from participants, media coverage of the programme, complete details of the resource persons, soft copy photo, soft copy of the presentations made during the programme and original receipts for TA, refreshments, reading materials etc. made during the programme including honorarium.
21. The payments will be made by the University on the basis of the statements of account of the host institute. The maximum amount of Rs 1.5 lakhs for 3days programme and Rs 2 lakhs for 5days programme.




LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELECTRONICS

KTU SPONSORED FACULTY DEVELOPMENT PROGRAMME ON

“ENHANCING SOFT SKILLS FOR EFFECTIVE TEACHING”

LIST OF PARTICIPANTS

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1.	Prof. Sachana C.S	Applied Science	Vidya Academy of Science and Technology	9446277556	sachana.cs@vidyatekmlr.ac.in	
2.	Prof. Subhana Subarna Bhadrani	Humanities	Marian College of Engineering	7025486460	subhanasb@gmail.com	
3.	Prof. Lekshmi S	Applied Science	LBS College of Engineering, Kasargode	9048546474	lekku.ami@gmail.com	
4.	Prof. Rinnu Varphese	Civil Engineering	Rajadhani Institute of Engineering & Technology	8547841639	rinnu12345@gmail.com	
5.	Prof. Krishnapriya T Nair	Electronics & Communication	Rajadhani Institute of Engineering & Technology	9446316720	krishnapriyatnair@rietedu.in	
6.	Prof. Roselin Raju	Computer-Science-&Engineering- ECE	Mar Basilio's College of Engineering & Technology	9074495571	roselinraju137@gmail.com	
7.	Prof. Rathesh Babu	Humanities & Science	PRS College of Engineering & Technology	8129759417	ratheeshbabu281978@gmail.com	
8.	Prof. Kannan Nair	Mechanical Engineering	PRS College of Engineering & Technology	9400974679	kannannair49@gmail.com	
9.	Prof. Jayasree	Information Technology	Govt. Engineering College, Barton Hill	9048067190	jayasreesaji@gmail.com	

10.	Prof. Angeline Reeba	Electronics & Communication	Lourdes Matha College of Science and Technology	9995804554	angelinereeba@gmail.com	
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12.	Prof. Aebysh Abraham	Mechanical Engineering	Lourdes Matha College of Science and Technology	7356122753	aebysh@gmail.com	
14.	Prof. Anandu S Kumar	Mechanical Engineering	Lourdes Matha College of Science and Technology	8547607413	anandu.sk@lmcst.ac.in	
15.	Prof. Kiran S	Mechanical Engineering	Lourdes Matha College of Science and Technology	8891933798	me.kirans@yahoo.com	
16.	Prof. Amal Raj	Mechanical Engineering	Lourdes Matha College of Science and Technology	8590249924	amalrajbq2@gmail.com	
17.	Prof. Chithira Rakshmi G	Computer Science & Engineering	Lourdes Matha College of Science and Technology	9388302322	chithira.rakshmi@lmcst.ac.in	
18.	Prof. Smitha JC	Computer Science & Engineering	Lourdes Matha College of Science and Technology	9387391331	smitha.jc@lmcst.ac.in	
19.	Prof. Anjana J	Master of Computer Applications	Lourdes Matha College of Science and Technology	9995794050	anjana.j@lmcst.ac.in	
20.	Prof. Jamshak SH	Mechanical Engineering	Musalier College of Engineering	9400653779	jamshak.sh@gmail.com	
21.	Prof. Neema Therese	Civil Engineering	Lourdes Matha College of Science and Technology	7902884613	neema.therese@lmcst.ac.in	
22.	Prof. Sheeba V S	Management Studies	Lourdes Matha College of Science and Technology	9007529981	sheeba.vs@lmcst.ac.in	Ab

23. Mary Suja Antony
 EEE
 Marian Engineering College
 9605443715 sujaantony17@gmail.com

Faculty Development Programme "FINANCIAL PLANNING AND INVESTMENT SOLUTIONS" on 29th January, 2018 to 31st January, 2018

Department of Management Studies organised Faculty Development Programme "FINANCIAL PLANNING AND INVESTMENT SOLUTIONS" on 29th January, 2018 to 31st January, 2018. Dr. Biju Jacob I.A & A.S, Chief Controller, VSSC inaugurated the programme. Sri. Murugan, Chairman of PRS group had addressed the participants. The sessions were handled by Sri. Mathew Manalil (Chartered Accountant, Stock broker), Sri. N. Subramonia Sarma (Chartered Accountant), Sri. Prasad Chemben (Dy. Vice President, Muthoot Fincorp), Sri. Bineesh Nirmalan (Br. Head, Aditya Birla mutual fund), Sri. Vishaljith (br. head, ICICI MF), Sri. Azad & Sri. Abin Naik (SBIMF).



◀▶ Vol 10 | Issue 01 | Jan-June 2018



LMCST NEWS



LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(An ISO 9001:2008 Certified Institution)

Approved by AICTE & Affiliated of Kerala University & APJ Abdul Kalam Technology University

- Department of Computer Applications conducted a three-day Workshop on "Internet Of things" jointly sponsored by Kerala State Council for Science, Technology and Environment(KSCSTE) for faculty members and students from 19th to 21st June.



Student Activities

- S2, S4 MCA and S5 MCA students attended a placement training by SMART Training Resources on 'Soft skills and Aptitude' from 8th, 10th, 11th and 13th January respectively.
- Twenty Students of S5 MCA and fourteen students of S4 MCA participated in DRISHTI'18-Techfest conducted by CET, Trivandrum. Shaheer S.S. and Nikhil Prakash of S4 MCA are the Level toppers in Web Designing and Debugging respectively in DCOD 2.0 on 18th and 19th January.
- Eleven students of S4 MCA participated in Debugging, Treasure Hunt and coding Competitions held as a part of Megabit-Techfest, conducted by Mar Baselios Institute of Technology, Anchal and Ms. Sikha N. of S4 MCA secured first prize in Rubik's Cube competition on 31st January.
- S4 MCA students attended a talk by Dr. Sukesh Kumar on 'Research Oriented Project Development and Ethics on research' conducted by Research and Consultancy Committee, LMCST on 27th February.

STUDENT ACHIEVEMENTS

- LMCST bagged First Position in S4 MCA Kerala University with 91.2 % pass percentage and two University ranksheld in December 2017. S2 MCA secured 100% result in S1 MCA KTU Degree Examination held in December 2017. Ms. Chaithanya P. of S2 MCA secured O grade in five subjects out of seven subjects with 9.45 SGPA. Ms. Sivakami T. of S4 MCA secured SGPA of 9 in S3 MCA KTU Degree Examination, held in December 2017.

University Rank Holders

Ms. Vinitha V.V. of S4 MCA and Ms. Haseena S.H. of S4 MCA bagged 1st rank and 4th rank in the university examination respectively.



Vinitha, V.V
S4-86%

Rank 1



Haseena, S.H
S4-84%

Rank 4

DEPARTMENT OF MANAGEMENT STUDIES

Department News & Activities

- Department of Management Studies organized Faculty Development Programme



"FINANCIAL PLANNING AND INVESTMENT SOLUTIONS" on 29th to 31st January. Dr. Biju Jacob, Chief Controller, VSSC inaugurated the programme. Sri. Murugan, Chairman of PRS group addressed the participants. The sessions were handled by Sri. Mathew Manalil (Chartered Accountant, Stock broker), Sri. N. Subramonia Sarma (Chartered Accountant), Sri. Prasad Chemben (Dy. Vice President, Muthoot Fincorp), Sri. Bineesh Nirmalan (Br. Head, Aditya Birla mutual fund), Sri. Vishaljith (Br. head, ICICI MF), Sri. Azad & Sri. AbinNaik (SBIMF).



- An interactive session on "The future of world business and disruptive technologies" by Dr. JebaMalai, Former Principal Adviser to the Director General, United Nations Industrial Development Organization was conducted by Department of Management Studies jointly with Trivandrum Management Association on 4th April.

- As part of the Industrial Institution Interaction programme, T6 MBA students visited the Eastern Condiments Pvt. Ltd. Adimaly and Tea factories located at Munnar hill station from 19th to 21st April. The students also got ample opportunity to discuss with the officials of concerned institution and gained knowledge in their study area. The faculty members Mr. Ranjit Thomas (Assistant Professor, LMCST), Dr. Anuja J.A. (Assistant Professor, LMCST) accompanied the students.

DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

Department News & Activities

- National Science day was celebrated in association with Kerala State Science Technology and Environment on 27th February. Expert talk on climate change and sustainability challenges by two resource persons, Elocution competition, Poster presentation etc. were conducted.



- Prof. Roy K. Varghese attended a QIP short term programme on single crystal X ray diffraction, theory and practice during 19th to 23rd February at Centre for continuing education, IISC, Bengaluru.

IMPORTANT DATES

Last date for submission of
Registration form : 20/01/2018
Intimation of selection
(By email) : 22/01/2018

Filled registration forms should be sent to the address
given below :

The Coordinator
Financial Planning & Investment Solutions
Lourdes Matha College of Science & Technology
Lourdes Hills, Kuttichal P O
Thiruvananthapuram, Kerala - 695 574

For any Queries contact :

1. Mr. Tony Jacob
Assistant Professor,
Dept. of Management Studies,
LMCST,
Ph: +91-9809800296
Email : tony.jacob@lmest.ac.in
2. Ms. Haritha Simon
Assistant Professor,
Dept. of Management Studies,
LMCST,
Ph: +91-9846088231
Email : haritha.simon@lmest.ac.in

ORGANIZING COMMITTEE :

Patron:

Prof. P.M. Hormese
Director
LMCST

Chairman:

Dr. V. Sajan Prakash
Principal
LMCST

Convener:

Dr. K. Kumara Pillai
Professor and HOD
Dept. of Management Studies
LMCST

Coordinators:

Mr. Tony Jacob
Assistant Professor
Dept. of Management Studies
LMCST

Ms. Haritha Simon
Assistant Professor
Dept. of Management Studies
LMCST

Faculty Development Programme
ON

Financial Planning & Investment Solutions



(Sponsored by KTU)

29th to 31st January 2018



Organized by
Department of Management Studies



LOURDES MATHA COLLEGE OF

SCIENCE & TECHNOLOGY

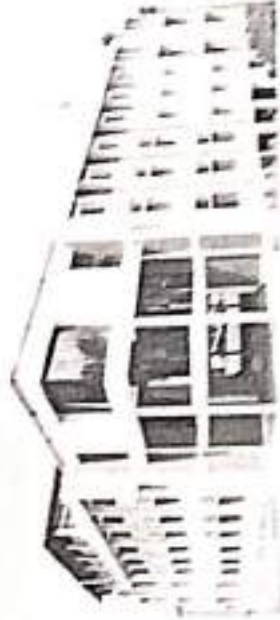
(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kuttichal,

Thiruvananthapuram, Kerala - 695 574

Phone : 0472-2833330, 2833332, 2833333

Website : www.lmest.ac.in



ABOUT THE INSTITUTION

Lourdes Matha College of Science and Technology (LMCST) was established by "Lourdes Matha Catholic Educational Society" in the year 2002. The institution has from the outset, been a centre for education with international appeal, attracting talents from across the nation. The College offers five undergraduate programs and five post graduate courses. LMCST's MBA programme is approved by AICTE and affiliated to the APJ Abdul Kalam Technological University, Kerala. Our prime objective is to create globally competent, socially responsible and well-disciplined managers who can craft their charisma in the corporate world.

DEPARTMENT OF MANAGEMENT STUDIES



The MBA Programme of LMCST was started in 2005 with an intake of 60 students. Department has professionally qualified and experienced permanent faculty drawn from various streams of management discipline and industry. A balanced mix of academicians and professionals from various business houses with industrial experience contributes to the departments academic excellence.

OBJECTIVES OF THE COURSE

We all want to live a financially secured life. But there is a misconception that by just getting a decent job will ensure that you lead a financially secured life. But the fact is that your job gives you an opportunity to make you and your family's future financially secured by adopting some financial planning habits. Many youngsters do not know from where to start financial planning.

Talking about the Investment Scenario, there are lot of investment option by which we can generate another source of income which can make us financially stable. It depends on what kind of risk appetite one have and what kind of investment time horizon he is looking for with the amount of regular investment.

The objective of the Faculty Development Program (FDP) is to equip the faculty and trainers in the Portfolio Management, Taxation, Investment solutions and security analysis domain with the relevant competencies and skills as required. This is targeted to enable them to continually evolve themselves to address the developments which are taking place globally. The focus of FDP is to make one the master of all financial products like stock, bond, mutual funds, insurance, Money Market instruments etc. Thus, also honing the teaching skills in the area of financial services.

Venue:

Department of Management Studies, LMCST.

COURSE CONTENT

- Investment Analysis and Portfolio Management
- Financial Planning Strategies to investors
- Risk in investment
- Portfolio Diversification and Derivative Products
- Personal Tax and Corporate Tax
- Practical session and discussions on stock trading, Mutual funds, Insurance products and money market instruments

OUR RESOURCE PERSON

- Sri. Mathew Mammal (Chartered Accountant, Stock Broker)
- Sri. N. Subramonia Sarmal (Chartered Accountant)
- Sri. Saji Joseph (SBI CAPS, Area Manager, Kerala)
- Sri. Prasad Chembem (Dr. Vice President, Marthosor Flasecorp)
- Sri. Bileesh Normalan (Br. Head, Aditya Birla Mutual Fund)
- Sri. Vishalath (Br. Head, ICICI MF, TVPM)
- Dr. K.Kumara Pillai, Professor, J.M.S.C.I

HOW TO APPLY

The applications duly filled in the prescribed format should reach the coordinators on or before 20-01-2018.

Admission is based on first come first serve basis for first 30 applicants.

Application format is enclosed with this brochure.

ELIGIBILITY

The Course is open to teaching faculty from Management departments and Business schools

REGISTRATION FEE : NIL

FDP on Financial Planning and Investment Solutions		
Date: 29-01-2018 - 31-01-2018		
LIST OF PARTICIPANTS		
Sl. No.	NAME	INSTITUTION
1	Dr. K. Kumara Pillai	Lourdes Matha College of Science and Technology
2	Dr. A. Lenin Jothi	Lourdes Matha College of Science and Technology
3	Dr C G Sukumaran Nair	Lourdes Matha College of Science and Technology
4	Dr. Beshiba Wilson	Lourdes Matha College of Science and Technology
5	Dr. Smitha J.C.	Lourdes Matha College of Science and Technology
6	Prof. Priya Sekhar S.	Lourdes Matha College of Science and Technology
7	Prof.Renetha J.B.	Lourdes Matha College of Science and Technology
8	Prof.Christy Jojy	Lourdes Matha College of Science and Technology
9	Prof. Ambily Jane	Lourdes Matha College of Science and Technology
10	Prof. Nisha O.S.	Lourdes Matha College of Science and Technology
11	Prof. Asha S	Lourdes Matha College of Science and Technology
12	Prof. Chithra A.S.	Lourdes Matha College of Science and Technology
13	Prof.Sonia George	Lourdes Matha College of Science and Technology
14	Dr. K. Retnakumari Amma	Lourdes Matha College of Science and Technology

15	Mr. Roy K. Varghese	Lourdes Matha College of Science and Technology	
16	Mr. Carold Wilson Lazer J.	Lourdes Matha College of Science and Technology	
17	Mr. Susanth S.G.	Lourdes Matha College of Science and Technology	
18	Ms. Susan Rosh Jose	Lourdes Matha College of Science and Technology	
19	Ms. Maya G.S. Thankachy	Lourdes Matha College of Science and Technology	
20	Ms. Geethu Jose	Lourdes Matha College of Science and Technology	
21	Ms. Nisha R.S.	Lourdes Matha College of Science and Technology	
22	Ms. Lekshmy Surendran	Lourdes Matha College of Science and Technology	
23	Ms. Divya S. Nair	Lourdes Matha College of Science and Technology	
24	Ms. RAMA TRIVEDI	St. Xavier Sr. Sec. School	
25	Dr Rajesh S Pyngavil	Rajadhani Business School	
26	Mr. Tony Jacob	Lourdes Matha College of Science and Technology	
27	Ms Haritha Simon	Lourdes Matha College of Science and Technology	
28	Mr. Ranjit Thomas	Lourdes Matha College of Science and Technology	
29	Ligo Koshy	MACFAST	
30	Ms. SONAM RANI	GL BAJAJ INSTITUTE OF MANAGEMENT	
31	Mr.DENVAR PRAVIN JOY. T	LOURDES MOUNT COLLEGE OF ENGINEERING	
32	Mr Sujith Kumar P	Union Christian College, Aluva	

33	Ms. Vineetha Peter M	MES Asmabi College P Vemballur
34	Mr. K. ABDUL AHED,	C. ABDUL HAKEEM COLLEGE (AUTONOMOUS)
35	Dr. Jayarajan T. K.	Payyanur College
36	Mr.Sajil K P	Chennai Race Coaching Centre Calicut
37	Dr.Priya Prasad	Rajadhani Business School
38	Mr.RAJESH.E.G.	Techshore Institute of Management
39	Mr. Anoop Joseph	Pavanatma College Murickassery
40	ASHITHA.S.S	Lourdes Matha College of Science and Technology
41	Dr.Mamitha J.S	MAR IVANIOS COLLEGE
42	MOHAMMED RIYAS BABU.K.T	AL JAMIA ARTS & SCIENCE COLEEGE
43	Ms.Rehana John	Bharata Mata Cillege
44	Ms.ASWATHI RAMESH	TRS GLOBAL PUBLIC SCHOOL
45	Mr.Prejith V R	School Of Management Studies, Kuttipuram
46	Ms. HIMA VINCENT	PRAJYOTI NIKETAN COLLEGE
47	Prof. D. Remadevi Professor	Lourdes Matha College of Science and Technology
48	Prof. Davy Cherian Professor	Lourdes Matha College of Science and Technology
49	Prof. Mohan S.	Lourdes Matha College of Science and Technology
50	Ms. Sumitha Rani P.R.	Lourdes Matha College of Science and Technology
51	Ms. Arya P.S.	Lourdes Matha College of Science and Technology
52	Ms.Sarika A.S.	Lourdes Matha College of Science and Technology

53	Ms.Prajisha J.P.	Lourdes Matha College of Science and Technology
54	Mrs. D. MINOLA DAVIDS	C S I Institute of Technology
55	Dr. Syamnath R S	Lourdes Matha Institute of Management Studies
56	Ms. SONAM RANI	GL BAJAJ INSTITUTE OF MANAGEMENT
57	Ligo Koshy	MACFAST
58	Mr.DENVAR PRAVIN JOY. T	LOURDES MOUNT COLLEGE OF ENGINEERING
59	Mr Sujith Kumar P	Union Christian College, Aluva
60	Ms. Vineetha Peter M	MES Asmabi College P Vemballur
61	Mr. K. ABDUL AHED,	C. ABDUL HAKEEM COLLEGE (AUTONOMOUS)
62	S.Onkar singh	K j somaiya comprehensive college of education, training and research.
63	Mr.Arunkumar	SCMS School of Technology and Management
64	Arti Gaur	GL Bajaj Institute of Management , Greater Noida
65	Ms. RAMA TRIVEDI	St. Xavier Sr. Sec. School
66	Dr Rajesh S Pyngavil	Rajadhani Business School
67	Ms.R.Jenelin Kamalam	Women's Christian College
68	Ms Shahija V A	MES Asmabi College, P Vemballur, Kodungallur
69	Mr. Nithin Antony	MES College, Nedumkandam
70	Dr.Jitha G.Nair	Albertian Institute of Management
71	Ms. DEEPA BAIJU	PRESENTATION COLLEGE OF APPLIED SCIENCES, PUTHENVELIKARA
72	JEEVAN KUMAR J	MACFAST

