Number of Add on /Certificate programs offered during the last five years

2020-2021

ADDON COURSE 1

Name of the program : MICROELECTRONICS : DEVICES AND CIRCUITS
Duration : 4 months
List of students enrolled (with signature of students)

Academic year : 2020 - 2021

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MICROELECTRONICS : DEVICES AND CIRCUITS

SIGNATURE SHEET

Duration of course : 4 months

NAME OF STUDENT	CANDIDATE CODE	SIGNATURE
SRUTHI S	LMC20CSC035	
SUMI S	LMC20CSC036	

Curriculum

This course is intended for the core courses in Electronics Circuits taught to undergraduates in Electrical and Computer Engineering. The objective of this course is to develop the ability to analyse and design electronic circuits both analog and digital, discrete and integrated. The course

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starts with the basics of the device most seldom encountered in mixed designs and then go on to do circuit analysis in the later parts.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report:

The topics covered include modeling of microelectronic devices, basic microelectronic circuit analysis and design, physical electronics of semiconductor junction and MOS devices, relation of electrical behavior to internal physical processes, development of circuit models, and understanding the uses and limitations of various models. The course uses incremental and large-signal techniques to analyze and design bipolar and field effect transistor circuits, with examples chosen from digital circuits, single-ended and differential linear amplifiers, and other integrated circuits. The add-on course was very beneficial to the students.

ADDON COURSE 2

Name of the program : ADDON COURSE ON HTML
Duration : 6 Months
List of students enrolled (with signature of students)

ENROLLED STUDENTS	SCORE
JIBIN B	36.0
AL-AMEEN M S	14.0
AMAL ALPHONS	35.0

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JUSTIN JOSEPH	25.0
GOKUL S KUMAR	47.5% - Certificate
BIJITH B S	Never submitted

Curriculum

HTML, which stands for HyperText Markup Language, is the predominant markup language for web pages. HTML elements are the basic building-blocks of web-pages.

HTML is written in the form of HTML elements consisting of tags, enclosed in angle brackets, within the web page content. HTML tags normally come in pairs like <h1> and </h1>. The first tag in a pair is the start tag, the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, tables, images, etc.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts in languages such as JavaScript which affect the behaviour of HTML web-pages.

Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

HTML - Hyper Text Markup Language
HTML elements form the building blocks of all websites. HTML allows embedding of images and objects and is extensively used to create interactive forms and webpages.

Useful for UG/PG students, working professionals - Multi-disciplinary

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

This addon course has taught the students to use HTML to create their own website. HTML is the universal markup language for the Web. HTML lets you format text, add graphics, create links, input forms, frames and tables, etc., and save it all in a text file that any browser can read and display. Additional examples and exercises provided were very much useful for students.

ADDON COURSE 3

Name of the program : ADDON COURSE - PYTHON 3.4.3 TRAINING
Duration : 6 Months
List of students enrolled (with signature of students)

ENROLLED STUDENTS	**Score**
ABHJITH A	40.0% - Certificate

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ABHIJITH A S	30.0
ANANDA KRISHNA P	65.0% - Certificate
Anugrah Krishnan	70.0% - Certificate
ASWIN SANTHOSH	65.0% - Certificate
DION JOHNSON	50.0% - Certificate
Evin Davis	50.0% - Certificate
JACOB SHAJI	30.0
JEFFIN REJI	50.0% - Certificate
PAULSON THOMAS	40.0% - Certificate
SANGEETH R S	30.0
SREEJESH J R	35.7
SHRUTHI KRISHNA S	45.0% - Certificate

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NEERAJA KASTHURI JN	28.7
ALOYSIUS JOJO	51.0% - Certificate

Curriculum

Upon successfully completing this course, students will be able to "do something useful with Python".

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

The following topics were discussed.

- Introduction
- Functions, Booleans and Modules
- Sequences, Iteration and String Formatting
- Dictionaries, Sets, and Files
- Exceptions, Testing, Comprehensions
- Advanced Argument Passing, Lambda -- functions as objects
- Object Oriented Programming
- More OO -- Properties, Special methods
- Iterators, Iterables, and Generators
- Decorators, Context Managers, Regular Expressions, and Wrap Up

https://spoken-tutorial.org/media/videos/89/Python-3.4.3-Brochure-English.pdf

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Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

The add-on course focuses on Python data structures, and works with string, list, and range sequences. It helps to discover the power of list iteration, and learn about string and list methods, the details on file input and output—open files, read them, add to them, close them, and more. At the end of the course, students were able to slice strings into substrings, create lists, iterate through them, import files, and use file append mode, along with a lot of other practical Python tasks, as they started coding.

ADDON COURSE 4

Name of the program : ADD ON COURSE ON INTRODUCTION TO CODING
Duration : 15 hrs
List of students enrolled (with signature of students)

1. Akhil B S
2. Adithya Anil A.S
3. Gayathry Krishnan

4. Vysakh.R.V
5. Vipin M K
6. Aparna. S
7. Ajil Sathyan
8. Ananda Krishna A S
9. Vishnu P
10.Anjana P Nair
11.Karthika KS
12.Indrajith SR
13.Sreelal. C. J
14.Shibina Shajahan
15.Vidhu.Ws
16.Nandana K.M
17.Dency Antony
18.Abiya U
19.Abdul Rahim
20.Arya S Baiju
21.Megha P

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22.Gowrikrishna SK
23.Karthik Satheesh

24.Abhirag B Nair
25.Shifa Sabu
26.Goury G B
27.Kannan Satheesh
28.Sruvin S Kumar
29.Amritha A R
30.Lekshmi R R
31.Abdul Rahim
32.Aarsha Vargeese A
33.Aparna Jayan .S
34.Arjun C S
35.Alenta Selvaraj
36.Gowri Lekshmi.A
37.Abhilash V R
38.Devika.P.S
39.D R Gokul

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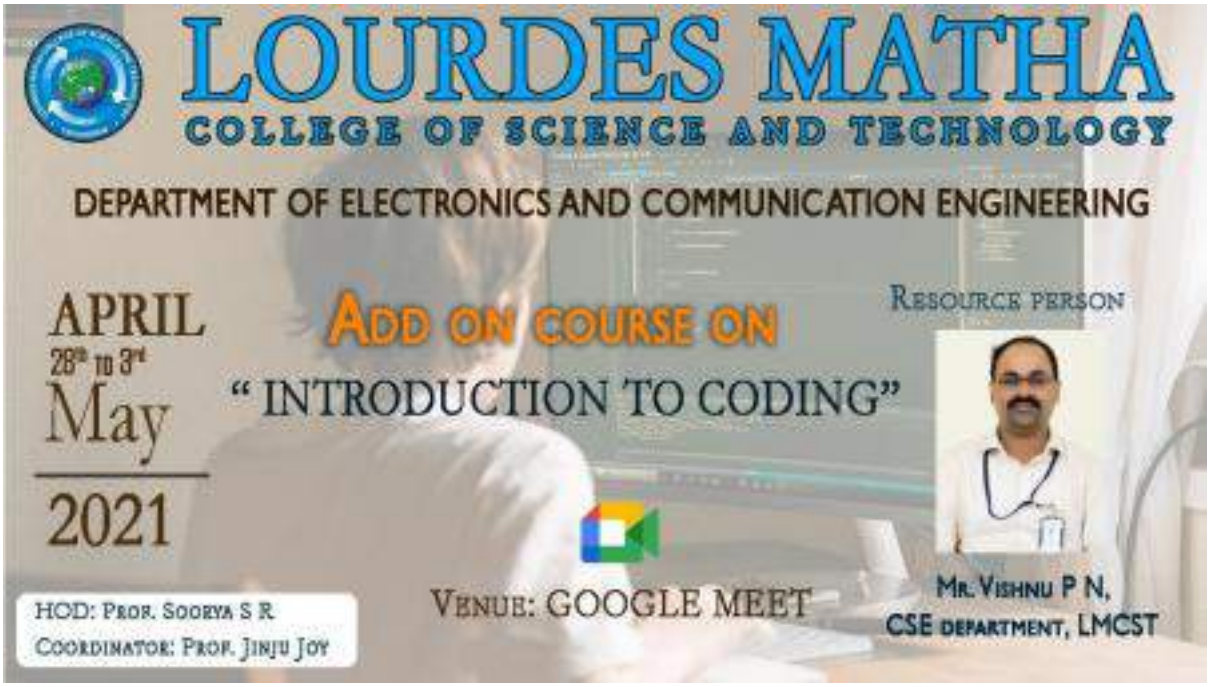
40.Ashni S Baiju
41.George John
42.Parvathy Suresh
43.Abhishek S
44.Antony Joshy



Meeting Platform : Google Meet

Date/Time : 28th April to 3rd May 2021.

Registration Fee : Free

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Speaker : Mr. Vishnu PN, LMCST

Event Organizer : Ms. Jinju Joy, Assistant Professor

No of Participants : 44
List of Participants

CERTIFICATE
OF PARTICIPATION

This is to certify that
Mr/Ms. VIPIN M K
of *Lourdes Matha College of Science And Technology* has actively participated in the Add on Course on "Introduction to Coding" organized by the Department of Electronics and Communication Engineering, Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram from 28th April to 3rd May 2021.

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Prof.Soorya S R
(HOD)
Dept of ECE

Dr. Mohanlal P.P
(Principal)
LMCST

Curriculum :

S. No.	Topic	Minimum No. Of Hours

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1	Introduction to Java	02 Hrs
2	Data types & operator	04 hrs
3	Control Structure	03 hrs
4	Functions	04 hrs
5	Arrays,Classes & Objects	05 hrs
6	Inheritance	03 hrs
7	Polymorphism and Overloading	03 hrs
8	Exception handling	03 hrs
9	File handling Operations	03hrs
Total Hours		15 hrs

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Assessment procedure :

Exam Details :

Number of Questions	50
Type of Questions	MULTIPLE CHOICE
Length of Test	120 Minutes
Passing Score	40%
Languages	English

Summary Report:

After the completion of the course, the participant was able to:

- Understand the basic terminology used in computer, write, compile and debug programs in Java language and use different data types in a computer program.
- Understand object-oriented programming features in Java
- Apply these features to program design and implementation.
- Understand object-oriented concepts and how they are supported by Java
- Apply the concept of objects,inheritance etc.

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ADDON COURSE 5

Name of the program : ADDON COURSE FOR BEGINNERS - B.TECH

Duration : 30 Hrs

List of students enrolled (with signature of students)

Enrolled Student	Batch	Mark
Anjana v kumar	EC	20
Amal Babu	CSE	20
Sreerag s	CE	20
Fahad M	CSE	20
Doncy Mariya	CE	20
AKSHAY KRISHNA A	CSE	20
Shivani R Nair	CSE	20
Akshaya Sajeev	EC	20
Ahammed shameem	CSE	20
S P Pooja	EC	20
Adeep	EC	20
Nandan S	CSE	20
Akshaya mohan	EEE	20
Sandhra A Saras	CE	20
Swathy A Saras	CE	20
ADITHYAN SA	EC	20
Brijesh A C	CSE	20
Farha kabeer	CSE	20
Adithya S P	CE	20
TheerthaNath R	CE	20
Aromal S	CSE	20
Augustin joseph	CSE	19
Sreejith S J	CSE	19
Anurag A V	ME	19
Abdul Rahuman	CSE	19

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Harsha D R	CE	19
Alby Binu	CSE	19
Devika Nandana SB	EC	19
Deepak Dileep	CSE	19
Adarsh SK	CSE	19
Abhishek.B	CSE	19
Abhishek. M. S	CSE	19
Amal Cyril	CSE	19
NAMITHA MANOJ	CSE	19
Melbin varghese	CSE	19
IRENE GK	EEE	19
Mridhula Mohan S	CE	19
Abhijitha UR	EEE	19
Diya Rajesh	CSE	19
Anjana TP	CSE	19
Akshay RD	CE	19
Rithika RS	EEE	19
Adiya Sneha Simon	CSE	19
Anexe Joseph	ME	19
Abhin Krishna M.B	CSE	19
ELIAS K BOBY	CSE	19
Sreehari S R	EEE	19
Rahul. B. S	ME	19
Ansiya S	CSE	19
Abhiram Sukesh	EEE	19
Adhwaith S L	CE	19
Akhil AS	CSE	19
Nabeel mohammed A	CSE	19
Namitha P J	CE	19
Navaneeth ps	EC	19
Anna Saraphin M	CSE	19
Rohan v Ronald	CSE	19
Vivek V H	CSE	19

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Midhun Krishna M S	CE	19
Ashish s m	CE	18
Abhijith	ME	18
Liza Mary Kuriyan	CSE	18
KAVYA R.S	CSE	18
Sajna s	CE	18
R AALSAN JAAS	CSE	18
Aswin Raj M.S	EC	18
Anto sagar	CE	18
Vaishnav V Nair	ME	18
Ayush Antony	CSE	18
Gokul G B	EC	18
Akash DR	CSE	18
Anvin Saji	CSE	18
SIJO	ME	18
Bijin Mathew	CSE	18
Adarsh A S	CSE	18
Sabarinath AS	CSE	18
SHIYAD.S	CSE	18
Bimalkanth Mitra v	CE	18
Jishnu soman	CSE	18
Neha Mary Thomas	CSE	18
Binta Antony	CSE	18
Nickole biju	CSE	18
Manaf	CSE	17
Renoy.B.R	EEE	17
Anjana M A	CSE	17
Shabnam.S.J	EC	17
Sivadeth	CSE	17
Sam Mathew	CSE	17
M. H. D SAFWAN	ME	17
Akshay.R.S	ME	17
GOKUL S NAIR	CSE	17

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Alan Jacob	CSE	17
Akhilesh A	CSE	17

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MINUTES OF ADD-ON COURSE FOR BEGINNERS - B.TECH	
Date:**11.10.2021**	Academic Year : 2020 -2021
Venue: Google Meet	Time: 1:30pm
Members Present	
1. Dr. P.P. Mohanlal, Principal 2.Prof. Soumya V S, ECE 3.Prof. Renu V, EEE 4.Prof. Sammil S, ME	5.Prof. Priya Sekhar, CSE 6. Prof. Renetha J B, CSE. 7.Prof. Christy Jojy, CSE 8.Prof. Asha S, CSE 9. Prof. Sumitha Rani, CE

Sl. No.	Suggestions and Discussions	Remarks/ Actionee
1	Discussed to conduct an add-on course for beginners-Btech from 25.10.2021 – 16.11.2021 via online mode and the coordinator for the program were identified.	principal
2	Suggested that the course should cover all the basic topics of engineering subjects, which will be helpful for the students to get the idea on engineering subjects.	faculties
3	Discussed to split the total students to 4 different batches for the add-on course so that the students will get equal attention.	faculties
4	Discussed to conduct an assessment test at the end of the add-on course.	principal
5	Discussed to provide certificate to all students attending add-on course and toppers of the assessment test.	faculties
6	Suggested the faculties to identified the subjects and the resource person for the add-on course	Principal

Actions Taken

Sl.No.	Decisions	Remarks
1	Identified the subjects and the resource person for the add-on course	
2	Divided the students into 4 different batches	
3	Assessment test is done at the end of add-on course	
4	Toppers of the test are identified and certificates were distributed	

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Curricullum

Lourdes Matha College of Science and Technology		
Orientation Programme For S1 BTech 2021		
BATCH 1		
Day	**1st hour**	**2 nd hour**
	9 to 10 am	**10.30 to 11.30 am**
Monday	Physics (Dr. Lekshmi .P. Nair)	Engg. Mech(Profs. Sneha S B)
Tuesday	Maths(Profs. Susan Rosh Jose)	Graphics (Profs. Sabarinath)
Wednesday	Maths (Profs. Susanth S G)	Physics(Dr. K Retnakumari)
Thursday	Engg. Mech(Profs. Anuja Sankar)	Maths (Profs. Maya G S)
Friday	Maths(Profs. Susan Rosh Jose)	Graphics(Profs. Sabari Nath)

Syllabus covered:

Engineering Physics: Need of Physics for Engineers, Units and dimensions, Waves, Optics - general information, Applications of optics, Introduction to lasers, Introduction to Fibre optics, Basics of nanotechnology

Engineering Mechanics: Force and its type, representation of a force, system of units of force, resolution of force.

Engineering Mathematics: Basic of Matrices, Basic of Trigonometric functions, Differential equations, Integral Functions, Simple problems on Differential and Integral Functions.

Engineering Graphics: Introduction to graphics, Importance of Engg Graphics, Dimensioning styles, Two planes in Graphics, Orthographic views

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introduction, Four quadrants in graphics, First and third angle projections, Introduction to projection and projection of points

Assessment procedures year-wise :

- Duration of the test - 30 minutes
- Objective type questions will be provided
- Maximum score is 20; Minimum score for a pass is 10.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

Orientation program for beginners begins before classes start. This is to ensure that the students take-off fully motivated and prepared in the right mode and direction with their studies.The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.The students were introduced to basic topics in all the engineering subjects so that they could get an idea about the engineering subjects. This add-on course for the beginners was very useful for the students because it helped them to get the right direction and guidance in enrolling for classes.

ADDON COURSE 6

Name of the program : ADDON COURSE FOR BEGINNERS - B.TECH
Duration : 30 hrs
List of students enrolled (with signature of students)

ATTENDANCE SHEET

SL NO	NAME OF STUDENT	YOGA/EXER SLOT	KTU SESSION	KTU SESSION	DEPT SESSION	SPORTS
1	ALIN JOB	✓	✓	✓	✓	✓

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2	SAYUJYA S NAIR	✓	✓	✓	✓	✓
3	GEORGE JOHN	✓	✓	✓	✓	✓
4	KEERTHI DAS	✓	✓	✓	✓	✓
5	ABIYA	✓	✓	✓	✓	✓
6	SANGEETH LAL	✓	✓	✓	✓	✓
7	SRUVIN S KUMAR	✓	✓	✓	✓	✓
8	KARTHIKA K S	✓	✓	✓	✓	✓
9	NANDANA K M	✓	✓	✓	✓	✓
10	ANJALI A S	✓	✓	✓	✓	✓
11	APARNA S D	✓	✓	✓	✓	✓
12	APARNA S JAYAN	✓	✓	✓	✓	✓
13	ANGEL MARY VARGHESE	✓	✓	✓	✓	✓
14	ASHIK NOUSHAD	✓	✓	✓	✓	✓
15	ARGUN G S	✓	✓	✓	✓	✓
16	GOWRI LEKSHMI	✓	✓	✓	✓	✓
17	ARTHUR SAMUEL	✓	✓	✓	✓	✓
18	SHREYA SHIBU	✓	✓	✓	✓	✓

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19	RISHYA SRINGAN	✓	✓	✓	✓	✓
20	NOVA AJITHA	✓	✓	✓	✓	✓
21	LAYA JO	✓	✓	✓	✓	✓
22	ANNIE RAJ	✓	✓	✓	✓	✓
23	ASHNI S BAIJU	✓	✓	✓	✓	✓
24	ANTONY JOSHY	✓	✓	✓	✓	✓
25	AARSHA VARGHESE	✓	✓	✓	✓	✓
26	ALENTA SELVARAJ	✓	✓	✓	✓	✓
27	HAMIN MANOHAR	✓	x	x	x	✓
28	ARAVIND P SUDHEESH	✓	✓	✓	✓	✓
29	GOWRI KRISHNA S K	✓	✓	✓	✓	✓
30	JITHIN	✓	✓	✓	✓	✓
31	INDRAJITH	✓	✓	x	✓	✓
32	SIDHARTH	✓	✓	✓	✓	✓

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ADDON COURSE PROGRAM SCHEDULE FOR S1 B.TECH

DAY	6.30-7.30 AM	9.15-11.15 AM	TEA	11.30-1.00 PM	LUNCH	2.00 3.30 PM	5.30-7.00 PM
30/11/20	Yoga/Exercise – Phy.Ed	KTU Session (Dept)		KTU Session (Dept)		Familiarization with College & Department	Sports– Phy.Ed
01/12/20	Yoga/Exercise– Phy.Ed	KTU Session (Dept)		KTU Session (Dept)		KTU Session (Dept)	Sports– Phy.Ed
02/12/20	Yoga/Exercise– Phy.Ed	UHV Dr.Smitha J C, CSE (Common)		KTU Session (Dept)		KTU Session (Dept)	Sports– Phy.Ed
03/12/20	Yoga/Exercise– Phy.Ed	KTU Session (Dept)		India Quiz – Dr.Johnson Y, EEE (Common)		Alumni Mentoring (Dept)	Sports– Phy.Ed
04/12/20	Yoga/Exercise– Phy.Ed	KTU Session (Dept)		Motivation Talk - (Common)		UHV Prof.Jayaram V, ME (Common)	Sports– Phy.Ed

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05/12/20	Yoga/Exercise– Phy.Ed	Counseling- (Common)		Interaction with Parents (Common)			

PROGRAMME OBJECTIVES

• **ENABLE INTERACTION:-** Designing ice breaking sessions, organizing formal and informal sessions with faculty/staff/senior students and alumini

• **ENGAGEMENT:-** Workshops on paper engineering , design thinking and gamification

• **ENHANCING AWARENESS:-** India quiz,interactive sessions on institute values, human values an ethics , campus philosophy

• **EMOTIONAL CONNECT:-** Video presentation, expressing their stories etc

Feedback Of Students

NAME	DAY 1 (Inaguration session and Creative learning workshop) Rate the sessions you attended in terms of usefulness and effectiveness	Day 2 (sessions by Dr.Debashish Chatterji and Dr.Alexander Jacob) Know your discipline -panel discussion) The presentation was clear and informative	Day 3 Creative learning workshop (Speaker Dr.Ekbal .B and Prof.Manish Jain) Did the speakers discuss the topics clearly?	Day 4 Creative learning workshop by Prof Manish Jain) Did the speaker give out important information and insights during the presentation ?	Day 5 Excelling in Engineering Education :- Role of student startups. (Speaker:-Dr Saji Gopinath) Was the session informative?
Rishyasringan .A ECE	Excellent	Excellent	Yes	Yes	Yes
Gowrikrishnask	Excellent	Excellent	Yes	Yes	Yes

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Arthur Samuel joy	Excellent	Excellent	Yes	Yes	Yes
Nandana K.M	Excellent	Excellent	Yes	Yes	Yes
Alenta Selvaraj	Good	Good	Yes	Yes	Yes
George John	Excellent	Good	Yes	Yes	Yes
Annie raj.p.s	Excellent	Excellent	Yes	Yes	Yes
Ashni S Baiju	Excellent	Excellent	Yes	Yes	Yes
Karthika KS	Excellent	Excellent	Yes	Yes	Yes
SRUVIN S KUMAR	Excellent	Excellent	Yes	Yes	Yes
Aparna jayan .s	Excellent	Excellent	Yes	Yes	Yes
Gowri Lekshmi.A	Excellent	Excellent	Yes	Yes	Yes
Anjali A S	Good	Good	Yes	Yes	Yes
Angel Mary Varghese	Good	Good	Yes	Yes	Yes
Abiya U	Excellent	Excellent	Yes	Yes	Yes
Alin Job	Fair	Good	Yes	Yes	Yes

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

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SUMMARY

Transition from school to university/college life is one of the most challenging events in a student's life. Currently, precious little is done by most institutions, except for an orientation program lasting a couple of days. Student Induction is designed to help in the whole process.There will be a one week long induction program for the UG students entering the institution,right at the start. Normal classes start only after the induction program is over. Purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, set a healthy daily routine, help them build bonds with other students and faculty members, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature and expose them to a sense of larger purpose and self exploration. These would range from issues of national and international significance, ethics, sports and physical exercises, community service, sketching, artwork, and many more.

ADDON COURSE 7
Name of the program : CERTIFICATE PROGRAM-AWS CLOUD FUNDAMENTALS
Duration : 3 Months
List of students enrolled (with signature of students)

student_name	student_register_number (KTU NUMBER)	student_branch_code (Semester)	student_batch_name(Branch Name)
Abhijith M S	LMC18CS001	S5	CSE

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Akhil A G	LMC18CS002	S5	CSE
Akhil Nath P.S.	LMC18CS003	S5	CSE
Akshay Krishnan R	LMC18CS004	S5	CSE
Akshay Nath	LMC18CS005	S5	CSE
Ally S Nair	LMC18CS006	S5	CSE
Anoop S Anil	LMC18CS007	S5	CSE
Bibin Mathew Thomas	LMC18CS009	S5	CSE
Dany Thomas	LMC18CS010	S5	CSE
Jibitha Rose B.	LMC18CS011	S5	CSE
Jitheesh Krishnan	LMC18CS012	S5	CSE
Jithu Jose Mathew	LMC18CS013	S5	CSE
Kevin Thomas Sergi	LMC18CS014	S5	CSE
Midhun Mohan M	LMC18CS015	S5	CSE
Muhammad Sajaad	LMC18CS016	S5	CSE
Nandhana Shankar	LMC18CS017	S5	CSE
Priyadarsini J	LMC18CS019	S5	CSE
Rahul Kumar R	LMC18CS020	S5	CSE
Rohan Thomas Reji	LMC18CS021	S5	CSE
Rohit Tojo	LMC18CS022	S5	CSE
Sangeeth C.S.	LMC18CS023	S5	CSE
Shijin Thankachan	LMC18CS024	S5	CSE
Shivashankar R.P	LMC18CS025	S5	CSE

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Surya W S	LMC18CS026	S5	CSE
Swathy R Suresh	LMC18CS027	S5	CSE
Tiju Thomas	LMC18CS028	S5	CSE
Vijikumari V C	LMC18CS029	S5	CSE
Vishnu Priya J R	LMC18CS030	S5	CSE

CURRICULUM

In this course, students learn about :

- The foundations of cloud computing

PRINCIPAL

- The core AWS services, including compute, network, databases, and storage
- Security best practices and compliance in the AWS Cloud
- The cloud costs, economics, and billing practices of the AWS Cloud

Assessment Pattern

Exam overview

Level: Foundational

Length: 90 minutes to complete the exam

Format: 65 questions; either multiple choice or multiple response
Delivery method: Pearson VUE and PSI; testing center or online proctored exam

Summary Report

This certification helps professionals to build credibility and confidence by validating their cloud expertise with an industry-recognized credential. It helps skilled professionals to obtain the various type of AWS certificate according to his/her skill. Amazon offers a certification for different IT professionals like Cloud Practitioner, Architect, Developer, and Operations roles. Moreover, it also provides certain Specialty certifications to validate advanced skills in specific technical areas.

This certification course helped the sudents to gain knowledge about various types of cloud technology roles with a method to validate their AWS Cloud knowledge to enhance credibility as an IT professional.

By the end of this course, they understood AWS services and how they are leveraged to build applications and provide products and services in the real world.

ADDON COURSE 8

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Name of the program : CERTIFICATE PROGRAM-GOOGLE ACE
Duration : 4 Months
List of students enrolled (with signature of students)

ENROLLED STUDENTS
AARSHA B R
ADITHYAN G
AISWARYA S
AKHIL RAJ
ANCY B RAJ
JESER A J
KRISHANUNNI MENON C S
VISMAYA A V

PRINCIPAL

Curriculum

The Google GCP-ACE exam preparation guide is designed to provide candidates with necessary information about the Associate Cloud Engineer exam. It includes exam summary, sample questions, practice test, objectives and ways to interpret the exam objectives to enable candidates to assess the types of questions-answers that may be asked during the Google Cloud Platform - Associate Cloud Engineer (GCP-ACE) exam.

The Google Associate Cloud Engineer certification is mainly targeted to the candidates who want to build their career in Cloud domain and demonstrate their expertise. The key aspects of the course includes:

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- Setting up a cloud solution environment
- Planning and configuring a cloud solution
- Deploying and implementing a cloud solution
- Ensuring successful operation of a cloud solution
- Configuring access and security

Assessment procedures year-wise :

Exam Name	Google Associate Cloud Engineer
Exam Code	GCP-ACE
Duration	120 minutes
Number of Questions	50
Passing Score	Pass / Fail (Approx 70%)
Recommended Training / Books	Google Cloud training Google Cloud documentation Google Cloud solutions
Schedule Exam	PEARSON VUE
Sample Questions	Google GCP-ACE Sample Questions
Recommended Practice	Google Cloud Platform - Associate Cloud Engineer (GCP-ACE) Practice Test

Summary Report

An Associate Cloud Engineer deploys and secures applications and infrastructure, monitors operations of multiple projects, and maintains enterprise solutions to ensure that they meet target performance metrics. Upon completing the course students were able to use Google Cloud Console and the command-line interface to perform common platform-based tasks to maintain

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and scale one or more deployed solutions that leverage Google-managed or self-managed services on Google Cloud.

ADDON COURSE 9
Name of the program : ADDON COURSE -MACHINE LEARNING
Duration :30 hrs
List of students enrolled (with signature of students)

ENROLLED STUDENTS
AAROMAL S
AARSHA B R
ADITHYAN G
AISWARYA S
AKHIL RAJ R C
ANCY B RAJ
ANOOP S
ASIF MOHAMMED M
BIJI JOY
BINILA RAJ R L
DEEPU G NAIR
JESER A J
JEWELL JERIN
JITHU PAUL

PRINCIPAL

KRISHNANUNNI MENON C S
NANDANA VIJAYAN
NANDU KRISHNA A L
NEETHU MATHEW
NIMMY SURESH
SAJIN C S
SURYA S
VARUN DEV T V
VISMAYA MOHAN J V
AKHILA S J
BIBITHAMOL BABY
LINCYMOL ABRAHAM
NAZEEHA S
SRUTHI S
SUMI S
ABHIJITH M S
APARNA B M
HIRAL ASNA KUMAR
ABHIJITH M S
AKHIL A G
AKHIL NATH P S
AKSHAY KRISHNAN R

PRINCIPAL

AKSHAYNATH A
ALLY S NAIR
ANOOP S ANIL
BEN JOHN S
BIBIN MATHEW THOMAS
DANY THOMAS
JIBITHA ROSE B
JITHEESH KRISHNAN
JITHU JOSE MATHEW
KEVIN THOMAS SERGI
MIDHUN MOHAN M
MOHAMMAD SAJAAD
NANDHANA SHANKAR
NEERAJA KASTHURI J N
PRIYADARSINI J
RAHUL KUMAR R
ROHAN THOMAS REJI
ROHIT TOJO
SANGEETH C S
SHIJIN THANKACHAN
SHIVA SHANKAR R P
SURYA W S

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SWATHY R SURESH
TIJU THOMAS
VIJIKUMARI V C
VISHNU PRIYA J R

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CERTIFICATE

OF PARTICIPATION

Presented to AKSHAYNATH A for successfully completing the Add-on Course on "*Machine Learning*" conducted from March 23rd to March 27th 2021 organized by FOSS Club, Department of Computer Science and Engineering, Lourdes Matha College of Science and Technology in association with ICFOSS.

Prof.Asha S
FOSS Club Staff Coordinator
& Assistant Professor ,
Department of Computer Science and Engineering,
LMCST

Dr. Beshiba Wilson
Associate Professor & HOD,
Department of Computer Science and Engineering,
LMCST

Dr.P.P.Mohanlal
Principal,
LMCST

CURRICULUM

PRINCIPAL

The Add-on Course on Machine learning provides a chance for the students to learn the basics of Machine Learning.This course will be covering Python for Data Science, the importance of statistics and EDA, the underlying intuition behind several machine learning algorithms, and then solve case studies/projects using Machine Learning concepts in Python.

The aim of the **Machine Learning Course** is:

- Help you understand how this field is transforming and disrupting industries
- Acquaint you with the core machine learning algorithms
- Enhance and complement your learning through competition and hackathon exposure

Assessment Procedure

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

SUMMARY

The Add-on Course on Machine learning helped the students to learn the basics of Machine Learning.This course covered Python for Data Science, the importance of statistics and EDA, the underlying intuition behind several machine learning algorithms, and then solved case studies/projects using Machine Learning concepts in Python.

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ADDON COURSE 10

Name of the program : ADDON COURSE -WEBSITE DEVELOPMENT USING WORDPRESS

Duration :30 hrs

List of students enrolled (with signature of students)

ENROLLED STUDENTS
AARSHA B R
ABHIJITH KRISHNAN A I
ABHIJITH M S
AKHIL A G
AKSHAY KRISHNAN R
ALLY S NAIR
ANOOP S ANIL
BIBIN MATHEW THOMAS
DANY THOMAS
JIBITHA ROSE
KEVIN THOMAS SERGI
MMIDHUN MOHAN
MOHAMMED SAJAD
NANDHANA SHANKAR
PRIYADARSHINI K
RAHUL KUMAR

PRINCIPAL

ROHIT TOJO
SHIJIN THANKACHAN
SWATHY SURESH
SHIVASHANKAR R P
TIJU THOMAS
VIJIKUMARI V C
VISHNUPRIYA J R
AARSHA B R
BIJI JOY
JITHU PAUL
NIMMY SURESH
SAJIN
SURYA S
ROHAN THOMAS REJI

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Curriculum

WordPress is a supreme web development platform to manage your skills and to create flexible and scalable solutions. When compared to features, functionality, and performance there is no other platform that matches WordPress.In WordPress development, the Application programming interface is very specific in function and provides a great resource to developers. This course on "Website development using Wordpress" covers :

- Importance of planning your Wordpress website
- Various aspects of your Wordpress website that require planning
- Getting Started with Wordpress Website

PRINCIPAL

- Tools and settings available on the Wordpress dashboard
- Work Along & Build your own Wordpress Website

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

At the start of this course, students got familiar with WordPress. They were familiarised with adding pages, installing themes and the media library, all which were demonstrated using practical examples. After that they were introduced to creating blog posts, pages, navigation menus and installing themes. After covering the basics, they were trained on customizing their blog and on optimizing a website for search engines.

ADDON COURSE 11
Name of the program : ADDON COURSE -SCIENTIFIC COMPUTING WITH PYTHON
Duration :30 hrs
List of students enrolled (with signature of students)

ENROLLED STUDENTS
A.S.Aromal

PRINCIPAL

Aarsha Varghese A
ABDUL RAHIM
Abhijith AS
ABHIJITH MS
Abhijith S J
Abhirag B Nair
Abin Raj B
Abiya U
Adhwaith Krishnan J R
Adithi Mohan
ADITHYA ANIL A S
Aiswarya L Gopal
AKHIL B S
Akshaya M
Alby C Alex
Aleena Shaji
Alex Tom Andrews
Algeena Shaji
Alin Job
Aloysius Jojo
AMRITHA A R

PRINCIPAL

Anakha Prathap
Ananda Krishna A S
Anantha Krishna T
Angel Mary Varghese
Angelina Robin
Anjali J
Anjaly Biju
Ann Treesa Tijo
Annie Raj.P.S
Anoop S Anil
Aparna jayan.s
APARNA.S
Arshal M Paul
Arun Sundar S
Arya.A.R
Athira A S
Bibin Mathew Thomas
Bijimol SS
Bismi Ansari
Cerin Susan Prakash
D R Gokul

PRINCIPAL

Deepika A Nair
Dency Antony
Devika.P.S
DION JOHNSON
EMIL SHAJI
Emma Theresa Jose
Emna Elizabeth Jose
Evin Davis
Gayathri Rajendran L
GOURY G B
Govind Asok
Gowrikrishna SK
Jacob Shaji
JEFFIN REJI
Jibitha Rose.B
Jiffin Mathew Graison
Jins K Varghese
Jith Abraham
Johaan Paul Joe
Josemon S S
Joshu Joseph

PRINCIPAL

Kailas R Sekhar
Kannan Satheesh
KARIM AFSAL
KARTHIK NANDAN K.Y
Karthik Satheesh
Laya Jo GS
Lincy L. S
Lokitha P L
Malavika J.P
Manjith Hemachandran
Midhun Mohan M
Mohammad Sajaad
N Sekhar Aditya
Nandana V S
Neeraja Kasthuri J N
Nova Ajitha Samkutty
Parvathi Ajeesh
Paulson Thomas
Paulwin SR
Pheba S S
Rilu M Renchi

PRINCIPAL

Rini Theresa
Roopak Roshan R
Rosmin Rose Binoy
Sandra Alex
Shivashankar R.P
Shruthi Krishna S
Sneha Ramesh
Sona Krishna RS
Sona Saji
Soorya S Suresh
Sreeranjini R S
Sumitha Varghese
VIDHU W S
Vijikumari V C
Vysakh.R.V

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Curriculum

Date	Time	Topic	Resource Person
Day 1 May 29	1:00PM-3:00PM	Basics of Python, Data Types, Rules for defining variables, Operators, Simple Programs on Python - Addition of 2 numbers, Largest of Three numbers	**Mr. Vishnu P Narayanan, Lab Faculty, Department of CSE, Lourdes Matha College of Science and Technology**
Day 2 June 5	2:00PM-4:00PM	Explanation of Selection Statements, if-else, if-elif-else, while loop, for loop, nested for loops, Programming examples based on these.	
Day 3 June 12	2:00PM-4:00PM	Basics of Arrays, Lists, Tuples, DIctionary with Programming examples	
Day 4 June 29	2:30PM-3:30PM	Basics of Functions and OOP in Python with programming examples on parameter passing techniques	

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Day 5 July 5th	2:00PM-3:30PM	Basics of OOP including classes, object creation, array of objects and inheritance.	
Day 6 July 7th	3:00PM-4:30 PM	Basics of numpy and matplotlib with programming examples and tools for scientific computing	

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

The programme "Scientific Computing with Python" aims to give the opportunity to students to learn, develop and execute Python programs using Python IDE or Visual Studio IDE or online Python interpreter onlinegdb, https://www.onlinegdb.com/online_python_interpreter. This course covers various sessions on selection, looping statements in order to mould the students to develop their own programs.

ADDON COURSE 12

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Name of the program : ADDON COURSE - HTML
Duration :6 months
List of students enrolled (with signature of students)

STUDENT NAME	SCORE
ANOOP S ANIL	65.0% - Certificate
NANDHANA SHANKAR	57.5% - Certificate
SANGEETH C S	67.5% - Certificate
BIBIN MATHEW THOMAS	77.5% - Certificate
JITHEESH KRISHNAN	62.5% - Certificate
AKSHAY KRISHNAN R	47.5% - Certificate
PRIYADARSINI J	52.5% - Certificate
JITHU JOSE MATHEW	65.0% - Certificate
ROHIT TOJO	20.0

PRINCIPAL

MIDHUN MOHAN M	65.0% - Certificate
ALLY S NAIR	67.5% - Certificate
JIBITHA ROSE B	57.5% - Certificate
VISHNU PRIYA J R	65.0% - Certificate
TIJU THOMAS	22.5
ROHAN THOMAS REJI	57.5% - Certificate
MOHAMMAD SAJAAD	55.0% - Certificate
DANY THOMAS	47.5% - Certificate
RAHUL KUMAR R	42.5% - Certificate
ABHJITH MS	60.0% - Certificate
AKSHYANATH A	45.0% - Certificate
SHIVASHANKAR R P	57.5% - Certificate

PRINCIPAL

KEVIN THOMAS	62.5% - Certificate
SHIJIN THANKACHAN	67.5% - Certificate
SURYA W S	60.0% - Certificate
SWATHY R SURESH	47.5% - Certificate
VIJIKUMARI V C	62.5% - Certificate

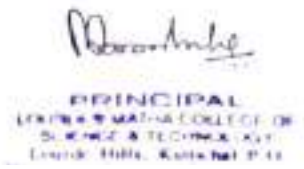
Curriculum

HTML, which stands for HyperText Markup Language, is the predominant markup language for web pages. HTML elements are the basic building-blocks of web-pages.

HTML is written in the form of HTML elements consisting of tags, enclosed in angle brackets, within the web page content. HTML tags normally come in pairs like <h1> and </h1>. The first tag in a pair is the start tag, the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, tables, images, etc.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts in languages such as JavaScript which affect the behaviour of HTML web-pages.



Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

HTML - Hyper Text Markup Language
HTML elements form the building blocks of all websites. HTML allows embedding of images and objects and is extensively used to create interactive forms and webpages.

Useful for UG/PG students, working professionals - Multi-disciplinary

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

This addon course has taught the students to use HTML to create their own website. HTML is the universal markup language for the Web. HTML lets you format text, add graphics, create links, input forms, frames and tables, etc., and save it all in a text file that any browser can read and display. Additional examples and exercises provided were very much useful for students.

ADDON COURSE 13
Name of the program : ADDON COURSE - LINUX
Duration :6 months
List of students enrolled (with signature of students)

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STUDENT NAME	Score
ABHIJITH D S	26.7
ABHIJITH S J	53.3% - Certificate
ABHIN S	41.1% - Certificate
ABIN RAJU	54.4% - Certificate
ABIN RAJ B	43.3% - Certificate
ADHWAITH KRISHNAN J R	43.3% - Certificate
ADITHI MOHAN	51.1% - Certificate
AISWARYA S	40.0% - Certificate
AISWARYA L GOPAL	45.6% - Certificate
AISWARYA T S	41.1% - Certificate
AJAYRAM R J	45.6% - Certificate
AJO JOJI	46.7% - Certificate
AKSHAYA M	
ALEENA JOHN	40.0% - Certificate
ALEN ANTONY	25.6

PRINCIPAL

ALGEENA SHAJI	44.4% - Certificate
AMRUTHESH KUMAR	
ANAKHA PRATHAP	48.9% - Certificate
ANEENA SEBASTIAN	41.1% - Certificate
ANEETA VARGHESE	
ANJALI J	44.4% - Certificate
ANJALY BIJU	
ANVY GEEN	
ARAVIND SANTHOSH	48.9% - Certificate
ARYA A R	50.0% - Certificate
ASHBIN MARTIN	60.0% - Certificate
ASHIK SIBY	
ASHIN C REJI	60.0% - Certificate
ATHIRA A S	60.0% - Certificate
CERIN SUSAN PRAKASH	45.6% - Certificate
DEEPU S RAJ	

PRINCIPAL

DEVANARAYANAN S S	46.7% - Certificate
EMIL THOMAS	
FLEDIN JOSHUA GEORGE	40.0% - Certificate
GAUTAM G	66.7% - Certificate
GAYATHRI RAJENDRAN L	60.0% - Certificate
GOVIND ASOK	45.6% - Certificate
JIBY JACOB	46.7% - Certificate
JINS K VARGHESE	66.7% - Certificate
JOBIN JOY	43.3% - Certificate
JOHAAN PAUL JOE	60.0% - Certificate
JOSAPHINA BENNY	41.1% - Certificate
JOSHU JOSEPH	
K G BHARATH SHANKAR	43.3% - Certificate
KARTHIK NANDAN K Y	50.0% - Certificate
KEERTHANA CHAND M	46.7% - Certificate
LOKITHA P L	48.9% - Certificate

PRINCIPAL

MISTO JOHN	44.4% - Certificate
MUHAMED NAZEEM K	53.3% - Certificate
MUHAMMED FARIS A H	21.1
MUKESH S	10.0
SEKHAR ADITYA N	46.7% - Certificate
NANDANA V S	50.0% - Certificate
NAVAMI ASOK	46.7% - Certificate
NIKHIL R S	46.7% - Certificate
ROSHAN S	30.0
ROSMIN ROSE BINOY	50.0% - Certificate
SAAHIL S L	54.4% - Certificate
SAMSON SUNNY	43.3% - Certificate
SHERFIN SHINAZ	30.0
SOORYA S SURESH	46.7% - Certificate
SULAIMAN MOHAMED NAZEER	25.6
SUMITHA VARGHESE	63.3% - Certificate

PRINCIPAL

VARSHA S NAIR	40.0% - Certificate
VISHNU VIJAY	33.3
YASEEN B MUHAMMED	54.4% - Certificate
ANAGHA S	
GOWRI SANKAR	26.7

Curriculum

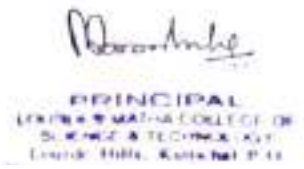
Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an open source software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and



above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

ADDON COURSE 14
Name of the program : ADDON COURSE - -PYTHON
Duration :6 months
List of students enrolled (with signature of students)

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STUDENT NAME	Score
A S AROMAL	50.0% - Certificate
ABHJITH A	40.0% - Certificate
ABHIJITH A S	30.0
ABHISHEK JOSE	45.0% - Certificate
ALBY C ALEX	40.0% - Certificate
ALEENA SHAJI	79.0% - Certificate
ALEX TOM ANDREWS	40.0% - Certificate
ANANDA KRISHNA P	65.0% - Certificate
S S ANANDHU KRISHNA	45.0% - Certificate
ANANTHA KRISHNA T	55.0% - Certificate
ANGELINA ROBIN	70.0% - Certificate

PRINCIPAL

ANN TREESA TIJO	70.0% - Certificate
ANUGRAH KRISHNAN	70.0% - Certificate
ARSHAL M PAUL	55.0% - Certificate
ARUN SUNDAR S	46.0% - Certificate
ASWIN S	25.7
ASWIN SANTHOSH	65.0% - Certificate
BIJIMOL S S	40.0% - Certificate
DEEPIKA A NAIR	50.0% - Certificate
DION JOHNSON	50.0% - Certificate
EMIL SHAJI	60.0% - Certificate
EMMA JOSETHERESA	70.0% - Certificate
EMNA JOSE ELIZABETH	85.0% - Certificate

PRINCIPAL

EVIN DAVIS	50.0% - Certificate
JACOB SHAJI	30.0
JEFFIN REJI	50.0% - Certificate
JEFFIN S S	60.0% - Certificate
JIFFIN MATHEW GRAISON	50.0% - Certificate
JITH ABRAHAM	54.4% - Certificate
JOE TONEY	60.0% - Certificate
JOHNSON THOMAS	40.0% - Certificate
JUSTIN SEBASTAIN	45.0% - Certificate
KAILAS R SEKHAR	60.0% - Certificate
KARIM AFSAL	49.0% - Certificate
LINCY L S	48.6% - Certificate

PRINCIPAL

MALAVIKA J P	40.0% - Certificate
MANJITH HEMACHANDRAN	59.0% - Certificate
PARVATHI AJEESH	60.0% - Certificate
PARVATHI S	35.0
PAULSON THOMAS	40.0% - Certificate
PAULWIN S R	46.4% - Certificate
PHEBA S S	55.0% - Certificate
RICHU JOSHY	31.0
RILU M RENCHI	54.0% - Certificate
RINI THERESA	50.0% - Certificate
ROOPAK ROSHAN R	43.6% - Certificate
SANDRA ALEX	65.0% - Certificate

PRINCIPAL

SANGEETH R S	30.0
SNEHA RAMESH	65.0% - Certificate
SONA KRISHNA R S	60.0% - Certificate
SONA SAJI	40.0% - Certificate
SREEJESH J R	
SREERANJINI R S	56.0% - Certificate
SHRUTHI KRISHNA S	45.0% - Certificate
ANANDA KRISHNA A S	60.0% - Certificate
NEERAJA KASTHURI J N	
BISMI ANSARI	31.4
AKHIL A S	55.0% - Certificate
ARCHANA S B	31.4

PRINCIPAL

ALOYSIUS JOJO	51.0% - Certificate

Curriculum

Upon successfully completing this course, students will be able to "do something useful with Python".

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

The following topics were discussed.

- Introduction
- Functions, Booleans and Modules
- Sequences, Iteration and String Formatting
- Dictionaries, Sets, and Files
- Exceptions, Testing, Comprehensions
- Advanced Argument Passing, Lambda -- functions as objects
- Object Oriented Programming
- More OO -- Properties, Special methods
- Iterators, Iterables, and Generators
- Decorators, Context Managers, Regular Expressions, and Wrap Up

https://spoken-tutorial.org/media/videos/89/Python-3.4.3-Brochure-English.pdf

Assessment procedures year-wise :

PRINCIPAL

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The add-on course focuses on Python data structures, and works with string, list, and range sequences. It helps to discover the power of list iteration, and learn about string and list methods, the details on file input and output—open files, read them, add to them, close them, and more. At the end of the course, students were able to slice strings into substrings, create lists, iterate through them, import files, and use file append mode, along with a lot of other practical Python tasks, as they started coding.

ADDON COURSE 15
Name of the program : ADDON COURSE FOR BEGINNERS - B.TECH
Duration : 30
List of students enrolled (with signature of students)

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY		11/30/2020				
ROLL NO	NAME	Session 1	Session 2	Session 3	Session 4	Session 5
1	ABHAY MATHEW	X	X	X	X	X

PRINCIPAL

2	ABIJITH V M	X	X	X	X	X
3	ABIN M S	X	X	X	X	X
4	AKHILA P B	X	X	X	X	X
5	AKHILA S S	X	X	X	X	X
6	AKHILS L	X	X	X	X	X
7	ANAGHA S	X	X	X	X	X
8	ANASWARA DEVI B G	X	X	X	X	X
9	APARNA C J	X	X	X	X	X
10	ARAVIND G S	X	X	X	X	X
11	ARCHANA S V	X	X	X	X	X
12	ARYA NANDA S J	X	X	X	X	X
13	BLESSON B K	X	X	X	X	X
14	DARSANA JOSE	X	X	X	X	X
15	FEBA LAWRENCE	X	X	X	X	X
16	GOUTHAM KRISHNA A P	X	X	X	X	X
17	GOUTHAMI D S	X	X	X	X	X
18	GOWRI A S	X	X	X	X	X
19	HAZEENA M S	X	X	X	X	X
20	JERIL SABU	X	X	X	X	X
21	JYOTHIKA R B	X	X	X	X	X
22	KAILAS A K	X	X	X	X	X

PRINCIPAL

23	KRISHNAPRIYA V S	X	X	X	X	X
24	MIDHUN MANOJ	X	X	X	X	X
25	MUHAMMED HARISH SHERIF	X	X	X	X	X
26	NAHAS N N	X	X	X	X	X
27	NAKSHATHRA P SURESH	X	X	X	X	X
28	NANDAN V S	X	X	X	X	X
29	NANDANA S	X	X	X	X	X
30	NEETHU N S	X	X	X	X	X
31	NIJINA S	X	X	X	X	X
32	NOYAL S P	X	X	X	X	X
33	PRAYAG S	X	X	X	X	X
34	SABAREESH R	X	X	X	X	X
35	SABIN JACOB	X	X	X	X	X
36	SAMBHU R	X	X	X	X	X
37	SAMRAJ	X	X	X	X	X
38	SILPA VIJAYAN V S	X	X	X	X	X
39	SREEDEVI VIJAYAN V N	X	X	X	X	X
40	SREEJISHNU S T	X	X	X	X	X
41	SREEJITH T P	X	X	X	X	X
42	SREEKANTH S	X	X	X	X	X

PRINCIPAL

43	SUBHIJITH S R	X	X	X	X	X

Curriculum

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

INDUCTION PROGRAM SCHEDULE FOR S1 B.TECH

DAY	6.30-7.30 AM	9.15-11.15 AM	TEA	11.30-1.00 PM	LUNCH	2.00 3.30 PM	5.30-7.00 PM
30/11/20	Yoga/Exercise – Phy.Ed	KTU Session (Dept)		KTU Session (Dept)		Familiarization with College & Department	Sports– Phy. Ed
01/12/20	Yoga/Exercise– Phy.Ed	KTU Session (Dept)		KTU Session (Dept)		KTU Session (Dept)	Sports– Phy. Ed
02/12/20	Yoga/Exercise– Phy.Ed	UHV-Dr.Smitha J C, CSE (Common)		KTU Session (Dept)		KTU Session (Dept)	Sports– Phy. Ed

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03/12/20	Yoga/Exercise– Phy.Ed	KTU Session (Dept)		India Quiz – Dr.Johnson Y, EEE (Common)		Alumni Mentoring (Dept)	Sports– Phy. Ed
04/12/20	Yoga/Exercise– Phy.Ed	KTU Session (Dept)		Motivation Talk - (Common)		UHV- Prof.Jayaram V, ME (Common)	Sports– Phy. Ed
05/12/20	Yoga/Exercise– Phy.Ed	Counseling- (Common)		Interaction with Parents (Common)			

30-11-2020 Session 2 (9.15 AM to 11.15 AM) **KTU Session (Dept.)**

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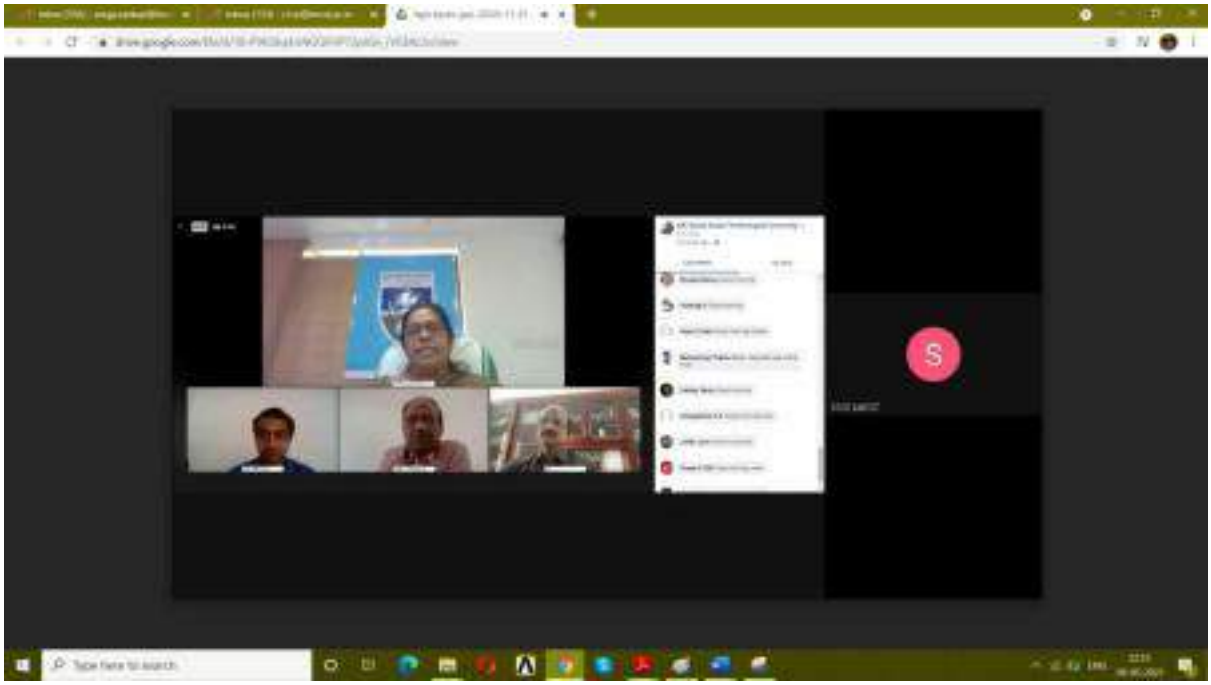
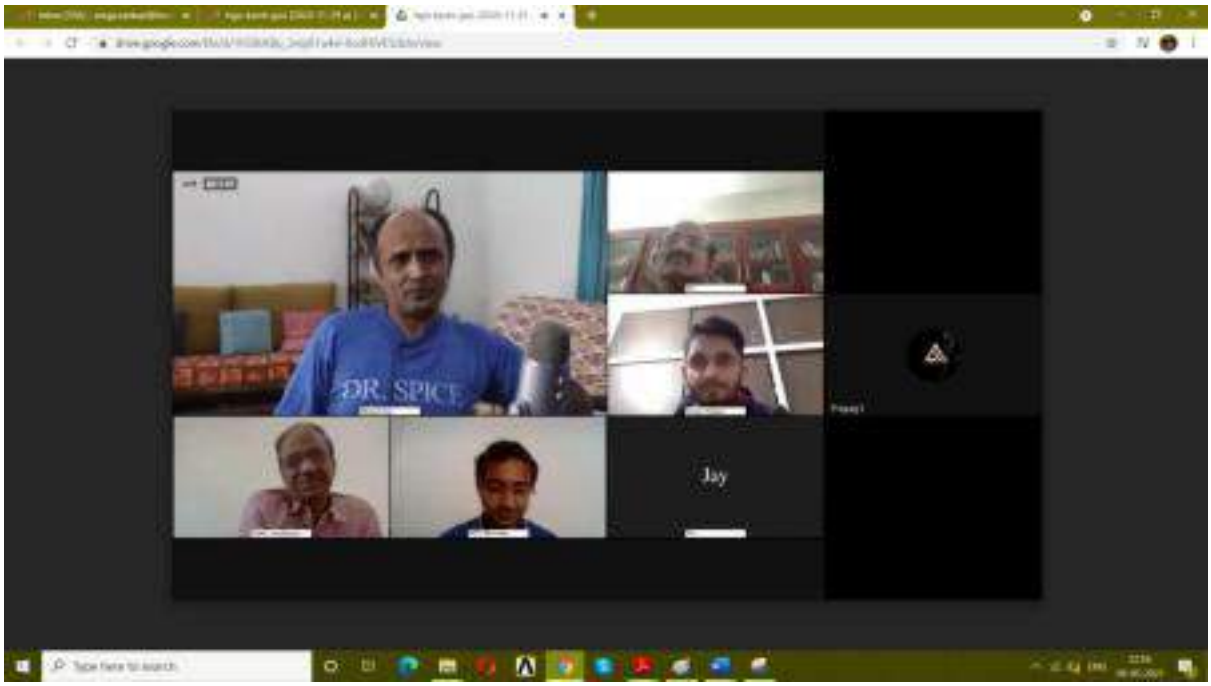


30-11-2020 Session 3 (11.30 AM to 1.00 PM) KTU Session (Dept.)