73	Ms. Carolin Thomas	Gregorian college of advanced studies
74	Mrs Ammu sasi	Sree Narayana college of technology vadakkevila kollam
75	Mr.SARATH SM	SSTEF
76	Mrs.Divya D	School of legal Studies Cusat
77	Ms.SWETHA C V	Acharya Institute of Graduate Studies
78	Mr RAHUL THAMPI R ASST PROF	MES M K MACKAR PILLAY COLLEGE FOR ADVANCED STUDIES EDATHALA
79	MS. RAISHA PRAVIN JOY. T	ST. JOHN'S COLLEGE OF ARTS AND SCIENCE
80	Ms Neethu J Salil	Sree Narayana College Of Technology
81	Ms.Shubhika Gaur	GL Bajaj Institute of Management, Greater Noida
82	Mrs.Josmy Varghese	PAVANATMA COLLEGE MURICKASSERY
83	Dr. Joseph Purayidathil	SJCET, Palai
84	Ms.Remyamol G	University institute of technology, Mannar
85	Ms. ANITA SHARMA	Guru RamDass College of Education
86	Ms. Anumol Mathew	PKM College of Education
87	Mrs.S.Sasikala	D.K.M.College for Women
88	Mr. Abhijith R	Rajadhani Business School
89	Dr. Geeta Pathak	Guru Ramdass College of Education
90	Ms. Anza Shafi S	KMM College of Arts and Science Thrikkakara
91	Ms Raseena P M	MES Asmabi college
92	Ms. Nazia Kulsoom	Aligarh Muslim University
93	Mr.LAGHEESH V.M	MES M.K MACKAR PILLAY COLLEGE FOR ADVANCED STUDIES,EDATHALA

94	Mrs. SRIDEVI G	Acharya Institute Of Graduate Studies
95	Ms.Indu Rajan	Lourdes Matha College of Science and Technology
96	Mr. Lakshmi Narayanan M	Lourdes Matha College of Science and Technology
97	Ms. Anupama P.L.	Lourdes Matha College of Science and Technology
98	Bindu M V	Lourdes Matha College of Science and Technology
99	Krishna Prasanth K	Lourdes Matha College of Science and Technology
100	Daniel C. Ribu	Lourdes Matha College of Science and Technology
101	Resmi V. Prasad	Lourdes Matha College of Science and Technology
102	Alphonse D	Lourdes Matha College of Science and Technology
103	Shammy Arun Mathew K	Lourdes Matha College of Science and Technology
104	Priyanka C P	Lourdes Matha College of Science and Technology
105	Soorya S R	Lourdes Matha College of Science and Technology
106	Jean Dickson	Lourdes Matha College of Science and Technology
107	Renu V	Lourdes Matha College of Science and Technology
108	Rohini G. P.	Lourdes Matha College of Science and Technology
109	Ammu Anna Mathew	Lourdes Matha College of Science and Technology

110	Priya S A	Lourdes Matha College of Science and Technology	
111	Revathy Sasidharan	Lourdes Matha College of Science and Technology	
112	Sherin Joseph	Lourdes Matha College of Science and Technology	
113	Selma Joseph	Lourdes Matha College of Science and Technology	
114	Cibumol B. Babu	Lourdes Matha College of Science and Technology	
115	Sreedevi R C	Lourdes Matha College of Science and Technology	
116	Arya Vijayan	Lourdes Matha College of Science and Technology	
117	Priya P S	Lourdes Matha College of Science and Technology	
118	Siju K Abraham	Lourdes Matha College of Science and Technology	
119	Adarsh S J	Lourdes Matha College of Science and Technology	
120	Swapna M	Lourdes Matha College of Science and Technology	
121	Sajith Krishnan R	Lourdes Matha College of Science and Technology	
122	Jiflin Das	Lourdes Matha College of Science and Technology	
123	Indu Ravikumar	Lourdes Matha College of Science and Technology	
124	Ram Prasad Tripathy	Lourdes Matha College of Science and Technology	
125	Binu Chacko	Lourdes Matha College of Science and Technology	

126	Akhil S Augustine	Lourdes Matha College of Science and Technology	
127	Krishna L	Lourdes Matha College of Science and Technology	
128	Vidya R	Lourdes Matha College of Science and Technology	
129	Linimol Ansalam.A.V	Lourdes Matha College of Science and Technology	
130	Gayathri Rema Narayan	Lourdes Matha College of Science and Technology	
131	Shama M S	Lourdes Matha College of Science and Technology	
132	Madhav S	Lourdes Matha College of Science and Technology	
133	Debarati Ganguly	Lourdes Matha College of Science and Technology	
134	Divya Subhash	Lourdes Matha College of Science and Technology	
135	Veena V.U	Lourdes Matha College of Science and Technology	
136	Anju Anil J	Lourdes Matha College of Science and Technology	
137	Sreelekshmi R C	Lourdes Matha College of Science and Technology	
138	Mithra Elsa Thomas	Lourdes Matha College of Science and Technology	
139	Raji S	Lourdes Matha College of Science and Technology	
140	Lekshmi Shyam	Lourdes Matha College of Science and Technology	
141	Cincy Mary Sebastian	Lourdes Matha College of Science and Technology	

142	Jinju Joy	Lourdes Matha College of Science and Technology	
143	Anjana J	Lourdes Matha College of Science and Technology	
144	Neethu Mohan	Lourdes Matha College of Science and Technology	
145	Vishnu C S	Lourdes Matha College of Science and Technology	
146	Ankur A	Lourdes Matha College of Science and Technology	
147	Sammil S	Lourdes Matha College of Science and Technology	
148	Deeja Milner	Lourdes Matha College of Science and Technology	
149	Niyas Salim	Lourdes Matha College of Science and Technology	
150	Manjusha Gm	Lourdes Matha College of Science and Technology	

**TWO WEEK AICTE APPROVED FDP ON
FOUNDATION PROGRAM IN ICT FOR EDUCATION**

03.08.2017 TO 07.09.2017

CONDUCTED BY IIT BOMBAY AT

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY (REMOTE CENTER)

In association with IIT Bombay, LMCST has conducted an FDP on “Use of ICT (Information and Communication Technologies) in Education for Online and Blended Learning” to enhance the quality of education and effectively use ICT (Information and communication technology) in education. The Course commenced on 3rd Aug 2017. There were face-to-face interaction sessions on 19th & 20th August 2017.

Who Should Attend

As this FDP is not subject-specific, teaching faculty from any domain, including faculty from management, polytechnics, science, arts and commerce can participate. Teachers registered in a Masters or a PhD program, during their employment as a teacher, can also participate. Additionally, participants should have basic familiarity with computer.

Participants, who have not certified in the earlier FDP (2016), are eligible to participate in the FDP.

Duration and Venue

This Two-week FDP consists of two components as follows:

1. **Online work by individual participants:** Each participant is expected to access the online platform, using a PC at home or office, on any convenient day and time during the week, with an online test every week. Each participant has to spend 6 to 8 hours of efforts per week during this component of the FDP. This is equivalent to one day of work in a regular FDP. This activity will be spread over 5 calendar weeks: From Thursday 03 August to 07 September 2017.

2. **Face-to-Face Interaction:** Participants will have to physically attend these sessions at their chosen or designated Remote Centres (RCs), established across the country by IIT Bombay. Focused interactive sessions with the participating teachers, will be conducted by the faculty from IIT Bombay. The discussions and local tutorial sessions will be moderated by the Workshop Coordinators appointed at each RC. This activity will be conducted on the weekend of 19, 20 August 2017.

Teaching Faculty

Prof. Deepak B. Phatak, Dept of CSE, IIT B
Prof. Kannan Moudgalya, Dept of Chem Engg, IIT B
Prof. U. V. Bhandarkar, Dept of Mech. Engg, IIT B
Prof. P. Sunthar, Dept of Chem Engg, IIT B
Dr. Sameer Sahasrabudhe, Dept of CSE, IIT B
Mr. Jayakrishnan M, IDP in ET, IIT B

Course Fee

Funding support from Ministry of Human Resource Development (MHRD) permits us to offer the FDP without any course fees. Participants have to take care of their expenses for travel/food during the A-VIEW interaction at Remote Centres.

Additional benefits

It has been decided that 250 top performing participants, will be identified based on the assessment criteria of both the FDPs. Further, they will also be offered an opportunity to participate as associate faculty (with an appropriate honorarium, of course), for conducting these FDPs in future.

Accommodation: Not Applicable

How to Apply

If you wish to attend this course, you should register online. The online registration has started from **Friday 7 July 2017. The last date of online registration is Wednesday 02 August 2017.**

The URL for registration is <http://www.it.iitb.ac.in/hrmeic/announcements.html>

The registration for FDP201x - "Pedagogy for Online and Blended Teaching-Learning Process" will be limited to participants, who successfully complete the FDP101x.

Address for communication:

Dr. Kalpana Kannan
Sr. Project Manager,
Department of CSE, Kanwal Rekhi Building,
Indian Institute of Technology Bombay,
Mumbai - 400 076
Tel.: +91-22-2576 4989
Fax: +91-22-2572 0022
Email: eoutreach@it.iitb.ac.in

Two-Week AICTE approved FDP

Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT)

"Foundation Program in ICT for Education"

(This FDP will be offered in a blended/Hybrid mode)

03 August to 07 September 2017

Conducted by

IIT Bombay



Course Coordinator

Professor Deepak B. Phatak
Department of Computer Science & Engineering

Indian Institute of Technology Bombay
Mumbai – 400076

Introduction (FDP101x)

IT Bombay has been involved with distance synchronous education, since year 2000. We have trained over 1,36,000 teachers, in partnership with IIT Kharagpur, under the T10KT (Train 10 Thousand Teachers at a time) project sponsored by NMEICT. All training workshops so far, were on specific subjects of Engineering and Science Education, most of which are taught as core courses in our colleges and universities. The participating teachers have benefited from these programs.

Online educational methodology, and flipped-classrooms with associated pedagogy of active learning, have quickly emerged as the mainstay of effective education in this century. However, most of our teachers lack skills and competencies for proper and effective use of ICT in education. It is thus an urgent national requirement that all our teachers, at least those teaching in our professional colleges, are empowered to use technology effectively, to enhance the quality of education.

To meet this requirement, IIT Bombay has specially designed a Faculty Development Program (FDP) on "Use of ICT in Education for Online and Blended Learning". A pilot implementation of this course was done during May-July, 2016. A total of 2193 participants had successfully completed this workshop and had obtained the certificate. The FDP was a single course than having a longer duration.

Based on the inputs of the participants and course team, this year the course is being offered as a two-part FDP so as to focus on Technology and Pedagogy respectively. These FDPs are conducted under the aegis of Paradi Machan Mahan Malviya National Mission for Teachers and Teaching (PMMNMTT). The first course under this FDP, with a focus on technology, is titled "Foundation Program in ICT for Education" and is designed as a Blended/Hybrid MOOC (Massive Open Online Course) – FDP101x. There will be one weekend face-to-face sessions at the Remote Centres. The course will be offered from 03 August to 07 September 2017.

The second part of this FDP is scheduled from 14 September to 12 October 2017 and has been explained separately.

Learning Objectives for the Course

After successful completion of the course, participants will be able to:

- Identify various ICT devices and applications useful in teaching-learning
- Develop awareness towards ethical practices for use of ICT in education
- Make use of best practices for information dissemination using ICT

Course Content

- 1. Information Capture, Storage, and Display**
 - Subsystems of Computer Devices for Capture
 - Keyboard, Mouse, Printer, Webcams, Mouse, Hard disks
 - Tablets and Smart Phones Servers,
 - Cloud, Storage Farms, CD/DVD, Pen Drive
 - Effective Storage and Display
 - Directory Organization and File Handling
 - Dealing with Multiple Information format
 - Organizing and Searching
- 2. The World of Internet and Web**
 - Essentials
 - Basics of Connectivity, LANs and WANs, Wireless and Bluetooth
 - Organization of Web, IP Address, Domain Names, DNS Servers
 - Browsers and Plug-ins
 - Effective Exploration of Web
 - Searching Techniques
 - Best Practices for Exploration

3. Use of ICT for Resource Creation and Management

- Digital Content Creation using common productivity tools
 - Document Editors

- Presentational Software
 - Spreadsheets
 - Audio-Video Resources Creation
 - Speech Text-to-Speech/Braille
- Content Management Systems
- Learning Management Systems

4. Best Practices for Information Dissemination with ICT

- Best Practices for Visual Communication
- Best Practices for Online Collaboration
 - ICT as a facilitator for teaching, ethics and Integrity
 - Creating Consistent Learning
 - Indicators for effective email communication
 - Practices for engaging in a healthy online discussion
- Facilitating collaborative resource creation and evaluation for online usage

Criteria for Certification

IIT Bombay will award certificates only to those participants who successfully complete prescribed online tests with minimum 50% aggregate score, and meaningfully participate in face-to-face sessions. AICTE has recognized this as a Two-week FDP.

Note 1: This FDP is conducted under the T10KT project of IIT Bombay. Live recording of the course and other created content will be released under Open Source, through a portal. All participants are required to sign a No Objection Certificate for such release of content contributed by them during and after the FDP. All contributors will be acknowledged.

Note 2: Since the content is released under Creative Commons, participants have to ensure that they provide accurate citations. All the content generated will undergo check for plagiarism and plagiarism detected will lead to cancellation of registration and serious disciplinary actions.

Foundation Program in ICT for Education

Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching
(PMMMNMTT), MHRD, GoI

August 3rd, 2017 to November 10th, 2017

S No	Session	Lecture	Click to download
1	Lectures	FDP101x SI S001 AVIEW Interaction Session 1.mp4	Download
2	Lectures	FDP101x SI S002 AVIEW Interaction Session 2.mp4	Download
3	Lectures	FDP101x SI S003 AVIEW Interaction Session 3.mp4	Download
4	Lectures	FDP101x SI S004 AVIEW Interaction Session 4.mp4	Download
5	Lectures	FDP101x SI S005A AVIEW Interaction Session 5.mp4	Download
6	Lectures	FDP101x SI S005B AVIEW Interaction Session 5.mp4	Download
7	Lectures	FDP101x SI S006A AVIEW Interaction Session 6.mp4	Download
8	Lectures	FDP101x SI S006B AVIEW Interaction Session 6.mp4	Download

PARTICIPANT DETAILS

Foundation Program in ICT for Education *Participant List*

1	Bindu M V	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
2	Krishna Prasanth K	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
3	Beshiba Wilson	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
4	Daniel C. Ribu	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
5	Resmi V. Prasad	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
6	Renetha J.B.	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
7	Saranya B S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
8	Asha A.S	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
9	Divya Christopher	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
10	Smitha J C	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
11	Dirakardas C N	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
12	Sunu Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
13	Anjana Thiampy S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
14	Sheeja Beevi.S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
15	Alphonse D	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
16	Shammy Arun Mathew K	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
17	Priyanka C P	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
18	Soorya S R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

19	Prajsha J P	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
20	Sarika S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
21	Anupama P L	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
22	Lekshmi J Satheesh	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
23	Sumitha Rani P R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
24	Tanuja Christopher Dcruz	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
25	Indu Rajan	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
26	Jayaram V	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
27	Lakshminarayanan M	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
28	Jean Dickson	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
29	Renu V	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
30	Rohini G. P.	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
31	Ammu Anna Mathew	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
32	Priya S A	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
33	Revathy Sasidharan	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
34	Sherin Joseph	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
35	Lekshmy Surendran	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
36	Selma Joseph	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
37	Cibumol B. Babu	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
38	Retnakumari Amma K	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
39	Sreedevi R C	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

40	Arya Vijayan	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
41	Chithra A.S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
42	Priya Sekhar S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
43	Priya P S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
44	Siju K Abraham	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
45	Adarsh S J	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
46	Swapna M	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
47	Sajith Krishnan R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
48	Jiflin Das	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
49	Indu Ravikumar	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
50	Ram Prasad Tripathy	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
51	Arya P.S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
52	Binu Chacko	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
53	Mchan S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
54	Asika Johney	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
55	Necma Therese	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
56	Akhil S Augustino	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
57	Asha Chandran S	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
58	Krishna L	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
59	Tony Jacob	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
60	Preethi W	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

61	Sumi Maria Abraham	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
62	Liya A Asharaf	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
63	Asha S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
64	Haritha Simon	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
65	Anuvinda S M	Trinity College of Engineering, Thiruvananthapuram	Yes
66	Ranjit Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
67	Yamuna M Nair	Trinity College of Engineering, Thiruvananthapuram	Yes
68	Vidya R	Trinity College of Engineering, Thiruvananthapuram	Yes
69	Linimol Ansalam,A.V	Trinity College of Engineering, Thiruvananthapuram	Yes
70	Gayathri Rema Narayan	Trinity College of Engineering, Thiruvananthapuram	Yes
71	Shama M S	Trinity College of Engineering, Thiruvananthapuram	Yes
72	Madhav S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
73	Debarati Ganguly	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
74	Divya Subhash	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
75	Veena VJ	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
76	Anju Anil J	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
77	Sreelekshmi R C	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
78	Mithra Elsa Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
79	Raji S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
80	Lekshmi Shyam	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
81	Cincy Mary Sebastian	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

82	Jinju Joy	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
83	Nisha O S	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	No
84	Divya Nair	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
85	Anjana J	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
86	Nisha R.S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
87	Maya G.S Thankachy	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
88	Neethu Mohan	Lourdes Matha College of Science and Engineering	No
89	Roy K Varghese	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
90	Susanrosh Jose	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
91	Vishnu C S	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	No
92	Ankur A	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
93	Sammil S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
94	Deeja Milner	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
95	Niyas Salim	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
96	Manjusha Gm	Trinity College of Engineering, Thiruvananthapuram	No
97	Blesson John	Trinity College of Engineering, Thiruvananthapuram	No
98	Betsy C	Trinity College of Engineering, Thiruvananthapuram	No
99	Anju Mary Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
100	Vishnu R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No

FOUNDATION PROGRAM IN ICT FOR EDUCATION

03.08.2017 TO 07.09.2017

CONDUCTED BY IIT BOMBAY AT

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY (REMOTE CENTER)





**FACULTY MEMBERS ACTIVELY PARTICIPATING IN THE FDP ON FOUNDATION PROGRAM IN ICT FOR
EDCUATION 03.08.2017 TO 07.09.2017 CONDUCTED BY IIT BOMBAY AT
LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY (REMOTE CENTER)**



Lourdes Matha College of Science & Technology
Lourd's Hills, Kattiladi, Thiruvananthapuram, Kerala - 695 574

APPLICATION FORM
FACULTY DEVELOPMENT PROGRAMME ON
Control Systems, Power Electronics
&
Renewable Energy Systems with MATLAB

Name: _____

Designation: _____

Department: _____

Institution: _____

Gender: _____

Date of Birth & Age: _____

Educational Qualification: _____

Mobile: _____

Email: _____

Accommodation Needed: _____

Place: _____

Date: _____

Signature

SPONSORSHIP

is an employer or not institution and is hereby sponsored for attending the Faculty Development Programme on Control Systems, Power Electronics and Renewable Energy Systems with MATLAB during 04th to 6th July 2017 at Lourdes Matha College of Science and Technology. Hence will be permitted to attend the course if selected.

Signature of the sponsoring authority with seal

ORGANISING COMMITTEE:

Chairman:

Dr. V. Sreedharan
Principal
IACSIT

Convener:

Mrs. Suresha M.
Asst. Professor and Head
Dept of Electrical & Electronics Engineering
IACSIT

Coordinator:

Mrs. Susudha Devi
Asst. Professor
Dept of Electrical & Electronics Engineering
IACSIT

Mrs. Rubina G.P.
Asst. Professor
Dept of Electrical & Electronics Engineering
IACSIT

Research Project Contact Details:

Mrs. Susudha V.
Manager,
Pamphlet Road Post 141,
P.O. No 1152, Ind. Zone, W.P.P. Block, Vozhikannur, Kozhikode.

1 or less: 022817, Kerala
Mobile: 091-9895391390
E-mail: rathinapandian@gmail.com

Visitors:

Computer Lab A
IACSIT

Faculty Development Programme

Control Systems, Power Electronics
&
Renewable Energy Systems

with
MATLAB
4th to 6th July 2017
Organized by
Department of Electrical & Electronics Engineering

In association with



LOURDES MATHA COLLEGE OF

SCIENCE & TECHNOLOGY

(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kattiladi,
Thiruvananthapuram, Kerala - 695 574
Phone: 0472-2853550, 2853442, 2853530
Website: www.lmcs.ac.in

ABOUT THE INSTITUTION

Lourdes Matha College of Science and Technology established in the year 2002, is a premier institution affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The College offers undergraduate programs in five major streams and five post graduate courses.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The Department of Electrical & Electronics Engineering of LAMCST started its voyage in the year 2004. The department offers four year B. Tech degree programme in Electrical and Electronics Engineering and a two year M. Tech programme in Control Systems. The Department promotes its continuous effort to nourish the academic as well as research capability of a student through class room coaching and innovative projects.