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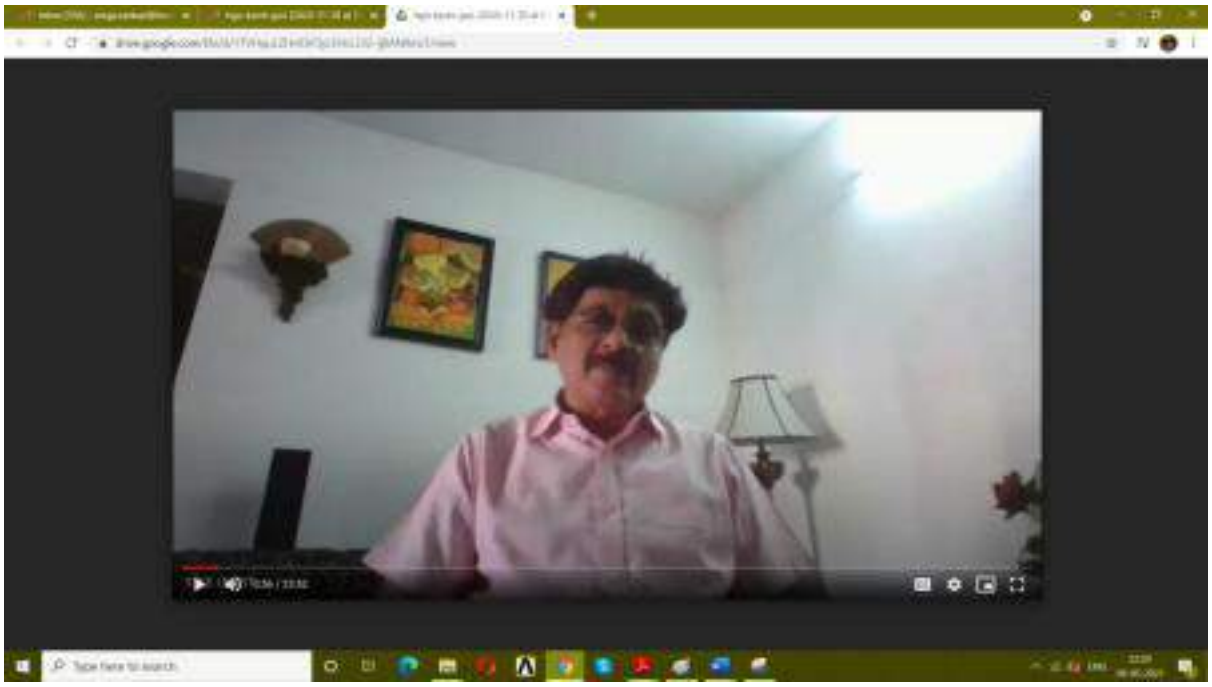
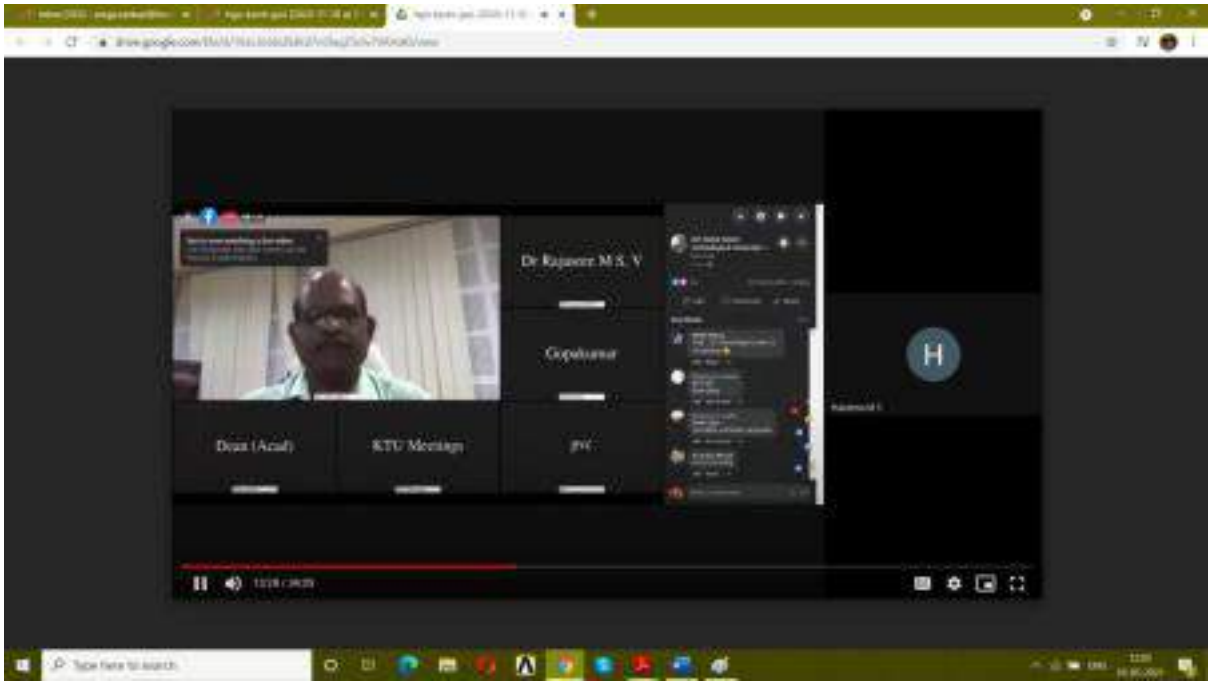
30-11-2020 Session 4 (2.00 PM to 3.30 PM) Familiarization with college and department



01-12-2020 Session 2 (9.15 AM to 11.15 AM) KTU Session (Dept.)

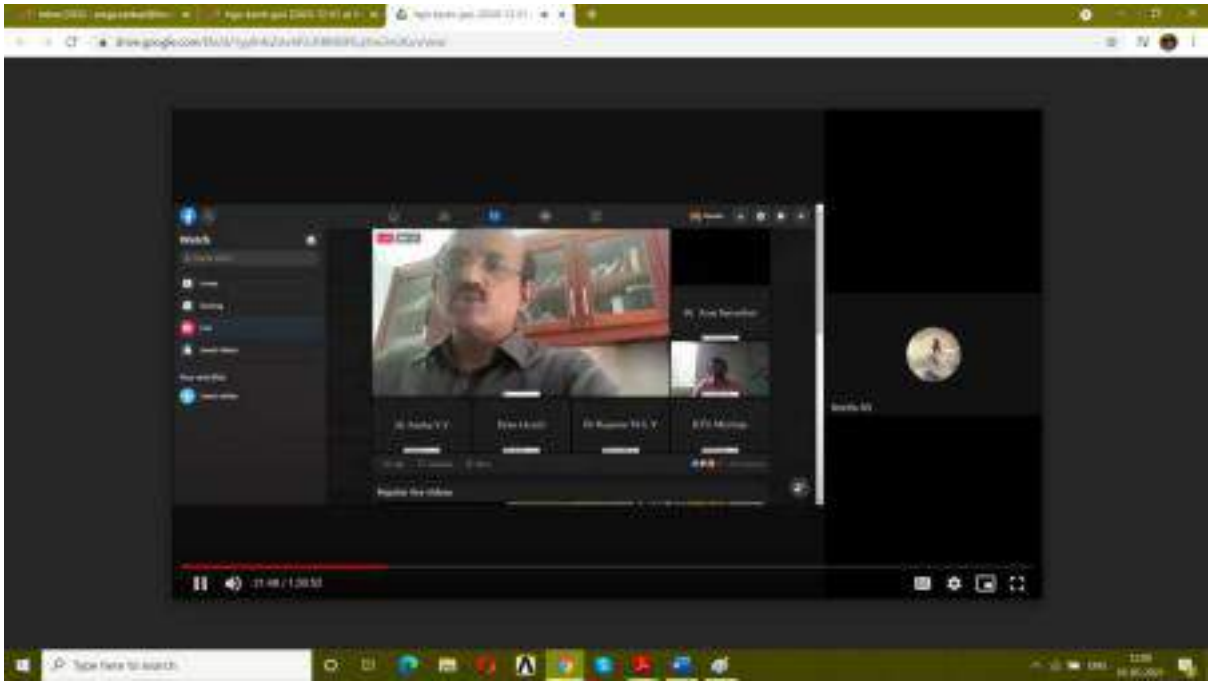
PRINCIPAL



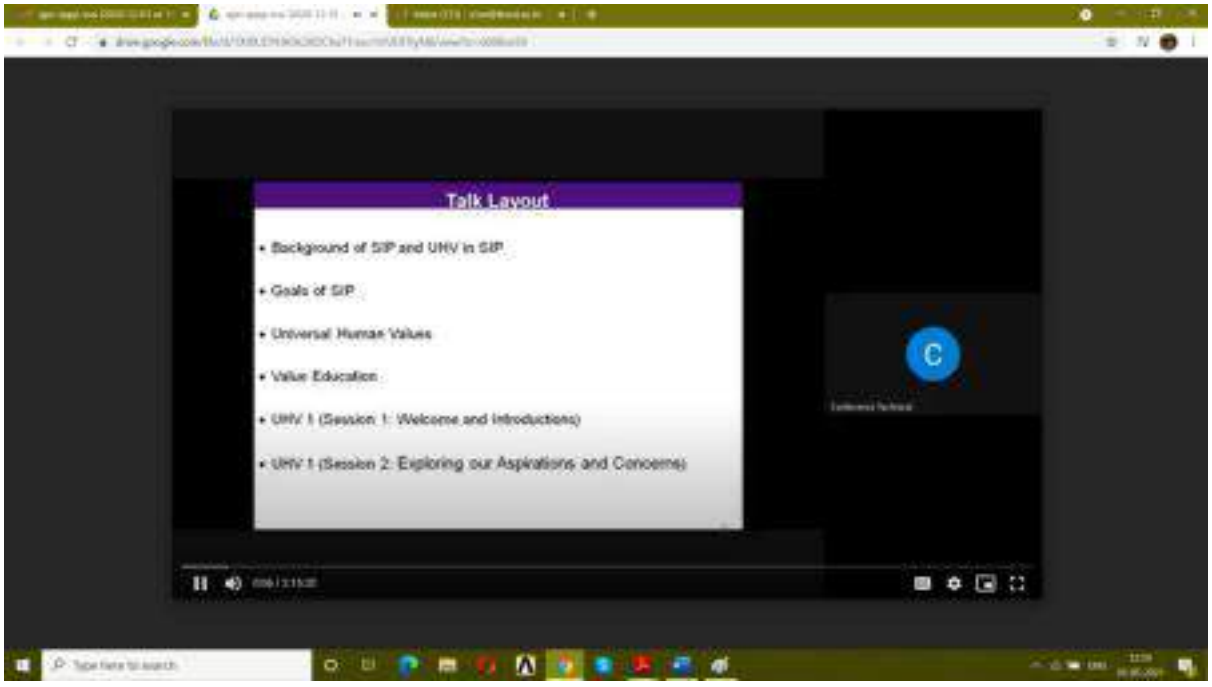
01-12-2020 Session 3 (11.30 AM to 1.00 PM) was cancelled due to technical issues

01-12-2020 Session 4 (2.00 PM to 3.30 PM) KTU Session (Dept.)

PRINCIPAL



02-12-2020 Session 2 (9.15 AM to 11.15 AM) UHV Dr Smitha J C (Common)



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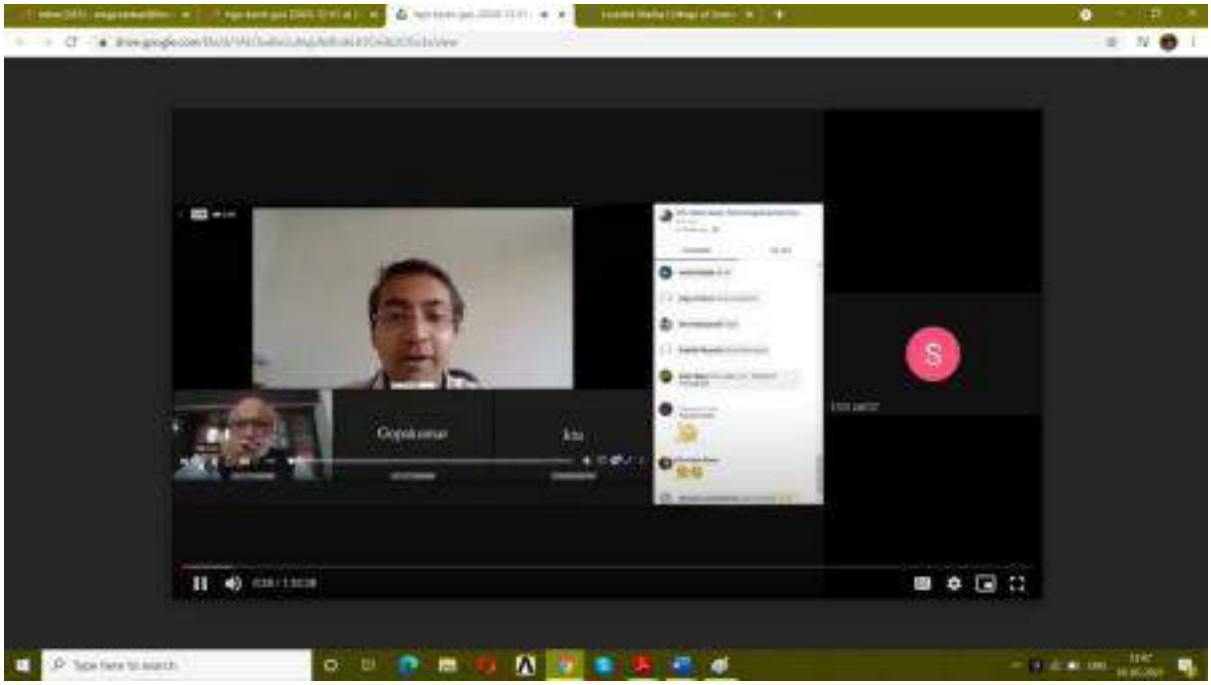
02-12-2020 Session 3 (11.30 AM to 1.00 PM) KTU Session (Dept)



02-12-2020 Session 4 (2.00 PM to 3.30 PM) KTU Session (Dept.)

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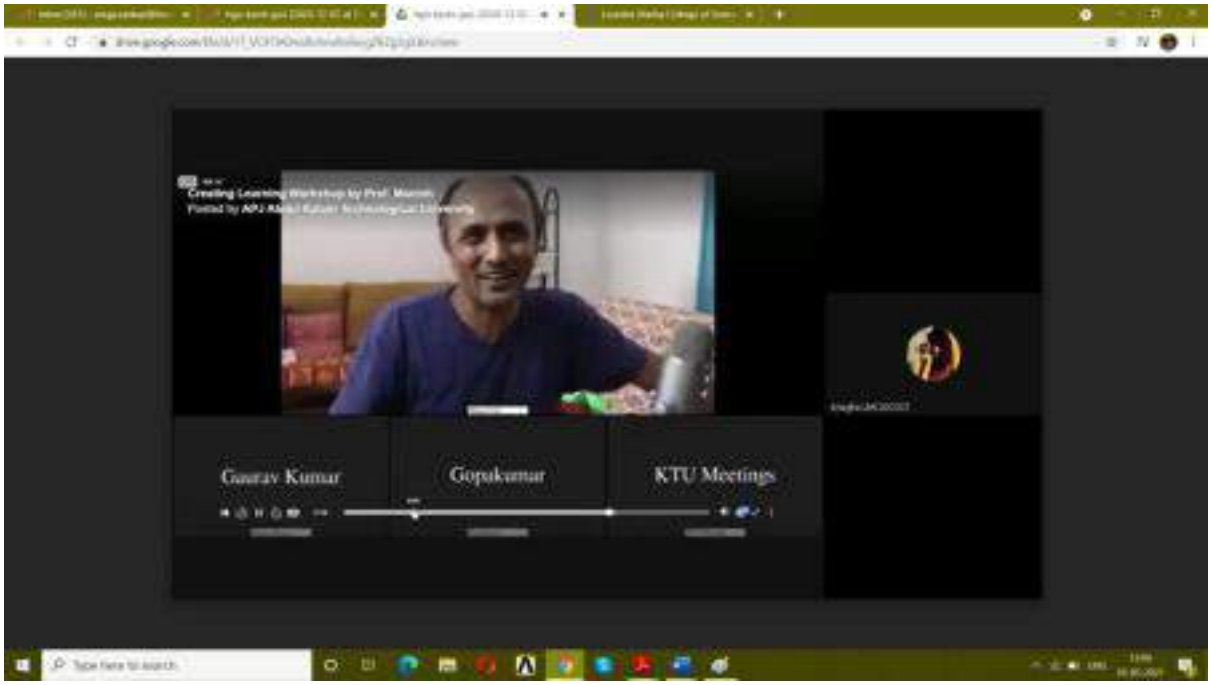
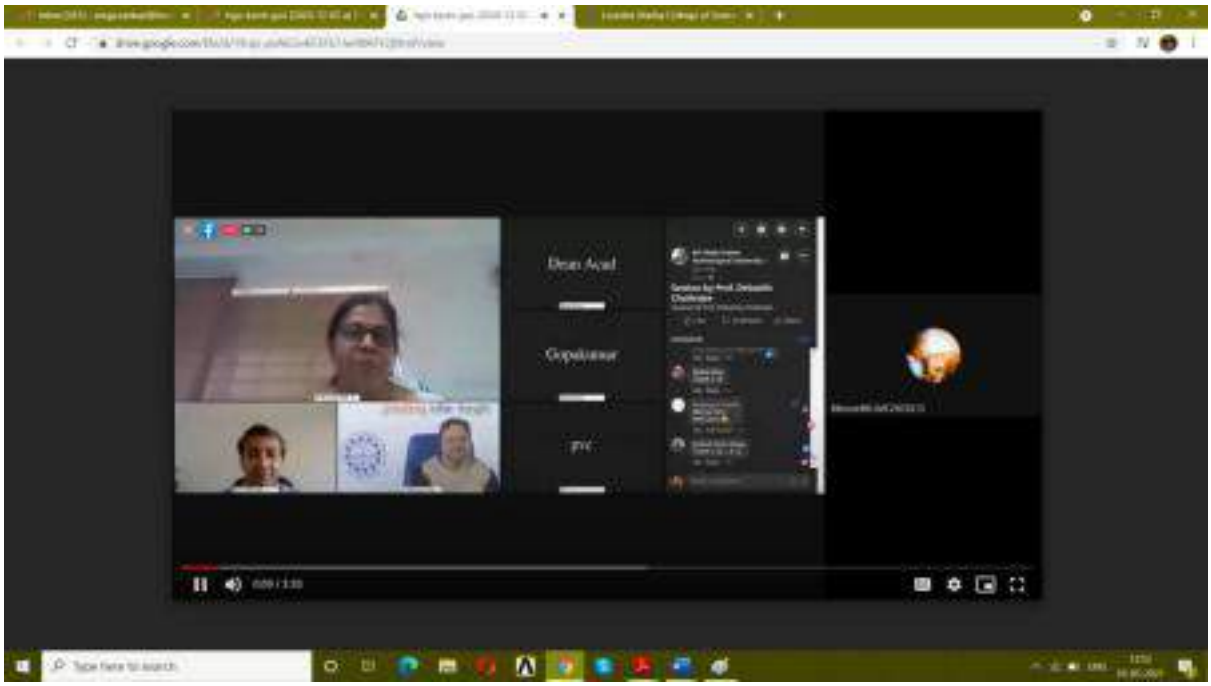


03-12-2020 Session 2 (9.15 AM to 11.15 AM) KTU Session (Dept.)



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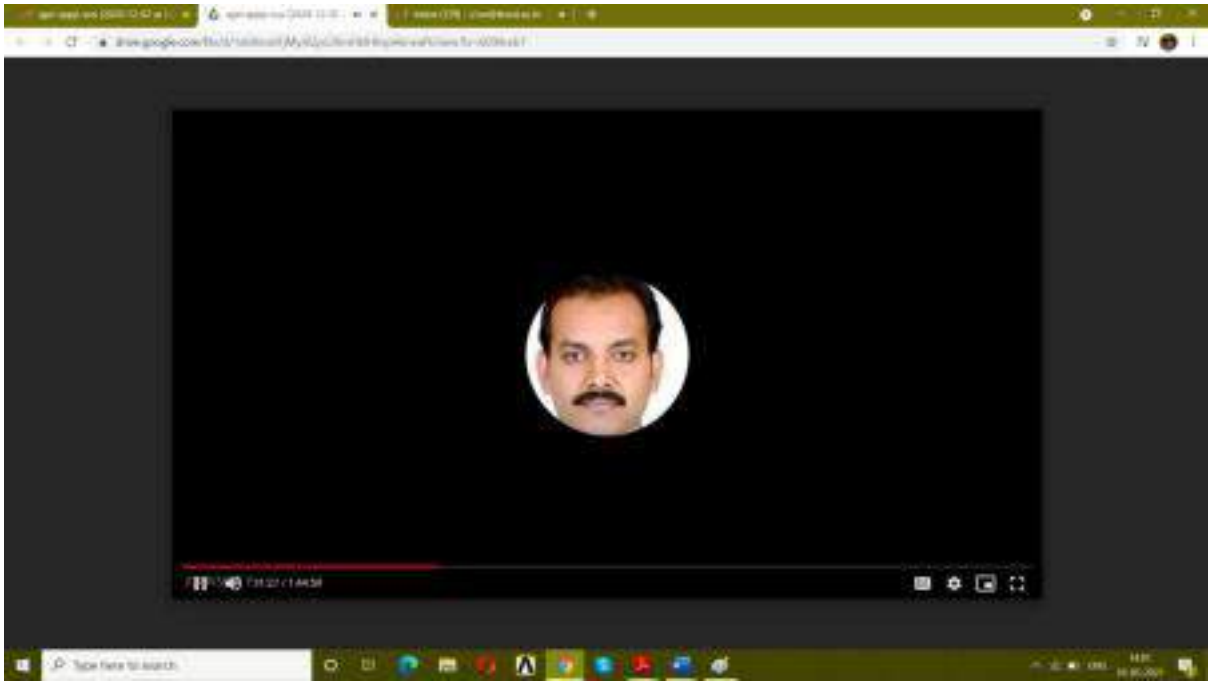
03-12-2020 Session 3 (11.30 AM to 1.00 PM) India Quiz - Dr Johnson Y (Common)



03-12-2020 Session 4 (2.00 PM to 3.30 PM) Alumni Mentoring (Dept.)

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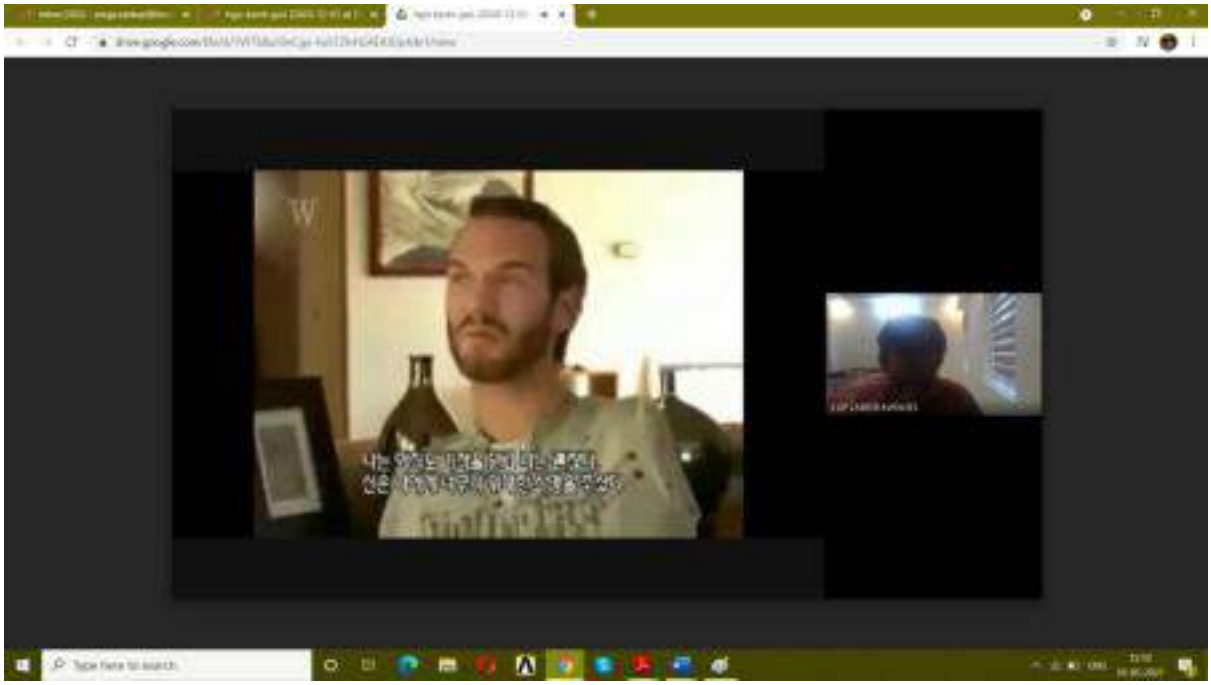

04-12-2020 Session 2 (9.15 AM to 11.15 AM) KTU Session (Dept.)