OBJECTIVES OF THE COURSE :

- To understand Control Systems, Power Electronics and Renewable Energy System concepts in detail
- Modeling of the above systems in MATLAB

COURSE CONTENT:

- Control Systems - Type - State Space Analysis - Mathematical modelling using MATLAB - P, PI, PID Controls - Speed control of DC motor, Induction motor etc.
- Power Electronics - Market Trends - Applications-MATLAB designing
- Renewable Energy - Solar using MPPPT - MPPPT using MATLAB-Wind Energy-Hybrid Energy etc.

HOW TO APPLY

The applications duly filled in the prescribed format should reach the coordinators on or before 28/06/2017. Admission is based on first-come first-serve basis.

ELIGIBILITY

The Course is open to faculty with background in Electrical and Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering from Engineering colleges approved by AICTE

The registration fees is Rs. 10000 for faculty. Registration fee shall be paid through demand draft in favour of Lourdes Matha College of Science and Technology payable at Thiruvananthapuram.

IMPORTANT DATES:

Last date for Submission of registration form : 28/06/2017

Intimation of selection (By mail) : 30/06/2017

Filled registration forms will be sent to the address given below:

The Coordinator,

FDP-Control Systems, Power Electronics & Renewable Systems,
Department of Electrical & Electronics Engineering,
Lourdes Matha College of Science & Technology,
Aurichal,
Thiruvananthapuram -695 574

For any queries:

Sreeksaba Devi K,
Asst. Professor,
Department of Electrical & Electronics Engineering,
LAMCST,
Ph : -91-495419088
Email : sreeksaladevi@lmcst.ac.in

Rehinal G.P,
Asst. Professor,
Department of Electrical & Electronics Engineering,
LAMCST,
Ph : -91-9843836045
Email : rghn@lmcst.ac.in

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
INAUGURATION OF FACULTY DEVELOPMENT PROGRAMME
ON

**" CONTROL SYSTEMS, POWER ELECTRONICS & RENEWABLE
ENERGY SYSTEMS WITH MATLAB"**

Organised by Department of Electrical and Electronics Engineering

PROGRAM SCHEDULE

- 9.15 am- 9.20 am : Prayer song
- 9.20 am - 9.25 am : Welcome Address by Prof. Sreekala Devi K, EEE Dept.
- 9.25 am - 9.30 am : Presidential Address by Prof. P.M. Hormese, Director, LMCST
- 9.30 am -9.40 am : *Lighting the lamp*
- 9.40 am - 9.45 am : Inaugural address by Dr. V. Syam Prakash, Principal, LMCST
- 9.45 am - 9.50 am : Felicitation by Er. Philip John, Secretary, LMCES.
- 9.50 am - 9.55 am : Felicitation by Prof.N.A.Jose, EEE Dept.
- 9.55am - 10.00 am : Felicitation by Ms.Swapna M, HOD, EEE Dept.
- 10.00 am - 10.05 am : Vote of thanks by Ms. Rohini G P, Asst.Professor, EEE Dept.

Venue: Conference Hall

Date: 04/07/2017

Time-9.00 am



LMCST

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(Approved by AICTE and Affiliated to the University of Kerala)
An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853550

2853482

2853546

Fax : 0472 - 2853846

Ref No:.....

Date: 5/6/2017

THE DIRECTOR,
ENERGY MANAGEMENT CENTRE,
SREEKARIYAM, TVM

Sir,

Sub: Sponsorship for Faculty Development Program

The department of Electrical and Electronics Engineering, Lourdes Matha College of Science and Technology, Thiruvananthapuram is organizing a Faculty Development Program on "Control Systems, Power Electronics & Renewable Energy with hands-on training on MATLAB". We hope that the FDP will provide insight into the industrial aspects of these engineering disciplines especially current trends in renewable energy sector among the faculty members of Govt./Aided/Self-financing engineering colleges. Details regarding the objectives and content of the FDP is attached here with.

The estimated amount for the FDP is Rs. 47,500/-. We will be extremely grateful to you if you can allocate a major portion of the fund for the conduct of the same, as we are part of Smart Energy Program of EMC. The budget proposal is attached here with. For any clarifications please free to contact us at any point of time.

Thanking you,

Yours truly,

[Signature]
Principal

PRINCIPAL

LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY

Lourdes Hills, Kuttichal, Trivandrum

Phone: 0472-2853550, 2853482, 2853546

*Applied for sponsorship
but not someone d*



LMCST

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(Approved by AICTE and Affiliated to the University of Kerala)

An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853550

2853682

2853546

Fax : 0472 - 2853846

Ref No:.....

Date: ...5/6/2017

Indian Society for Technical Education (ISTE)

Near Power House Junction,

Viyyur, Thrissur,

Kerala, South India.

PIN - 680 010

Sir,

Sub: Sponsorship for Faculty Development Program

The department of Electrical and Electronics Engineering, Lourdes Matha College of Science and Technology, Thiruvananthapuram is organizing a Faculty Development Program on "Control Systems, Power Electronics & Renewable Energy with hands-on training on MATLAB". We hope that the FDP will provide insight into the industrial aspects of these engineering disciplines especially current trends in renewable energy sector among the faculty members of Govt./Aided/Self-financing engineering colleges. Details regarding the objectives and content of the FDP is attached here with.

The estimated amount for the FDP is Rs. 47,500. We will be extremely grateful to you if you can allocate a major portion of the fund for the conduct of the same, as we are one of the student chapters of ISTE and all our faculty are life members of ISTE. Our institutional code is KE029. The budget proposal is attached here with. For any clarifications please contact us at any point of time.

Thanking you,

Yours truly,



[Signature]
Principal

*Applied for sponsorship
but not sanctioned*

[Signature]
21/7/17



LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(Approved by AICTE and Affiliated to the University of Kerala)
An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853
2853
2853
Fax : 0472 - 2853

Ref No:.....

Date: 5/6/17.

To

THE DIRECTOR,
ANERT
LAW COLLEGE ROAD
VIKAS BHAVAN P O, TVM

Sub: Sponsorship for Faculty Development Program from June 21st to 23rd 2017.

Sir,

The Department of Electrical and Electronics Engineering, Lourdes Matha College of Science and Technology, Thiruvananthapuram is organizing a three-day Faculty Development Program on "Control Systems, Power Electronics & Renewable Energy with hands-on training on MATLAB". We hope that the FDP will provide insight into the industrial aspects of these engineering disciplines especially current trends in renewable energy sector among the faculty members of Govt./Aided/Self-financing engineering colleges.

The estimated amount for the FDP is Rs. 47,500. We will be extremely grateful to you if you can allocate a major portion of the fund for the conduct of the same, as we are part of ANERT Renewable Energy Innovation Forum. The budget for the FDP is attached here with. For any clarifications please contact us at any point of time.

Thanking you,

Yours truly,

*Applied for sponsorship,
but not successful*

[Signature]
27/7/17



[Signature]
Principal
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
KUTTICAL, TRIVANDRUM - 695 574



Faculty Development Program-EEE

TERMS and CONDITIONS :

1. **Batch:** Batch Size shall be minimum of and limited to 60 Students / Per Batch.
2. **Student Faculty Ratio:** There shall be Two Dedicated Faculties for the program Proposal.
3. The above quoted price is valid only for a batch strength of 60 students. The price quoted will vary with the strength.
4. **Taxes :** Tax Extra.
5. **Hardware Kits:** We shall bring the HARDWARE Required for the training. Software required shall be installed during the time of the Course. Kits From the College shall also be used if permitted.

6. Payment Terms: 50 % Advance & 50% After Completion of Classes

Our rates are extremely competitive and we work on the basis of a scientifically precise methodology. Throughout the duration of the VATP, you will have full control with regards to the scope cum premise of the program, and decide if there is any supplementary information needed to be included, within the allowable constraints of time and finances.

We will dedicate one or two specific, certified, instructor for each course that we teach on your premises (Depending upon the Student Strength and Course Content). The instructors are hand-picked and are selected after a rigorous testing procedure. They are approachable and their knowledge is backed by years of hands-on experience in the field.

For the training proposal we have prepared for you, we have assumed that:

The College will provide one main point of contact through which all feedback and communication will flow. We will refer to this point of contact as the 'Program Nominee'.

The College will, for the duration of the selected course, provide on its premises, suitable laboratory and classroom facilities where successful and efficient training programs can be conducted. The services of a lab assistant may be required.

We think our experience, vision, and personal interests lend themselves in accomplishing your educational, technical, and institutional goals. We appreciate your business and I am looking forward to working with you. Please let me know if you have any further queries

Thanks!

Best regards,

Sudalai . V
Manager
Mobile: 9895393393
E-mail: sudalai.v@pantechmail.com

Faculty Development Program-EEE

Submitted: March 11, 2017
Email: sudalai.v@pantechmail.com
Our Reference No : PS1110317

Dear Sir / Madam ,

Sub: Offer for Faculty Development Program (FDP) In EEE Domain

Thanks for your interest in engaging Pantech ProEd Pvt Ltd! In pursuant to our discussions, we have prepared the following detailed proposal for your review and kind consideration. Given our experience and specific expertise in technical training for college students, we are confident that we can work with you to achieve your aims and goals.

Pantech Provides Technical assistance to Students of all departments in the field of VLSI ,Embedded, Power Electronics, DSP / DIP , JavaFx, Android, Cloud Computing, Mobile Computing, Web Technologies and much more technologies . Our offerings would help enhance the student knowledge in the appropriate field, thus making them more employable and adapt themselves to the current market scenario.

We wish to conduct the **FDP** for the staffs belonging to EEE branch in your college campus, at a nominal fee rate..

Importance of the FDP Proposal:

- Covers essential aspects of technology as per latest Industry Standards.
- It updates the engineers with recent trends.
- It provides a platform to bring experts from Industry and academic institutions.

Pantech ProEd Advantages:

- Course Completion by Industry Experienced Engineers.
- Advanced technologies, with hands on training.

FDP - OFFER

DOMAIN	PRICING/PARTICIPANT
POWER-MATLAB	Rs. 250 / DAY (without food,tea & snacks) (food & snacks will be provided by college)

Duration: 7 HRS per day

Dear Sir / Madam,

Greetings From Pantech ProEd Pvt Ltd,Cochin.

First of all

s

orry for delay responses from Our side.

we can confirm the FDP date june 21st to june 23rd (3 Days).This date is convenient for us.

And the remuneration as 12500/day is ok

Should you have any clarifications , Please feel free to call me.

Pantech Facebook Page Do Like This....

Thanks and Regards,

V.SUDALAI

Ph : +91 - 98 95 393 393

Email Id : sudalai.v@pantechmail.com

Click the link below for route map

Pantech ProEd Pvt Ltd

No: 44/1146, B1,B2-First Floor, SAS Building,
Opp to Kaloor Post Office, Kaloor,
Ernakulam, Kerala 682017.

Tel : 0484 2536270

Ph : 9895 393 393

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Participation

This is to certify that Ms. Revathy Sasidharan of Lourdes Matha College of Science and Technology has participated in the Faculty Development Programme on "**Control Systems, Power Electronics and Renewable Energy Systems with MATLAB**" organized in association with Pantech ProEd by the Department of Electrical and Electronics Engineering held at Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram on 4th, 5th and 6th July 2017.



Prof. Sreekala Devi K. / Prof. Rohini G.P.

Coordinators



Prof. Swapna M.

Convener



Dr. V. Syam Prakash

Principal

**FACULTY DEVELOPMENT PROGRAMME ON
CONTROL SYSTEMS POWER ELECTRONICS AND RENEWABLE ENERGY SYSTEMS WITH MATLAB™
SIGNATURE SHEET**

Sr. No.	Name of participant	Day 1	Day 2	Day 3
1.	Nisha B. Kumar			
2.	Dimakandas CN			
3.	Ms. Bindu MV			
4.	Ms. Swapnam			
5.	Steekala Davi K			
6.	Revathy Sasiidharan			
7.	Renuv			
8.	Rohini G. P.			
9.	Jean Dickson			
10.	Cibanal B. Babu			
11.	Jiffin Das			
12.	Arya Vijayan			
13.	Snehas R C			
14.	Priyanka C.P			
15.	Ashima C.R			
16.	Jinju Joy			
17.	Sajitha P.			
18.	Gray Mary Sebastian.			



	Completed	Completed	Completed	Completed	Completed	Completed
19	Mr. Gayathri Devi K S	CA	CA	CA	CA	CA
20	Mr. Cyril J. Nerayath	CA	CA	CA	CA	CA
21	Mr. Madhesu M.G.	CA	CA	CA	CA	CA
22	Mr. Suresh Kumar K	CA	CA	CA	CA	CA
23	Mr. Mody Thomas	CA	CA	CA	CA	CA
24	Mr. Nakul N	CA	CA	CA	CA	CA
25	Ashitha M	CA	CA	CA	CA	CA
26	Arshana D S	CA	CA	CA	CA	CA
27	Abeed John	CA	CA	CA	CA	CA
28	Amru Anna Mathew	CA	CA	CA	CA	CA

Revis

Robini G.P.
Co-ordinator

Sign

TECHNICAL
 COLLEGE OF DISTANCE EDUCATION OF
 KERALA UNIVERSITY
 P.O. Box 110, Kottayam C.O.,
 Thrissur - 686 011 Dist. 685 314

No. of faculty attended: 21
 No. of technical staff: 5
 No. of students: 2.

**LIST OF INTERNAL PARTICIPANTS FOR FACULTY DEVELOPMENT PROGRAMME ON
"CONTROL SYSTEMS, POWER ELECTRONICS AND RENEWABLE ENERGY SYSTEMS WITH MATLAB"**

Sl.No	Name of participant	Department	Ph.No	E-Mail id	Signature
1	Dinakardas C.N.	FCE	9446840080	dinakardas@gmail.com	
2	Ms.Bindu M V	MECH	9095518607	bindu.mv@lmest.ac.in	
3	Ms.Resmi V Prasad	MECH	9495865437	resmi.v.prasad@gmail.com	
4	Ms. Swapna M	EEE	9447965573	swapna.m@lmest.ac.in	
5	Sreekala Devi K.	EEE	9495419088	sreekaladevi.k@lmest.ac.in	
6	Revathy Sasidharan	EEE	9895909537	revathy.sasidharan@lmest.ac.in	
7	Renu V	EEE	9447571240	renu.v@lmest.ac.in	
8	Rohini G P	EEE	9633836043	rohini.gp@lmest.ac.in	
9	Jean Dickson	EEE	9497771727	jean.dickson@lmest.ac.in	
10	Cibumol B Babu	EEE	9446494938	cibumol.babu@lmest.ac.in	
11	Jiflin Das	EEE	9447888388	jiflin.das@lmest.ac.in	
12	Arya Vijayan	EEE	9496337717	arya.vijayan@lmest.ac.in	
13	Sreedevi R C	EEE	9746571974	resreedevi@lmest.ac.in	
14	Priyanka C P	EEE	9400940256	priyanka.cp@lmest.ac.in	
15	Ashima C R	EEE	9895240130	ashimacr@lmest.ac.in	
16	Jimju Joy	EEE	9496068453	jinjujoy1@gmail.com	
17	Sajitha P	EEE	9497785284	sajitharajendran@gmail.com	
18	Cincy Mary Sebastian	EEE	8848173802	junocincy@gmail.com	
19	Ms.Gayathri Devi K S	EEE		gayathridevikk@gmail.com	
20	Mr.Cyrl J.Nerayath	EEE	9995559538	cyrilnerayath@gmail.com	
21	Mr.Mahesh M.G.	EEE	9626880097	mahesh.pmd@gmail.com	

The Department of Computer Science and Engineering, LMCST, organized a three day Faculty Development Programme from 06.06.17 to 08.06.17 on "Document Preparation using LaTeX and Data Analysis using Open Source Statistical Package using R" in association with Computer Society of India(CSI) and Indian Society for Technical Education(ISTE) for Faculty Members and Research Scholars.



ABOUT THE INSTITUTION

Lourdes Matha College of Science and Technology established in 1967, is a premier institution affiliated to the University of Madras and Sri Abdul Kalam Technological University. The institute offers undergraduate and five post graduate programmes in Engineering Technology including MBA. The institute is ISO 9001 certified for its quality education and has active IEEE, ISTI, etc., chapters.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Department of Computer Science and Engineering was established in the year of 2002. The department imparts quality education in the field of Computer Science, keeping in mind the needs of the dynamic, innovative and highly global market of the present era. The department offers M.Tech with specialization in Computer Science and Engineering since 2012.

OBJECTIVES OF THE COURSE :

- Faculty, Researchers and students often need to write technical documents. LaTeX is a software having structured files for creating high quality document preparation.
- The objectives of the course are:
- To understand LaTeX, a document preparation system for high quality typesetting.
- To understand features of LaTeX.
- To learn the system to become user of LaTeX.

R is free and open source programming language. It is a software environment for statistical computing and graphics. It incorporates all of the standard statistical tests, models and analyses, as well as providing a comprehensive language for managing and manipulating data.

- To familiarize the R environment.
- To provide the participants exposure to open source statistical package "R" for their research and data analysis work.

COURSE CONTENT :

The FDP will focus on the following topics :

- Introduction to LaTeX.
- Inclusion of figures and tables
- Mathematical equation editing
- Preparation of bibliography.
- Preparation of reports, journal, conference papers.
- Introduction to R.
- Case Analyses.
- Individual Exercises

PARTICIPANTS

Faculty members from AICTE approved Engineering colleges.

REGISTRATION FEES

A maximum of 30 participants are permissible on first-come-first served basis.

The registration fee is Rs. 750/- for faculty and shall be paid through demand draft drawn in favour of "Lourdes Matha College of Science and Technology" payable at Thiruvananthapuram.

RESOURCE PERSONS

Faculty team consists of eminent academics and industry experts.

IMPORTANT DATES :

- Last date of application : 24-05-2017
- Intimation of selection : 26-05-2017

ADDRESS FOR COMMUNICATION :

Prof. Archana Jais, Prof. Archana Jais,
Associate Professor, Associate Professor,
Department of CSE, Department of CSE,
LAKSHI LAKSHI
Ph: +91-9643445600 Ph: +91-9640935588
Email: resmatha.jbs@lmc.ac.in Email: archana.jais@lmc.ac.in

VENUE :

Lourdes Matha College of Science & Technology





secretary ISTE Kerala iste.kerala@gmail.com
to me

Dear Madam/Sir

AS PER REQUEST PERMISSION IS GRANTED FOR CONDUCTING FDP PROGRAMME

ISTE Kerala section giving a sum of RS. 20000/- As Sponsored money .If it is done by ISTE chapter of the College.

For getting this money

You should submit the following details

- 1) Brochure of the FDP
- 2) Attendance of participants
- 3) Schedule of the programme
- 4) Original bills of the following
 - a) Printing charge -brochure Banner, study materials etc
 - b) Faculty remuneration including TA
 - c) food and Snacks expenses
 - d) study materials expenses

For getting Rs 20000/- you should submit the total amount of the bills should be more than Rs .40000/- other wise you will be get only 50% of the original bills

ALL BILLS SHOULD BE IN FAVOR OF ISTE AND SIGNED BY PRINCIPAL AND COORDINATOR OF THE PROGRAMME

Submitted For Approval

I am pleased to inform that we, **Department of Computer Science and Engineering** are planning to conduct a three day Faculty Development Program on "**Document Preparation using LaTeX and Data Analysis using R**" in association with **ISTE and CSI** in our institution from 6th June to 8th June 2017. This FDP would be beneficial for our faculties. Participants from other institutions are also invited.

The three day session will be handled by eminent academician from **CEI** and industry experts. The total cost of FDP is Rs 20000/-. The price quoted is inclusive of TA and taxes. Enclosed is the brochure of FDP programme.

Coordinator

Ambily Jane
Asst. Professor
Department of CSE
LMCST

*Please Consider
forwarded to Principal*

Beshiba Wilson
21/6/17
Prof Beshiba Wilson
Head, Dept of CSE
LMCST



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY,
KUTTICAL

Faculty Development Programme

On

“Document Preparation Using Latex

and

Data Analysis Using Open Source Statistical Package R”

(6th June to 8th June 2017)

in association with ISTE and CSI

INAUGURATION

Venue: **Conference Hall**

Date & Time: 6th June 2017 9:00 am

PROGRAMME SCHEDULE

Prayer Song	: Prof. Divya Christopher (Asst. Prof., Dept. Of CSE)
Welcome Speech	: Prof. Beshiba Wilson (HOD, Dept. Of CSE)
Address By	: Prof. P.M. Hormese (Director, LMCST) : Dr. V. Syam Prakash (Principal, LMCST)
Vote of Thanks	: Prof. Renetha J.B.