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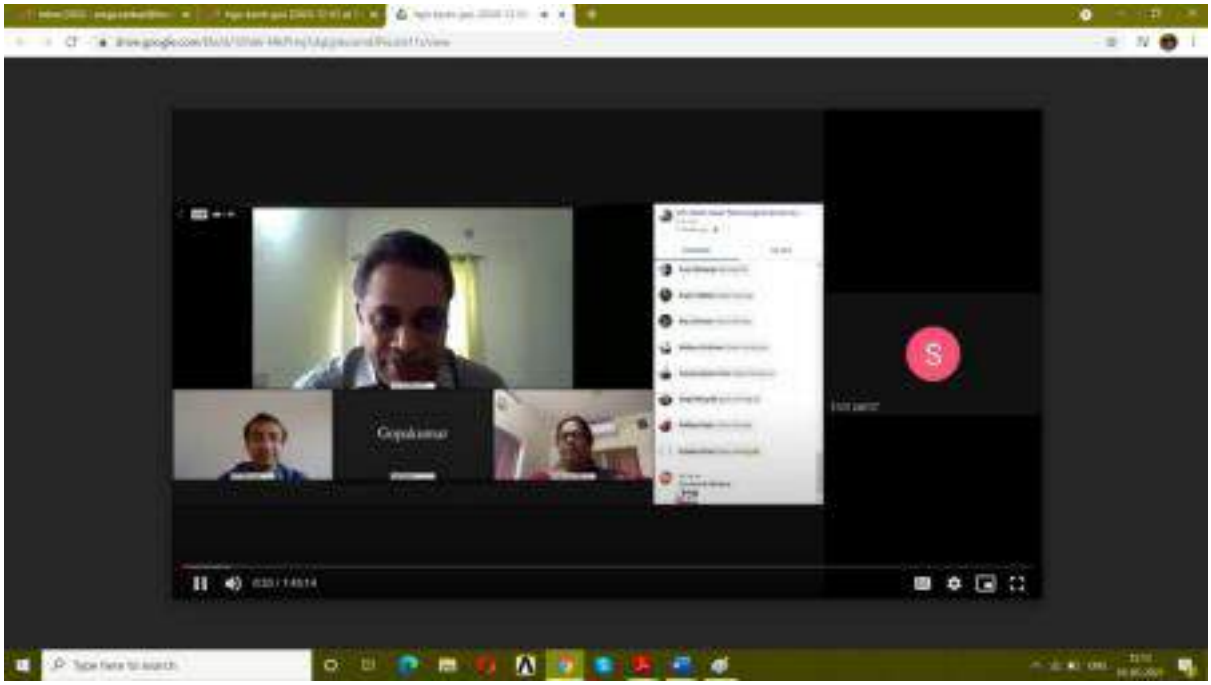
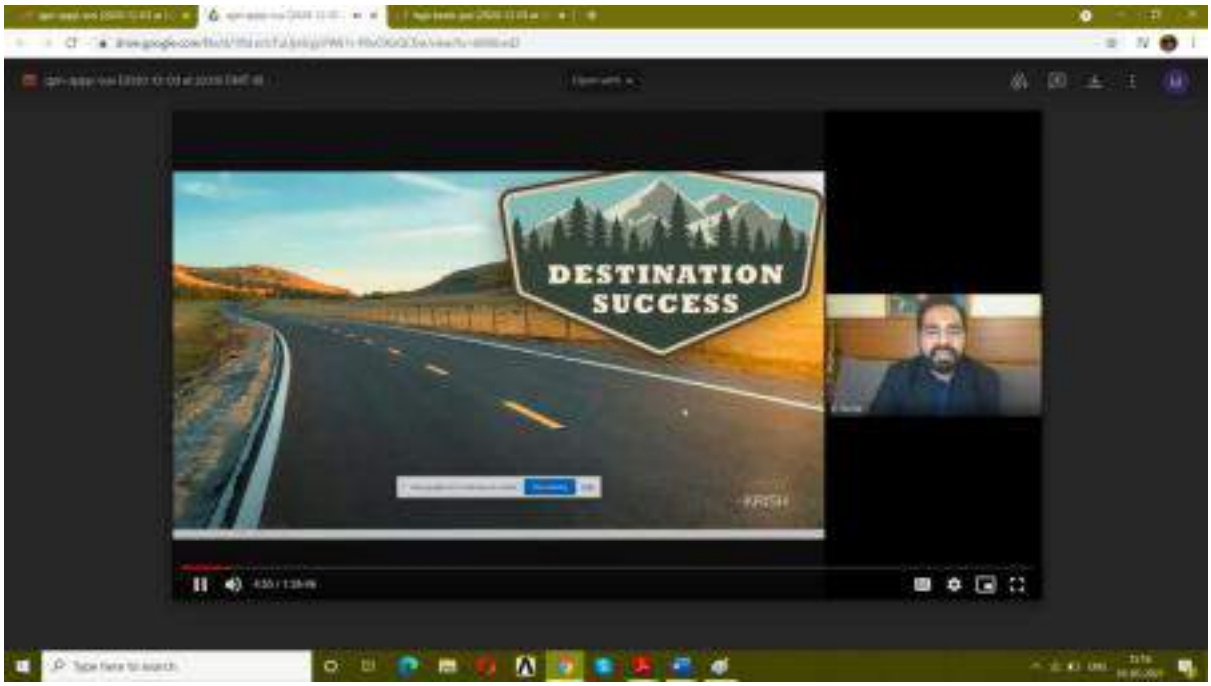


04-12-2020 Session 3 (11.30 AM to 1.00 PM) Motivational talk (Common)



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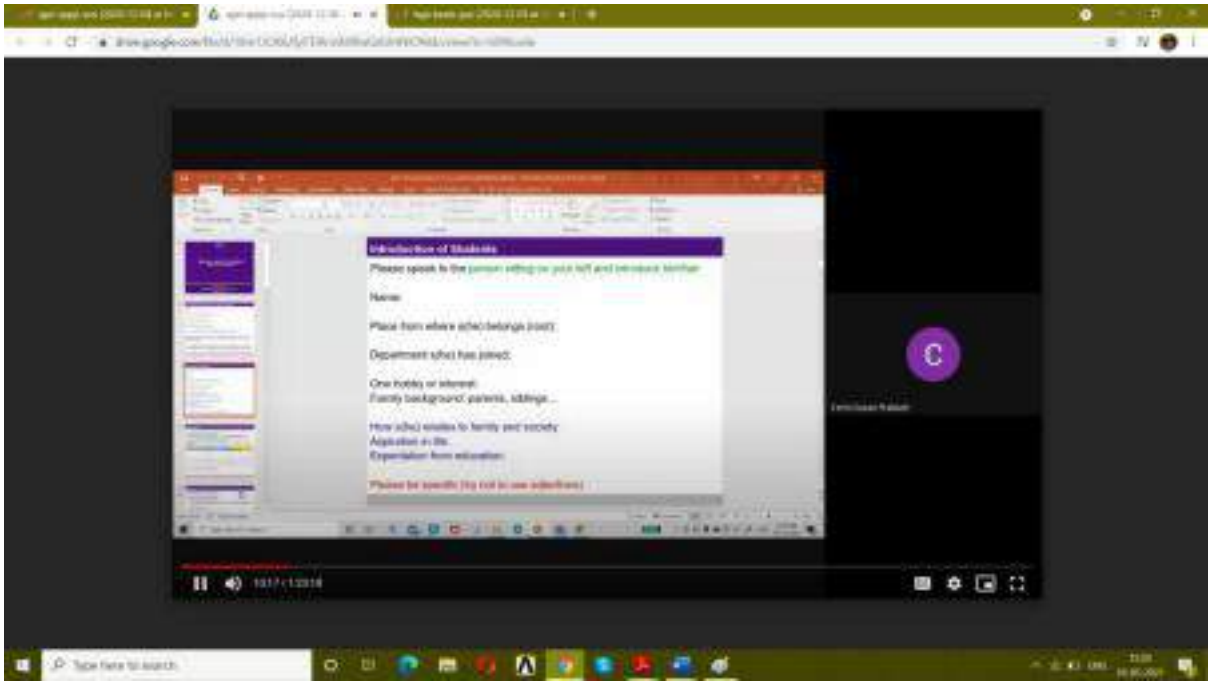
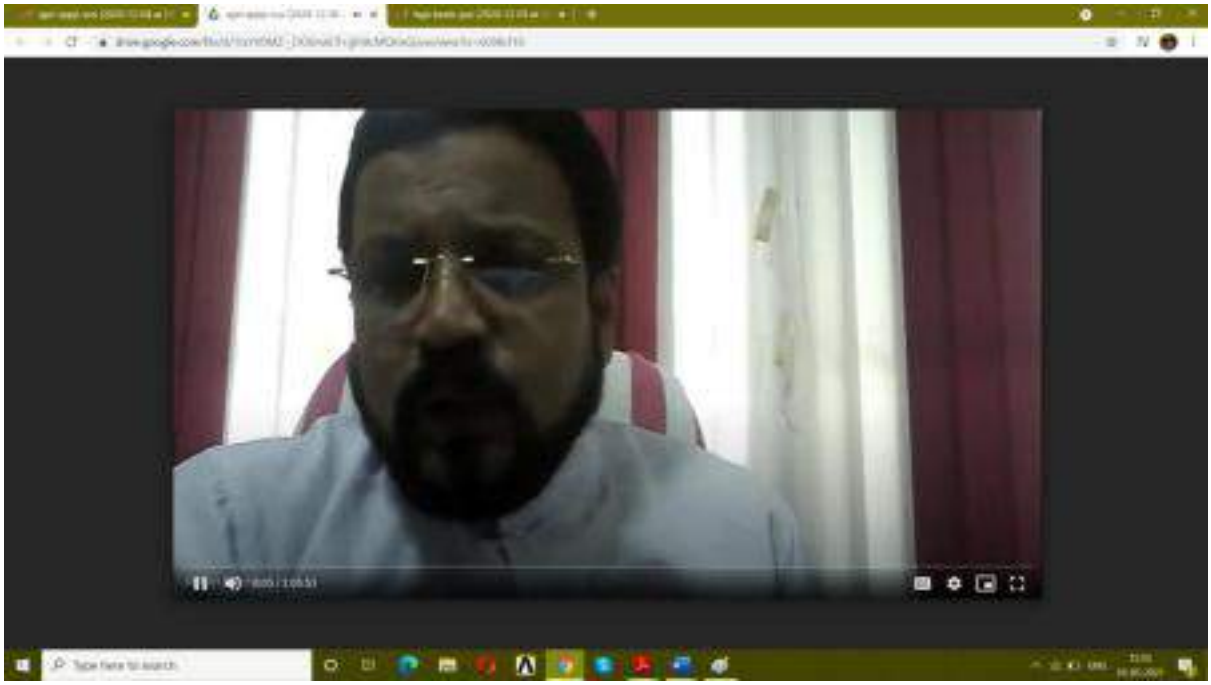
04-12-2020 Session 4 (2.00 PM to 3.30 PM) UHV – Prof Jayaram V (Common)



05-12-2020 Session 2 (9.15 AM to 11.15 AM) Counselling (Common)

PRINCIPAL



05-12-2020 Session 3 (11.30 AM to 1.00 PM) Interaction with parents (Common)

Assesment Procedure

- Feedback from students and parents collected.

Summary report

Transition from school to university/college life is one of the most challenging events in a student's life. Currently, precious little is done by most institutions, except for an orientation program lasting a couple of days. Student Induction is designed to help in the whole process.There will be a one week long induction program for the UG students entering the institution,right at the start. Normal classes start only after the induction program is over. Purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, set a healthy daily

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routine, help them build bonds with other students and faculty members, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature and expose them to a sense of larger purpose and self exploration. These would range from issues of national and international significance, ethics, sports and physical exercises, community service, sketching, artwork, and many more.

ADDON COURSE 16
Name of the program : ADDON COURSE - HTML
Duration : 6 MONTHS
List of students enrolled (with signature of students)

Enrolled Students	Score
ANOOP S ANIL	65.0% - Certificate
NANDHANA SHANKAR	57.5% - Certificate
SANGEETH C S	67.5% - Certificate
BIBIN MATHE THOMAS	77.5% - Certificate
JITHEESH KRISHNAN	62.5% - Certificate
AKSHAY KRISHNAN R	47.5% - Certificate
PRIYADARSINI J	52.5% - Certificate
JITHU JOSE MATHEW	65.0% - Certificate

PRINCIPAL

ROHIT TOJO	20.0
MIDHUN MOHAN M	65.0% - Certificate
ALLY S NAIR	67.5% - Certificate
JIBITHA ROSE B	57.5% - Certificate
VISHNU PRIYA J R	65.0% - Certificate
TIJU THOMAS	22.5
ROHAN THOMAS REJI	57.5% - Certificate
MOHAMMAD SAAJAD	55.0% - Certificate
DANY THOMAS	47.5% - Certificate
RAHUL KUMAR R	42.5% - Certificate
ABHJITH M S	60.0% - Certificate
AKSHYANATH A	45.0% - Certificate
SHIVASHANKAR P	57.5% - Certificate

PRINCIPAL

KEVIN THOMAS	62.5% - Certificate
SHIJIN THANKACHAN	67.5% - Certificate
SURYA W S	60.0% - Certificate
SWATHY R SURESH	47.5% - Certificate
VIJIKUMARI V C	62.5% - Certificate

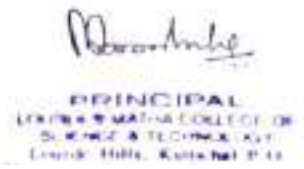
Curriculum

HTML, which stands for HyperText Markup Language, is the predominant markup language for web pages. HTML elements are the basic building-blocks of web-pages.

HTML is written in the form of HTML elements consisting of tags, enclosed in angle brackets, within the web page content. HTML tags normally come in pairs like <h1> and </h1>. The first tag in a pair is the start tag, the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, tables, images, etc.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts in languages such as JavaScript which affect the behaviour of HTML web-pages.



Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

HTML - Hyper Text Markup Language
HTML elements form the building blocks of all websites. HTML allows embedding of images and objects and is extensively used to create interactive forms and webpages.

Useful for UG/PG students, working professionals - Multi-disciplinary

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

This addon course has taught the students to use HTML to create their own website. HTML is the universal markup language for the Web. HTML lets you format text, add graphics, create links, input forms, frames and tables, etc., and save it all in a text file that any browser can read and display. Additional examples and exercises provided were very much useful for students.

ADDON COURSE 17
Name of the program : ADDON COURSE - HTML
Duration : 6 MONTHS
List of students enrolled (with signature of students)

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COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

STUDENT NAME	SCORE
ADITHYA S ANIL	50.0% - Certificate
ABHIRAM S S	15.0
ADARSH J S	45.0% - Certificate
AKHIL M	30.0
AKSHAY J BERTIN	52.5% - Certificate
ANEENA S M	27.5
ANISH S U	32.5
ARJUN GOPAL V S	17.5
ARSHA V R	27.5
ASHNA S S	32.5
DONA CLARE TOM	42.5% - Certificate
HARI SANKAR T P	37.5
KALIDASAN S S	50.0% - Certificate

PRINCIPAL

KRIPA S L	72.5% - Certificate
NABEEL ALI	Never submitted
NIPUNLAL R C	25.0
PARVATHY V S	50.0% - Certificate
ROOPESH A S	57.5% - Certificate
SIDHARTH U P	52.5% - Certificate
SREEJITH G M	12.5
VISHAL V S	47.5% - Certificate
VISHNU R A NAIR	22.5
AISWARYA M	40.0% - Certificate
RENJITH B J	27.5
SHIFANA KHADEER S	45.0% - Certificate

Curriculum

PRINCIPAL

HTML, which stands for HyperText Markup Language, is the predominant markup language for web pages. HTML elements are the basic building-blocks of web-pages.

HTML is written in the form of HTML elements consisting of tags, enclosed in angle brackets, within the web page content. HTML tags normally come in pairs like <h1> and </h1>. The first tag in a pair is the start tag, the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, tables, images, etc.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts in languages such as JavaScript which affect the behaviour of HTML web-pages.

Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

HTML - Hyper Text Markup Language
HTML elements form the building blocks of all websites. HTML allows embedding of images and objects and is extensively used to create interactive forms and webpages.

Useful for UG/PG students, working professionals - Multi-disciplinary

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.

PRINCIPAL

- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

This addon course has taught the students to use HTML to create their own website. HTML is the universal markup language for the Web. HTML lets you format text, add graphics, create links, input forms, frames and tables, etc., and save it all in a text file that any browser can read and display. Additional examples and exercises provided were very much useful for students.

ADDON COURSE 18
Name of the program : ADDON COURSE - PYTHON
Duration : 6 MONTHS

List of students enrolled (with signature of students)

Enrolled students	Score
ABHI C S	49.7% - Certificate
AKASH D M	65.0% - Certificate
AKHIL J S	30.0
AKHINA M S	50.0% - Certificate
AKSHAI BAIJU	43.1% - Certificate
AMAL S NAIR	50.0% - Certificate

PRINCIPAL

ANAND SEKHAR P	57.0% - Certificate
ANASWARA SIMON	30.0
ANJANA RANI K	20.0
ANJANA S	15.0
ANUJA B S	40.0% - Certificate
APARNA R U	45.0% - Certificate
ARAVIND V R	25.0
ARUN A S	35.0
ARUNA E B	50.0% - Certificate
ARYA M S	10.0
BEEGUM MARIYAM HALEEF	40.0% - Certificate
DIVYA RAJAN L	35.0
DONA MARIYA	45.0% - Certificate
GIREESH M	42.1% - Certificate
GOURI NANDANA V S	10.0
JISBEN S R	50.0% - Certificate

PRINCIPAL

NAVANEETH A S	50.0% - Certificate
NAYANA REGHU	35.7
REJO MATHEW J R	35.7
ROYCE ANTO ROY	45.7% - Certificate
SARA SAHEER	45.0% - Certificate
SONU SHABIR	45.0% - Certificate
VAISHNAVI J M	35.0
VARSHA M VIJAY	40.0% - Certificate
ASWIN S ROY	Never submitted

Curriculum

Upon successfully completing this course, students will be able to “do something useful with Python”.

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

The following topics were discussed.

- Introduction
- Functions, Booleans and Modules
- Sequences, Iteration and String Formatting
- Dictionaries, Sets, and Files

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- Exceptions, Testing, Comprehensions
- Advanced Argument Passing, Lambda -- functions as objects
- Object Oriented Programming
- More OO -- Properties, Special methods
- Iterators, Iterables, and Generators
- Decorators, Context Managers, Regular Expressions, and Wrap Up

https://spoken-tutorial.org/media/videos/89/Python-3.4.3-Brochure-English.pdf

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

The add-on course focuses on Python data structures, and works with string, list, and range sequences. It helps to discover the power of list iteration, and learn about string and list methods, the details on file input and output—open files, read them, add to them, close them, and more. At the end of the course, students were able to slice strings into substrings, create lists, iterate through them, import files, and use file append mode, along with a lot of other practical Python tasks, as they started coding.

ADDON COURSE 19
Name of the program : ADDON COURSE - LINUX
Duration : 6 MONTHS
List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
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STUDENT NAME	SCORE
ANJALY BIJU	
ABHAY MATHEW	24.4
ABIJITH V M	23.3
ABIN M S	20.0
AKHIL S L	43.3% - Certificate
AKHILA P B	46.7% - Certificate
AKHILA S S	32.2
ANAGHA S	36.7
ANASWARA DEVI B G	33.3
APARNA C J	34.4
ARAVIND G S	57.8% - Certificate
ARCHANA S V	37.8
ARYA NANDA S J	46.7% - Certificate

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BLESSON B K	53.3% - Certificate
DARSANA JOSE	37.8
FEBA LAWRENCE	36.7
GOUTHAM KRISHNA A P	23.3
GOUTHAMI D S	27.8
GOWRI A S	56.7% - Certificate
HAZEENA M S	26.7
JERIL SABU	23.3
JYOTHIKA R B	31.1
AILAS A K	43.3% - Certificate
KRISHNAPRIYA V S	36.7
MIDHUN MANOJ	24.4
MUHAMMED HARISH SHERIF	43.3% - Certificate
NAHAS N N	33.3
NAKSHATHRA P SURESH	36.7

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NANDAN V S	41.1% - Certificate
NANDANA S	38.9
NEETHU N S	48.9% - Certificate
NIJINA S	24.4
NOYAL SP	37.8
PRAYAG S	53.3% - Certificate
SABIN JACOB	24.4
SILPA VIJAYAN V S	33.3
SREEDEVI VIJAYAN V N	53.3% - Certificate
SREEJITH T P	30.0
SREEKANTH S	23.3
SUBHIJITH S R	46.7% - Certificate
SAMRAJT S	43.3% - Certificate

Curriculum

Introduction to Linux

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Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.

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- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

2019-2020

ADDON COURSE 1
Name of the program : ADDON COURSE FOR BEGINNERS - B.TECH
Duration : 30 hrs
List of students enrolled (with signature of students)

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B TECH EEE 2019-2023

ADD ON COURSE FOR BEGINNERS - B. TECH

ATTENDANCE SHEET

Sl. No.	Student name	22-07-2019	23-07-2019	24-07-2019	25-07-2019	26-07-2019
1	[illegible]					
2	[illegible]					
3	[illegible]					
4	[illegible]					
5	[illegible]					
6	[illegible]					
7	[illegible]					
8	[illegible]					
9	[illegible]					
10	[illegible]					
11	[illegible]					
12	[illegible]					
13	[illegible]					
14	[illegible]					
15	[illegible]					
16	[illegible]					
17	[illegible]					
18	[illegible]					
19	[illegible]					

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B TECH EEE 2019-2023

ADD ON COURSE FOR BEGINNERS - B. TECH

ATTENDANCE SHEET

SL. No.	Student name	29-07-2019	30-07-2019	31-07-2019	01-08-2019	02-08-2019
1	ABIN DAFFED					
2	AKSHAY A S					
3	AMAL LAL R					
4	AMALS KUMAR					
5	ANDHRA R B					
6	ANNLET JOY					
7	ANSFRED ANTONY					
8	APSARA S					
9	BRATHY S D					
10	BANJINO S C					
11	BENDY PUSHPAKARAN					
12	BINCY P M					
13	NOEL TOM SAM					
14	PARVANENDHU M B					
15	PARAVATHY P S					
16	RESHMA C M					
17	SAJITH S					
18	SHERIN SATHYAN					
19	THAMON T R					

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SL NO	BRANCH	NAME	ADMISSION NUMBER	MOBILE STUDENT	MOBILE PARENT	Signature
34	CS	[illegible] THOMAS	2019[illegible]	[illegible]	[illegible]	
35	CS	[illegible]		[illegible]	[illegible]	
36	CS	KAILAS R SEKHAR		[illegible]	[illegible]	
37	CS	KARIM AFSAL		[illegible]	[illegible]	
38	CS	LINSY L S	2019[illegible]	8136491286	[illegible]	
39	CS	[illegible]		[illegible]	[illegible]	
40	CS	NIHAL SABU		[illegible]	[illegible]	
41	CS	PARVATHY AJEESH	2019[illegible]	[illegible]	[illegible]	
42	CS	PAULSON THOMAS		[illegible]	[illegible]	
43	CS	PAULWIN K R		[illegible]	[illegible]	
44	CS	PUEBA S S		[illegible]	[illegible]	
45	CS	[illegible]		[illegible]	[illegible]	
46	CS	RILU M RENCHI	2019[illegible]	[illegible]	[illegible]	
47	CS	[illegible]		[illegible]	[illegible]	
48	CS	[illegible]		[illegible]	[illegible]	
49	CS	SANDRA ALEX	2019[illegible]	[illegible]	[illegible]	
50	CS	SANGEETH R S		[illegible]	[illegible]	
51	CS	SNEHA RANEEH	2019[illegible]	[illegible]	[illegible]	
52	CS	SONA KRISHNA		[illegible]		
53	CS	SONA SAH		[illegible]	[illegible]	
54	CS	SREEJESH J R		[illegible]	[illegible]	
55	CS	SREEBENDHER A		[illegible]		
56	CS	SRUTHI KRISHNA S	2019[illegible]	[illegible]	[illegible]	
57	CS	[illegible]		[illegible]	[illegible]	
58	CS	[illegible] ANSARI		[illegible]	[illegible]	
59	CS	PARVATHY S			9495942699	

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SL NO	BRANCH	NAME	SIGNATURE	
			FN	AN
51	CS	SNEHA RAMESH		
52	CS	SONA KRISHNA	←	absent →
53	CS	SONA SAJI		
54	CS	SREEDESH I R		
55	CS	SREERENJINI R S	←	absent →
56	CS	SRUTHI KRISHNA S	←	absent →
57	CS	STEVEN MATHEW		
58	CS	PARVATHY S		
59	CS	BISMI ANSARI		
60				
61				
62				
63				
64				
65				

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FIRST YEAR ORIENTATION PROGRAMME 2019-20

BRANCH: | DATE: 22.7.2019.

SL. NO	BRANCH	NAME	SIGNATURE FN	SIGNATURE AN
1	EC	VIDHU W S		
2	EC	VYSAKH B V		
3	EC	ABDUL RAHIM		
4	EC	ADITHYA S ANIL A S		
5	EC	ANAND KRISHNA A S		
6	EC	ATHUL S VIJAYAN		
7	EC	VISHNU P		
8	EC	ABHIRAG B ANIR		
9	EC	AKHIL B S		
10	EC	APARNA S		
11	EC	ARCHANA S B		
12	EC	ARJUN C S		
13	EC	D R GOKUL		
14	EC	DENCY MOL ANTONY		
15	EC	DRISHYA V B		
16	EC	FEBIN MOHAN		
17	EC	KARNAN SATHEESH		
18	EC	KARTHIK SATHEESH		
19	EC	MANDITH HEMACHANDRAN		
20	EC	SANKAR A M		
21	EC	SHIFA SABU		
22	EEE	AMAL LAL		

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ATTENDANCE : 23.07.2019

Roll No	Name of Student	SIGNATURE	
		FN	AN
1	ABDUL RAHIM		
2	ABHIRAG B NAIR		
3	ADITHYA S ANIL A S		
4	AKHIL B S		
5	ANANDKRISHNA A S		
6	APRARNA S		
7	ARJUN C S		
8	ATHUL S VIJAYAN		
9	D R GOKUL		
10	DENCY MOL ANTONY		
11	DRISHYA V B		
12	FEBIN MOHAN	ABSENT	
13	KANNAN SATHEESH		
14	KARTHIK SATHEESH		
15	MANJITH HEMACHANDRAN		
16	SANKARI A M		
17	SHIFA SABU		
18	VIDHU W S		
19	VISHNU P		
20	VYSAKH R V		
21	GOURI G B	ABSENT	

Absents : Febin Mohan, Gouri G B. (2 nos)

23/7/19

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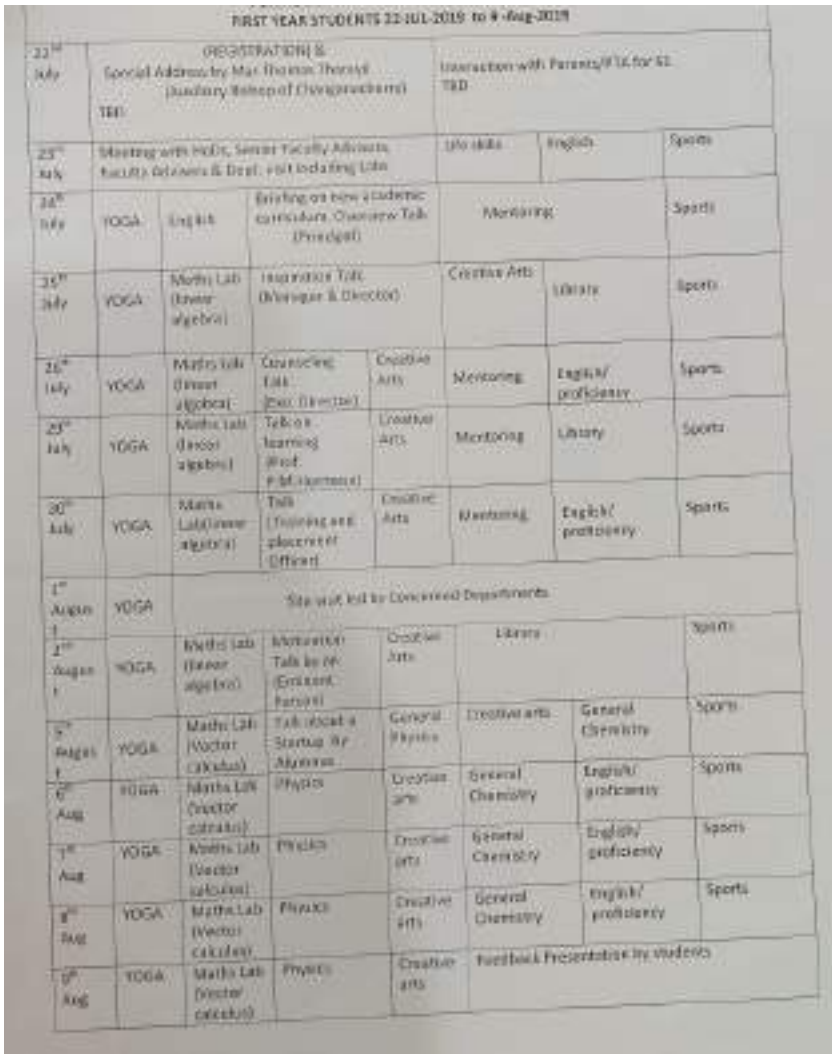
Curriculum



FIRST YEAR STUDENTS 22-JUL-2019 to 9-Aug-2019

22nd July	(REGISTRATION) & Special Address by Mar Thomas Thoraya (Auxiliary Bishop of Changanacherry) TBD				Interaction with Parents/PTA for 01 TBD		
23rd July	Meeting with HoDs, Senior Faculty Advisors, Faculty Advisors & Dept. visit including Labs				Life skills	English	Sports
24th July	YOGA	English	Briefing on new academic curriculum, Overview Talk (Principal)		Mentoring		Sports
25th July	YOGA	Maths Lab (linear algebra)	Inspiration Talk (Manager & Director)		Creative Arts	Library	Sports
26th July	YOGA	Maths Lab (linear algebra)	Counseling Talk (Exec. Director)	Creative Arts	Mentoring	English/ proficiency	Sports
29th July	YOGA	Maths Lab (linear algebra)	Talk on e-learning (Prof. P.M. Ramanan)	Creative Arts	Mentoring	Library	Sports
30th July	YOGA	Maths Lab(linear algebra)	Talk (Training and placement Officer)	Creative Arts	Mentoring	English/ proficiency	Sports
1st August	YOGA	Site visit list to Concerned Departments					
2nd August	YOGA	Maths Lab (linear algebra)	Motivation Talk by IIM Eminent Person	Creative Arts	Library		Sports
5th August	YOGA	Maths Lab (Vector calculus)	Talk about a Startup By Alumnus	General Physics	Creative arts	General Chemistry	Sports
6th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	General Chemistry	English/ proficiency	Sports
7th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	General Chemistry	English/ proficiency	Sports
8th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	General Chemistry	English/ proficiency	Sports
9th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	Feedback Presentation by students		

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking

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- Answer all the questions, don't leave out any.