All are cordially invited

Three Day FDP on "Document Preparation using LaTeX and Data Analysis using "R"

06.06.2017 to 08.06.17

Budget

Sl No	Expenditure	Amount
1	Resource Person 1 (2 days)	10,000
2	Resource Person 2	8,000
3	Tea for 40 participants for 3 days(24*3 for 40 participants)	2780
5	Banner	600

Total Expense=Rs.21,380

Staff Coordinator

Ambily Jane

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Participation

This is to certify that Ms. Christy Jojoy of Lourdes Matha College of Science Technology has participated in the Faculty Development Programme on "Documentation Preparation using LaTeX and Data Analysis using Open Source Statistical Package" organized in association with ISTE and CSI by Department of Computer Science Engineering held at Lourdes Matha College of Science and Technology, Kuttichal Thiruvananthapuram on 6th, 7th and 9th June 2017.



Prof. Renetha J.B. / Prof. Ambily Jane

Coordinator



Prof. Beshiba Wilson

Convener



Dr. V. Syam Prasad

Principal

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Appreciation

This is to certify that Ms. Ambily Jane of Lourdes Matha College of Science and Technology has coordinated the Faculty Development Programme on "Document Preparation using LaTeX and Data Analysis using Open Source Statistical Package 'R' " organized in association with ISTE and CSI by Department of Computer Science and Engineering held at Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram on 6th, 7th and 9th June 2017.



Prof. Beshiba Wilson

Convener



Dr. V. Syam Prakash

Principal

Three Day FDP on "Document Preparation using LaTeX and Data Analysis using "R"

06.06.2017 to 08.06.17

Budget

Sl No	Expenditure	Amount
1	Resource Person 1 (2 days)	10,000
2	Resource Person 2	8,000
3	Tea for 40 participants for 3 days(24*3 for 40 participants)	2780
5	Banner	600

Total Expense=Rs.21,380

Advance Received = Rs.20,000

Total expense for the FDP is Rs 21380. And the advance received is 20,000. So I request you to grant the extra amount of Rs 1380.

Thanking you

Staff Coordinator

Ambily Jane
Ambily Jane

*forwarded to
Principal
Kindly do the needful
for reimbursement*

[Signature]
20/6/17
(HOD, CSE)

[Signature]
25/6/17

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

LOURDES HILLS, KUTTICAL, THIRUVANANTHAPURAM - 695 574. PH : 2853546

CASH / BANK VOUCHER

No.

Date 8/6/17

Head of Account

Pay to Mr./Mrs./Ms. Dr. J. Jayasankar

the sum of Rs. 8000/- (Rupees Eight thousand Rupees
only) by CASH/CHEQUE No.

dated drawn on

towards F.P. (CSE) - Document Preparation Unit. Letero & Data
Analysis Using Statistical Package R.

Prepared by

Approved by

Signature



[Handwritten signature]

Treasurer

Director

Secretary

Staff Coordinator

[Handwritten signature]

Amount paid by
Anubhava June
Anubhava

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

LOURDES HILLS, KUTTICAL, THIRUVANANTHAPURAM - 695 574. PH : 2853546

CASH / BANK VOUCHER

Date 7/6/17

No.

Head of Account

Pay to Mr. / Mrs. / Ms. Dr. D. Bijulal

the sum of Rs. 10,000/- (Rupees Ten thousand only)

.....) by CASH / CHEQUE No.

dated drawn on

towards FDP CSE (Document preparation using h n TEX)

Prepared by

Approved by

[Signature]

Signature



Treasurer

Director

Secretary

Staff Coordinator

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

LOURDES HILLS, KUTTICAL, THIRUVANANTHAPURAM - 695 574. PH : 2853546

CASH / BANK VOUCHER

No 1268

Head of Account

Latex and Data analysis Date 20.6.17
ROP on Admins class R&D

Pay to Mr. / Mrs. / M/s

Ambily Jane

the sum of Rs

1300/-

(Rupees

One thousand three

hundred & eighty only)

by CASH / CHEQUE No.

dated

drawn on

towards

Balance amount of the conduct of ROP

Prepared by

for 6th June to 8th June 2017

Approved by

Heena

Signature

Ambily

Treasurer

Director

Secretary

www.bajdigitalpalace.com



Amount Paid by
 Smilily Jane
 Smilily

DIGITAL COLOUR PRINTING | DIGITAL FLEX PRINTING | DIGITAL RESET PRINTING

Ground Floor, Cactus Bank, East Banglow, Neelamangal
 Tel : 0479 9809131, Mob: +91 9400049131

No. **WORKORDER**

Date **31-5-17**

File ID: **Laundry Mallig College**

Customer Name: _____ Contact Number: _____

Departure Time and Date: _____ Print Start Time: _____ Print End Time: _____

Sl No	PARTICULARS						SIZE	Copies	TOTAL Est.	Rate	Total
1	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	ONE WAY MESH	6x3	1	18	25	450
2	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	TWO WAY MESH					
3	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	ONE WAY MESH					
4	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	ONE WAY MESH					
5	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	ONE WAY MESH					
6	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	ONE WAY MESH					
7	2 PASS	4 PASS	STAR	BACK LIGHT	VINYL	ONE WAY MESH					

+(150 TA)

(Handwritten scribbles)

600

Grand Total	450	Adv	Balance
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Other Details :

(Handwritten signature)

35 cuts. 9/6/17
 4 plect.
 (Rs. 35)

$$35 \times 4 = \underline{140} \text{/-}$$

Total Amount
2780/-

Amount paid by
 Anshu Jope
Anshu

L.M.C.S.T
 CANTEN

NO. OF...
...
...
...
TOTAL

L.M.C.S.T
 CANTEN

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TOTAL

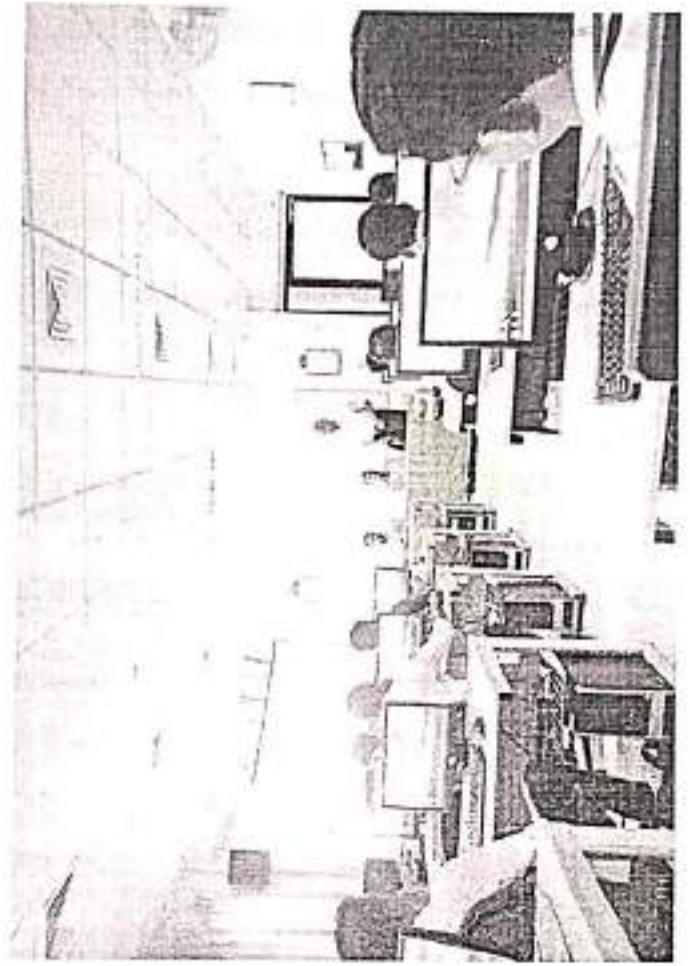
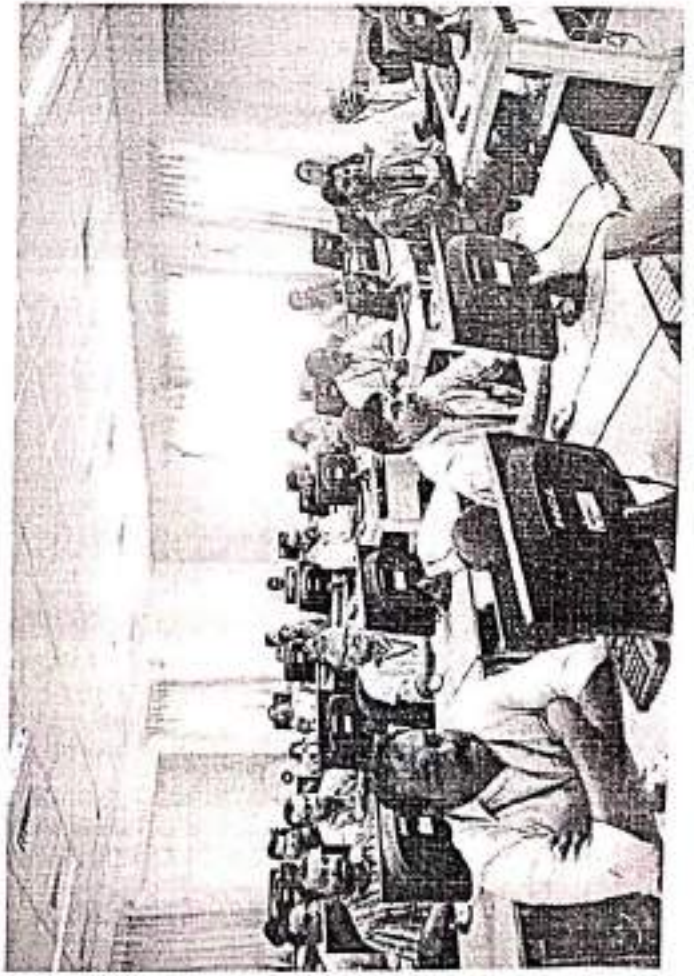
- The department of CSE organized a three day FDP on “Document Preparation Using LaTeX and Data Analysis Using Statistical Package R” in association with ISTE and CSI at LMCST from 6th to 9th June 2017.

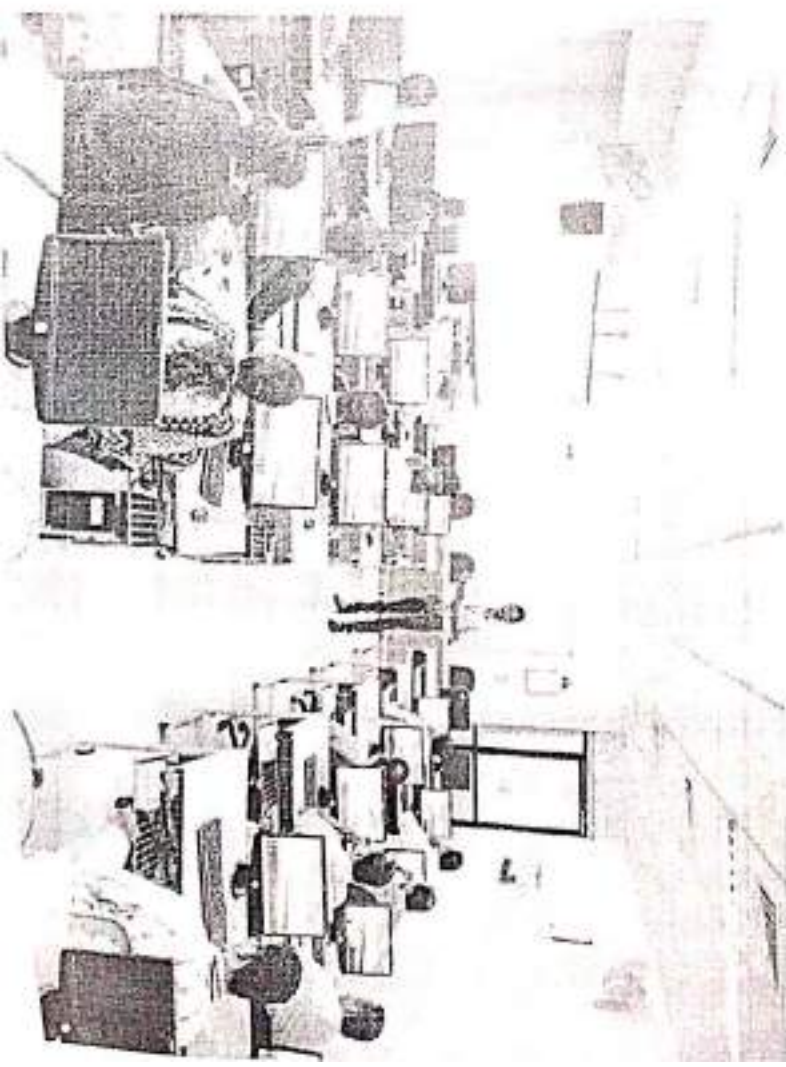
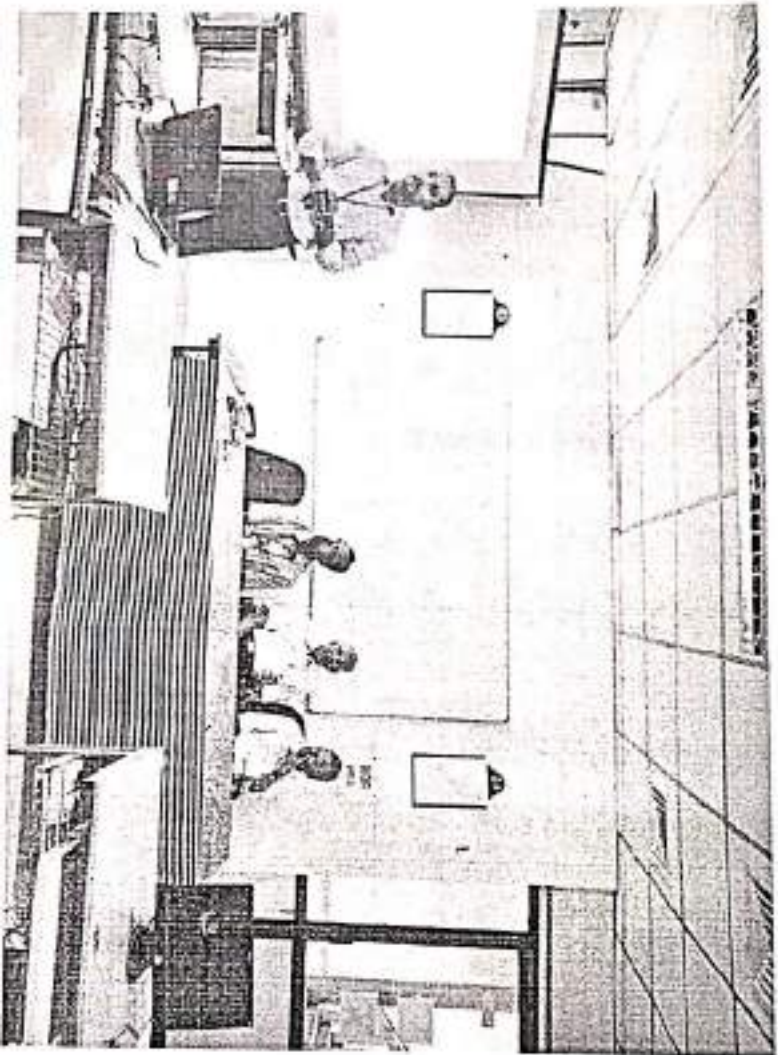


Workshop on 'Fundamentals of
Computer

Date : 07/07/2017

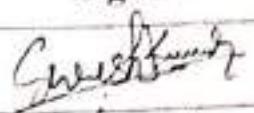
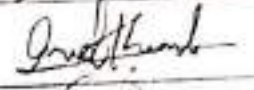


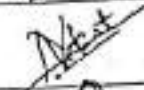


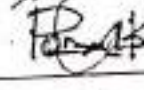
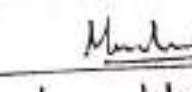
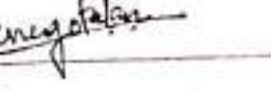
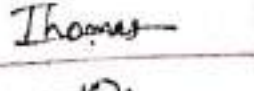

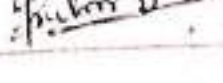
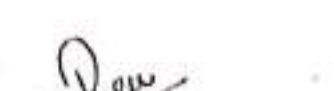
Venue : Lab A





DEPARTMENT OF MECHANICAL ENGINEERING
 LOURDES MATHIA ENGINEERING COLLEGE
 WORKSHOP ON FUNDAMENTALS OF COMPUTER

Attendance on 7/7/2017

	Name of Faculty		Signature
1)	Mr. Suresh Kumar K	(EEE)	
2)	Mr. Mody Thomas	(EEE)	
3)	Mr. Nakul N	(EEE)	
4)	Mr. Rajeev S V	(EEE)	
5)	Ms. Dhanya S S	(ECE)	
6)	Mr. N Robert A Varghese	(ECE)	
7)	Ms. Meera M R	(ECE)	
8)	Mr. Sreekumaran B	(ME)	
9)	Mr. Ponnuni K	(ME)	
10)	Mr. Mathukutty A V	(ME)	
11)	Mr. D Venugopalan	(ME)	
12)	Mr. Thomas R	(ME)	
13)	Mr. Jose George	(ME)	
14)	Mr. Sailendrakumar M L	(ME)	


 Signature of Coordinator


 Signature of HOD



Lourdes Matha College of Science & Technology
Lourdes Hills, Kuttikal, Thiruvananthapuram, Kerala - 695 574

REGISTRATION FORM

Short Term Training Programme On
Application Programming for Mobile Devices

Name : Mr/Ms _____
Designation : _____
Department : _____
Institution : _____
Gender : Male / Female
Date of Birth & Age : _____
Educational Qualification : _____
Mobile No. : _____
Email : _____
Accommodation Needed : Yes / No
Food preferred : Veg / Non-Veg
Place : _____
Date : _____

Signature

SPONSORSHIP

Mr. /Ms. /Dr. _____ is an employee of our institution and is hereby sponsored for attending the Short Term Training Programme On "Application Programming for Mobile Devices" from 11.07.17 to 13.07.17 Lourdes Matha College of Science and Technology. He/She will be permitted to attend the course, if selected.

Place :
Date :

Signature of the Sponsoring authority with seal

ORGANISING COMMITTEE:

Patron:

Prof.P.M.Hormese
Director

Chairman:

Dr. V. Syam Prakash
Principal

Convener:

Prof. Neethu Mohan
Head of the Department
Department of Computer Applications

Coordinator:

Prof.Sherin Joseph
Asst.Professor
Department of Computer Applications

Prof.Krishna L.
Adhoc Faculty
Department of Computer Applications



Short Term Training Programme
on
Application Programming for Mobile Devices

11th to 13th July 2017

Certified By

QUEST
INNOVATIVE SOLUTIONS

Organized by
Department of Computer Applications



**LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY**

(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kuttikal

Thiruvananthapuram, Kerala - 695 574

Phone : 0472-2653546, 2653682, 2653546

Website : www.lmest.ac.in

ABOUT THE INSTITUTION

Loardes Matha College of Science and Technology established in the year 2002, is a premier institution affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The College Offers undergraduate programs in five major streams and five post graduate courses.

DEPARTMENT OF COMPUTER APPLICATIONS

Department of Computer Applications was established in the year of 2005. The department is committed to develop quality IT professionals by providing concept oriented subject knowledge through high quality teaching supplemented with practical knowledge and skills.

OBJECTIVES OF THE COURSE :

- Course focuses on the prescribed syllabus of both KTU and Kerala University.
- Android is known to be one of the most versatile and most used operating systems
- You can make your own app easily and show your true potential to the world of people and android.



COURSE CONTENT :

- Introduction to Android
- Android Development Tools
- Android App Publishing
- Android Installation
- Introduction to Eclipse and Android Studio
- Begin Android Programming
- Android SQLite Database
- Develop an android application with an interactive UI

Participants

Faculty/Students from AICTE approved Institutes

Registration

A maximum of 30 participants are permissible to attend the training on a first come first serve basis

How to apply

- Scanned copy of the duly filled registration form in the prescribed format should be send to the coordinators.

Registration Fees

Staff fee paid through DD drawn in favour of Loardes Matha College of science and technology, Payable at Thiruvananthapuram
Faculty Members: Rs. 750/-
Students: Rs. 400/-

Resource Person:

Faculty From Quest Innovative Solutions

IMPORTANT DATES :

- Last date for Submission of registration form : 30/06/2017
- Intimation of Selection : 04/07/2017

Address for Communication:

Prof.Sherin Joseph
Ass.Professor
Department of computer Applications
Mob:9495627025
e-mail: sberin.joseph@imest.ac.in

Prof.Krishna L
Adhoc Faculty
Department of computer Applications
Mob:9895579297
e-mail: krishna.l@imest.ac.in

Venue:

Loardes Matha College of Science and Technology
Kuttichal,TVM

Note: Transportation facility will be provided





Short Term Training Programme

on

Application Programming for Mobile Devices

11th to 13th July 2017

Certified By

QUEST
INNOVATIVE SOLUTIONS

Organized by
Department of Computer Applications



**LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY**

(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kuttichal,
Thiruvananthapuram, Kerala - 695 574

Phone : 0472-2853550, 2853682, 2853546

Website : www.lmest.ac.in

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS

STTP ON "APPLICATION PROGRAMMING FOR MOBILE DEVICES"

INAUGURATION PROGRAMME SCHEDULE

Date:11-07-2017

Time:9.15 AM

Venue: LOMAA HALL

- Prayer
- Welcome speech –Prof.Neethu Mohan (HOD, Department of Computer Applications)
- Presidential Address – Prof.P.M Hormese (Director, LMCST)
- Inaugural Address- Dr.V. Syam Prakash (Principal, LMCST)
- Felicitation – Er. Philip John (Secretary, LMCES)
- Vote of thanks- Prof.Sherin Joseph (Department of Computer Applications)

CO-ORDINATORS

Prof.Sherin Joseph

Prof.Krishna L

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
STTP ON "APPLICATION PROGRAMMING FOR MOBILE DEVICES"

3 Day Agenda

Day 1:11-07-2017

9.00 am	Inauguration by Principal,LMCST
9.30 am to 12.45 am	Session 1: Introduction to Communication technologies. Session 2: Introduction To Android
1.30 pm to 3.45 pm	Session 3: Android Design Principles and Android Development Tools Session 4: Android Application Building Blocks – A Complete Overview

Day 2:12-07-2017

9.30 am to 12.45 am	Session 1: Android App Publishing and Android Installation Session 2: Java Essentials and Begin Android Programming
1.30 pm to 3.45 pm	Session 3: Android Application Structure ,Android App Testing And Debugging[Basics] Session 4: Android UI Designing [Basics] and Android Widgets

Day 3:13-07-2017

9.30 am to 12.45 am	Session 1: Android Intents Session 2: Android SQLite Database
1.30 pm to 3.45 pm	Develop an android application with an interactive UI which can show us random interesting facts by tap of a button. It will introduce us to the tools we use and we learned.

Note:

11.00 am to 11.15 am	Tea Break
12.45 pm to 1.30 pm	Lunch Break
2.30 pm to 2.45 pm	Tea Break

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SIGNATURE SHEET-11-07-2017

SL.NO	NAME	INSTITUTE	DEPARTMENT	SIGNATURE	
				FN	AN
1	Nidhin A.S	Govt.Eng.College,Thrissur	MCA	<i>[Signature]</i>	<i>[Signature]</i>
2	Arya J.S	MIIT,Chadayamangalam	MCA	<i>[Signature]</i>	<i>[Signature]</i>
3	Linta Jacob	MIIT,Chadayamangalam	MCA	<i>[Signature]</i>	<i>[Signature]</i>
4	Rekha M Pillai	MCET,Anad	MCA	<i>[Signature]</i>	<i>[Signature]</i>
5	Jeeja G.S	MCET,Anad	MCA	<i>[Signature]</i>	<i>[Signature]</i>
6	Neethu Mohan	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
7	Selma Joseph A	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
8	Anjana J	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
9	Justin G Russel	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
10	Bismi K Charleys	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
11	Priya S.A	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
12	Sherin Joseph	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
13	Krishna L	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
14	Asha Chandran S	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
15	Ramya Krishnan S	LMCST,Kuttichal	MCA	<i>[Signature]</i>	<i>[Signature]</i>
16	Renetha J B	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
17	Priya Sekhar S	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
18	Chithra A S	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
19	Asha A S	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
20	Nisha O S	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
21	Sonia George	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
22	Smitha J C	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
23	Sheeja Beevi S	LMCST,Kuttichal	CSE		
24	Neethu M S	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
25	Neeethu Mohan	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
26	Preethi W	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
27	Sumi Maria Abraham	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>
28	Asha S	LMCST,Kuttichal	CSE	<i>[Signature]</i>	<i>[Signature]</i>

29. Ashika S.S LMCST, Kuttichal CSE *[Signature]* *[Signature]*

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SIGNATURE SHEET-12-07-2017

SL.NO	NAME	INSTITUTE	DEPARTMENT	SIGNATURE	
				FN	AN
1	Nidhin A.S	Govt.Eng.College,Thrissur	MCA		
2	Arya J.S	MIIT,Chadayamangalam	MCA		
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26	Sumi Maria Abraham	LMCST,Kuttichal	CSE		
27	Asha S	LMCST,Kuttichal	CSE		
28	Ashitha A.S	LMCST,Kuttichal	CSE		

Neethu →

29 Shreya Beevis. LMCST, Kuttichal CSE

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
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SIGNATURE SHEET-13-07-2017

SL.NO	NAME	INSTITUTE	DEPARTMENT	SIGNATURE	
				FN	AN
1	Nidhin A.S	Govt.Eng.College,Thrissur	MCA		
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26	Sumi Maria Abraham	LMCST,Kuttichal	CSE		
27	Asha S	LMCST,Kuttichal	CSE		
28	Ashitha S.S	LMCST,Kuttichal	CSE		

The Department of Computer Applications organized a Short Term Training Programme from 11th July to 13th July 2017 on "Application Programming for Mobile Devices" in association with Computer Society of India (CSI) and Indian Society for Technical Education (ISTE) for Faculty Members and Students.



TWO WEEK AICTE APPROVED FDP ON

PEDAGOGY FOR ONLINE AND BLENDED TEACHING-LEARNING PROCESS

14.09.2017 TO 12.10.2017

CONDUCTED BY IIT BOMBAY AT

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY (REMOTE CENTER)

In association with IIT Bombay, LMCST has conducted an FDP on “Use of ICT (Information and Communication Technologies) in Education for Online and Blended Learning” to enhance the quality of education and effectively use ICT (Information and communication technology) in education. The Course commenced on 3rd Aug 2017. There were face-to-face interaction sessions on 16th & 17th Sep and 7th & 8th Oct 2017.

Who Should Attend

Participants who have successfully completed the FDP101x are eligible to attend this FDP.

Duration and Venue

This Two week FDP consists of three components as follows:

1. Online work by individual participants: Each participant is expected to access the online platform, using a PC at home or office, on any convenient day and time during the week, with an online test every week. Each participant has to spend 6 to 8 hours of efforts per week during this component of the FDP. This is equivalent to one day of work in a regular FDP. This activity will be spread over 5 calendar weeks: From Thursday 14 September 2017 to Thursday 12 October 2017.

2. Face-to-Face interaction: Participants will have to physically attend these sessions at their chosen or designated Remote Centres (RCs), established across the country by IIT Bombay. Focused interactive sessions with the participating teachers, will be conducted by the faculty from IIT Bombay. The discussions and local tutorial sessions will be moderated by the Workshop Coordinators appointed at each RC. This activity will be conducted on the weekends of: 16 & 17 September 2017 and 7, 8 October 2017.

3. Team Assignment: Teams of 3 to 5 members will be formed from amongst the participants at each RC. Each team is required to create and review the assignment, and submit the same online. Here again, each participant has to spend adequate effort, albeit in a coordinated manner with other members of the team.

Teaching Faculty

Prof. Sridhar Iyer, IDP in ET, IIT Bombay
Prof. Sahana Murthy, IDP in ET, IIT Bombay
Mr. Jayakrishnan M, IDP in ET, IIT Bombay
Dr. Sameer Sahasrabudhe, Dept of CSE, IIT Bombay
Prof. Deepak B. Phatak, Dept. of CSE, IIT Bombay

Course Fee

Funding support from Ministry of Human Resource Development (MHRD) permits us to offer the FDP without any course fees. Participants have to take care of their expenses for travel/food during the A-VIEW interaction at Remote Centres.

Additional benefits

It has been decided that 250 top performing participants, will be identified based on the assessment criteria of both the FDPs. Further, they will also be offered an opportunity to participate as associate faculty (with an appropriate honorarium, of course), for conducting these FDPs in future.

Accommodation: Not Applicable

How to Apply

This FDP will only be limited to those participants who qualify in FDP101x. These participants will be directly enrolled to FDP201x.

The URL to see details is <http://www.iitb.ac.in/nmeict/announcements.html>

Address for communication:

Dr. Kalpana Kannan
Sr. Project Manager,
Department of CSE, Kanwal Rekhi Building,
Indian Institute of Technology Bombay,
Mumbai - 400 076.
Tel.: +91-22-2576 4989
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Email: ecoutreach@iitb.ac.in

Two-Week AICTE approved FDP

Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMNMTT)

on

"Pedagogy for Online and Blended Teaching-Learning Process"

(This FDP will be offered in a blended/Hybrid mode)

14 September to 12 October 2017

Conducted by

IIT Bombay



Course Coordinator

Professor Deepak B. Phatak

Department of Computer Science & Engineering

Indian Institute of Technology Bombay

Mumbai - 400076

Introduction (FDP201x)

IIT Bombay has been involved with distance synchronous education, since year 2000. We have trained over 1,36,000 teachers, in partnership with IIT Kharagpur, under the T10KT (Train 10 Thousand Teachers at a time) project sponsored by NMEICT. All training workshops so far, were on specific subjects of Engineering and Science Education, most of which are taught as core courses in our colleges and universities. The participating faculty has benefitted from these programs.

Online educational methodology, and flipped-classrooms with associated pedagogy of active learning, have quickly emerged as the mainstay of effective education in this century. However, most of our teachers lack skills and competencies for proper and effective use of ICT in education. It is thus an urgent national requirement that all our teachers, at least those teaching in our professional colleges, are empowered to use technology effectively, to enhance the quality of education.

To meet this requirement, IIT Bombay has specially designed a Faculty Development Program (FDP) on "Use of ICT in Education for Online and Blended Learning". A pilot implementation of this course was done during May-July, 2016. A total of 2193 participants had successfully completed this workshop and had obtained the certificate. The FDP was a single course then having a longer duration.

Based on the inputs of the participants and course team, this year the course is being offered as a two-part FDP so as to focus on both the Technology and Pedagogy. These FDPs are conducted under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMNMTT). The second course under this FDP, with a focus on pedagogy, is titled "Pedagogy for Online and Blended Teaching-Learning Process" and is designed as a Blended MOOC (Massive Open Online Course) – FDP201x. There will be two weekend face-to-face sessions at the Remote Centres. The course will be offered from 14 September 2017 till 12 October 2017.

The first part of this FDP is scheduled from 03 August to 07 September 2017 and has been explained separately.

Learning Objectives for the Course

After successful completion of the course, participants will be able to:

- i. Integrate active learning in their regular teaching-learning practice
- ii. Create an Open Educational Resource to be used in their classrooms
- iii. Justify the blending of online instruction in their regular teaching-learning practice
- iv. Participate in Collaborative Community involved in Open Education Resource creation and dissemination

Course Content Modules

1. **Effective Blended/Hybrid Education**
 - Using available online resources in regular classroom
 - Pedagogy of Active Learning
 - Think-Pair-Share
 - Peer Instruction
 - Collaborative Problem Solving
 - Flipped Classroom
2. **Online Courses**
 - Designing and Developing a MOOC
 - Conducting a MOOC
 - Effective Use of Discussion Forum
 - Methods of Online Assessment
 - Exposure to various MOOC platforms
3. **Adopting Online/Blended Education in Teaching-Learning Process**
 - Using available autonomy
 - Implementing Flipped Classrooms
 - Recognition of Grades and Credits through MOOCs
 - Factoring in marks of online assessment in regular courses

- Using "Assessment for Learning" while blending instruction
 - Rubrics: Facilitating Local Assessments, Evaluation Reports and Presentations
 - What, why and How of Peer Assessment

4. Building and Nurturing Collaborative Communities

- Open Educational Resources (OERs)
- Lessons from Open Source Community – Evolving Leaders and Mentors
- Creating and using an OER
 - Crowdsourcing methods
 - Quality Assurance
 - Implementing OER in your classroom
- Participation in Sectoral Communities

Criteria for Certification

IIT Bombay will award certificates only to those participants who successfully complete prescribed online tests with minimum 50% aggregate score, meaningfully participate in face-to-face sessions, and submit the team assignment. **AICTE has recognized this as a Two-week FDP.**

Note 1: This FDP is conducted under the T10KT project of IIT Bombay. Live recording of the course and other created content will be released under Open Source, through a portal. All participants are required to sign a No Objection Certificate for such release of content contributed by them during and after the FDP. All contributors will be acknowledged.

Note 2: Since the contents are being released under Creative Commons, participants have to ensure that they provide accurate citations. All the content generated will undergo check for plagiarism and plagiarism detected will lead to cancellation of registration and serious disciplinary actions.

Pedagogy for Online and Blended Teaching-Learning Process

Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, GoI

September 14th, 2017 to December 30th, 2017

S No	Session	Lecture	Click to download
1	Lectures	FDP201x_S1_S001_AVIEW_Interaction_Session_1_20170916.mp4	Download
2	Lectures	FDP201x_S1_S002_AVIEW_Interaction_Session_2_20170916.mp4	Download
3	Lectures	FDP201x_S1_S003_AVIEW_Interaction_Session_3_20170916.mp4	Download
4	Lectures	FDP201x_S1_S004_AVIEW_Interaction_Session_4_20170916.mp4	Download
5	Lectures	FDP201x_S1_S005_AVIEW_Interaction_Session_5_20170917.mp4	Download
6	Lectures	FDP201x_S1_S006_AVIEW_Interaction_Session_6_20170917.mp4	Download
7	Lectures	FDP201x_S1_S007_AVIEW_Interaction_Session_7_20170917.mp4	Download
8	Lectures	FDP201x_S1_S008_AVIEW_Interaction_Session_8_20170917.mp4	Download
9	Lectures	FDP201x_S1_S001_AVIEW_Interaction_Session_1_20171007.mp4	Download
10	Lectures	FDP201x_S1_S002_AVIEW_Interaction_Session_2_20171007.mp4	Download
11	Lectures	FDP201x_S1_S003_AVIEW_Interaction_Session_3_20171007.mp4	Download
12	Lectures	FDP201x_S1_S004_AVIEW_Interaction_Session_4_20171007.mp4	Download
13	Lectures	FDP201x_S1_S005_AVIEW_Interaction_Session_5_20171008.mp4	Download
14	Lectures	FDP201x_S1_S006_AVIEW_Interaction_Session_6_20171008.mp4	Download
15	Lectures	FDP201x_S1_S007_AVIEW_Interaction_Session_7_20171008.mp4	Download
16	Lectures	FDP201x_S1_S008_AVIEW_Interaction_Session_8_20171008.mp4	Download

14/9/2017 -12.10.2017

Pedagogy for Online and Blended Teaching-Learning Process Participant List

1	Bindu M V	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
2	Beshiba Wilson	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
3	Renetha J B.	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
4	Saranya B S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
5	Divya Christopher	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
6	Smitha J C	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
7	Sunu Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
8	Arjana Thampy S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
9	Shasja Beevi S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
10	Alphonse D	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
11	Shammy Arun Mathew K	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
12	Priyanka C P	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
13	Soorya S R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
14	Prajsha J P	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
15	Sarka S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
16	Anupama P L	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
17	Lekshmi J Satheesh	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
18	Sumitha Rani P R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
19	Tanuja Christopher Dcruz	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
20	Indu Rajan	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
21	Jayaram V	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

22	Lakshminarayanan M	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
23	Jean Dickson	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
24	Renu V	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
25	Rehni G. P	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
26	Ammu Anna Mathew	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
27	Priya S A	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
28	Revathy Sasidharan	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
29	Sherin Joseph	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
30	Selma Joseph	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
31	Cbumol B. Babu	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
32	Sreedevi R C	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
33	Arya Vijayan	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
34	Chithra A.S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
35	Priya Sekhar S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
36	Priya P S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
37	Siju K Abraham	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
38	Swapna M	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
39	Jifin Das	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
40	Ram Prasad Tripathy	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
41	Arya P.S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
42	Binu Chacko	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
43	Asika Johny	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
44	Neema Therese	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

45	Akhil S Augustine	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
46	Asha Chandran S	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
47	Krishna L	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	Yes
48	Tony Jacob	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
49	Preethi W	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
50	Sumi Maria Abraham	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
51	Liya A Ashraf	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
52	Asha S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
53	Hantha Simon	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
54	Anuvinda S M	Trinity College of Engineering, Thiruvananthapuram	Yes
55	Ranjit Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
56	Yamuna M Nair	Trinity College of Engineering, Thiruvananthapuram	Yes
57	Vidya R	Trinity College of Engineering, Thiruvananthapuram	Yes
58	Linimol Ansalam.A.V	Trinity College of Engineering, Thiruvananthapuram	Yes
59	Gayathri Rema Narayan	Trinity College of Engineering, Thiruvananthapuram	Yes
60	Madhav S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
61	Debarati Ganguly	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
62	Divya Subhash	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
63	Veena V.U	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
64	Anju Anil J	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
65	Mithra Elsa Thomas	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
66	Cincy Mary Sebastian	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes
67	Jinju Joy	Lourdes Matha College of Science and Technology, Thiruvananthapuram	Yes

68	Krishna Prasanth K	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
69	Daniel C. Ribu	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
70	Resmi V. Prasad	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
71	Asha A.S	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	No
72	Dinakardas C.N	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
73	Lekshmy Surendran	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
74	Retnakumari Amma K	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
75	Adarsh S.J	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
76	Sajith Krishnan R	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
77	Indu Ravikumar	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
78	Mohan S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
79	Shama M.S	Trinity College of Engineering, Thiruvananthapuram	No
80	Sreelekshmi R.C	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
81	Raji S	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No
82	Lekshmi Shyam	Lourdes Matha College of Science and Technology, Thiruvananthapuram	No

As a part of the remote centre visit, Prof. Jayakrishnan of IIT Bombay visited our campus and interacted with the faculty members on 9th Oct 2017



TWO-DAY WEEKEND TRAINING PROGRAMME
Saptahaant Shikshak Prashikshan (SSP)
 on
Introduction to Machine Learning

16th December, 2017 to 17th December, 2017

List of selected participants

(To see the list of participants at a specific Remote Centre, select it from the drop down menu below)

Search By Remote Centre Lourdes Matha College of Science & Technology - Trivandrum(RCID-1094)
 ;

Total Participants : (19) **Under process Participants** : (0) **Confirmed Participants** : (19) **Waitlisted Participants** : (0) **Cancelled Participants** : (0)

Under process: Your online application has been received. Your eligibility and permission letter are under scrutiny.

Cancelled: You are not meeting the required criteria OR you have intimated to us that you are unable to attend the workshop.

Waitlisted: Unavailability of seats in the remote centre you have chosen.

Confirmed: You have been confirmed for participation in the workshop.