SUMMARY

Transition from school to university/college life is one of the most challenging events in a student's life. Currently, precious little is done by most institutions, except for an orientation program lasting a couple of days. Student Induction is designed to help in the whole process.There will be a one week long induction program for the UG students entering the institution,right at the start. Normal classes start only after the induction program is over. Purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, set a healthy daily routine, help them build bonds with other students and faculty members, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature and expose them to a sense of larger purpose and self exploration. These would range from issues of national and international significance, ethics, sports and physical exercises, community service, sketching, artwork, and many more.

ADDON COURSE 2
Name of the program : ADDON COURSE -SALESFORCE
Duration :
List of students enrolled (with signature of students)

PRIYADARSINI J
RAHUL KUMAR R
ROHAN THOMAS REJI
ROHIT TOJO
SANGEETH C S
SHIJIN THANKACHAN

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SHIVA SHANKAR R P
SURYA W S
SWATHY R SURESH
TIJU THOMAS
VIJIKUMARI V C
VISHNU PRIYA J R

Curriculum

The Salesforce ecosystem is growing and is expected to create 0.5 million jobs in India by 2025 and hence ASAP is inviting all students to embark on this online journey where Salesforce shall provide curated content to help them learn the Salesforce skills that employers seek to be a **Salesforce Developer and Salesforce Administrator. The courses will be self-learning programs with guided self-learning modules.** A Faculty Coordinator is required for conducting sessions and mentoring the students of Engineering & Polytechnics. There is no remuneration for the faculty for owning up the mentor-ship.

Salesforce uses the power of a free learning platform known as **Trailhead,** to teach the students everything from the fundamentals of the Salesforce platform to the automation, security, and coding the platform provides.

The course details are as follows and other details are attached to this mail.

Name of the Course	**Duration**	**ASDC Institutions**	**Target Group**	**Branch**	**Course Fee**

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Salesforce Developer	92 Hours	Engineering & Polytechnic	S5 &S7	Any (knowledge in Java required)	NIL
Salesforce Administrator	48 Hours		S3	Any	NIL

The course outcomes a few to be listed includes:

- The learners can supplement education with Salesforce skills and differentiate themselves in the job market.
- The students can get benefit from the knowledge and experience of the Trailblazer Community.
- The student can build the skills and personal brand in the Salesforce ecosystem.
- The learner can prepare for interviews with job-readiness activities and mentorship opportunities.

Assessment Procedures year wise

60 multiple-choice/multiple-select questions

Time allotted to complete the exam: 120 minutes

Passing Score: 63%

References: No hard-copy or online materials may be referenced during the exam.

Summary Report

This course offered a learning platform for the students to understand what the world's number one Customer Relationship Manager (CRM) system has to offer. The students understood the

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various components that Salesforce leverages to make it an optimal system.They also learned the following aspects:

- Access, navigate around, and transition between Lightning and Classic Salesforce interfaces.
- Customize Salesforce functionality to meet specific team needs.
- Create customer, partner, and employee communities.

ADDON COURSE 3

Name of the program : ADDON COURSE - PIC MICROCONTROLLERS

Duration : 30 hrs

List of students enrolled (with signature of students)

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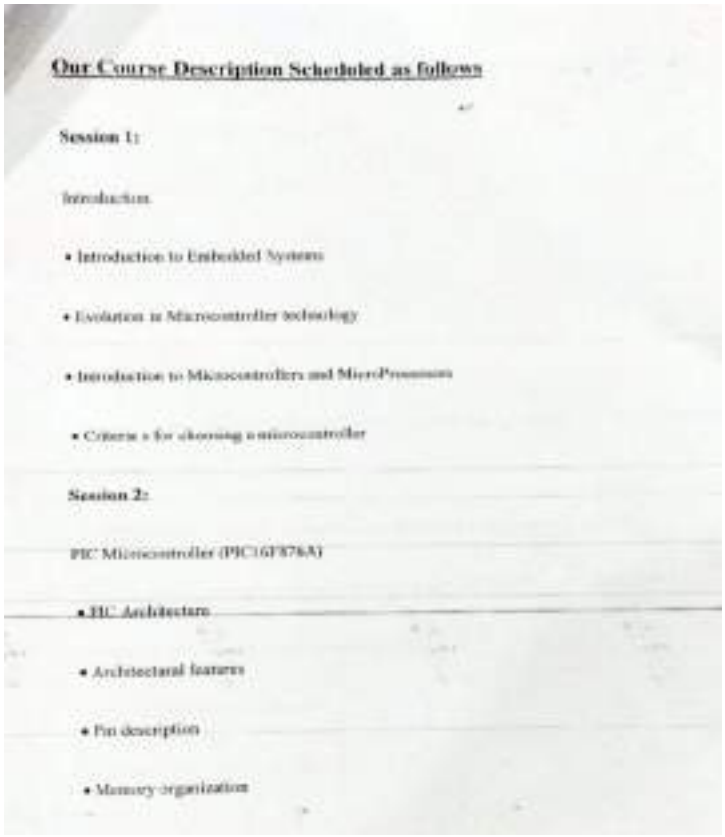

Our Course Description Scheduled as follows

Session 1:

Introduction

- Introduction to Embedded Systems
- Evolution in Microcontroller technology
- Introduction to Microcontrollers and MicroProcessors
- Criteria s for choosing a microcontroller

Session 2:

PIC Microcontroller (PIC16F876A)

- PIC Architecture
- Architectural features
- Pin description
- Memory organization

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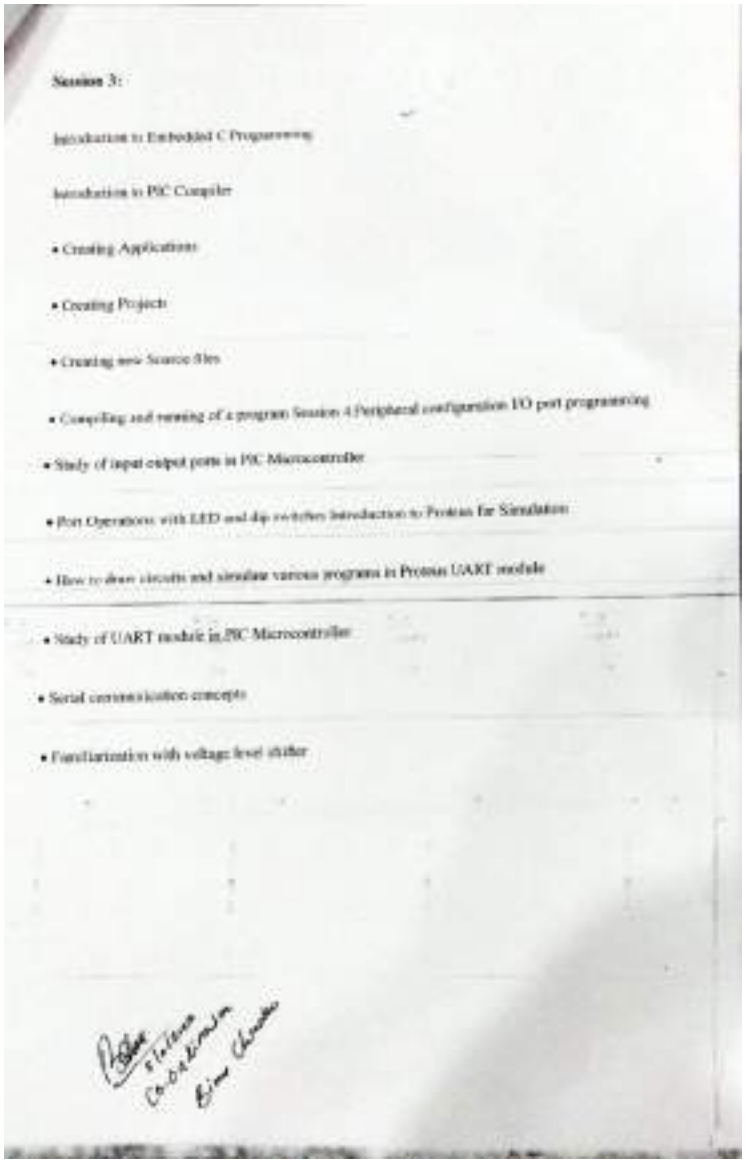

Session 3:

Introduction to Embedded C Programming

Introduction to PIC Compiler

- Creating Applications
- Creating Projects
- Creating new Source files
- Compiling and running of a program Session 4 Peripheral configuration I/O port programming
- Study of input-output ports in PIC Microcontroller
- Port Operations with LED and dip switches Introduction to Proteus for Simulation
- How to draw circuits and simulate various programs in Proteus UART module
- Study of UART module in PIC Microcontroller
- Serial communication concepts
- Familiarization with voltage level shifter

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QIS Academy

CERTIFICATE

OF

PROFICIENCY

Quest Innovative Solutions certifies that **Mr. Ajil Sathyan** has successfully completed a 5 day Internship programme on **PIC Microcontroller Programming** in association with Lourdes Matha College of Science and Technology, during the period from 28/01/2020 to 01/02/2020

Chief Technology Officer

Centre Head

Date: 13/02/2020

Certificate No. CHN0012302410

QUEST

Quest Innovative Solutions Pvt. Ltd.

ISO 9001:2015 & 10002:2014 Certified Company

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

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Summary report:

The class started from the basics of setting up a microcontroller programming and hardware environment. The students also learned all the peripheral programming from scratch. The following aspects were also taught in detail:

- Programming PIC microcontroller in MPLAB X IDE with XC8 Compiler
- How to program a PIC Microcontroller from scratch with datasheet approach
- Build your own projects with the PIC microcontroller.

ADDON COURSE 4
Name of the program : ADDON COURSE - APTITUDE TEST PREPARATION
Duration : 30 hrs
List of students enrolled (with signature of students)

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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

PLACEMENT TRAINING (22/01/2020 - 25/01/2020)

S4 ECE (2018-22 BATCH)

ROLL NO	NAME	22-01-2020		23-01-2020		24-01-2020		25-01-2020	
		FN	AN	FN	AN	FN	AN	FN	AN
1	ABHILASH VR								
2	ANNIE SL								
3	ARYA S BAIJU								
4	JOSEMON SS								
5	MEGHA P								
6	VIPIN MK								

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Curriculum

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BATCH : 2018-2022

VENUE : LOMAA HALL

DATE : 22/01/2020 – 25/01/2020

Speakers

Mr. Tony Thomas

Ms. Karthika Kurup

Mr. Robin Joseph

Mr. Sarath S Nair

Topic : PREPARATION FOR APTITUDE TEST

The placement cell training for the 4th Semester Electronics and Communication Engineering was from 22/01/2020 to 25/01/2020.

Mr. Tony Thomas, Freelance Trainer, briefed about Permutations and Combinations and problems on this area. So many previous PSU and other competitive exams questions were discussed.

Ms. Karthika Kurup, Freelance Trainer, discussed about Data Sufficiency, Clock, Calender and problems in that area.

Mr. Robin Joseph, Freelance Trainer, taught about Percentage, Profit and loss, Ratio and proportion , Time and work. Many problems in this area are discussed.

Mr. Sarath S Nair discussed about Directions and Blood relations . The problems are also discussed.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary

This addon course was offered to the students by the Career Guidance and Placement Cell of LMCST to assess their cognitive ability and to help them prepare for competitive examinations and placements . Many previous PSU and other competitive exam questions were discussed with the students.

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ADDON COURSE 5

Name of the program : ADDON COURSE - QCAD

Duration : 30 hrs

List of students enrolled (with signature of students)

STUDENT NAME	Score
ADITHYA S ANIL	32.0
AKSHAY J BERTIN	72.0% - Certificate
ANEENA S M	32.0
ASHNA S S	40.0% - Certificate
DONA CLARE TOM	24.0
PARVATHY V S	20.0
SHIFANA KHADER S	52.0% - Certificate
ARSHA V R	52.0% - Certificate
SHELJA S G	64.0% - Certificate
AISWARYA M	60.0% - Certificate
KRIPA S L	64.0% - Certificate
ABHIRAM S S	
ADARSH J S	

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AKHIL M	
ANISH S U	
ARJUN GOPAL V S	
HARISANKAR T P	
KALIDASAN S S	
NABEEL ALI	
NIPUN LAL R C	
PARVATHY V S	
RIJO VARGHESE	
ROOPESH A S	
SIDHARTH U P	
SREEJITH G M	
VISHAL V S	
VISHNU R A NAIR	

Curriculum

Introduction to QCAD

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QCAD is an application for computer aided drafting in two dimensions (2d). It is a simple 2D CAD system for everyone. Using QCAD you can create technical drawings such as plans for buildings, interiors, mechanical parts or schemas and diagrams. QCAD works on Windows, Mac OS X and many Linux and Unix Systems. The source code of the QCAD community edition is released under the GPL (Open Source).

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

QCAD is a computer-aided design (CAD) software application for 2D design and drafting. This course offered the students an opportunity to create technical drawings such as plans for buildings, interiors or mechanical parts.

ADDON COURSE 6
Name of the program : ADDON COURSE - C PROGRAMMING
Duration : 30 hrs
List of students enrolled (with signature of students)

STUDENT NAME	
ABHIRAMI B	32.5
ADARSH V S	42.5% - Certificate
ADHITHYA S D	42.5% - Certificate

AGAN S A	40.0% - Certificate
AISWARYA B C	17.5
AJINRAJ J A	40.0% - Certificate
AKHIL SUJITH	
AKSHAY KRISHNAN M S	17.5
ALFIN M S	
ANAKHA S CHANDRAN	25.0
ANANTHANUNNI S B	20.0
ANISHMA A S	10.0
ANUPAMA M K	
ANUSHMA P R	
ASWATHY A S	47.5% - Certificate
ASWIN A S	40.0% - Certificate
DEVADATH A G	25.0
FATHIMA RAZLA S S	32.5
GOKUL G T	35.0
GOWRI C S	
G P AKASH	
GRACE SOPHIA S	40.0% - Certificate

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GREESHMA K	30.0
HARISHANKAR M A	45.0% - Certificate
JESTIN MATHEW	17.5
JIJIN RAJ	30.0
JISHA G S	
JITHIN T ABRAHAM	
KRISHNA A R	20.0
MEENAKSHI S	
MOHAMMAD ANES	27.5
NANDAGOPAL R	
NAVEEN N K	
NIKHIL M J	
PARVATHY V A	
RAHUL NAIR	
RAHUL R	
RAMANATH A R	
RAVISANKAR J S	
RENJITH B J	
R SREE LEKSHMY	
S AARABHI	

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SABAREESH A S	
SANGEETHA S S	57.5% - Certificate
SHINCY B S	
SONA NAVAS S	
SONA S JOSH	
SRAVYA RAMAN	
SRUTHI A S	50.0% - Certificate
SUNITH V S	
TRISHNA S SURESH	40.0% - Certificate
VANIRAJ MITRA L	
VISHNU A	

Curriculum

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

An Operating System(OS) is a software(collection of programs) that controls the various functions of a computer. Also it makes other programs on your computer work.

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For example, you cannot work with a word processor program, such as Microsoft Word, if there is no operating system installed on your computer.Windows, Unix, Linux, Solaris, and MacOS are some of the popular operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

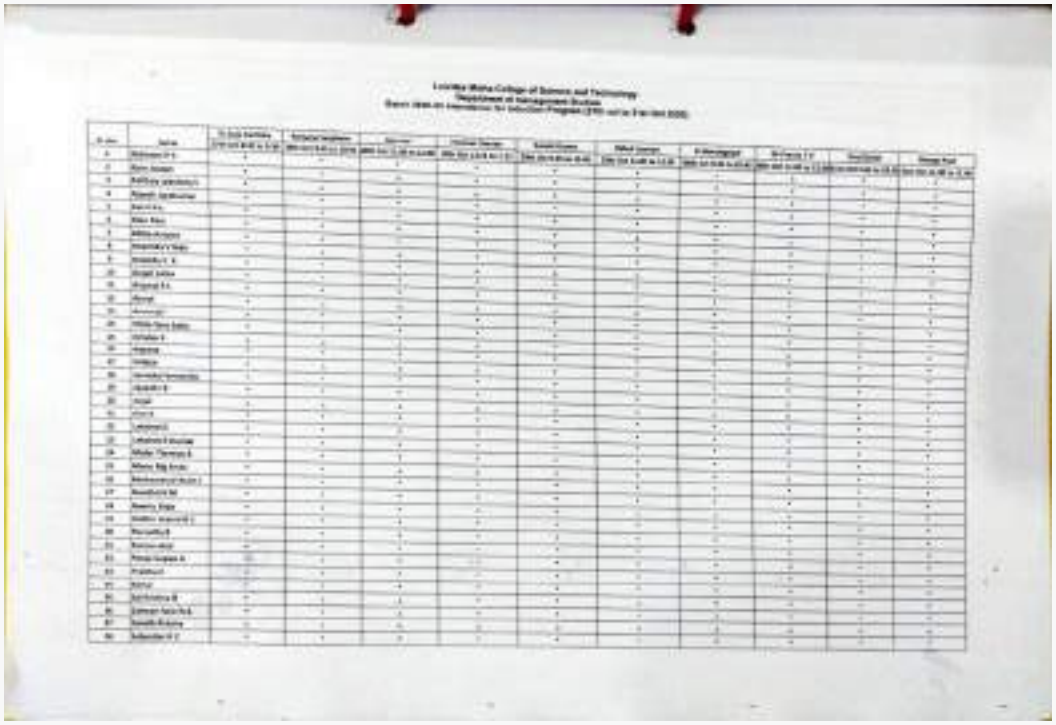
Summary Report

This course familiarised the students with the universal concepts of computer programming. It also helped the students to:

- present the syntax, semantics and basic data types of the C language
- discuss the principles of the object-oriented model and its implementation in the C language
- demonstrate the means to resolve typical implementation problems with the help of standard C language libraries.

ADDON COURSE 7
Name of the program : ADDON COURSE - HABITS AND SUCCESS
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL



PRINCIPAL

Curriculum

LMIMS

Lourdes Matha Institute of Management Studies

XIME

Batch 16 – 2020-22

Course: Habits and Success

Course Objectives:

The course aimed at the following aspects in students:

1. Inculcating habits of success in students
2. Developing character ethics in students
3. Establishing the practice of journalizing and reviewing life events
4. Setting goals and working towards success
5. Contributing towards the success of others, improving the society

The course was based on two books viz.:

1. The 7 Habits of Highly Effective People: Stephen R Covey
2. The 21day countdown to success: Chris

About the course:

The course was scheduled for 30 days of sessions ranging from 60 minutes to 90 minutes. The sessions were as follows:

Session No	Theme
1	Introduction to The 7 habits of highly effective people
2	Habit 1: Being Proactive
3	Habit 2: Begin with end in mind
4	Habit 3: Put first things first
5	Habit 4: Think win-win
6	Habit 5: Seek first to understand and then to be understood
7	Habit 6: Synergize
8	Habit 7: Sharpen the saw
9	Introduction to The 21 Day Countdown to success
10	Day 21: Think about it
11	Day 20: Discover your destiny
12	Day 19: See your success
13	Day 18: Tell yourself to win
14	Day 17: Take charge of your life
15	Day 16: Simplify your life
16	Day 15: Celebrate and succeed

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17	Day 14: Face your fears
18	Day 13: Take risk with confidence
19	Day 12: Turn your failures into success
20	Day 11: Do it now
21	Day 10: Expand your horizon
22	Day 9: Learn from leaders
23	Day 8: Listen to your heart
24	Day 7: Plan for abundance
25	Day 6: Attract more money
26	Day 5: Focus your mind
27	Day 4: Make a real change
28	Day 3: Give others your best
29	Day 2: Look within you
30	Day 1: Live in the moment

Details:
https://docs.google.com/spreadsheets/d/17[illegible]
up-sharing

The course included lectures and activities. The course required a 21day continuous journal writing on the following

1. What mattered most during the day?
2. What was the pleasant surprise of the day?
3. What was the hunch during the day?
4. What was the breakthrough on the day?
5. What was the innovative/novel idea that came up during the day?
6. What were the emotions that sprung up during the day?
7. What are the various things/people/incidences/others one is thankful for?
8. What were the actions of kindness towards planet and people during the day?

The course also required the following as a daily practice:

1. Positive affirmations
2. Meditation
3. Clutter removal from mind and physical space

The course required setting goals in the four areas of life and following them up:

1. Physical
2. Intellectual
3. Social
4. Spiritual

The course was done by Dr. Merria Selva Malar, Dean LMIMS

The link to folder/drive with the recording of the sessions:
https://drive.google.com/drive/folders/13cE_7[illegible]
up-sharing

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.

LMIMS

XIME

LOURDES MATHA INSTITUTE OF MANAGEMENT STUDIES

LOURDES HILLS, KUTTICHAL, TRIVANDRUM, KERALA

CERTIFICATE OF COMPLETION

This is to certify that **Mr. NIDHIN DRAVID R S** (MBA 2020-22 BATCH) has successfully completed the 30-hour **Certification Course on Habits and Success.**

Ms. Nithya R
Class Advisor (2020-22 Batch)

Dr.Smitha Jose Panackal
Head of the Department

Dr. Mercia Selva Malar Justin
Dean

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

This course aimed at the following aspects in students:

- Inculcating habits of success.
- Developing character ethics.
- Establishing the practice of journalizing and reviewing life events
- Setting goals and working towards success.
- Contributing towards the success of others and thereby improving the society.

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ADDON COURSE 8

Name of the program : ADDON COURSE FOR BEGINNERS - B.TECH

Duration : 84 hr

List of students enrolled (with signature of students

PRINCIPAL

B TECH EEE 2019-2023
ADD ON COURSE FOR BEGINNERS - B. TECH
ATTENDANCE SHEET

Sl. No.	Student name	22-07-2019	23-07-2019	24-07-2019	25-07-2019	26-07-2019
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						

Curriculum

PRINCIPAL

22nd July	(REGISTRATION) & Special Address by Mar Thomas Tharayil (Auxiliary Bishop of Changanacherry) TBD				Interaction with Parents/PTA for S1 TBD		
23rd July	Meeting with HoDs, Senior Faculty Advisors, Faculty Advisors & Dept. visit including Labs				Life skills	English	Sports
24th July	YOGA	English	Briefing on new academic curriculum, Overview Talk (Principal)		Mentoring		Sports
25th July	YOGA	Maths Lab (linear algebra)	Inspiration Talk (Manager & Director)		Creative Arts	Library	Sports
26th July	YOGA	Maths Lab (linear algebra)	Counseling Talk (Exe. Director)	Creative Arts	Mentoring	English/ proficiency	Sports
29th July	YOGA	Maths Lab (linear algebra)	Talk on learning (Prof. P.M.Hormese)	Creative Arts	Mentoring	Library	Sports
30th July	YOGA	Maths Lab(linear algebra)	Talk (Training and placement Officer)	Creative Arts	Mentoring	English/ proficiency	Sports
1st August	YOGA	Site visit led by Concerned Departments					
2nd August	YOGA	Maths Lab (linear algebra)	Motivation Talk by an (Eminent Person)	Creative Arts	Library		Sports
5th August	YOGA	Maths Lab (Vector calculus)	Talk about a Startup by Alumnus	General Physics	Creative arts	General Chemistry	Sports
6th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	General Chemistry	English/ proficiency	Sports
7th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	General Chemistry	English/ proficiency	Sports
8th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	General Chemistry	English/ proficiency	Sports
9th Aug	YOGA	Maths Lab (Vector calculus)	Physics	Creative arts	Feedback Presentation by students		

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking

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Lourde Hills, Kuttichal P.O.

- Answer all the questions, don't leave out any.

Summary Report

Orientation program for beginners begins before classes start. This is to ensure that the students take-off fully motivated and prepared in the right mode and direction with their studies.The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.The students were introduced to basic topics in all the engineering subjects so that they could get an idea about the engineering subjects. This add-on course for the beginners was very useful for the students because it helped them to get the right direction and guidance in enrolling for classes.

ADDON COURSE 9
Name of the program : ADDON COURSE FOR BEGINNERS - MBA
Duration : 108 hrs
List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
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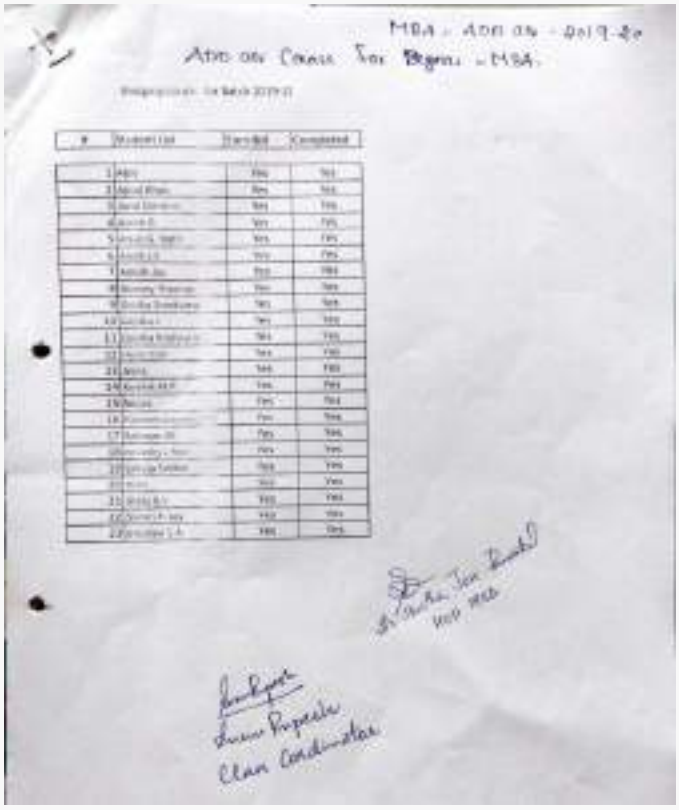

MBA - ADD ON - 2019-20

ADD ON Course for Regular - MBA.

#	Student List	Enrolled	Completed
1	[illegible]	Yes	Yes
2	[illegible]	Yes	Yes
3	[illegible]	Yes	Yes
4	[illegible]	Yes	Yes
5	[illegible]	Yes	Yes
6	[illegible]	Yes	Yes
7	[illegible]	Yes	Yes
8	[illegible]	Yes	Yes
9	[illegible]	Yes	Yes
10	[illegible]	Yes	Yes
11	[illegible]	Yes	Yes
12	[illegible]	Yes	Yes
13	[illegible]	Yes	Yes
14	[illegible]	Yes	Yes
15	[illegible]	Yes	Yes
16	[illegible]	Yes	Yes
17	[illegible]	Yes	Yes
18	[illegible]	Yes	Yes
19	[illegible]	Yes	Yes
20	[illegible]	Yes	Yes
21	[illegible]	Yes	Yes
22	[illegible]	Yes	Yes
23	[illegible]	Yes	Yes

Lucas Rupesh
Class Coordinator

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LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kottachal P.O.

Curriculum

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Managed by Archdiocese of Changanacherry

FOUNDATION PROGRAM TIMETABLE FROM 08/07/2019 to 26/07/2019 FOR BATCH 2019-2021

Date	09:30 am to 10:45 am	10:45 am - 12:00 pm	12:00 noon to 12:30 pm	12:30 pm to 01:15 pm	01:15 pm - 2:00 pm	2:00 pm - 4 pm
08/07/2019 Monday	Management Theory & Practice	Economics for Managers	Computer Applications	Maths & Mathematics	Accounting for Managers	Admin
09/07/2019 Tuesday	Accounting for Managers	Maths & Mathematics	Management Theory & Practice	Admin	Computer Applications	Economics for Managers
10/07/2019 Wednesday	Maths & Mathematics	Admin	Computer Applications	Management Theory & Practice	Accounting for Managers	Economics for Managers
11/07/2019 Thursday	Computer Applications	Accounting for Managers	Management Theory & Practice	Economics for Managers	Trade Activity	Maths & Mathematics
12/07/2019 Friday	Accounting for Managers	Management Theory & Practice	Maths & Mathematics	Computer Applications	Trade Activity	Economics for Managers
13/07/2019 Saturday	Maths & Mathematics	Admin	Computer Applications	Accounting for Managers	Computer Applications	Management Theory & Practice
15/07/2019 Monday	Computer Applications	Management Theory & Practice	Economics for Managers	Maths & Mathematics	Trade Activity	Economics for Managers
16/07/2019 Tuesday	Management Theory & Practice	Economics for Managers	Maths & Mathematics	Accounting for Managers	Trade Activity	Computer Applications
17/07/2019 Wednesday	Accounting for Managers	Computer Applications	Management Theory & Practice	Maths & Mathematics	Trade Activity	Economics for Managers
18/07/2019 Thursday	Economics for Managers	Computer Applications	Maths & Mathematics	Accounting for Managers	Economics for Managers	Trade Activity
19/07/2019 Friday	Management Theory & Practice	Maths & Mathematics	Computer Applications	Management Theory & Practice	Trade Activity	Accounting for Managers
20/07/2019 Saturday	Accounting for Managers	Computer Applications	Management Theory & Practice	Maths & Mathematics	Management Theory & Practice	Economics for Managers
22/07/2019 Monday	Management Theory & Practice	Maths & Mathematics	Computer Applications	Accounting for Managers	Economics for Managers	Trade Activity
23/07/2019 Tuesday	Maths & Mathematics	Economics for Managers	Management Theory & Practice	Computer Applications	Trade Activity	Economics for Managers
24/07/2019 Wednesday	Accounting for Managers	Maths & Mathematics	Maths & Mathematics	Computer Applications	Management Theory & Practice	Admin

	Subject	Faculty in charge
1	Maths & Mathematics	Prof. Sony Rajesh
2	Economics for Managers	Dr. Arun M.
3	Management Theory & Practice	Prof. Sudeesh KS
4	Accounting for Managers	Dr. Sindhu J
5	Computer Applications	Prof. Nibin M

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.
-

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LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY - DEPARTMENT OF MANAGEMENT STUDIES
FOUNDATION EXAMINATION MARKS - CONSOLIDATED
2019 - 2021 BATCH

S.No.	Names	MTP 24/07/2019 FN (09:00 - 10:30am)	Economics 24/07/2019 AN (13:00 - 14:30 pm)	Accounting 23/07/2019 FN (09:00 - 10:30 am)	Computer Application 24/07/2019 AN (13:00 - 14:30 pm)	Statistics and Maths 23/07/2019 FN (09:00 - 10:30 am)
1	[illegible]	24	29	28	23	23
2	[illegible]	20	23	25	23	23
3	[illegible]	22	23	23	23	23
4	[illegible]	20	16	23	23	23
5	[illegible]	23	29	23	23	23
6	[illegible]	26	27	23	Absent	Absent
7	[illegible]	24	23	23	23	23
8	[illegible]	19	26	23	Absent	23
9	[illegible]	24	Absent	Absent	Absent	Absent
10	[illegible]	19	28	24	23	30
11	[illegible]	25	23	18	23	23
12	[illegible]	18	25	Absent	Absent	24
13	[illegible]	20	13	18	23	23
14	[illegible]	22	24	23	23	23
15	[illegible]	23	23	18	23	Absent
16	[illegible]	6	17	9	3	13
17	[illegible]	20	26	27	23	30
18	[illegible]	24	25	23	23	26
19	[illegible]	26	24	23	23	20
20	[illegible]	Absent	5	6	13	19
21	[illegible]	18	24	23	23	27
22	[illegible]	19	24	23	23	23
23	[illegible]	19	23	23	23	23

Class coordinator

Summary Report

Orientation program for beginners begins before classes start. This is to ensure that the students take-off fully motivated and prepared in the right mode and direction with their studies.The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.The students were introduced to basic topics in management subjects so that they could get an idea about the course. This add-on course for the beginners was very useful for the students because it helped them to get the right direction and guidance in enrolling for classes.

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

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Lourde Hills, Kottahal P.O.

ADDON COURSE 10

Name of the program : ADDON COURSE FOR BEGINNERS - MCA

Duration : 30 hrs

List of students enrolled (with signature of students)

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal,Thiruvananthapuram - 695 574, Kerala

DEPARTMENT OF COMPUTER APPLICATIONS

Certificate

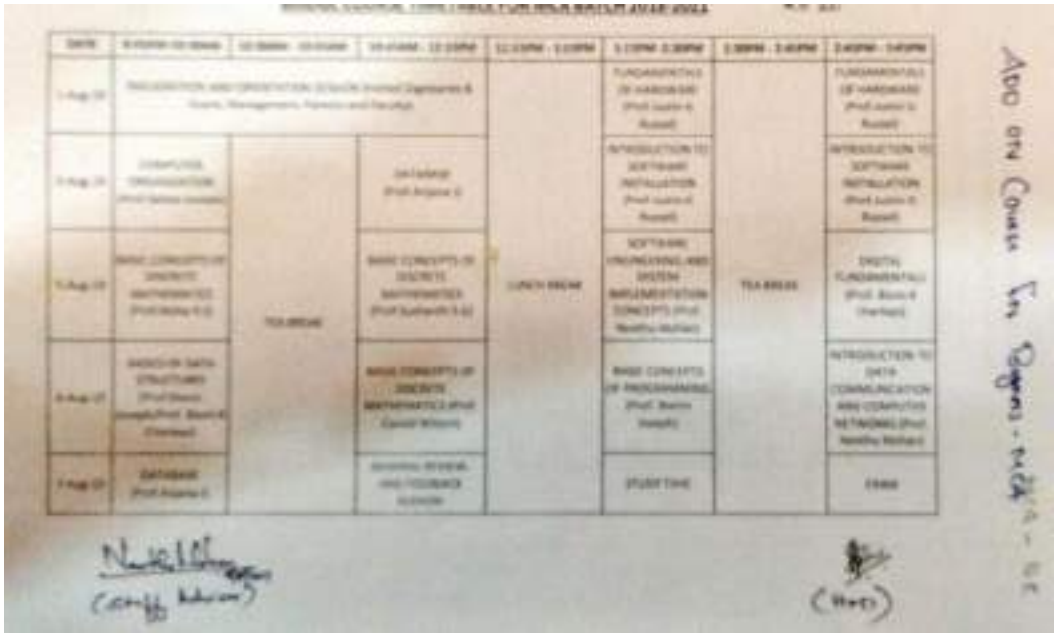
This is to certify that.....Anu Fathima....., of S3 MCA of Lourdes Matha College of Science and Technology has successfully completed the Bridge Course from 1st August to 7th August 2019 at Lourdes Matha College of Science and Technology.

Head of the Department

Principal

Curriculum

PRINCIPAL



Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

Orientation program for beginners begins before classes start. This is to ensure that the students take-off fully motivated and prepared in the right mode and direction with their studies.The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.The students were introduced to basic topics in programming and softwares so that they could get an idea about the course. This add-on course for the beginners was very useful for the students because it helped them to get the right direction and guidance in enrolling for classes.

PRINCIPAL

ADDON COURSE 11

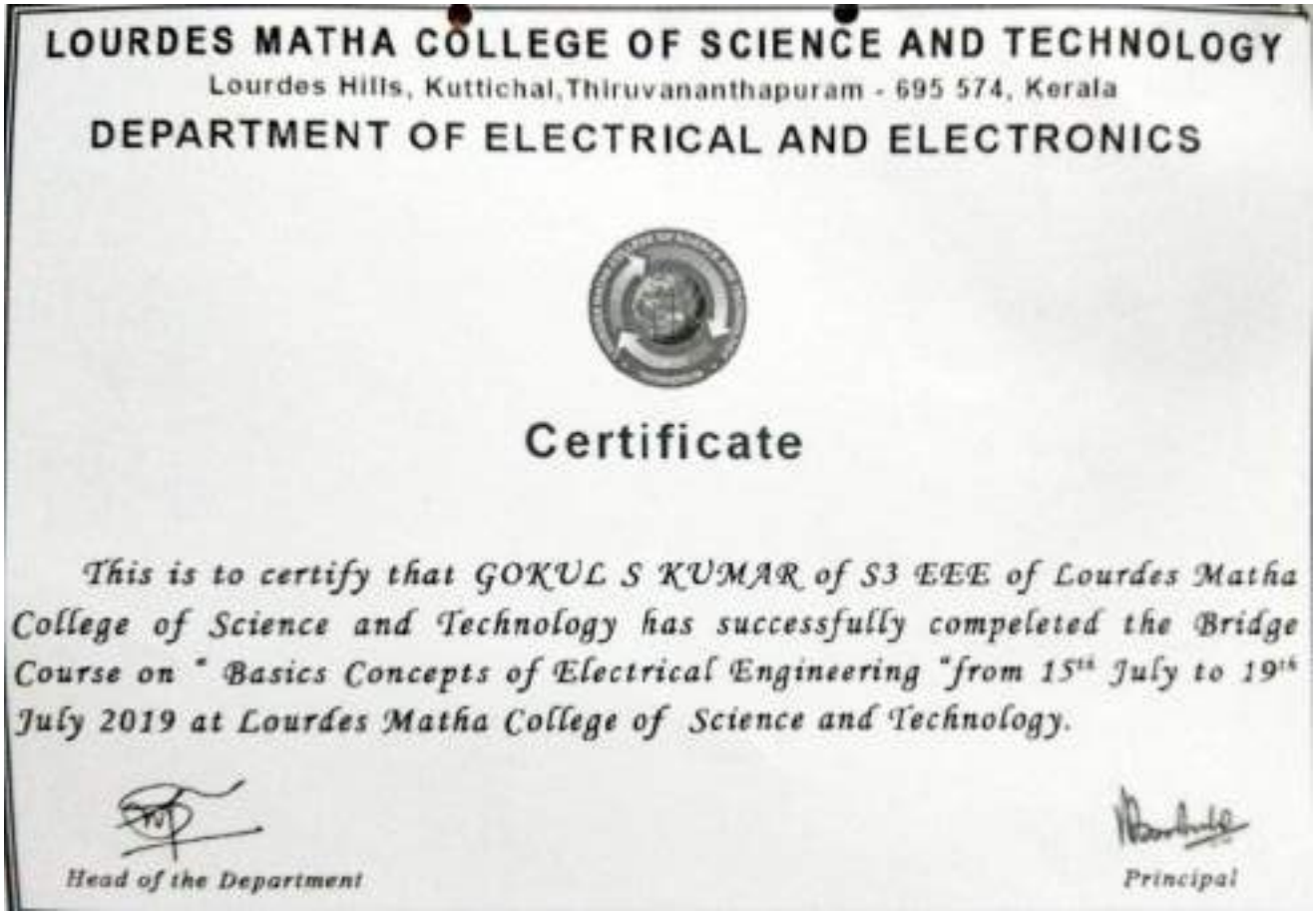
Name of the program : ADDON COURSE - BASICS OF EEE

Duration : 30 hrs

List of students enrolled (with signature of students)

Sl No	NAME OF THE CANDIDATE	Signature
1	AL-AMEEN M S	
2	JUSTIN JOESPH	
3	AMAL ALPHONSE	
4	BIJITH B S	
5	JIBIN B	
6	GOKUL S KUMAR	

PRINCIPAL



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal,Thiruvananthapuram - 695 574, Kerala

DEPARTMENT OF ELECTRICAL AND ELECTRONICS

Certificate

This is to certify that GOKUL S KUMAR of S3 EEE of Lourdes Matha College of Science and Technology has successfully compeleted the Bridge Course on " Basics Concepts of Electrical Engineering "from 15th July to 19th July 2019 at Lourdes Matha College of Science and Technology.

Head of the Department

Principal

Curriculum

PRINCIPAL

Inauguration

Date: 22-7-2019 (Monday) Venue: LOMAA HALL

Programme

8.30 a.m.-9.00 a.m. - Assembly of students & parents at LOMAA hall
(HoDs, SFAs and FAs to receive and guide them)

9.00 a.m. - Prayer (Prof.Chinty Joji)

9.05 a.m. - Welcome Speech (Principal)

LIGHTING THE LAMP

9.10 a.m - Presidential address Rev.Fr.Dr.Tomy Joseph Padinjareveettil

9.20 a.m - Address by Rev.Fr.Dr.Sony Mundanadackal

9.30 a.m - Address by Rev. Fr.Avies Edachethra

9.40 a.m - Address by Rev.Fr Varghese Nambimadom

10.45 a.m - Prize distribution to Orientation course toppers by Director

11.00 am : Video streaming of the programme by Hon. Education Minister

Tea break

11.45 a.m - Video film screening on anti-ragging

11.45am -12.30 p.m -Interaction with parents and selection of parent members for P T A and anti-ragging

12.30 - Lunch

1.30-3.30 p.m - Interaction of HODs, SFAs with Students (Respective Departments)

PRINCIPAL

Add on Course - Basics of EEE

July 2019

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

BRIDGE COURSE TIME TABLE FOR S3EEE 2018-2022

	1	2	3	4	5	6	7
25/07/19	C&N	DCT	C&N	DCT	AEC	AEC	PT
26/07/19	AEC	C&N	DCT	AEC	DCT	C&N	PT
27/07/19	C&N	DCT	C&N	DCT	AEC	AEC	PT
29/07/19	AEC	C&N	DCT	AEC	DCT	C&N	PT
30/07/19	C&N	DCT	C&N	DCT	AEC	AEC	PT

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Course No.	Course Name	L-T-P -Credits	Year of Introduction
EE205	DC MACHINES AND TRANSFORMERS	3-1-0-4	2016

Prerequisite : Nil

Course Objectives

To give exposure to the students about the concepts of direct current machines and transformers, including their constructional details, principle of operation and performance analysis.

Syllabus:

Electromagnetic principles for Machines, electrodynamic equations and their solution, Magnetic Circuits for Machines, construction of DC machines, DC generators, DC motor, Transformers - single phase and three phase, Construction of single phase and three phase transformers, losses and efficiency, equivalent circuit, testing, Transformer connections.

Expected outcome

After the successful completion of this course, the students will be able to

1. identify dc generator types, and appreciate their performance
2. describe the principle of operation of dc motor and select appropriate motor types for different applications.
3. analyse the performance of different types of dc motors
4. describe the principle of operation of single phase transformers
5. analyse the performance of single phase transformers
6. familiarize with the principle of operation and performance of three phase transformers.

Text Book

1. Bimbra P. S., *Electrical Machinery*, 7/e, Khanna Publishers, 2011.
2. Nagrath I. and D. P. Kothari, *Theory of AC Machines*, Tata McGraw Hill, 2006.

Reference Books

1. Fitzgerald A. E., C. Kingsley and S. Umans, *Electric Machinery*, 5/e, McGraw Hill, 1990.
2. Langsdorf M. N., *Theory of Alternating Current Machinery*, Tata McGraw Hill, 2001.
3. Abhijith Chakrabarti, Sudipta Debnath, Electrical Machines, McGraw Hill Education, New Delhi 2015.
4. Deshpande M. V., *Electrical Machines*, Prantice Hall India, New Delhi, 2011.
5. Theodore Wilde, *Electrical Machines, Drives and Power System*, Pearson Ed. Asia 2001.

Data Book (Approved for use in the examination): Nil

Course Plan

Module	Contents	Hours	Semester Exam Marks
I	Electromagnetic principles for Machines: Electro dynamical equations and their solution – rotational motion system – mutually coupled coils – construction of DC machines – energy conversion in rotating electrical machines – eddy currents and eddy current losses – flux distribution curve in the airgap – armature windings – lap and wave windings – selection criteria – equalizer rings – dummy coils.	9 hours	15%
II	DC generators – EMF equation – methods of excitation – separately and self excited – shunt, series, compound – armature reaction – effects of armature reaction – demagnetizing & cross magnetizing ampere-turns – compensating windings – interpoles – commutation – methods	9 hours	15%

PRINCIPAL

	characteristics – load characteristics – losses and efficiency – power flow diagram – parallel operation – applications of dc generators.		
	FIRST INTERNAL EXAMINATION		
III	DC motor – principle of operation – back emf – classification – torque equation – losses and efficiency – power flow diagram – performance characteristics of shunt, series and compound motors – starting of dc motors – necessity and types of starters – speed control – methods of speed control – testing – Swinburne's test – Hopkinson's test – separation of losses – retardation test – applications of dc motors.	9 hours	15%
IV	Transformers – principle of operation – types and construction, core type and shell type construction, dry type transformers, cooling of transformers – ideal transformer – transformation ratio – dot convention – polarity test – practical transformer – kVA rating – equivalent circuit – phasor diagram.	9 hours	15%
	SECOND INTERNAL EXAMINATION		
V	Transformer losses and efficiency – voltage regulation – OC & SC test – Sumpner's test – all day efficiency Autotransformer – saving of copper – current rating and kVA rating of autotransformers, parallel operation of single phase transformers, necessary and desirable conditions of parallel operation, on load and off load tap changers.	9 hours	20%
VI	3-phase transformer – 3-phase transformer connections – Δ-Δ, Y-Y , Δ-Y , Y-Δ, V-V – vector groupings Yy0, Dd0, Yd1, Yd11, Dy1, Dy11 – Scott connection – three winding transformer – tertiary winding – percentage and per unit impedance – parallel operation of three phase transformers.	9 hours	20%
	END SEMESTER EXAM		

QUESTION PAPER PATTERN (End semester exam)

Part A: 8 questions.

One question from each module of Module I - IV; and two each from Module V & VI.
Student has to answer all questions. (8 x5)=40

Part B: 3 questions uniformly covering modules I&II
Student has to answer any 2 questions: (2 x 10) =20

Part C: 3 questions uniformly covering modules III&IV
Student has to answer any 2 questions: (2 x 10) =20

Part D: 3 questions uniformly covering modules V&VI
Student has to answer any 2 questions: (2 x 10) =20

Note: Each question can have maximum of 4 sub questions, if needed.

PRINCIPAL

Course No.	Course Name	L-T-P -Credits	Year of Introduction
EE201	CIRCUITS AND NETWORKS	3-1-0-4	2016

Prerequisite: Nil

Course Objectives:
To learn about various techniques available to solve various types of circuits and networks
To gain the capability to synthesize a circuit for a particular purpose.

Syllabus AC Circuit Analysis(Steady State AC Analysis), Network topology, Transient analysis,
Laplace transform – properties , Transformed circuits, Two port networks, Symmetrical two port reactive networks as filters, Network functions, Network Synthesis

Expected outcome.
Ability to solve any DC and AC circuits
Ability to apply graph theory in solving networks
Ability to apply Laplace Transform to find transient response
Ability to synthesize networks

Text Book:
1. Hayt and Kemmerly -Engineering Circuit Analysis, 8e, Mc Graw Hill Education , New Delhi, 2013.
2. Sudhakar and Shyam Mohan- Circuits and Networks: Analysis and Synthesis, 5e, Mc Graw Hill Education,

Data Book (Approved for use in the examination): Nil

References:
1. Siskind C.S : Electrical Circuits ,McGraw Hill
2. Joseph. A. Edminister: Theory and problems of Electric circuits, TMH
3. D Roy Chaudhari: Networks and Systems, New Age Publishers
4. A . Chakrabarti : Circuit Theory (Analysis and Synthesis),Dhanpat Rai &Co
5. Valkenberg : Network Analysis ,Prentice Hall of India
6. B.R. Gupta: Network Systems and Analysis, S.Chand & Company ltd

Course Plan

Module	Contents	Hours	End Sem. Exam Marks
I	Network theorems – Superposition theorem – Thevenin's theorem – Norton's theorem – Reciprocity Theorem – Maximum power transfer theorem – dc and ac steady state analysis – dependent and independent sources	9 hours	15%
II	Network topology – graph, tree, incidence matrix – properties of incidence matrix – fundamental cut sets – cut set matrix – tie sets – fundamental tie sets – tie set matrix – relationships among incidence matrix, cut set matrix & tie set matrix – Kirchoff's laws in terms of network topological matrices –	9 hours	15%

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Cherukunnu, Kottarakkara P.O

	FIRST INTERNAL EXAMINATION		
III	Steady state and transient response – DC response & sinusoidal response of RL, RC and RLC series circuits	9 hours	15%
IV	Application of Laplace transform in transient analysis – RL, RC and RLC circuits (Series and Parallel circuits) – step and sinusoidal response Transformed circuits – coupled circuits - dot convention - transform impedance/admittance of RLC circuits with mutual coupling – mesh analysis and node analysis of transformed circuits – solution of transformed circuits including mutually coupled circuits in s-domain	10 hours	15%
	SECOND INTERNAL EXAMINATION		
V	Two port networks – Z, Y, h, T parameters – relationship between parameter sets – condition for symmetry & reciprocity – interconnections of two port networks – driving point and transfer immittance – T-π transformation.	9 hours	20%
VI	Network functions–Network synthesis-positive real functions and Hurwitz polynomial-synthesis of one port network with two kinds of elements-Foster form I&II-Cauer form I&II.	8 hours	20%
	END SEMESTER EXAM		

QUESTION PAPER PATTERN (End semester exam)

Part A: 8 questions.

One question from each module of Module I - IV; and two each from Module V & VI. Student has to answer all questions. (8 x5)=40

Part B: 3 questions uniformly covering modules I&II

Student has to answer any 2 questions: (2 x 10) =20

Part C: 3 questions uniformly covering modules III&IV

Student has to answer any 2 questions: (2 x 10) =20

Part D: 3 questions uniformly covering modules V&VI

Student has to answer any 2 questions: (2 x 10) =20

Note: Each question can have maximum of 4 sub questions, if needed.

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Course No.	Course Name	L-T-P -Credits	Year of Introduction
EE203	ANALOG ELECTRONICS CIRCUITS	3-1-0-4	2016

Prerequisite : Nil

Course Objectives

- To impart an in depth knowledge in electronic semiconductor devices & circuits giving importance to the various aspects of design & analysis.
- To provide knowledge about different types amplifier & oscillator circuits and their design.
- To provide a thorough understanding of the operational amplifier circuits and their functions.

Prerequisites: Nil

Syllabus Diode clipping and clamping circuits and Zener voltage regulators, BJT biasing, AC Equivalent Circuit of BJT and CE amplifier analysis, Biasing of JFET and MOSFET, Frequency response of BJT and FET amplifiers, Power amplifiers using BJT, Feedback amplifiers &Oscillator Circuits

Operational Amplifier basics and OP-AMP Circuits, Wave form generation using Op-Amp, Multivibrators using Timer IC 555

Expected outcome: Upon successful completion of the course the students will be able to

1. Design biasing scheme for transistor circuits
2. Model BJT and FET amplifier circuits
3. Choose a power amplifier with appropriate specifications for electronic circuit applications
4. Design & analyse oscillator circuits using BJT
5. Choose Operational amplifier(OPAMP) for specific applications including waveform generation.
6. Design & implement analog circuits using OPAMPs

Text Book:

1. Malvino A. and D. J. Bates, Electronic Principles 7/e, Tata McGraw Hill, 2010.
2. Boylestad R. L. and L. Nashelsky, Electronic Devices and Circuit Theory, 10/e, Pearson Education India, 2009.
3. Choudhury R., Linear Integrated Circuits, New Age International Publishers, 2008.

Data Book (Approved for use in the examination): Nil

References:

1. Floyd T. L., Fundamentals of Analog Circuits,, Pearson Education, 2012.
2. Robert T. Paynter and John Clemons, Paynter's Introductory electronic devices & circuits, Prentice Hall Career & Technology, New Jersey.
3. Bell D. A., Electronic Devices and Circuits, Prentice Hall of India, 2007.
4. Millman J. and C. C. Halkias, Integrated Electronics: Analog and Digital Circuits and Systems, Tata McGraw-Hill, 2010.
5. Streetman B. G. and S. Banerjee, Solid State Electronic Devices, Pearson Education Asia, 2006.
6. Gayakward R. A., Op-Amps and Linear Integrated Circuits, PHI Learning Pvt. Ltd., 2012.

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Course Plan

Module	Contents	Hours	Sem.Exam.Marks
I	**Diode Circuits**: Diode clipping circuits - Single level and two level clippers - Clamping circuits – Design of Zener Voltage Regulators. **Bipolar Junction Transistors** : Review of BJT characteristics- Operating point of a BJT – Factors affecting stability of Q point and DC Biasing – Biasing circuits: fixed bias, collector to base bias, voltage division bias and self bias (Derivation of stability factors for Voltage Divider Biasing only) –Bias compensation using diode and thermistor. Low frequency equivalent circuit of BJT: Common Emitter amplifier - AC Equivalent Circuit – Role of coupling and emitter bypass capacitors – h parameter model of BJT -Amplifier gains and impedances calculations using h equivalent circuit.	9 hours	15%
II	**Field Effect Transistors** : Review of JFET and MOSFET construction, working and characteristics- Biasing a JFET and MOSFET using voltage divider bias-- CS and CD amplifiers – small signal models-FET as switch and voltage controlled resistance. **Frequency response of Amplifiers** : Miller's Theorem-BJT Internal Capacitances at high frequency operations-High frequency analysis of CE Amplifier using hybrid Pi Model -Low Frequency Response of Common Emitter amplifier — CE High frequency response-Gain bandwidth product- —Low and High Frequency response of FET amplifiers	9 hours	15%
	FIRST INTERNAL EXAMINATION		
III	**Multistage amplifiers** : Direct, RC, transformer coupled amplifiers – **Power amplifiers using BJT** : Class A, Class B and Class AB and class C- Conversion efficiency and distortion in power amplifiers. **Feedback Amplifiers**- Effect of positive and negative feedbacks- Basic feedback topologies and their properties	8 hours	15%
IV	**Oscillators** : Bark Hausen's criterion – RC oscillators (RC Phase shift oscillator and Wein Bridge oscillator) –LC oscillators (Hartley and Colpitt's)- Derivation of frequency of oscillation for the		

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	Operational Amplifiers: Review of Operational Amplifier basics - Analysis of fundamental differential amplifier- Properties of ideal and practical Op-Amp - Gain, CMRR and Slew rate of IC 741 and LM 301– Drift and frequency compensation in OP Amps- Open loop and Closed loop Configurations-Concept of virtual short and its relation to negative feedback		
	SECOND INTERNAL EXAMINATION		
V	**OP-AMP Circuits** : Review of inverting and non-inverting amplifier circuits- Summing and difference amplifiers, Differentiator and Integrator circuits- Logarithmic amplifier- Half Wave Precision rectifier - Instrumentation amplifier Comparators: Zero crossing and voltage level detectors, Schmitt trigger.	8hours	20%
VI	**Wave form generation using Op-Amps**: Square, triangular and ramp generator circuits using Op-Amp - Effect of slew rate on waveform generation. **Timer 555 IC** : Internal diagram of 555 IC- Astable and Monostable multivibrators using 555 IC. **Oscillator circuits using Op-amps** : RC Phase shift oscillator, Wein Bridge oscillator, LC Oscillators- (Derivation not required) - Crystal oscillator.	8 hours	20%
	END SEMESTER EXAM		

QUESTION PAPER PATTERN (End semester exam)

Part A: 8 questions.