Please login to moodle within 48 hours of confirmation. 🌟

Sl No	Name	Designation	Institute name	Remote Centre ID	Remote Centre Name	RC State	RC City	Status
1	Renetha J B	Associate Professor	Lourdes Matha College of Science and Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Thiruvananthapuram	Confirmed
2	CIBUMOL B. BABU	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
3	Smitha J C	Assistant Professor	Lourdes Matha College of Science and Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Thiruvananthapuram	Confirmed
4	ASHIMA C R	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
5	AMMU ANNA MATHEW	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
6	Priya Sekhar S	Associate Professor	Lourdes Matha College of Science & Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Thiruvananthapuram	Confirmed
7	ASHITHA S S	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
8	Nisha O S	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
9	Asha A S	Associate Professor	LOURDES MATHA COLLEGE OF SCIENCE AND	1094	Lourdes Matha College of Science & Technology -	Kerala	TRIVANDRUM	Confirmed

<u>Sl No</u>	<u>Name</u>	<u>Designation</u>	<u>Institute name</u>	<u>Remote Centre ID</u>	<u>Remote Centre Name</u>	<u>RC State</u>	<u>RC City</u>	<u>Status</u>
			TECHNOLOGY		Trivandrum			
10	Ambily Jane	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
11	MANJU M S	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	THIRUVANANTHIAPURAM	Confirmed
12	Angeline Reeba V	Assistant Professor	Lourdes Matha College of Science and Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Trivandrum	Confirmed
13	Christy Jojy	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
14	SHEEJA BEEVI	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
15	Ciney Mary Sebastian	Assistant Professor	Lourdes Matha College of Science and Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Trivandrum	Confirmed
16	ATHIRA A P	Assistant Professor	LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	TRIVANDRUM	Confirmed
17	Anjana J	Assistant Professor	Lourdes Matha College of Science and Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Trivandrum	Confirmed
18	Sherin Joseph	Assistant Professor	Lourdes Matha College of Science and Technology	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Trivandrum	Confirmed
19	smidha karunan	Assistant Professor	Government Engineering College Wayanad	1094	Lourdes Matha College of Science & Technology - Trivandrum	Kerala	Thalapuzha	Confirmed

Time Table for TWO-DAY WEEKEND TRAINING PROGRAMME
Saptahaant Shikshak Prashikshan (SSP)
on
Introduction to Machine Learning
16th December to 17th December 2017

Date	Days	Morning			Lunch Break 12.45 PM to 1.45 PM	Afternoon		
December 16, 2017	Saturday	Inauguration 9:00 AM to 9:30 AM	Introduction to the course, Supervised Learning, classification, regression (PG) 9:30 AM to 11:00 AM	Tea break 11:00 AM to 11:15 AM		Supervised Learning: generalization, bias-variance, cross-validation, Unsupervised learning - clustering, dimensionality reduction (PG) 11:15 AM to 12:45 PM	Neural Networks, Algorithms for training - Gradient Descent (GD), Stochastic Gradient Descent (SGD), Back-propagation (PG) 1:45 PM to 3:15 PM	Tea Break 3:15 PM to 3:30 PM
December 17, 2017	Sunday	Probabilistic models: Gaussian Mixture Models (GMM), Hidden Markov Models (HMM), Maximum likelihood (SB) 9:30 AM to 11:00 AM		Tea break 11:00 AM to 11:15 AM	Support Vector Machine (SVM), kernel methods (SB) 11:15 AM to 12:45 PM	Ensemble Methods: Boosting, Bagging, Random Forests (SB) 1:45 PM to 3:15 PM	Quiz 3:30 PM to 4:00 PM	Feedback & Valedictory 4:00 PM to 5:00 PM

(PG: Professor Pawan Goyal, SB: Professor Sourangshu Bhattacharya)

Note: Every Lecture will include 15 Minutes Discussion at the End

To,
Remote Centre Coordinator
Workshop Coordinator

Technical Guidelines

The workshop is about to start.

You are requested to coordinate with your team member and follow the instructions meticulously.

Instructions

1. The inauguration and valediction ceremonies will be held in IIT Kharagpur and will be transmitted as part of the workshop.
2. Please go through the Workshop schedule. Kindly follow the timings as given. Any changes in the schedule will be informed to you through email and will also be updated on Moodle and our website every day. During the workshop days, you must check your emails very frequently (every two hours or so) to receive updated workshop instructions.

The Technical Issues

1. Please note that minimum 2 mbps both upload and download bandwidth should be dedicated and stable.
2. Ask your A-VIEW Coordinator to login by 8:00 AM every day so that before the class starts, all remote centers can settle down. Please instruct your team members on the following so that there will be no wastage of time during the lecture session interactions.
 - i) Click "**Hand raise**" button only when you have question.
 - ii) **ALWAYS** keep your camera on by connecting to AC power.
 - iii) Microphone should be **mute** when the lecture is on. **Switch on** the microphone immediately to ask question.
 - iv) When the teacher selects any remote centre to answer the questions, the camera person should show the entire hall by panning and zooming. Kindly observe these properly so that maximum & efficient interaction can be done.
 - v) Our workshop team or the faculty may at any time ask any remote center to show the participants through video camera whenever workshop is in progress.
 - vi) Your camera must be strategically fitted / positioned to enable viewing of the whole classroom / hall.

- vii) For monitoring attendance and verification of the same with your attendance sheets, your classroom / hall will be viewed through a third window.
- viii) **Screenshots** of your classroom / hall will be taken. For centers with large number of participants, two separate screenshot will be taken for ease of validation.
- ix) Please instruct your A-VIEW coordinator to be alert and ready at all times. We shall speak to him during this procedure.

3. All **lecture sessions** must be viewed by all the participants at the hall which will have A-VIEW facilities. Ask the participants to be in the A-VIEW hall even during Quiz session.

Your corporation is earnestly solicited to make our workshop a success.

With regards,

Technical Team
Project: T10KT
Vikramshila Building
Ground Floor, Kalidas Auditorium
IIT Kharagpur, Kharagpur-721302
Tel: +91 3222 281070/281072

**Time Table for TWO-DAY WEEKEND TRAINING PROGRAMME
Saptahaant Shikshak Prashikshan (SSP)
on
Introduction to Machine Learning
16th December to 17th December 2017**

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(PG : Professor Pawan Goyal , SB: Professor Sourangshu Bhattacharya)

Note: Every Lecture will include 15 Minutes Discussion at the End

**Two-Day Weekend Training Programme Saptahaant Shikshak Prashikshan (SSP) on
Introduction to Machine Learning**

Participant Verification List for Certificate

Remote Center Name :- **LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY**

Workshop Coordinator's Name :- **PROF. BESHIBA WILSON**

Remote Center Coordinator's Name :- **PROF. SONIA GEORGE**

Sl No	RC ID	Participant ID	Participant Name	Institute Name
1	1094	258	RENEATHA .J.B	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
2	1094	287	CIBUMOL B BABU	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
3	1094	538	SMITHA .J.C	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
4	1094	554	ASHIMA .C.R	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
5	1094	556	AMMILANNA MATHCW	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
6	1094	604	PRIYA SEKHA R S	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
7	1094	639	ASHITHA S S	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
8	1094	647	NISHA O S	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
9	1094	650	ASHA A S	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
10	1094	655	AMBIRY JANE	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
11	1094	692	MANJU .M.S	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
12	1094	701	ANGELINE REEBA Y	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
13	1094	765	SHEEJA BEEVI	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
14	1094	774	CINCY MARY SEBASTIAN	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
15	1094	1211	ATHIRA R P	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
16	1094	1470	ANJANA J	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
17	1094	1479	SHERIN JOSEPH	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
18	1094	1768	SMITHA KARUNAN	GOVERNMENT ENGINEERING COLLEGE WAYANAD
19	1094	703	CHRISTY JOJOY	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
20				

Maintain the same sequence of participant ID as in attendance sheet.

SSP on Introduction to Machine Learning

Attendance sheet

RC- ID 1094

Participant's ID	Name of the Participants	16/12/2017 (Day 1)				17/12/2017 (Day 2)			
		Before Tea break 1	Before lunch	After Lunch	After Tea Break	Before Tea break 1	Before Lunch	After Lunch	After Tea Break
258	RENUGHA J.B								
287	CIBUMOL B BABIL								
538	SMITHA J C								
554	ASHIMA C R								
556	AMMUL ANNA MATHEW								
604	PRIYA SEK HAR S								
639	ASHITHA S S								
647	NISHA O S								
650	ASHA A S								
655	AMBILY JANE								
692	MANJUL M S								
701	ANGELINE REEDA V								
765	SHEEJA BEEVI								
774	CINCY MARY SEBASTIAN								
1211	ATHIRA A P								
1470	ANJANA J								
1479	SHERIN JOSEPH								
1768	SMITHA KARUNAN								
703	CHRISTY JOJY								

Signatures:

Workshop Coordinator:

BESHBA WILSON

Remote Centre Coordinator:

SONIA GEORGE

**Two-Day Weekend Training Programme (SSP) on "Introduction to Machine Learning"
Team Member Verification List for Certificate**

Remote Center Name - LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

Sl No	RC ID	Name	Role	Institute Name
1	1094	SONIA GEBRUE	Remote Center Coordinator	LOURDES MATHA COLLEGE OF SCIENCE & TECH
2	1094	PROF. DEBORAH WILSON	Workshop Coordinator	LOURDES MATHA COLLEGE OF SCIENCE & TECH
3	1094	SITHY V	System Administrator	LOURDES MATHA COLLEGE OF SCIENCE & TECH
4	1094	PROF. JUSTIN RUSSELL	A-V/ITW Coordinator	LOURDES MATHA COLLEGE OF SCIENCE & TECH



[Home](#)

TWO-DAY WEEKEND TRAINING PROGRAMME
Saptahaant Shikshak Prashikshan (SSP)
 on
Introduction to Machine Learning
Date: 16th December and 17th December, 2017

* THE LAST DATE OF ONLINE REGISTRATION HAS BEEN EXTENDED TO 13th December, 2017 *

[Time Table](#) | [Enrolled Coordinators](#) | [Enrolled Participants](#) | [Workshop Coordinators](#) | [Centerwise Applicants List](#)

Introduction

An important initiative has been taken by IIT Kharagpur to conduct weekend faculty development programme named 'Saptahaant Shikshak Prashikshan' (SSP) to facilitate up gradation of knowledge and the teaching skills of the faculty colleagues in specialised technical and science subjects. The Saptahaant Shikshak Prashikshan will provide an opportunity to acquire knowledge about current technological developments in relevant fields. It will not only promote the professional practices relevant to technical education but also will motivate the faculty to achieve competitive teaching and learning environment.

There will be no course fee for this SSP. However, the participants will have to bear the local expenditure. Participating teachers will attend live lectures delivered by IIT Kharagpur faculty at the Remote Centres on a Saturday & Sunday. The lecture transmission and live interaction will take place in distance mode using the A VIEW technology. The appointed Workshop Coordinators will handle the technology infrastructure for this two-day weekend training programme on **"Introduction to Machine Learning"** in the area of **Electronics and Computer Science**.

Course Justification

Over the past decade, Machine Learning has been used in many domains and given us practical speech recognition and conversational system, effective web search and many futuristic applications such as self-driving cars. The use of Machine Learning is pervasive in our daily lives. This course introduces the field of machine learning and the important concepts and techniques.

Course Overview

As the name suggests, this is an introductory course for Machine Learning. In this course, you will understand the theoretical as well as practical aspects behind the choice and design of a machine learning framework. The course introduces both supervised and unsupervised machine learning framework, and also covers some architectures widely applied in deep learning. The course also covers some of the best practices in machine learning (e.g., bias-variance, generalization, cross-validation).

Course Objective

Participants pursuing this course should be able to:

1. Identify real world situations where Machine Learning Techniques are suitable / more efficient than other approaches.
2. Formulate the real life problem as an appropriate machine learning problem.
3. Understand the inner workings of existing machine learning techniques.
4. Understand the principles behind designing new machine learning techniques.

Course Modules

1. Introduction
2. Supervised learning: spam filtering, classification, user visit prediction, regression, generalization, bias-variance, cross-validation
3. Probabilistic models, Gaussian Mixture Models (GMM), Hidden Markov Models (HMM), Maximum likelihood.
4. SVM, kernel methods
5. Algorithms for training - Gradient Descent (GD), Stochastic Gradient Descent (SGD)
6. Unsupervised learning - clustering, dimensionality reduction
7. Boosting, Bagging, Random Forests
8. Neural Networks, Backpropagation, RNN, CNN

Date and Venue

Date : The dates for the SSP on **"Introduction to Machine Learning"** are 16.12.2017 (Saturday) and 17.12.2017 (Sunday). The participants must report to the respective remote centres.

Venue: Remote centres located in different parts of the country. The list of participating remote centres is given along with online application form.

Teaching Faculty

Prof. Sourangshu Bhattacharya, Department of Computer Science and Engineering, IIT Kharagpur
email: sourangshu@cse.iitkgp.ernet.in

Prof. Pawan Goyal, Department of Computer Science and Engineering, IIT Kharagpur,
email: pawang@cse.iitkgp.ernet.in

Eligibility

- 1) He / she must be a faculty in the department of Computer Science and Engineering / Information Technology / Electronics Engineering / Electrical Engineering. Persons working in any other engineering disciplines or Science Departments are not eligible.
- 2) B.E. / B. Tech. or equivalent degree holders in the above mentioned disciplines with minimum teaching experience of 2 years and considerable experience in teaching Machine learning or a related area.
- 3) M.E / M.Tech degree holders in the above mentioned disciplines with Specializations in Computer Science Engineering / Electronics Engineering / Electrical Engineering with a minimum teaching experience of 1 years teaching in machine learning or a related area.
- 4) Ph.D degree holders should have a minimum teaching experience of 1 year and research experience or teaching experience in machine learning or a related area.

Who may benefit

The workshop is likely to benefit regular/visiting faculty colleagues who are teaching the subjects of **Machine Learning, Data Analytics as well as Deep Learning in the field Computer Science.**

Note

Please note that live recording of the course and other created contents will be released under Open Source through a portal. The recorded CD/DVD of the course lectures will be available for distribution, at cost, to any individual or institution. All participants are required to sign an undertaking for such release of contents contributed by them during and after the SSP. The recognition and citation will naturally be made for all contributors.

Course Fee

There will be no course fee for this SSP. However, the participants will have to bear the local expenditure at the Remote Centres for providing tea-snacks/lunch and other miscellaneous expenses. For this an amount of Rs. 1000/- (for two days) is to be paid to the Remote Centre Coordinator (as per their guidelines). For Accommodation participants will have to make their own arrangements.

How to Apply

Those wishing to attend this course should register online

Read Instructions for online registration for Participants [Click Here]

Address for Communication:

Admin Team,
Project "T10KT", IIT Kharagpur
Vikramshila Building, Ground floor, Kalidas Auditorium
IIT Kharagpur, Kharagpur-721302

Contact Numbers:

Admin Team : +91 3222-281497
Account Team : +91 3222-281498
Moodle Team : +91 3222-281070
A-View Team : +91 3222-281072
Mobile : +91 8145226903
email: office_nmeict@iitkgp.ac.in

To,
Remote Centre Coordinator
Workshop Coordinator

Technical Guidelines

The workshop is about to start.

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Your corporation is earnestly solicited to make our workshop a success.

With regards,

Technical Team
Project: T10KT
Vikramshila Building
Ground Floor, Kalidas Auditorium
IIT Kharagpur, Kharagpur-721302
Tel: +91 3222 281070/281072



LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(Approved by AICTE and Affiliated to the University of Kerala)
An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853550
2853682
2853546
Fax : 0472 - 2853846

Ref No:.....

Date: 30.11.2017.

The Project Co-ordinator

Project "T10KT", IIT Kharagpur
Vikramshila Building,
Ground floor, Kalidas Auditorium
IIT Kharagpur, Kharagpur - 721302

Permission letter for Two - Day weekend training programme-Saptahaant Shikshak Prashikshan (SSP) on
Introduction to Machine Learning.

This is to certify that the following participants are regular teaching employees of our Institute with one
of the following designation :- (Asst. Professor/Associate Professor).

SL No.	Name	Designation	Department
1	Prof. Sheeja Beevi S	Asst. Professor	Computer Science & Engg
2	Prof. Nisha O S	Asst. Professor	Computer Science & Engg
3	Prof. Smitha J C	Asst. Professor	Computer Science & Engg

The faculty members are allowed to attend the SSP on Introduction to Machine Learning under the National
Mission on Education through ICT (MHRD, Govt. of India) on 16th December and 17th December, 2017 in Lourdes
Matha College of Science and Technology (RC ID 1094).

The Institute has no objection to her participation in the workshop. We would make sure that **no official duties**
will be delegated which may affect her participation, during workshop.

Thank You,


Institute Head's Signature with Stamp/Department Head with Stamp

PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.,
Thiruvananthapuram Dist. 695 574



LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

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An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853550

2853682

2853546

Fax : 0472 - 2853846

LMCST

Ref No:.....

Date: 30.11.2017..

The Project Co-ordinator

Project "T10KT", IIT Kharagpur

Vikramshila Building,

Ground floor, Kalidas Auditorium

IIT Kharagpur, Kharagpur - 721302

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SL No.	Name	Designation	Department
1	Prof.Cibumol B Babu	Assistant Professor	Electrical and Electronics Engineering
2	Prof.Ammu Anna Mathew	Assistant Professor	Electrical and Electronics Engineering
3	Prof.Ashima C R	Assistant Professor	Electrical and Electronics Engineering

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Thank You,

Institute Head's Signature with Stamp/Department Head with Stamp


PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourdes Hills, Kuttichal P.O.
Thiruvananthapuram Dist, 695 574





LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(Approved by AICTE and Affiliated to the University of Kerala)

An ISO 9001 : 2008 Certified Institution

Lourdes Hills, Kuttichal, Trivandrum - 695 574

Ph : 0472 - 2853550

2853682

2853546

Fax : 0472 - 2853846

To:.....

Date:

30.11.2017

The Project Co-ordinator

Project "T10KT", IIT Kharagpur

Vikramshila Building,

Ground floor, Kalidas Auditorium

IIT Kharagpur, Kharagpur - 721302

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Sl. No.	Name	Designation	Department
1	Prof.Priya Sekhar S	Associate Professor	Computer Science & Engg
2	Prof.Renetha J B	Associate Professor	Computer Science & Engg
3	Prof.Asha A S	Associate Professor	Computer Science & Engg
4	Prof.Ashitha S S	Asst. Professor	Computer Science & Engg
5	Prof.Christy Joy	Asst. Professor	Computer Science & Engg
6	Prof.Ambily Jane	Asst. Professor	Computer Science & Engg

The faculty members are allowed to attend the SSP on Introduction to Machine Learning under the National Mission on Education through ICT (MHRD, Govt. of India) on 16th December and 17th December, 2017 in the Lourdes Matha College of Science and Technology (RC ID 1094).

The Institute has no objection to her participation in the workshop. We would make sure that no official duties will be delegated which may affect her participation, during workshop.

Thank You,

Institute Head's Signature with Stamp/Department Head with Stamp


PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourdes Hills, Kuttichal P.O.,
Thiruvananthapuram Dist. 695 574



Two day weekend training programme on “Introduction to Machine Learning” conducted by IIT Kharagpur at LMCST on 16th Dec 2017 and 17th Dec 2017.





Lourdes Matha College of Science & Technology
 Lavelon Hills, Kuthichal, Thiruvananthapuram, Kerala - 695 574

APPLICATION FORM
 Faculty Development Programme

OR
Design and Development of Embedded Systems

Name : Mr/Ms _____
 Designation : _____
 Department : _____
 Institution : _____
 Gender : Male / Female
 Educational Qualification : _____
 Mobile : _____
 Email : _____
 Accommodation Needed : Yes / No
 Food Preference : Veg / Non-Veg
 Place : _____
 Date : _____

Signature

SPONSORSHIP

Mr. /Ms. /Dr. _____ is an employee of our institution and is hereby sponsored for attending the Faculty Development Programme on Design and Development of Embedded Systems during 18/12/2017 and 19/12/2017 at Lourdes Matha College of Science and Technology. He/She will be permitted to attend the course if selected.

Signature of the sponsoring authority with seal

ORGANIZING COMMITTEE :

Patron:

Prof. P.M. Hormose
 Director
 LMCSST

Chairman:

Dr. V. Swan Prakash
 Principal
 LMCSST

Convener:

Mrs. Swapna M.
 Associate Professor and HOD
 Dept of Electrical & Electronics Engineering
 LMCSST

Coordinators:

Mr. Arya Vijayan
 Assistant Professor
 Dept of Electrical & Electronics Engineering
 LMCSST

Ms. Renu V.
 Assistant Professor
 Dept of Electrical & Electronics Engineering
 LMCSST

Venue:

Computer Lab A
 LMCSST



Faculty Development Programme

OR
Design and Development of Embedded Systems

18th & 19th December 2017



Organized by
 Department of Electrical & Electronics Engineering



LOURDES MATHA COLLEGE OF

SCIENCE & TECHNOLOGY

(Promoted by Lourdes Matha Catholic Educational Society)

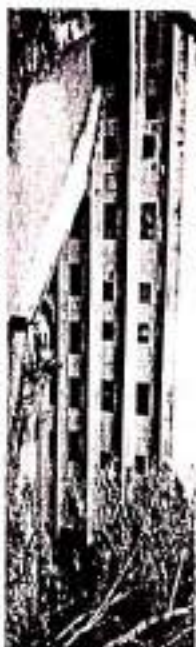
Lourdes Hills, Kuthichal,
 Thiruvananthapuram, Kerala - 695 574
 Phone : 0472-2833350, 2833682, 2833546
 Website : www.lmcsst.ac.in

ABOUT THE INSTITUTION

Lourdes Matha College of Science and Technology

established in the year 2002, is a premier institution affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The College offers five undergraduate programs and five post graduate courses.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG



The Department of Electrical & Electronics Engineering of LMCSST started its voyage in the year 2004. The department offers four year B. Tech degree programme in Electrical and Electronics Engineering and a two year M. Tech programme in Control Systems. The Department promises its continuous effort to nourish the academic as well as research capability of a student through class room coaching and innovative projects.