One question from each module of Module I - IV; and two each from Module V & VI.
Student has to answer all questions. (8 x5)=40

Part B: 3 questions uniformly covering modules I&II

Student has to answer any 2 questions: (2 x 10) =20

Part C: 3 questions uniformly covering modules III&IV

Student has to answer any 2 questions: (2 x 10) =20

Part D: 3 questions uniformly covering modules V&VI

Student has to answer any 2 questions: (2 x 10) =20

Note: Each question can have maximum of 4 sub questions, if needed.

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Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

Orientation program for beginners begins before classes start. This is to ensure that the students take-off fully motivated and prepared in the right mode and direction with their studies.The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.The students were introduced to basic topics in electrical engineering subjects so that they could get an idea about the course. This add-on course for the beginners was very useful for the students because it helped them to get the right direction and guidance in enrolling for classes.

ADDON COURSE 12
Name of the program : ADDON COURSE -SALESFORCE
Duration : 72 hrs
List of students enrolled (with signature of students)

JITHU PAUL
KRISHNANUNNI MENON C S
NANDANA VIJAYAN

PRINCIPAL

NANDU KRISHNA A L
NEETHU MATHEW
NIMMY SURESH
SAJIN C S
SOJA J S
SURYA S
VARUN DEV T V
VISMAYA MOHAN J V
VIVEK J S

The Salesforce ecosystem is growing and is expected to create 0.5 million jobs in India by 2025 and hence ASAP is inviting all students to embark on this online journey where Salesforce shall provide curated content to help them learn the Salesforce skills that employers seek to be a **Salesforce Developer and Salesforce Administrator. The courses will be self-learning programs with guided self-learning modules.** A Faculty Coordinator is required for conducting sessions and mentoring the students of Engineering & Polytechnics. There is no remuneration for the faculty for owning up the mentor-ship.

Salesforce uses the power of a free learning platform known as **Trailhead,** to teach the students everything from the fundamentals of the Salesforce platform to the automation, security, and coding the platform provides.

The course details are as follows and other details are attached to this mail.

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Name of the Course	Duration	ASDC Institutions	Target Group	Branch	Course Fee
Salesforce Developer	92 Hours	Engineering & Polytechnic	S5 &S7	Any (knowledge in Java required)	NIL
Salesforce Administrator	48 Hours		S3	Any	NIL

The course outcomes a few to be listed includes:

- The learners can supplement education with Salesforce skills and differentiate themselves in the job market.
- The students can get benefit from the knowledge and experience of the Trailblazer Community.
- The student can build the skills and personal brand in the Salesforce ecosystem.
- The learner can prepare for interviews with job-readiness activities and mentorship opportunities.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking

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- Answer all the questions, don't leave out any.

Summary Report

This course offered a learning platform for the students to understand what the world's number one Customer Relationship Manager (CRM) system has to offer. The students understood the various components that Salesforce leverages to make it an optimal system.They also learned the following aspects:

- Access, navigate around, and transition between Lightning and Classic Salesforce interfaces.
- Customize Salesforce functionality to meet specific team needs.
- Create customer, partner, and employee communities.

ADDON COURSE 13
Name of the program : CERTIFICATION -GOOGLE ACE
Duration : 40 hrs
List of students enrolled (with signature of students)

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ASAP(Additional Skill Acquisition Programme)
Course:Google Associate Cloud Engineer Certification

Faculty in charge: Prof.Lekshmi Chandran, Prof.Ashitha S.S Duration:Sep'19 to Dec'19

SLNO	NAME
1	[redacted]
2	[redacted]
3	[redacted]
4	[redacted]
5	[redacted]
6	[redacted]
7	[redacted]
8	[redacted]
9	[redacted]
10	[redacted]
11	[redacted]
12	[redacted]
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43	[redacted]
44	[redacted]

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coursera
Google Cloud
DONA MATHEW
Architecting with Google Compute Engine

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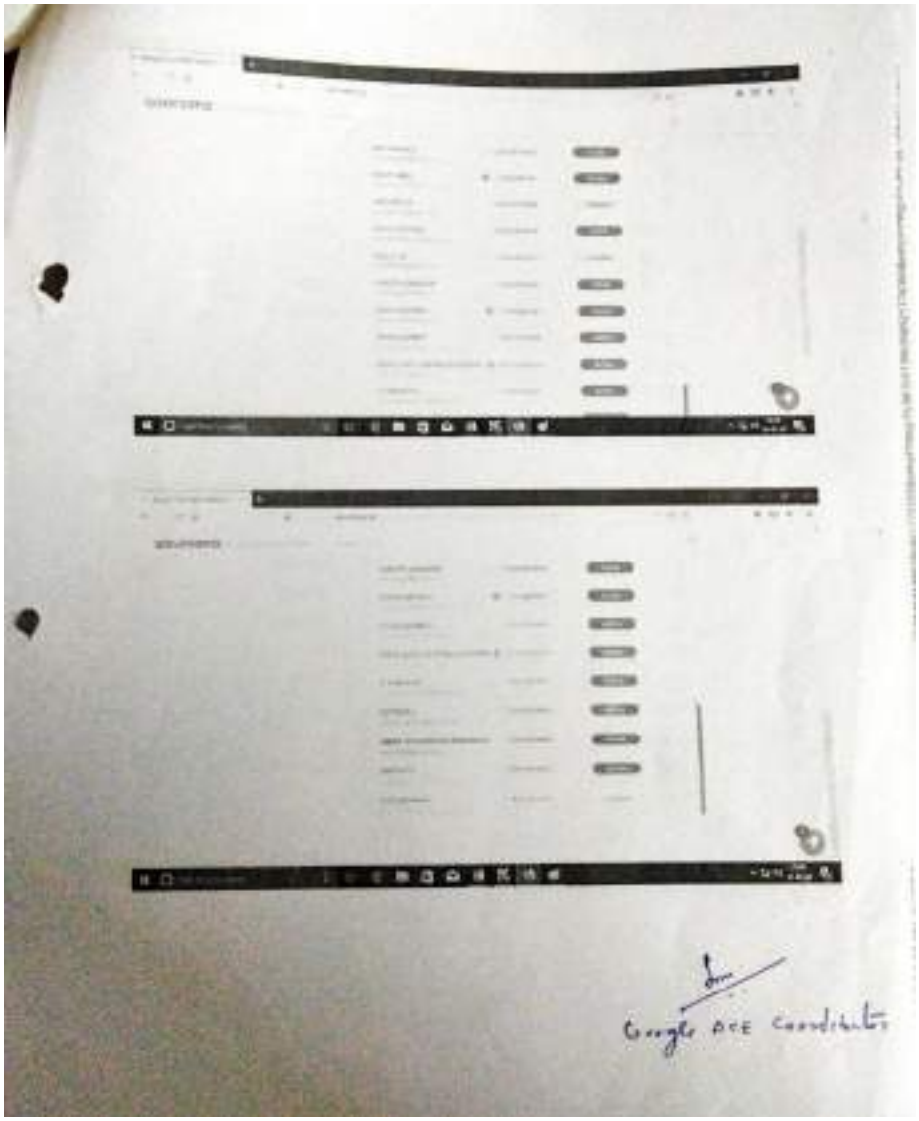

Curriculum

The Google GCP-ACE exam preparation guide is designed to provide candidates with necessary information about the Associate Cloud Engineer exam. It includes exam summary, sample questions, practice test, objectives and ways to interpret the exam objectives to enable candidates

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to assess the types of questions-answers that may be asked during the Google Cloud Platform - Associate Cloud Engineer (GCP-ACE) exam.

The Google Associate Cloud Engineer certification is mainly targeted to the candidates who want to build their career in Cloud domain and demonstrate their expertise. The key aspects of the course includes:

- Setting up a cloud solution environment
- Planning and configuring a cloud solution
- Deploying and implementing a cloud solution
- Ensuring successful operation of a cloud solution
- Configuring access and security

Assessment procedures year-wise :

Exam Name	Google Associate Cloud Engineer
Exam Code	GCP-ACE
Duration	120 minutes
Number of Questions	50
Passing Score	Pass / Fail (Approx 70%)
Recommended Training / Books	Google Cloud training Google Cloud documentation Google Cloud solutions
Schedule Exam	PEARSON VUE
Sample Questions	Google GCP-ACE Sample Questions
Recommended Practice	**Google Cloud Platform - Associate Cloud Engineer (GCP-ACE) Practice Test**

Summary Report

An Associate Cloud Engineer deploys and secures applications and infrastructure, monitors operations of multiple projects, and maintains enterprise solutions to ensure that they meet target performance metrics. Upon completing the course students were able to use Google Cloud Console and the command-line interface to perform common platform-based tasks to maintain

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and scale one or more deployed solutions that leverage Google-managed or self-managed services on Google Cloud.

ADDON COURSE 13

Name of the program : ADDON COURSE - VIDEO SIGNAL GENERATION USING MICROCONTROLLERS

Duration : 30 hrs

List of students enrolled (with signature of students)

S7 ECE INTERNSHIP TRAINING PROGRAMME
CONTROLLER BASED VGA S
SIGNATURE SHEET

ROLL NO	NAME	05-09-2019		06-09-2019		07-09-2019		08-09-2019		09-09-2019	
		F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N
1	AJNA JAMES										
2	ALEENA JOLLY										
3	AMINA SEYYADALI S										
4	ANCY ROSE R L										
5	APARNA S NAIR										
6	ASHNA N S										
7	ASWIN V A			ABSENT	ABSENT						
8	DEVIKA THAMPI P R										
9	DEVU KRISHNA S B										
10	GOLIVVI SHANKER A V										
11	HARI S										
12	NAYANA TREESA MICHAEL										
13	RESHMA S N										
14	SANSHIYA SOBI										
15	SIDDHARTH S R										
16	SUJITH X T										
17	VISHNU RAJ C L										
18	ABHILASH B S			ABSENT							
19	BIMAL SABU										
20	ARYA I S										

Curriculum

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Video Signal generation using Microcontrollers

The programme was inaugurated by Er. Maheen Raheed, alumnus of LMCST, currently working in Mediatronics Ltd, in the presence of LMCST Managing Director Fr(Dr). Sony Mundunadackal, Fr. Axies Edichethra and Principal Dr. P P Mohanlal on Aug 5th 2019.

A television (TV) monitor is a good example of a device which needs hard real time control. The TV is controlled by periodic synchronization (sync) pulses. If a sync pulse is late, the TV picture quality suffers. So a late calculation is worth nothing. An 8 bit microcontroller is very limited in memory and speed. But they are fast enough to generate sync and image content, as long as attention is paid to the time required for every operation. Similarly the VGA computer monitor could also be interfaced using an 8 bit microcontroller to generate monochromatic or colour image content. The five days course covers the following topics.

- Basics of PAL video signal
- Theoretical understanding of PAL video signal generation using microcontrollers
- Hands-on experience generating sync and image content from scratch for PAL TV
- Hands-on experience using TVOut Arduino library
- Basics of VGA signal
- Theoretical understanding of VGA signal generation using microcontrollers
- Hands-on experience generating sync and image content from scratch for VGA monitor
- Hands-on experience using VGAX Arduino library

Programme Coordinator

(HOD)

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Video and Graphics Technology

- General understanding of PAL Video signals
- Theory behind PAL video signal generation using microcontrollers
- Hands-on experience generating sync and image content from scratch for PAL TV
- Hands-on experience using TVOut Arduino library
- General understanding of VGA signals
- Theory behind VGA signal generation using microcontrollers
- Hands-on experience generating sync and image content from scratch for VGA monitor
- Hands-on experience using VGAX Arduino library

Real Time Control of CPU Operations

- Polling based real time CPU operations
- Interrupt based real time CPU operations
- Bit banging operations
- Using Program Memory to counter limited RAM
- Various techniques to time the real time operations
- Different algorithms for real time graphics
- Creating fonts and storing in program memory for real time operations
- Converting computer images for 8bit microcontroller operations

Applications

- On Screen Display (OSD) Menu
- Video Games
- Video overlay in Drone ,CCTV surveillance monitors
- Data Acquisition Display units

Assessment procedures year-wise :

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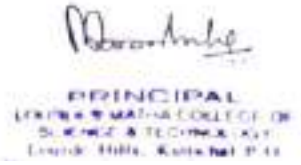
- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

The 5 day course covered the following aspects:

- Basics of PAL video signal.
- Theoretical understanding of PAL video signal generation using microcontrollers.
- Hands on experience generating sync and image content from scratch for PAL TV
- Hands on experience using TV Out Arduino library
- Basics of VGA signal.
- Theoretical understanding of VGA signal generation using microcontrollers.
- Hands-on experience generating sync and image content from scratch for VGA monitors.
- Hands on experience using VGAX Arduino library

ADDON COURSE 14
Name of the program : ADDON COURSE - SOFT SKILLS
Duration : 30 hrs
List of students enrolled (with signature of students)



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
SCHEDULE FOR GENERAL TRAINING
CAREER GUIDANCE AND PLACEMENT CELL
SHARP SKILLS AND SIX PHRASE
23rd - 26th JULY 2019

SL NO	BRANCH	NAME	23-07-2019		24-07-2019		25-07-2019		26-07-2019	
1	ECE	AJNA JAMES								
2	ECE	ALEENA JOLLY								
3	ECE	AMINA SEYYADALI S								
4	ECE	ANCY ROSE R L								
5	ECE	APARNA S NAIR								
6	ECE	ARYA I S								
7	ECE	ASHNA N S								
8	ECE	ASWIN V A								
9	ECE	BIMAL SABU								
10	ECE	DEVIKA THAMPI P R								
11	ECE	DEVU KRISHNA S B								
12	ECE	GOLIWRI SHANKER A V								
13	ECE	HARI S								
14	ECE	NAYANA TRESSA MICHAEL								
15	ECE	RESHMA S N								
16	ECE	SANSHIYA SOBI								
17	ECE	SIDDHARTH S R								
18	ECE	SWITH X T								
19	ECE	ABHILASH BS								

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LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
H & R BLOCK SPECIFIC TRAINING
CAREER GUIDANCE AND PLACEMENT CELL
24th SEP - 28th SEP 2019

SL NO	BRANCH	NAME	24-09-2019		25-09-2019		26-09-2019		27-09-2019		28-09-2019	
1	ECE	ALINA JAMES										
2	ECE	ALEENA JOLLY										
3	ECE	AMINA SEYYADALI S										
4	ECE	ATHARNA S NAIR										
5	ECE	DEVU KRISHNA S R										
6	ECE	HARIS										
7	ECE	NAYANA TRESA MICHAEL										
8	ECE	RESHMA S N										

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Lourde Hills, Kuttichal P.O.

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

S8 B TECH PLACEMENT TRAINING

LOMAA HALL- JANUARY 2019

SIX PHRASE & FACE

NAME	11-01-2019		12-01-2019		13-01-2019		14-01-2019	
ARCHA BP								
KEERTHI KRISHNAN S								
VISHALINI ML								
SURYA BS								
SNEHA MN								
ASWATHY S								
BHAGYA SURESH LS								
JIJI STEPHEN								
MEENU L								
GAURI VA								
ANJANA BL								
ASWIN S								
INDRAJITH S NAIR								
NIKHIL PS								
AKASH J								
AMAL SK								
ARUN VIJAY								
ADARSH R NAIR								
SHILPA SS								
TONY ANTONY KATTADY								

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Curriculum

1. SIX PHRASE – COIMBATORE

A training program for 2015-19 batch (final year students) were arranged from Jan 11th to 14th 2019. The trainers were Yathish U , Arun V, Vishnu and Jopal. The topics covered were

- Synonym and Antonyms
- Error Spotting
- Verbal and Non-Verbal
- Coding and decoding
- Blood relation
- Direction
- GD
- Mock Interview etc

2. FACE

A training program for 2015-19 batch (final year students) were arranged from Jan 11th to 14th 2019. The trainers were Kiruthika Mohan and Shabbir. The topics covered were

- Data Arrangement
- Comprehension
- Synonym and Antonyms
- Error Spotting
- Verbal and Non-Verbal
- Coding and decoding
- Blood relation
- Direction

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- GD
- Mock Interview etc

3. LMCST (IN HOUSE TRAINING)

A 4-day training program from July 15th to July 19th was organized by the computer science department of LMCST for improving the programming skills for 2016-20 batch (final year students).

4. SHARP SKILLS — \9

A general aptitude training has been arranged from 23rd to 26th July 2019 for 2016- 20 batch students. The topics covered were

- Verbal and Non-Verbal
- Coding and decoding
- Blood relation
- Direction
- GD
- Mock Interview etc

5. SIX PHRASE

A training program for 2016-20 batch (final year students) were arranged from July 23rd to 26th 2019. The topics covered were

- Synonym and Antonyms
- Error Spotting
- Verbal and Non-Verbal
- Coding and decoding
- Blood relation
- Direction
- GD
- Mock Interview etc

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Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

This addon course was offered to the students by the Career Guidance and Placement Cell of LMCST to assess their soft skills, cognitive ability and to help them prepare for competitive examinations and placements .

ADDON COURSE 15
Name of the program : ADDON COURSE - PHP, MYSQL
Duration : 30 hrs
List of students enrolled (with signature of students)

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Spoken Tutorial:August-DeCember 2019
CSE -2018-2022 Batch
Program: PHP,Mysql

Sl No:	Name	Email
1	ABHJITH M S	jithu001x@gmail.com
2	AKHIL A G	akhilgregorynanzianzen@gmail.com
3	AKHILNATH P S	akhilnathps94@gmail.com
4	AKSHAY KRISHNAN R	akshaykrishnan3545@gmail.com
5	AKSHYANATH A	karthiknathv@gmail.com
6	ALLY S NAIR	allysnair98@gmail.com
7	ANOOP S ANIL	anoopsanil2016@gmail.com
8	BIBIN MATHEW THOMAS	bibinbinita@outlook.com
9	DANY THOMAS	thomasdany428@gmail.com
10	JIBITHA ROSE B	jibitharose@gmail.com
11	JITHEESH KRISHNAN	jitheesh321@gmail.com
12	JITHU JOSE MATHEW	jithujosemathew@gmail.com
13	KEVIN THOMAS	kvnthms5@gmail.com
14	MIDHUN MOHAN M	midhunmohanm145@gmail.com
15	MOHAMMAD SAJAAD	sachusajaad@gmail.com
16	NANDHANA SHANKAR	nandhanashankar007@gmail.com
17	NEERAJA KASTHURI J N	neerajakasthuri@gmail.com
18	PRIYADARSINI J	darsinijp26@gmail.com
19	RAHUL KUMAR R	rahulannabhai7@gmail.com
20	ROHAN THOMAS REJI	rohanreji123@gmail.com
21	ROHIT TOJO	rohittojo@gmail.com
22	SANGEETH C S	sangeethcs62@gmail.com
23	SHIJIN THANKACHAN	sherlythankachan3361@gmail.com
24	SHIVASHANKAR R P	shivashankar1798@gmail.com
25	SURYA W S	suryawilliam321@gmail.com
26	SWATHY R SURESH	swathyrsuresh@gmail.com
27	TIJU THOMAS	tijuthomas812@gmail.com
28	VIJIKUMARI V C	vijeshkuma12@gmail.com
29	VISHNU PRIYA J R	vishnupriya.vichu369@gmail.com

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Curriculum

Introduction to PHP & MySQL

PHP or "PHP: Hypertext Preprocessor" is a widely-used Open Source general-purpose scripting language that is especially suited for Web development and can be embedded into HTML. Its syntax draws upon C, Java, and Perl, and is easy to learn. The main goal of the language is to allow web developers to write dynamically generated web pages quickly, but you can do much more with PHP.

MySQL is a RDBMS (Relational database management system). We use such a system in order to store, retrieve and manage data related to our applications. Apache is an Open Source web server in wide usage. A web-server is required to host a web-application (webpage) on a remote server and is responsible for processing the request from the client, who wants to access the application (or webpage).

Learners: UG/PG CSE/IT/CS students.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

Summary Report

This training course included in-depth understanding of PHP and MySQL in order to create websites and apps that match the exacting standards of today's business enterprises. Students learned advanced PHP concepts and MySQL databases.
PHP is a very versatile web development language that is used to build dynamic web pages by deploying server-side scripting. It offers multiple benefits like advanced features and easy to use and open source nature. MySQL is a database solution that is extremely powerful, secure and scalable making it ideal for use with sophisticated websites.

ADDON COURSE 16
Name of the program : ADDON COURSE -PYTHON
Duration : 30 hrs
List of students enrolled (with signature of students)

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LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

Spoken Tutorial August-December 2019
2016-2020 CSE Batch
Program: Python

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Curriculum

Upon successfully completing this course, students will be able to "do something useful with Python".

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

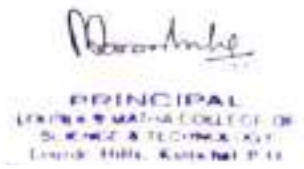
The following topics were discussed.

- Introduction
- Functions, Booleans and Modules
- Sequences, Iteration and String Formatting
- Dictionaries, Sets, and Files
- Exceptions, Testing, Comprehensions
- Advanced Argument Passing, Lambda -- functions as objects
- Object Oriented Programming
- More OO -- Properties, Special methods
- Iterators, Iterables, and Generators
- Decorators, Context Managers, Regular Expressions, and Wrap Up

https://spoken-tutorial.org/media/videos/89/Python-3.4.3-Brochure-English.pdf

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.



- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

The add-on course focuses on Python data structures, and works with string, list, and range sequences. It helps to discover the power of list iteration, and learn about string and list methods, the details on file input and output—open files, read them, add to them, close them, and more. At the end of the course, students were able to slice strings into substrings, create lists, iterate through them, import files, and use file append mode, along with a lot of other practical Python tasks, as they started coding.

ADDON COURSE 17
Name of the program : ADDON COURSE -LINUX
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL

Spoken Tutorial August-DeCember 2019
CSE -2019-2023Batch
Program: Linux

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Curriculum

Introduction to Linux

Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

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Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

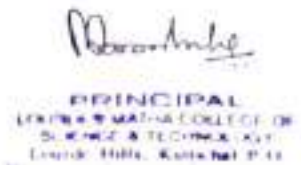
The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

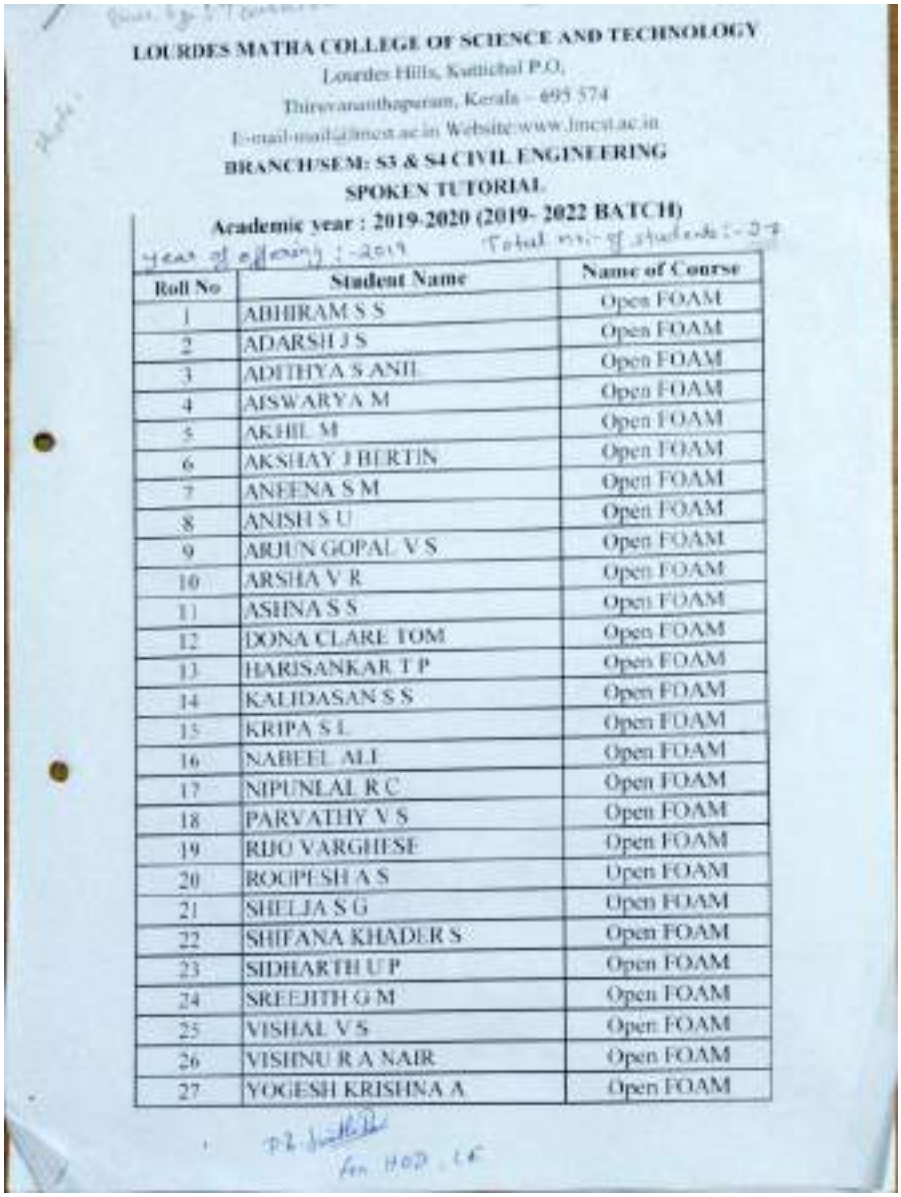


Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

ADDON COURSE 18
Name of the program : ADDON COURSE -OPENFOAM
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
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E-mail:mail@lmcst.ac.in Website:www.lmcst.ac.in
BRANCH/SEM: S3 & S4 CIVIL ENGINEERING
SPOKEN TUTORIAL
Academic year : 2019-2020 (2019- 2022 BATCH)

Roll No	Student Name	Name of Course
1	ABHIRAM S S	Open FOAM
2	ADARSH J S	Open FOAM
3	ADITHYA S ANIL	Open FOAM
4	AISWARYA M	Open FOAM
5	AKHIL M	Open FOAM
6	AKSHAY J BERTIN	Open FOAM
7	ANEENA S M	Open FOAM
8	ANISH S U	Open FOAM
9	ARJUN GOPAL V S	Open FOAM
10	ARSHA V R	Open FOAM
11	ASHNA S S	Open FOAM
12	DONA CLARE TOM	Open FOAM
13	HARISANKAR T P	Open FOAM
14	KALIDASAN S S	Open FOAM
15	KRIPA S L	Open FOAM
16	NABEEL ALI	Open FOAM
17	NIPUNLAL R C	Open FOAM
18	PARVATHY V S	Open FOAM
19	RIJO VARGHESE	Open FOAM
20	ROOPESH A S	Open FOAM
21	SHELJA S G	Open FOAM
22	SHIFANA KHADER S	Open FOAM
23	SIDHARTH U P	Open FOAM
24	SREEJITH G M	Open FOAM
25	VISHAL V S	Open FOAM
26	VISHNU R A NAIR	Open FOAM
27	YOGESH KRISHNA A	Open FOAM

Curriculum

OpenFOAM is a C++ toolbox for the development of customized numerical solvers, and pre-/post-processing utilities for the solution of continuum mechanics problems, most prominently including computational fluid dynamics (CFD).