OBJECTIVES OF THE COURSE :

The objective of this FDP is to prepare the participants to enhance the teaching skills in embedded systems. The course is structured to give theoretical background and hands-on experience in hardware & software development. The programme will be a comprehensive workshop covering 8051 and ARM architecture, building blocks, key features, programming and other aspects of the same. This FDP will also provide hands-on practice on KEIL Simulator to achieve the design goals.

COURSE CONTENT

- Embedded Systems - Design ideas & Latest Trends
- Comprehend the Architecture of 8051
- Introduction to Embedded C platform
- Implementation of GPIO, Timers, interrupts & external peripherals
- Introduction to ARM Microcontroller and its features
- Hands-on Training with KEIL.

OUR RESOURCE PERSON

Ms. Lyla B.Das
Associate Professor,
Electronics & Communication Department,
NIT Calicut,
Kazhikode -673 601

HOW TO APPLY

The applications duly filled in the prescribed format should reach the coordinators on or before 12-12-2017 by post or by e-mail. Scanned copy of the same may be sent in advance and original application shall be brought at the time of registration.

ELIGIBILITY

The Course is open to teaching faculty from Electrical and Electronics / Electronics and Communication / Computer Science / Information Technology from Government / Aided / Self Financing Engineering Colleges in Kerala.

REGISTRATION FEE :

The registration fee of Rs. 5000/- shall be paid through demand draft drawn in favour of Lourdes Matha College of Science and Technology payable at Thiruvananthapuram.

IMPORTANT DATES :

Last date for Submission of registration form : 12/12/2017
Intimation of selection (By mail) : 14/12/2017

Filled registration forms will be sent to the address given below

The Coordinator,
Design & Development of Embedded Systems,
Lourdes Matha College of Science & Technology,
Lourdes Hills,
Kuttichal,
Thiruvananthapuram -695 574

For any queries contact:

Ms. Arya Vijayan
Assistant Professor,
Department of Electrical & Electronics Engineering,
Lourdes Matha College of Science & Technology.
Ph : +91-9496337717
Email : arya.vijayan@lmcst.ac.in

Ms. Renu V.
Assistant Professor,
Department of Electrical & Electronics Engineering,
Lourdes Matha College of Science & Technology.
Ph : +91-9447571240
Email : renu.v@lmcst.ac.in

Lourdes Matha College of Science & Technology
Department of Electrical & Electronics Engineering

Faculty Development Programme on
"Design & Development of Embedded Systems"

on
18th & 19th December 2017

PROGRAMME SCHEDULE

TIME	TOPICS
Day I (18/12/2017)	
9:00 am – 9.30 am	Inaugural Session
9:30 am – 10.30 am	Introduction to Embedded systems Latest trends in Embedded Systems Embedded development using an IDE
Tea break 10.30 am– 10.45 am	
10.45 am – 11.45 am	8051 architecture –registers, flags, memory , ports
11.45 am – 12.45 pm	Using the Keil IDE –assembly programming with registers and ports
Lunch Break 12:45 pm – 1.30 pm	
1:30 pm – 2:30 pm	Timers of 8051 - discussion and programming
2:30 pm – 3:30 pm	Interrupts of 8051-discussion and programming
Day II (19/12/2017)	
9:30 am – 10.30 am	Introduction to ARM 7 and Cortex-M architecture
Tea break 10.30 am– 10.45 am	
10.45 am – 11.45 am	Serial interface of 8051 –assembly programming
11.45 am – 12.45 pm	Embedded C programming of 8051
Lunch Break 12:45 pm – 1.30 pm	
1:30 pm – 2:30 pm	C Programming of 8051
2:30 pm – 3:30 pm	C programming of 8051 /ARM 7
3:30 pm – 4:00 pm	Feedback & Valedictory

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

TWO DAY FACULTY DEVELOPMENT PROGRAMME ON

DESIGN & DEVELOPMENT OF EMBEDDED SYSTEMS

(18th & 19th December 2017)

BUDGET PROPOSAL

SI No:	Particulars	Amount
1	Remuneration for Resource Person	15,000
2	Cloth Banner (2)	1,500
3	Memento	1,200
4	File, Notepad & Pen	2,000
5	Travelling Expenses	1,000
6	Tea & Snacks	1,500
7	Food for Resource Person	500

Total Expense = Rs. 22,700/-


FDP Coordinator


HOD (EEE)


Principal

FDP on Design & Development of Embedded Systems

The objective of this FDP is to prepare the participants to enhance the teaching skills in embedded systems. The course is structured to give theoretical background and hands-on experience in hardware & software development. The programme will be a comprehensive workshop covering 8051 and ARM architecture, building blocks, key features, programming and other aspects of the same. This FDP will also provide hands-on practice on KEIL Simulator to achieve the design goals.

The faculty development programme on "Design & Development of Embedded Systems" was conducted by Department of Electrical and Electronics Engineering on 18th and 19th December 2017. The class was handled by Prof. Lyla B Das from NIT Calicut.





Lourdes Matha College of Science & Technology

REGISTRATION FORM

**FACULTY DEVELOPMENT PROGRAMME ON
GeoGebra**

Name : Mr/Ms _____

Designation : _____

Department : _____

Institution : _____

Gender : Male / Female

Date of Birth & Age : _____

Educational Qualification : _____

Mobile No. : _____

Email : _____

Place : _____

Date : _____

Signature

SPONSORSHIP

Mr. /Ms. /Dr. _____ is an employee of our institution and is hereby sponsored for attending the Faculty Development Programme on GeoGebra on 21-12-2017 at Lourdes Matha College of Science and Technology. He/She will be permitted to attend the course, if selected.

Place : _____
Date : _____

Signature of the Sponsoring authority with seal

ORGANISING COMMITTEE :

Patron :

Prof. P.M. Hormese
Director

Chairman :

Dr. Syam Prakash V.
Principal

Convener :

Dr. K. Reinakumari Amma
Head of the Department,
Department of Applied Science

Coordinators :

Prof. Carol Wilson Lazer
Associate Professor
Department of Applied Science

Prof. Susanth S.G.
Assistant Professor
Department of Applied Science

Any Queries

Prof. Maya G.S. Thankachy
Assistant Professor
Department of Applied Science
Mobile : 994699110
email : maya.g@lmcst.ac.in

Prof. Nisha R.S.
Assistant Professor
Department of Applied Science
Mobile : 995808779
email : nisha.r@lmcst.ac.in

Faculty Development Programme
on

GeoGebra



GeoGebra
Enabling mathematics for Everyone

21.12.2017

Organized by
Department of Applied Science



**LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY**

(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kuttichal,

Thiruvananthapuram, Kerala - 695 574

Phone : 0472-2853550, 2853682, 2853546

Website : www.lmcst.ac.in

ABOUT THE INSTITUTION

Lourdes Matha College of Science and Technology established in the year 2002, is a premier institution affiliated to the University of Kerala and APJ Abdul Kalam Technological University. The institute offers five undergraduate and five post graduate programmes in Engineering and Technology, including MBA. The institute is ISO 9001:2008 certified for its quality education and has active IEEE, ISTE and CSI chapters.

DEPARTMENT OF APPLIED SCIENCE

The Applied Science Department handles papers in Engg Mathematics, Engg. Physics and Engg. Chemistry within the Engineering curriculum. A high standard is maintained by the Department in imparting knowledge in basic sciences.

Department fosters a dynamic academic environment which is committed to a tradition of excellence in teaching and service with a team of dedicated academic staff, having ample experience. The Department maintains a stable foundation and strong commitment to teaching and engage in constant expansion of enriching knowledge

OBJECTIVES OF THE COURSE :

GeoGebra is an interactive geometry, algebra, statistics and calculus application, intended for learning and teaching Mathematics and Science from primary to university level. We can solve equations, graph functions, create constructions, analyze data, explore 3D models using GeoGebra. Thus this course helps teachers to understand how to prove geometric theorems. It also helps to achieve one of the objectives of the KTU Mathematics curriculum.

COURSE CONTENT :

The FDP will focus on the following topics :

- Introduction to GeoGebra - a free software for interacting Geometrical environment(2D and 3D)
- To create spreadsheets
- To use Statistics and Calculus tools

RESOURCE PERSON

Prof. Sumesh S.S.

Assistant Professor, Dept. of Mathematics,

† St. Julius College, Anchal
Kollam

ELIGIBILITY

Teaching faculty from Government / Aided / Self financing

Engineering colleges are eligible for applying this course.

REGISTRATION FEES

A maximum of 30 participants are permissible on first-come-first serve basis.

The registration fee is Rs. 250/- for faculty and shall be paid through demand draft drawn in favour of "Lourdes Matha College of Science and Technology" payable at Thiruvananthapuram.

HOW TO APPLY

Duly filled applications in the prescribed format should reach the coordinator at susanth.sg@lnmct.ac.in on or before 15/12/2017

IMPORTANT DATES :

Last date for submission of Registration form - 15/12/2017
Intimation of selection - 18/12/2017

ADDRESS FOR COMMUNICATION :

Prof. Susanth S.G.,

Assistant Professor,

Department of Applied Science,

Lourdes Matha College of Science & Technology,

Kuttichal,

Thiruvananthapuram - 695 574

Ph : +91-9995060237, +91-9946999110

Email : susanth.sg@lnmct.ac.in

VENUE :

Lourdes Matha College of Science & Technology



GeoGebra - Dynamic Mathematics for Everyone.

November 27, 2017

GeoGebra is an interactive geometry, algebra, statistics and calculus application, intended for learning and teaching mathematics and science from primary school to university level. Using GeoGebra we can Solve equations, graph functions, create constructions, analyze data, explore 3D math! Constructions can be made with points, vectors, segments, lines, polygons, conic sections, inequalities, implicit polynomials and functions. All of them can be changed dynamically afterwards. Elements can be entered and modified directly via mouse and touch, or through the Input Bar. GeoGebra has the ability to use variables for numbers, vectors and points, find derivatives and integrals of functions and has a full complement of commands like Root or Extremum. Teachers and students can use GeoGebra to make conjectures and to understand how to prove geometric theorems.)

The main features are

- Interactive geometry environment (2D and 3D)
- Built-in spreadsheet
- Built-in CAS
- Built-in statistics and calculus tools
- Allows scripting
- Large number of interactive learning and teaching resources at GeoGebra Materials

Dynamic GeoGebra applets can be directly uploaded to the GeoGebra Materials platform, the official cloud service and repository of GeoGebra related and interactive learning and teaching resources. More than 1 million resources, more than 4 lakhs of which are shared publicly as searchable materials - such as interactive worksheets, simulations, games, and e-books created using the GeoGebraBook feature.

GeoGebra materials can be also exported in several formats, including as static images or as Animated GIF. There are also options for exporting to the system clipboard, PNG, PDF, EPS. GeoGebra can also create code that can be used inside LaTeX files through its PSTricks, PGF/TikZ and Asymptote export options.

GeoGebra is a free software licensed under the GNU General Public License (GPL). It is platform independent. It can be used in Linux, Windows, Mac operating systems, in android mobiles, iphones and in tablets. The International GeoGebra Institute (IGI) is the not-for-profit entity of The GeoGebra Group, coordinating deployment and research efforts across a global network of user groups at universities and non-profit organizations. IGI joins teachers, students, software developers and researchers to support, develop, translate and organise the GeoGebra related tasks and projects. The local user groups support students and teachers in their region. As part of the International GeoGebra Institute network they share free educational materials via the GeoGebra Materials platform, organize workshops, and work on projects related to GeoGebra. The International GeoGebra Institute may certify local GeoGebra users, experts, and trainers according to certain guidelines.

See the official website of GeoGebra - <https://www.geogebra.org/cms/en/>. Here to download - <https://www.geogebra.org/download> and here for materials - <https://www.geogebra.org/materials/>

Faculty Development Programme on GeoGebra
Organized by the Department of Applied Science
Lourdes Matha College of Science and Technology, Kuttichal, TVPM.

PROGRAMME SCHEDULE

21/12/2017 Thursday

8:45 am	: Registration
9:00 am	: Inaugural session
Welcome speech	: Dr. K. Retnakumari Amma HOD, Department of Applied Science. LMCST .
Presidential Address	: Dr.V. Syam Prakash Principal , LMCST
Inauguration	: Prof.P.M.Hormese Director, LMCST
Vote of Thanks	: Prof.Susanth S.G , Asst.Professor Department of Applied Science. LMCST.
9.45 am – 11.00 am	: Session ^{begins} started with " Introduction to GeoGebra." Prof. Sumesh S.S , Asst.Professor, Dept. of Mathematics, St. Johns College , Anchal
11.00 am -11.15 am	: Tea Break.
11.15 am- 12.45 pm	: Session continues...
12.45 pm – 1.45 pm	: Lunch Break
1.45 pm – 3.00 pm	: Session continues...
3.00 pm – 3.15 pm	: Tea Break
3.15 pm	: Valedictory Session and Certificate Distribution.

RECEIPT

Received with thanks from the Principal of Lourdes Matha College of Science and Technology, a sum of Rs. 4000/ as remuneration, as part of faculty development programme on GeoGebra organized by department of Applied Science on 21-12-2017.



Prof. Sumesh S.S

Assistant Professor

Department of Mathematics

St.Johns College ,Anchal.

21.12.2017

DUTY CERTIFICATE

This is to certify that Prof. Sumesh S. S, Assistant Professor, Dept. of Mathematics, St. Johns College, Anjal was on duty as Resource Person as part of Faculty Development Programme on "GeoGebra" at Lourdes Matha College of Science and Technology on 21st of December 2017.

Place: Trivandrum

Date: 21.12.2017

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE 21/12/2017

Title of the Program: *GeoGebra.*

Name of the Resource Person: *Sumesh S.S*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				↙	
2	Presentation/Delivery of the resource person					✓
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE

21-12-17

Title of the Program: *Geography*

Name of the Resource Person: *Prof Sumesh S.S*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				✓	
2	Presentation/Delivery of the resource person					✓
3	Ability to create the interest in the topic				✓	
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent



FEEDBACK FORM

DATE 21/12/2017

Title of the Program: *Geo Gebaa*

Name of the Resource Person: *Prof. Suresh. S.S*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				✓	
2	Presentation/Delivery of the resource person					✓
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants				✓	
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE

21/12/17

Title of the Program: GeoGebra

Name of the Resource Person: Prof. Sumesh S.S.

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				✓	
2	Presentation/Delivery of the resource person					✓
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

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Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE 21-12-17

Title of the Program: *Geogebra*

Name of the Resource Person: *Prof. Sumesh S.S*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				✓	
2	Presentation/Delivery of the resource person				✓	
3	Ability to create the interest in the topic				✓	
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent



FEEDBACK FORM

DATE 21/12/17.

Title of the Program: Seminars on Geoschem.

Name of the Resource Person: Prof. Sumesh.

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content	✓				
2	Presentation/Delivery of the resource person		.			✓
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement			✓		
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments	✓				✓
2	Hospitality	✓				✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE

Title of the Program: *FDP on Geogebra.*

Name of the Resource Person: ~~XXXXXXXXXX~~

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				.	✓
2	Presentation/Delivery of the resource person				✓	.
3	Ability to create the interest in the topic				✓	
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE 21/12/2017

Title of the Program: *Geogebra*

Name of the Resource Person: ~~Geo. Person~~ Prof. Suresh

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content					✓
2	Presentation/Delivery of the resource person					✓
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE 21-12-2017

Title of the Program: *Geogebra*

Name of the Resource Person: *Sumeesh*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content					✓
2	Presentation/Delivery of the resource person					✓
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

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Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE 21-12-17

Title of the Program: *Geogebra*

Name of the Resource Person: *Suresh S.S*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content				✓	
2	Presentation/Delivery of the resource person				✓	
3	Ability to create the interest in the topic					/
4	Bringing Practical Knowledge of the subject					/
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					/
2	Hospitality					/

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,

Thiruvananthapuram, Kerala – 695 574

E-mail-mail@lmest.ac.in Website:www.lmest.ac.in



FEEDBACK FORM

DATE 21-12-19

Title of the Program: *Geogebra*
 Name of the Resource Person: *Smrithi S-S*

Sl.No	Criteria	1	2	3	4	5
I	REGARDING RESOURCE PERSON					
1	Subject and content					✓
2	Presentation/Delivery of the resource person				✓	
3	Ability to create the interest in the topic					✓
4	Bringing Practical Knowledge of the subject					✓
5	Interactions with participants					✓
II	INFRASTRUCTURE					
1	Comfortable seating arrangement					✓
III	HOSPITALITY ARRANGEMENTS					
1	Quality of Food/Refreshments					✓
2	Hospitality					✓

1	Needs Improvement
2	Satisfactory
3	Good
4	Very Good
5	Excellent

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal

Thiruvananthapuram-695 574

REPORT of FDP on GeoGebra

The Department of Applied Science of Lourdes Matha College of Science & Technology conducted a one-day faculty development programme on GeoGebra on 21st December 2017. Prof. Sumesh S S, Assistant Professor, Department of Mathematics, St. Johns College, Anchal was the resource person. 11 faculty members from various colleges participated in the FDP, which was interesting, interactive and fruitful. From the participants' feedback it was evident that everyone got a better understanding of the mathematical software. Participation certificates were issued and the programme concluded after a formal meeting and photo session.



COORDINATOR.



PRINCIPAL





LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Participation

This is to certify that Mr./Ms. of
..... has
participated in the Faculty Development Programme on GeoGebra organized by the
Department of Applied Science, Lourdes Matha College of Science and Technology,
Kuttichal, Thiruvananthapuram on 21st December 2017.

Prof. Carol Wilson Lazer
Coordinator

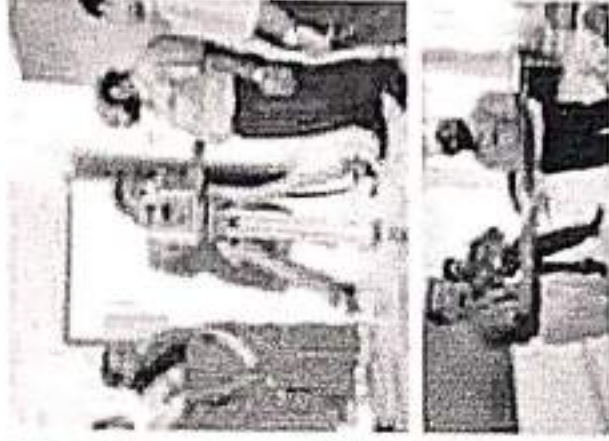
Dr. K. Retnakumari Amma
Convenor

Dr. V. Syam Prakash
Principal

DEPARTMENT OF CIVIL ENGINEERING

Department News & Activities

- Shri. Sathesh Gopi, Deputy Chief Hydrographer, Kerala Port Department, delivered a session on “Modern data acquisition- Total Station for the faculty of Civil Engineering Department on 23rd June 2017.



Registration form

FACULTY DEVELOPMENT PROGRAMME ON

ARDUINO BASED ROBO DESIGN



ORGANISING COMMITTEE

Patron : Prof. P. M Hormese
[Director, LMCST]

Chairman : Dr. V Syam Prakash
[Principal, LMCST]

Convener : Mr. Ram Prasad Tripathy
[HOD, Dept of ECE]

Coordinators: Ms. Veena V.U
[Assistant Professor, Dept of ECE]

Ms. Bincy Louis
[Assistant Professor, Dept of ECE]

For Any Queries

Convener: Mr. Ram Prasad Tripathy

☎ 9995304261 ✉ ram.prasad@imcst.ac.in

Coordinators: Ms. Veena V.U

☎ 9446544189 ✉ veena.vu@imcst.ac.in

Ms. Bincy Louis

☎ 9744505622 ✉ bincy.louis@imcst.ac.in

Venue: Computer Lab A, LMCST

FACULTY DEVELOPMENT PROGRAMME ON

ARDUINO BASED ROBO DESIGN

[from 26th-28th June 2017]



arduino

organised by
Department of ECE

Lourdes Matha College of Science & Technology

(Promoted by Lourdes Matha Catholic Educational Society)

Lourdes Hills, Kuttichal, Trivandrum, Kerala-695574

☎ 0472-2853550, 2853546 ✉ mail@imcst.ac.in

www.imcst.ac.in

SUPREMACYSHIP

Signature

DD NO : Date :
Name of the Bank :

Payment Details:

Accommodation Required : Yes / No
(Can be arranged subject to availability)

Contact No :

Email :

Address :

Gender : Male/Female

Institution :

Designation :

Name : Mr/Ms

Mr/Ms: Is an employee of our institution sent by faculty sponsored for attending the Faculty Development Programme on Arduino based Robo Design from 26/06/2017 to 28/06/2017 at Lourdes Matha College Of Science & Technology. His/Her will be permitted to attend the course, if selected.

Place
Date

Signature of the sponsoring authority with seal

PREAMBLE

Loures Matha College of Science and Technology established by the 'Loures Matha Catholic Educational Society' is approved by All India Council for Technical Education (AICTE) and affiliated to the University of Kerala and AlJ Abdul Kalam Technological University. The College has a spacious campus of 25 acres at Kutikal, a rustic village in the outskirts of Thiruvananthapuram city, hardly 24 kms away from it. The vision of the Loures Matha Educational Society is to establish a 'Centre of Excellence' in the field of Engineering and Technology to mould world class professionals.

ABOUT THE DEPARTMENT

The Electronics and Communication Engineering Department has been established with the intention of training and producing highly skilled Electronics and Communication engineers. The department has been established in 2002 at the inception. The department is staffed with highly qualified and well experienced teaching faculty and technical staff. The department joined hands with mechanical engineering department to conduct a national conference on Technology Innovation in Mechatronics, Energy Management and Intelligent Communication 2017 on April 6th and 7th, 2017. Also the department has conducted AICTE sponsored staff development program on Embedded System Design and Applications from 1st to 13th december 2008.

DEPARTMENT STUDENTS ASSOCIATION :

VIVARTHANA

VIVARTHANA: 'Unleash the value of teamwork' aims at improving soft skills as well as hard skills needed for students to understand the marvel of engineering. The association was inaugurated by Dr. Praveendranath along with the official logo release on 27th July 2016. VIVARTHANA conducts technical workshops, seminars, product design, evaluation for innovative products, quizzes etc.

THEME OF FDP

Arduino refers to an open-source electronics platform or board and the software used to program it. Arduino is designed to make electronics more accessible to artists, designers, hobbyists and anyone interested in creating interactive objects or environments. Arduino can be used to develop interactive objects, taking inputs from a variety of switches or sensors and controlling a variety of lights, motors, and other physical outputs. Arduino projects can be stand-alone, or they can communicate with software running on the computer.

The workshop is suitable for beginners to create applications in embedded platform with hands on training in Arduino hardware, software and sensor interfacing. The participants will be able to interface Arduino with sensors, displays and develop their own industrial applications.

COURSE CONTENT

Software Familiarization: Arduino IDE
Board Familiarization
Serial Communication
Interfacing with sensors, displays etc.
Robot design

REGISTRATION

The application filled in the prescribed format duly signed by appropriate authorities (along with DD) should reach the coordinator by speed post on or before 19/06/2017. It is also mandatory to send the scanned application form and DD through email. Registration Fee: ₹1500/- shall be paid through Demand Draft in favour of Loures Matha College of Science and Technology payable at Trivandrum.

ELIGIBILITY

The program is open to teachers of engineering colleges from Electronics and Communication Engineering, Electrical Engineering and other allied disciplines. Interested PG students can also attend.

IMPORTANT DATES

Last date for submission of registration form : 19/6/2017
Intimation of selection (by email) : 21/6/2017



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
FACULTY DEVELOPMENT PROGRAMME

ON

ARDUINO BASED ROBO DESIGN

Organised by Department of Electronics & Communication Engineering

PROGRAMME SCHEDULE

Venue: Conference Hall

Date: 26/06/2017

8.30 am : Registration

9.00 am- 9.05 am : Prayer song

9.05 am - 9.10 am : Welcome Address

Prof. Ram Prasad Tripathy, HOD ECE Dept.

9.10 am - 9.15 am : Presidential Address

Prof. P.M. Hormese, Director, LMCST.

9.15 am -9.20 am : *Lighting the lamp*

9.20 am - 9.25 am : Inaugural address

Dr. V. Syam Prakash, Principal, LMCST.

9.25 am - 9.30 am : Felicitation

Er. Philip John, Secretary, LMCES.

9.30 am - 9.35 am : Vote of thanks

A Faculty Development Programme on 'Arduino based robot design' convened by Mr. Ram Prasad Tripathy and coordinated by Ms. Veena V. U. and Ms. Bincy Louis was conducted from 27.06.2017 to 29.06.2017. An introductory session was handled by Mr. Ignatious C A followed by Hands on sessions by Mr. Aswin R.S., Mr. Abhiram T.S., Mr. Amal M.P and Mr. Vaisakh Anand.





LAKSHMI NATHA COLLEGE OF SCIENCE AND TECHNOLOGY
LOURDES HILLS, NITTICAL, THIRUVANANTHAPURAM

3 DAY FACULTY DEVELOPMENT PROGRAMME

ARDUINO BASED ROBO DESIGN

JUNE 26th TO 28th, 2017

Organized by
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING







FDP on Arduino based Robo Design**Date:26-06-2017 - 28-06-2017****LIST OF PARTICIPANTS**

Sl. No.	NAME	DEPARTMENT
1	Mr.Ram Prasad Tripathy	Dept of ECE
2	Ms. Nisha George	Dept of ECE
3	Dr. Dinakardas C.N.	Dept of ECE
4	Ms. Soorya S.R.	Dept of ECE
5	Ms. Veena V.U.	Dept of ECE
6	Ms. Divya Subhash	Dept of ECE
7	Ms. Bincy Louis	Dept of ECE
8	Mr.Binu Chacko	Dept of ECE
9	Mr.Greejith M.G	Dept of ECE
10	Mr. Shammy Arun Mathew K	Dept of ECE
11	Ms. Manju M.S.	Dept of ECE
12	Ms. Athira A.P.	Dept of ECE
13	Ms. Sreeja K.K.	Dept of ECE
14	Ms. Debarati Ganguly	Dept of ECE
15	Ms. Minu E. Mathew	Dept of ECE
16	Mr. Jobin Jose	Dept of ECE
17	Ms. Parvathy Harikumar	Dept of ECE

REGISTRATION FORM

FACULTY DEVELOPMENT PROGRAM

ON

"FIELD SURVEYING USING TOTALSTATION"

NAME:.....

DESIGNATION:.....

INSTITUTION:.....

GENDER:..... AGE:.....

EDUCATIONAL QUALIFICATION:.....

MOBILE NO:.....

EMAIL:.....

TRANSPORTATION: YES/ NO

BOARDING PLACE:.....

CONTACT

Lakshminarayanan.M

Asst.Prof, Dept. of Civil Engg.

Mob: +9190443256111

Mail Id: Lakshminarayanan@lmct.ac.in

Sumitha Ranl.P.R

Asst. Prof,Dept. of Civil Engg.

Mob: +91 9995862320

Mail Id: sumitharanl17@gmail.com

ORGANISING COMMITTEE

PATRON:

Prof. P.M. Hormese

Director

CHAIRMAN:

Dr. Syam Prakash. V

Principal

ADVISORY COMMITTEE:

Prof. Rema Devi.D

Dept.of Civil Engg.

Prof. Davy Cherian

Dept.of Civil Engg.

CONVENOR:

Prof. Mohan.S

HOD, Dept.of Civil Engg.

COORDINATORS:

Sumitha Ranl .P.R

Asst.Professor,Dept.of Civil Engg.

Lakshminarayanan. M

Asst. Professor, Dept. of Civil Engg.



FACULTY DEVELOPMENT PROGRAM

ON

"FIELD SURVEYING USING TOTALSTATION"

28th & 29th JUNE -2017



LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Buregu Veritas ISO 9001-2008 Institution

COURSE OVERVIEW

Total station is the single technological development that has had the highest impact on day-to-day practical surveying of all scales. Having already positioned itself as an inevitable friend of the surveyor, a total station can be used to measure angles, distances, coordinates and much more with excellent accuracy and better ease like never imagined before. The data can be directly imported to a computer and calculations can be carried out easily. However, the best results from using a total station is achievable only by knowing the best practices while using it. This course will be an introductory course for all who are enthusiastic to learn how to use the total station in the best ways in the field.

COURSE CONTENTS

- H Principles & methods of surveying using TS
- H Surveying and data collection
- H Traversing
- H Height measurement
- H Setting out (or) Stake out
- H Resection
- H Analyzing data, Area calculations etc
- H Hands-on practice sessions in the field guided by expert professionals from ruby soft tech and staff of IMCST

Who Can Attend?

Individuals enthusiastic to learn the basics of practical surveying using total station are welcome.

- H Faculty of engineering colleges
- H Working civil engineering professionals
- H Technical staff from colleges, government institutions, other public or private firms.

ABOUT IMCST

Lourdes Maths College of Science and Technology established by the "Lourdes Maths Catholic Educational Society" in 2002 and is affiliated to the University of Kerala and APJ Abdul Kalam Technological University.

The College has a spacious campus of 25 acres at Kutichal, a rustic village in the outskirts of Thiruvananthapuram city. The scenic beauty and virgin surroundings of the picturesque lush green rubber plantations in the back drop of misty Western Ghats and the serene, tranquil hillock provide a perfect environment for harmonious study.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

Civil Engineering Department of IMCST sprung to life in 2013. This department is a vivid amalgamation of wise senior faculty members who have years of experience in both teaching as well as consultancy and young faculty members with fresh ideas and inspiring team work. This makes the department a stimulating environment for forming excellent budding engineering-minds potent to create the built environment for the future generations.

ABOUT RUBY SOFT TECH

Established in the year 1993 in Trivandrum, Ruby Soft Tech is a government approved consultancy organization providing consultancy for Survey, Soil Investigation and Structural design. The organization has earned itself recognition through quality, consistency, reliability and competence.

With so impressive partfolio that includes multi-branch college, government colleges, educational institutions and residences, the organization provides total solutions to everything related to construction.

REGISTRATION

Any interested individual meeting the aforementioned eligibility criteria can register by sending your details in the format prescribed overleaf to the mail id of the coordinators given in contact. You are welcome to contact the coordinators for enquiries.

COURSE DETAILS & VENUE

- Last date for registration : 23rd June 2017
- Intimation of selection : 26th June 2017 (by mail)
- Date of Course : 28-29th June 2017
- Venue : IMCST, Kutichal
- Course Fee* : 2000/- INR

*Course fee includes cost of field training, food, transportation by college bus etc.



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

FACULTY DEVELOPMENT PROGRAMME

ON

FIELD SURVEYING USING TOTALSTATION

Organised by Department of Civil Engineering

PROGRAMME SCHEDULE

Venue: Conference Hall

Date: 28/06/2017


9.00 am	:	Registration
10.00 am – 10.05 am	:	Prayer song
10.05 am – 10.10 am	:	Welcome Address Prof. Mohan S., HOD CE Dept.
10.10 am – 10.15 am	:	Presidential Address Prof. P. M. Hormese, Director, LMCST
10.15 am – 10.20 am	:	Lighting the lamp
10.20 am – 10.25 am	:	Inaugural Address Dr. V. Syam Prakash, Principal, LMCST
10.25 am – 10.30 am	:	Vote of thanks

S. Matha

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
ADMINISTRATIVE TRAINING PROGRAMS ORGANIZED BY THE INSTITUTION
SIGNATURE SHEET

Date : 28th & 29th June 2017

SL NO	NAME OF FACULTY	DESIGNATION	NAME OF INSTITUTE	SIGNATURE
1	Sumitha Rani P R	Assistant Professor	LMCST	<i>P.R. Sumitha Rani</i>
2	Indu Rajan	Assistant Professor	LMCST	<i>P. Indu Rajan</i>
3	Prajisha J P	Assistant Professor	LMCST	<i>P. Prajisha J P</i>
4	Sarika S	Assistant Professor	LMCST	<i>S. Sarika</i>
5	Anupama P L	Assistant Professor	LMCST	<i>A. Anupama P L</i>
6	Lekshmi J Satheesh	Assistant Professor	LMCST	<i>L. Lekshmi J Satheesh</i>
7	Tanuja Cristopher D'cruz	Assistant Professor	LMCST	<i>T. Tanuja Cristopher D'cruz</i>
8	Anagha V	Assistant Professor	LMCST	<i>A. Anagha V</i>
9	Ajith A R	Lab staff	LMCST	<i>A. Ajith A R</i>
10	Vinila V M	Lab staff	LMCST	<i>V. Vinila V M</i>

	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY KUTTICAL, TRIVANDRUM	Form No: R/PP-01/05/00
	TRAINING FEED BACK FORM	

Name of The Participant :	PARVATHY. S.L	Date :	29/06/2017
Title of The Training Program :	Practical concerning Total Satisfaction.	Faculty :	Jaini.

COURSE EFFECTIVENESS

(1- Excellent 2 - Very Good 3 - Good 4 - Satisfactory 5 - Poor)

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The course content conveyed the objective of the program	✓				
2	The course content was comprehensive (covered all topics)			✓		
3	The program was well structured(topics followed a chronological order)			✓		
4	The program was informative	✓				
5	The program is relevant to my job	✓				

FACULTY EFFECTIVENESS

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The faculty explained the concepts involved effectively	✓				
2	The faculty continuously evoked participation from the group		✓			
3	The faculty was able to answer my queries	✓				
4	The faculty was receptive to the new ideas given by the group		✓			
5	The information given by faculty is correct	✓				
6	The faculty was able to manage time and cover everything		✓			

Rating by Participant (Total Avg.) 2.5

Evaluation by Head of the Department

for P.R. Sunitha Pasi



LOURDES MATHA COLLEGE OF SCIENCE &
TECHNOLOGY
KUTTICAL, TRIVANDRUM

Form No:
R/PP-01/05/00

TRAINING FEED BACK FORM

Name of The Participant : JOSE . R	Date : 29/05/17
Title of The Training Program : Practical surveying using Total Station	Faculty : Rahul & Jais.

COURSE EFFECTIVENESS

(1- Excellent 2 - Very Good 3 - Good 4 - Satisfactory 5 - Poor)

SI No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The course content conveyed the objective of the program	✓				
2	The course content was comprehensive (covered all topics)	✓				
3	The program was well structured(topics followed a chronological order)	✓				
4	The program was informative	✓				
5	The program is relevant to my job	✓				


FACULTY EFFECTIVENESS

SI No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The faculty explained the concepts involved effectively	✓				
2	The faculty continuously evoked participation from the group	✓				
3	The faculty was able to answer my queries	✓				
4	The faculty was receptive to the new ideas given by the group	✓				
5	The information given by faculty is correct	✓				
6	The faculty was able to manage time and cover everything	✓				

Rating by Participant (Total Avg.) |

Evaluation by Head of the Department

for P. R. Srinika Ran

	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY KUTTICAL, TRIVANDRUM	Form No: R/PP-01/05/00
	TRAINING FEED BACK FORM	

Name of The Participant : <i>Remadevi. R</i>	Date : <i>29/6/2017</i>
Title of The Training Program : <i>Practical Surveying using Total station</i>	Faculty : <i>Jain & Rahul.</i>

COURSE EFFECTIVENESS

(1- Excellent 2 - Very Good 3 - Good 4 - Satisfactory 5 - Poor)

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The course content conveyed the objective of the program	✓				
2	The course content was comprehensive (covered all topics)	✓				
3	The program was well structured(topics followed a chronological order)	✓				
4	The program was informative	✓				
5	The program is relevant to my job	✓				


FACULTY EFFECTIVENESS

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The faculty explained the concepts involved effectively	✓				
2	The faculty continuously evoked participation from the group	✓				
3	The faculty was able to answer my queries	✓				
4	The faculty was receptive to the new ideas given by the group	✓				
5	The information given by faculty is correct	✓				
6	The faculty was able to manage time and cover everything	✓				

Rating by Participant (Total Avg.) *1*

Evaluation by Head of the Department

for P.R. Jinnilla Puri

	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY KUTTICAL, TRIVANDRUM	Form No: R/PP-01/05/00
	TRAINING FEED BACK FORM	

Name of The Participant : <i>Akhila P. Soman</i>	Date : <i>29/06/2017</i>
Title of The Training Program : <i>Total Station</i>	Faculty : <i>Jain</i>

COURSE EFFECTIVENESS

(1- Excellent 2 - Very Good 3 - Good 4 - Satisfactory 5 - Poor)

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The course content conveyed the objective of the program	✓				
2	The course content was comprehensive (covered all topics)	✓				
3	The program was well structured(topics followed a chronological order)	✓				
4	The program was informative	✓				
5	The program is relevant to my job	✓				


FACULTY EFFECTIVENESS

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The faculty explained the concepts involved effectively	✓				
2	The faculty continuously evoked participation from the group	✓				
3	The faculty was able to answer my queries	✓				
4	The faculty was receptive to the new ideas given by the group	✓				
5	The information given by faculty is correct	✓				
6	The faculty was able to manage time and cover everything	✓				

Rating by Participant (Total Avg.) |

Evaluation by Head of the Department

For P.R. Senthil Kumar

	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY KUTTICAL, TRIVANDRUM	Form No: R/PP-01/05/00
	TRAINING FEED BACK FORM	

Name of The Participant : KIRAN .S.R.	Date: 29/6/2017
Title of The Training Program : Total Station	Faculty: Jain & Rahul

COURSE EFFECTIVENESS

(1- Excellent 2 - Very Good 3 - Good 4 - Satisfactory 5 - Poor)

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The course content conveyed the objective of the program	✓				
2	The course content was comprehensive (covered all topics)		✓			
3	The program was well structured(topics followed a chronological order)	✓				
4	The program was informative	✓				
5	The program is relevant to my job		✓			


FACULTY EFFECTIVENESS

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The faculty explained the concepts involved effectively	✓				
2	The faculty continuously evoked participation from the group	✓				
3	The faculty was able to answer my queries	✓				
4	The faculty was receptive to the new ideas given by the group	✓				
5	The information given by faculty is correct	✓				
6	The faculty was able to manage time and cover everything	✓				

Rating by Participant (Total Avg.) **1.5**

Evaluation by Head of the Department

for P. R. *P. R. Sankar*

	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY KUTTICAL, TRIVANDRUM	Form No: R/PP-01/05/00
	TRAINING FEED BACK FORM	

Name of The Participant : <i>Pragisha D.P</i>	Date : <i>28/6/17 & 29/6/17</i>
Title of The Training Program : <i>Field surveying using total station.</i>	Faculty : <i>Jain & Rahul.</i>

COURSE EFFECTIVENESS

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The course content conveyed the objective of the program	✓				
2	The course content was comprehensive (covered all topics)	✓				
3	The program was well structured(topics followed a chronological order)	✓				
4	The program was informative	✓				
5	The program is relevant to my job	✓				


FACULTY EFFECTIVENESS

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	The faculty explained the concepts involved effectively	✓				
2	The faculty continuously evoked participation from the group	✓				
3	The faculty was able to answer my queries	✓				
4	The faculty was receptive to the new ideas given by the group	✓				
5	The information given by faculty is correct	✓				
6	The faculty was able to manage time and cover everything	✓				

Rating by Participant (Total Avg.) **4**

Evaluation by Head of the Department

San P. Radhika Devi

	LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY KUTTICAL, TRIVANDRUM	Form No: R/PP-01/05/00
	TRAINING FEED BACK FORM	

Feed Back from faculty

Sl No.	Topic	Ranking (Scale 1 to 5)				
		1	2	3	4	5
1	Theory class		✓			
2	Survey Detailing		✓			
3	Setout			✓		
4	Remote height		✓			
5	Area & Volume	✓				
6	Drawing Detailing		✓			

Evaluation by Head of the Department

2, Not enough time for Detailing at site (Survey & Setout)