PRINCIPAL

OpenFOAM is the leading free, open source software for computational fluid dynamics (CFD), owned by the OpenFOAM Foundation and distributed exclusively under the General Public Licence (GPL). The GPL gives users the freedom to modify and redistribute the software and a guarantee of continued free use, within the terms of the licence.OpenFOAM has an extensive range of features to solve anything from complex fluid flows involving chemical reactions, turbulence and heat transfer, to acoustics, solid mechanics and electromagnetics.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

This add on course helped the students to:

- Comfortably use free OpenFoam software to solve fluid dynamics problems
- Refresh on background of Computational Fluid Dynamics
- Do step-by-step customisation of geometry and meshing prior to the simulation
- Easily create custom script for fast and efficient post-processing

ADDON COURSE 19
Name of the program : ADDON COURSE -LATEX & XFIG
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

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BRANCH/SEM: S5 & S6 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2019-2020 (2017-2021 BATCH)

Year of admission :- 2017 Total no. of students :- 51

Rollno	Name	Name of Course
1	Abhinami B	Latex+Xfig
2	Adarsh V S	Latex+Xfig
3	Adhithya S D	Latex+Xfig
4	Agan S A	Latex+Xfig
5	Aiswarya BC	Latex+Xfig
6	AJINRAJ J A	Latex+Xfig
7	Akhil Sujith	Latex+Xfig
8	Akshaykrishnan M. S	Latex+Xfig
10	Anakha S Chandran	Latex+Xfig
11	Ananathanunni B. S	Latex+Xfig
12	Anishma A S	Latex+Xfig
13	Anupama M. K	Latex+Xfig
14	Anushma P R	Latex+Xfig
15	Aswathy A S	Latex+Xfig
16	Aswin A S	Latex+Xfig
17	Devadath AG	Latex+Xfig
18	Fathima Razla S S	Latex+Xfig
19	G P Akash	Latex+Xfig
20	Gokul G T	Latex+Xfig
21	GOWRI C S	Latex+Xfig
22	Grace Sophia S	Latex+Xfig
23	Greeshma K	Latex+Xfig
24	Harishankar. M. A	Latex+Xfig
25	Jestin Mathew	Latex+Xfig
26	Jijin Raj	Latex+Xfig
28	Jithin T Abraham	Latex+Xfig
29	Krishna A. R	Latex+Xfig
30	Meenakshi. S	Latex+Xfig
31	Mohammad Anas	Latex+Xfig
32	Nandagopal R	Latex+Xfig
33	Naveen N K	Latex+Xfig
34	Nikhil M J	Latex+Xfig
35	Parvathy V A	Latex+Xfig

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kattichal P.O

Curriculum

This add-on course is offered by By Prof Kannan Moudgalya of Indian Institute of Technology Bombay as part of the spoken tutorial program. The various modules of this course are:

- LaTeX on windows using TeXwork
- Compiling
- Letter and Report writing
- Mathematical Typesetting
- Beamer
- Simple Block diagram
- Feedback control diagram
- Feedback diagram with maths

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

SUMMARY

This add-on course was offered by By Prof. Kannan Moudgalya of Indian Institute of Technology Bombay as part of the spoken tutorial program. LaTeX is a high-quality typesetting system. This course taught students about the features designed for the production of technical and scientific documentation. In this course students also learned to use XFig, the diagram component of LaTeX.

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ADDON COURSE 20

Name of the program : ADDON COURSE - BLENDER

Duration : 30 hrs

List of students enrolled (with signature of students)

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kunnichal P.O,

Thiruvananthapuram, Kerala – 695 574

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

BRANCH/SEM: S7 & S8 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2019-2020 (2016-2020 BATCH)

year of allotment : - 2019 Total no:- of students :- 52

Sl. no No	Student Name	Name of Course
1	ADITYA SABU	Blender
2	AISWARYA A S	Blender
3	AJANYA R S	Blender
4	AKASH ASOK	Blender
5	AKHILA NAVAS	Blender
6	AKHIL K RAJ	Blender
7	AKHIL KRISHNA K S	Blender
8	AKSHARA P S	Blender
9	AKSHAYA V R	Blender
10	AKSHAYA V R	Blender
11	AMAL SHA M B	Blender
12	AMEENA K S	Blender
13	ANANDHAN T N	Blender
14	ANCHU ANIL	Blender
15	ANGEL M S	Blender
16	ANISHA THOMAS T A	Blender
17	ANJANA ANIL	Blender
18	ANJITHA S ANIL	Blender
19	ANJITH V B	Blender
20	ANOOP B VIJAY	Blender
21	APARNA S I	Blender
22	ARATHY M S	Blender

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Lourde Hills, Kunnichal P.O

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24	ARYA ASHOK A R	Blender
25	ASHIK S J	Blender
26	ASWATHY A J	Blender
27	BABITHA R B	Blender
28	BEJOY J M	Blender
29	BHAGATH B S	Blender
30	BINSA S B	Blender
31	DEVU ANIL	Blender
32	GOPIKA BABU B P	Blender
33	GREESHMA RAJ J R	Blender
34	JITHIN JAYARAJ	Blender
35	JOFFY JAMES	Blender
36	LIJO G C	Blender
37	MIDHUNA B S	Blender
38	NAYANA KRISHNAN	Blender
39	NINY SAM	Blender
40	NIRMAL S	Blender
41	PARVATHY M M	Blender
42	REMYA M	Blender
43	RESHMA CHANDRAN B	Blender
44	RESHMA S	Blender
45	SALU R	Blender
46	SHAFINA KHADER S	Blender
47	SOBIN SCARIA	Blender
48	SUBIN SUDHAKAR V S	Blender
49	VARSHA V J	Blender
50	VISWAJITH M K	Blender
51	VYSAKH S J	Blender
52	JHANSI S R BALAKRISHNAN	Blender

P. Lathabai
for HOD, CE

PRINCIPAL

Curriculum

Blender is a free open source 3D graphics application, available under the GNU General Public License for the Linux, Mac OS X, FreeBSD, OpenBSD and Microsoft Windows operating systems.

This course uses open-source 3D animation tool Blender, to create a sustainable solution for animation skill development. The course has 4 weeks of content, which cover the basics of modelling, texturing, and lighting.

The course comprises slow paced video tutorials, quizzes, activities, and hands-on assignments. During the course learners will create 3D models of simple objects. The course uses video tutorials to explain the concepts and the software process required to create these objects. Course tutorials enable the learners to apply these concepts and create similar/new objects.

This course focuses only on modeling of non-organic objects (not covering character modeling).

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

PRINCIPAL

Summary Report

Blender is a free open source 3D graphics application, available under the GNU General Public License for the Linux, Mac OS X, FreeBSD, OpenBSD and Microsoft Windows operating systems. The students who completed this course understood the following features:

- 3D modeling
- UV unwrapping
- Texturing, rigging, water and smoke simulations
- Skinning, animating, rendering, particle and other simulations
- Creating interactive 3D applications, video games, animated films, or visual effects.

ADDON COURSE 21
Name of the program : ADDON COURSE - C AND CPP
Duration : 30 hrs
List of students enrolled (with signature of students)

Name	Email	Gender	
ABHIRAMI B	abhi.binu.1@gmail.com	Female	
ADARSH V S	adarshvs180599@gail.com	Male	
ADHITHYA S D	aithyas121@gmail.com	Male	
AGAN S A	agansachu@gmal.com	Female	
AISWARYA B C	aiswaryachandraabu18@gmail.com	Female	
AJINRAJ J A	laluajinraj4746@gmail.com	Male	

PRINCIPAL

AKHIL SUJITH	akiltrinity@gmail.com	Male	
AKSHAY KRISHNAN M S	ashayvichu07@gmail.com	Male	
ALFIN M S	alfins@gmail.com	Male	
ANAKHA S CHANDRAN	anakhas017@gmail.com	Female	
ANANTHANUNNI S B	ananhu361@gmail.com	Male	
ANISHMA A S	anishmaanlkumar.7@gmail.com	Female	
ANUPAMA M K	anoopmk0@gmail.com	Female	
ANUSHMA P R	anushmar@gmail.com	Female	
ASWATHY A S	aswathyhachancode@gmail.com	Female	
ASWIN A S	aswin022@gmail.com	Male	
DEVADATH A G	devadatha@gmail.com	Male	
FATHIMA RAZLA S S	fathimaazla36@gmail.com	Female	
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GOKUL G T	gtgokul22@gmail.com	Male	
GOWRI C S	gowrichandra1499@gmai.com	Female	
GREESHMA K	greeshk33@gmail.com	Female	

PRINCIPAL

HARISHANKAR M A	harishankarches@gmail.com	Male	
JESTIN MATHEW	jestin033@gmail.com	Male	
JIJIN RAJ	jijinraj666@gmail.com	Male	
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KRISHNA A R	krishna9anil@gmail.com	Female	
MEENAKSHI S	meenakshisreja@gmail.com	Female	
MOHAMMED ANES	mohammedaes@gmail.com	Male	
NANDAGOPAL R	nandagopa.r1999@gmail.com	Male	
NAVEEN N K	naveennk74@gmail.com	Male	
NIKHIL M J	sachurevath30@gmail.com	Male	
PARVATHY V A	parvathyvascars@gmail.com	Female	
R SREE LEKSHMY	lekshmyrasla@gmail.com	Female	
RAHUL NAIR	ahuln47cod@gmail.com	Male	
RAHUL R	rahulr0904199@gmail.com	Male	
RAMANATH A R	ramanathramu.5@gmail.com	Male	

PRINCIPAL

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RENJITH B J	rnjithbj@gmail.com	Male	
S AARABHI	aarabhisok12@gmail.com	Female	
SABAREESH A S	sabareeh.99@gmail.com	Male	
SANGEETHA S S	sangeethasurendra87@gmail.com	Female	
SHINCY B S	shicybs1999@gmail.com	Female	
SONA NAVAS	navasbashee1@gmail.com	Female	
SRAVYA RAMAN	sravyarama23399@gmail.com	Female	
SRUTHI A S	sruthisuresh21@gmail.com	Female	
SUNITH V S	sunith12vs@gmail.com	Male	
TRISHNA S SURESH	trishnathihu77@gmail.com	Female	
VANIRAJ MITRA L	vrmitrathumband@gmail.com	Female	
VISHNU A	vichuashok11@gmail.com	Male	
AJIL SATHYAN	ajilsathyan1998@gmail.com	Male	
ANJANA P NAIR	anjanapnair99@gmail.com	Female	
LEKSHMI R R	gangankkm@gmail.com	Female	

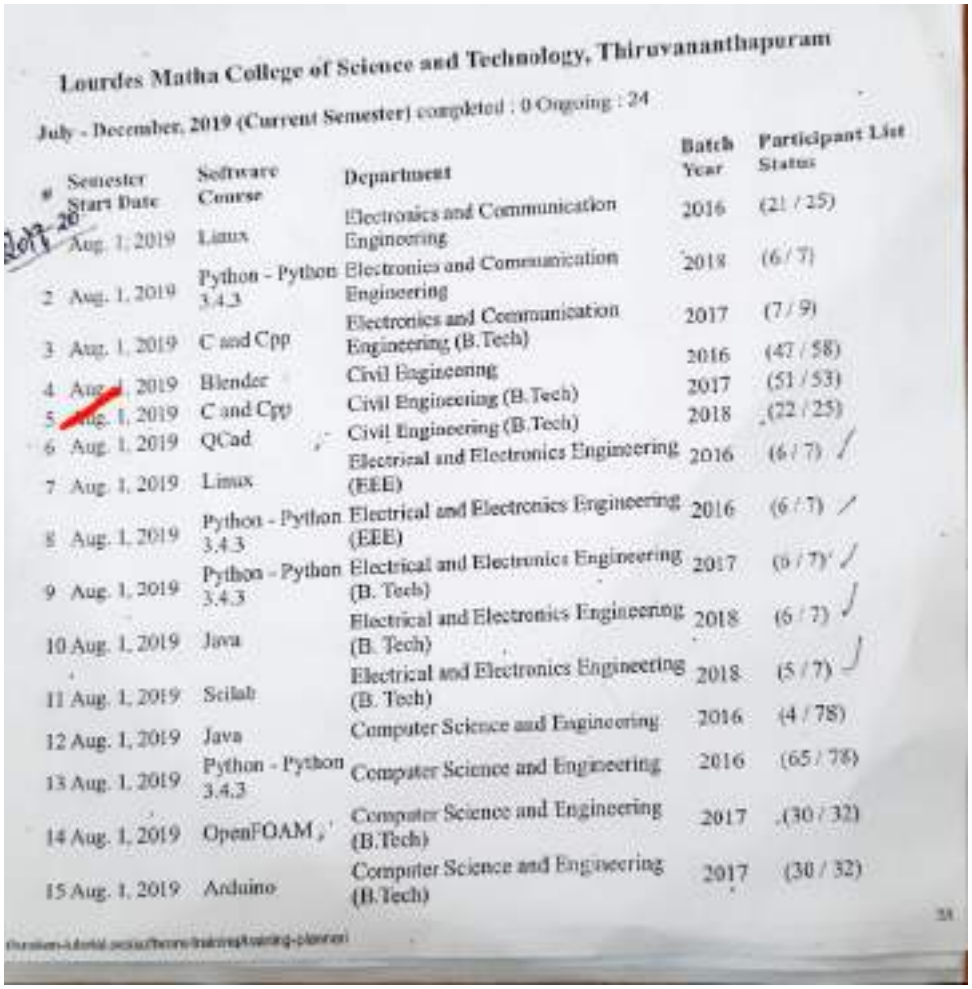
PRINCIPAL

PARVATHY SURESH	surasangeetha@gmail.com	Female	
SANTO K STEPHEN	santokstephen1999@gmail.com	Male	
SHIBINA SHAJAHAN	ssshibina98@gmail.com	Female	
SREELAL C J	cjsreekichulal@gmail.com	Male	
ABHIJITH S	abhijithslovedale@gmail.com	Male	
ADARSH S KUMAR	adarshskumar25@gmail.com	Male	
AKASH STEEPHEN	akashsteephen2000@gmail.com	Male	
ANAND BABU S M	anandbabuanandbabu1703@gmail.com	Male	
ANOOP BHASI.S	anoopbhasi20@gmail.com	Male	
ARSHIK SANAL S	arshiksanal789@gmail.com	Male	
BIJOY BS	bijoyb774@gmail.com	Male	
BHARATH NARAYAN P	bharathnarayan002@gmail.com	Male	
BINIL WILLIAM S	biniljithu1739@gmail.com	Male	
H.R.SABARI KRISHNAN	sabarikrishnan32@gmail.com	Male	
JERIN S JOLLY	rrijin2002@gmail.com	Male	
NANDANA S KUMAR	nandanaskumar13102000@gmail.com	Female	

PRINCIPAL

SANKALP S KUMAR	lesanks007@gmail.com	Male	
ABHILASH V R	abhikumarrevathy@gmail.com	Male	Download Certificate
ARYA S BAIJU	aryasbaiju99@gmail.com	Female	Download Certificate
JOSEMON S S	josemonss2017@gmail.com	Male	Download Certificate
MEGHA P	meghafagi2001@gmail.com	Female	Download Certificate
SAJAN S	sajan33399@gmail.com	Male	Download Certificate
VIPIN M K	vipinmk233@gmail.com	Male	Download Certificate

PRINCIPAL



Lourdes Matha College of Science and Technology, Thiruvananthapuram

July - December, 2019 (Current Semester) completed : 0 Ongoing : 24

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
1	Aug. 1, 2019	Linux	Electronics and Communication Engineering	2016	(21 / 25)
2	Aug. 1, 2019	Python - Python 3.4.3	Electronics and Communication Engineering	2018	(6 / 7)
3	Aug. 1, 2019	C and Cpp	Electronics and Communication Engineering (B.Tech)	2017	(7 / 9)
4	Aug. 1, 2019	Blender	Civil Engineering	2016	(47 / 58)
5	Aug. 1, 2019	C and Cpp	Civil Engineering (B.Tech)	2017	(51 / 53)
6	Aug. 1, 2019	QCad	Civil Engineering (B.Tech)	2018	(22 / 25)
7	Aug. 1, 2019	Linux	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
8	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
9	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (B. Tech)	2017	(6 / 7)
10	Aug. 1, 2019	Java	Electrical and Electronics Engineering (B. Tech)	2018	(6 / 7)
11	Aug. 1, 2019	Scilab	Electrical and Electronics Engineering (B. Tech)	2018	(5 / 7)
12	Aug. 1, 2019	Java	Computer Science and Engineering	2016	(4 / 78)
13	Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2016	(65 / 78)
14	Aug. 1, 2019	OpenFOAM	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
15	Aug. 1, 2019	Arduino	Computer Science and Engineering (B.Tech)	2017	(30 / 32)

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LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

Semester Training Planner Summary | spoken-tutorial.org

1	Jan. 28, 2019	PERL	Electrical and Electronics Engineering (EEE)	24	| Participant List | Participation certificates available |
2	Jan. 28, 2019	PHP and MySQL	Electrical and Electronics Engineering (EEE)	6	| Participant List | Participation certificates available |
13	Jan. 28, 2019	Python	Electronics and Communication Engineering	20	| Participant List | Participation certificates available |
14	Jan. 28, 2019	PHP and MySQL	Electronics and Communication Engineering	21	| Participant List | Participation certificates available |
15	Jan. 28, 2019	C and Cpp	Electronics and Communication Engineering	6	| Participant List | Participation certificates available |
16	Jan. 28, 2019	Python	Mechanical Engineering	89	| Participant List | Participation certificates available |
17	Jan. 28, 2019	PHP and MySQL	Mechanical Engineering	60	| Participant List | Participation certificates available |
18	Jan. 28, 2019	Java	Mechanical Engineering (B.Tech)	38	| Participant List | Participation certificates available |
19	Jan. 28, 2019	Python	Mechanical Engineering (B.Tech)	13	| Participant List | Participation certificates available |
20	Jan. 28, 2019	C and Cpp	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |
21	Jan. 28, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

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LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
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Semester Training Planner Summary | spoken-tutorial.org

16 Aug. 1, 2019	PHP and MySQL	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
17 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2018	(29 / 29)
18 Aug. 1, 2019	OpenFOAM	Mechanical Engineering	2016	(53 / 65)
19 Aug. 1, 2019	LibreOffice Suite Base	Mechanical Engineering (B.Tech)	2017	(38 / 40)
20 Aug. 1, 2019	C and Cpp	Mechanical Engineering (B.Tech)	2018	(13 / 14)
21 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2015	(1 / 61)
22 Aug. 12, 2019	Linux	Computer Science and Engineering (B.Tech)	2019	(61 / 61)
23 Aug. 1, 2019	Linux	Electronics and Communication Engineering (B.Tech)	2019	(16 / 16)
24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

January - June, 2020 (Next Semester) Planned : 0

Training planner is empty

January - June, 2019 Total : 21

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	Jan. 28, 2019	C and Cpp	Computer Science and Engineering	29	| Participant List | Participation certificates available |
2	Jan. 28, 2019	Java	Computer Science and Engineering (B.Tech)	30	| Participant List | Participation certificates available |
3	Jan. 28, 2019	PHP and MySQL	Computer Science and Engineering	66	| Participant List | Participation certificates available |
4	Jan. 28, 2019	Python	Computer Science and Engineering	60	| Participant List | Participation certificates available |
5	Jan. 29, 2019	Java	Electronics and Communication Engineering (B.Tech)	7	| Participant List | Participation certificates available |
6	Jan. 29, 2019	Python	Civil Engineering	49	| Participant List | Participation certificates available |
7	Jan. 28, 2019	PHP and MySQL	Civil Engineering	54	| Participant List | Participation certificates available |
8	Jan. 28, 2019	Java	Civil Engineering (B.Tech)	51	| Participant List | Participation certificates available |
9	Jan. 28, 2019	C and Cpp	Civil Engineering (B.Tech)	22	| Participant List | Participation certificates available |
10	Jan. 28, 2019	Java	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

spoken-tutorial.org/software-training/training-planner/

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourdes Hills, Kottathal P.O.

Curriculum

Introduction to C and C++

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

An Operating System(OS) is a software(collection of programs) that controls the various functions of a computer. Also it makes other programs on your computer work.

For example, you cannot work with a word processor program, such as Microsoft Word, if there is no operating system installed on your computer.Windows, Unix, Linux, Solaris, and MacOS are some of the popular operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

C++ is a programming language developed by Bjarne Stroustrup starting in 1979 at Bell Labs. C++ is a statically typed, free-form, multi-paradigm, compiled, general-purpose, powerful programming language. C++ is an object oriented language. It supports features like classes and objects, Polymorphism, Encapsulation, Inheritance etc. C++ is also used for hardware design.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

PRINCIPAL

Summary

C++ is the feature of object-oriented programming which includes concepts like classes, inheritance, polymorphism, data abstraction and encapsulation that allow code reusability and makes a program even more reliable.

This course introduced students to C++ programming language, a dominant language in the industry today. Students were taught the fundamentals of programming. Topics covered include basic principles of programming using C++, algorithmic and procedural problem solving, program design and development, basic data types, control structures, functions, arrays, pointers, and introduction to classes for programmer-defined data types.

ADDON COURSE 22
Name of the program : ADDON COURSE - QCAD
Duration : 30 hrs
List of students enrolled (with signature of students)

Name	Email	Gender
ABHIRAM S S	abhiramssnair@gmail.com	Male
ADARSH J S	achoose234@gmail.com	Male
ADITHYA S ANIL	anjitha98sanil@gmail.com	Female
AKHIL M	akhilmsnair1999@gmail.com	Male
AKSHAY J BERTIN	akshayjbertin@gmail.com	Male

ANEENA S M	aneena231999@gmail.com	Female
ANISH S U	anishsu2000@gmail.com	Male
ARJUN GOPAL V S	arjunsunitha2018@gmail.com	Male
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ASHNA S S	ashnass2000@gmail.com	Female
DONA CLARE TOM	dct3008@gmail.com	Female
KALIDASAN S S	kaliss100@gmail.com	Male
KRIPA S L	kripasl37@gmail.com	Female
NABEEL ALI	nabzanabeel@gmail.com	Male
NIPUNLAL R C	nipunlal5@gmail.com	Male
PARVATHY V S	krishnaparvathy12@gmail.com	Female
RIJO VARGHESE	rijovarghese2015@gmail.com	Male
ROOPESH A S	anilroopesh4444@gmail.com	Male
SHELJA S G	sheljasglory@gmail.com	Female
SIDHARTH U P	sidharthuday777@gmail.com	Male
SREEJITH G M	sreejithgm1999@gmail.com	Male

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VISHAL V S	vishalvsmidhila@gmail.com	Male

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LOURDES MATHA
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Managed by Archdiocese of Changanacherry

Semester Training Planner Summary [redacted]

ST - 2019-20

ST

- Select Jul-Dec for 1st, 3rd, 5th, 7th semesters

*In case your semester begins **mid-June** onwards, please choose July-Dec semester and select 1 July as Semester Start Date.*

Current Semester: July - December, 2019 Next Semester: January - June, 2020

You are on the STPS page.
Complete the 3 steps in sequence and follow all the instructions.
The **Click here** will give a detailed instruction sheet for the particular step:

1. For **Master Batch**: Click Here.
2. For **STPF**: Click Here.
3. For **Participants List**: Click Here.
4. Proceed with **Test** after **30 days** of Semester Start Date.

Please download a copy of tutorials on all the machines. For instructions to download tutorials Click Here.
Please check if your machine is ready. For the Machine Readiness document Click Here.

Lourdes Matha College of Science and Technology, Thiruvananthapuram

July - December, 2019 (Current Semester) completed : 0 Ongoing : 24

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
1	Aug. 1, 2019	Linux	Electronics and Communication Engineering	2016	(21 / 25)
2	Aug. 1, 2019	Python - Python 3.4.3	Electronics and Communication Engineering	2018	(6 / 7)
3	Aug. 1, 2019	C and Cpp	Electronics and Communication Engineering (B.Tech)	2017	(7 / 9)
4	Aug. 1, 2019	Blender	Civil Engineering	2016	(47 / 58)
5	Aug. 1, 2019	C and Cpp	Civil Engineering (B.Tech)	2017	(51 / 53)
6	Aug. 1, 2019	QCad	Civil Engineering (B.Tech)	2018	(22 / 25)
7	Aug. 1, 2019	Linux	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
8	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
9	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (B. Tech)	2017	(6 / 7)
10	Aug. 1, 2019	Java	Electrical and Electronics Engineering (B. Tech)	2018	(6 / 7)
11	Aug. 1, 2019	Scilab	Electrical and Electronics Engineering (B. Tech)	2018	(5 / 7)
12	Aug. 1, 2019	Java	Computer Science and Engineering	2016	(4 / 78)
13	Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2016	(65 / 78)
14	Aug. 1, 2019	OpenFOAM	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
15	Aug. 1, 2019	Arduino	Computer Science and Engineering (B.Tech)	2017	(30 / 32)

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.

Curriculum

QCAD is an application for computer aided drafting in two dimensions (2d). It is a simple 2D CAD system for everyone. QCAD works on Windows, Mac OS X and many Linux and Unix Systems. The source code of the QCAD community edition is released under the GPL (Open Source).

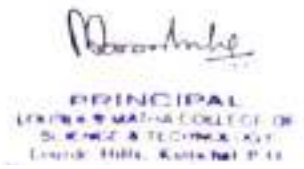
Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

QCAD is a computer-aided design (CAD) software application for 2D design and drafting. This course offered the students an opportunity to create technical drawings such as plans for buildings, interiors or mechanical parts.

ADDON COURSE 23
Name of the program : ADDON COURSE - JAVA
Duration : 30 hrs
List of students enrolled (with signature of students)



LOURDES MATHA
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Enrolled Student	Certificate
ABHIJITH KRISHNA A S	Download Certificate
ABHIJITH MOHAN B	Download Certificate
ABHIJITH S NAIR	Download Certificate
ABHIJITH SS	Download Certificate
AJAY MOHANRAJ	Download Certificate
AKHIL KRISHNA B K	Download Certificate
AKHIL MR	Download Certificate
AKSHAY MATHEW	Download Certificate
AKSHAY M	Download Certificate
AMAL KRISHNA .A	Download Certificate
AMAL MOHAN CJ	Download Certificate
ARAVIND A	Download Certificate
AROMAL L A	Download Certificate
ASHIQ M N	Download Certificate

PRINCIPAL

ASHISH S.D	Download Certificate
CHARLES JOHNY	Download Certificate
DANIMON M	Download Certificate
FAIZAL L	Download Certificate
GANESH SM	Download Certificate
GOKUL HARI H	Download Certificate
Hrithik D Prasad	Download Certificate
JERBIN JEROME	Download Certificate
JOYAL P BINOY	Download Certificate
KEVIN THOMAS MATHEW	Download Certificate
MAHESH VIJAYAN V S	Download Certificate
MIDHUN M	Download Certificate
NITHIN THOMAS	Download Certificate
PRINCE JOSEPH	Download Certificate
RAHUL A S	Download Certificate
ROBIN JIMMICHAN P	Download Certificate

PRINCIPAL

ROSHIN H G	Download Certificate
S Namboodiri	Download Certificate
SANGEETH S S	Download Certificate
SOORAJ S	Download Certificate
VISHNU VIJAYAN B	Download Certificate
VIVEK J RAJ	Download Certificate
VIVEK V NAIR	Download Certificate
IBRAHIM S	Download Certificate
ABHIRAMI B	Download Certificate
ADARSH V S	Download Certificate
ADHITHYA S D	Download Certificate
AGAN S A	Download Certificate
AISWARYA B C	Download Certificate
AJINRAJ J A	Download Certificate

PRINCIPAL

AKHIL SUJITH	Download Certificate
AKSHAY KRISHNAN M S	Download Certificate
ALFIN M S	Download Certificate
ANAKHA S CHANDRAN	Download Certificate
ANANTHANUNNI S B	Download Certificate
ANISHMA A S	Download Certificate
ANUPAMA M K	Download Certificate
ANUSHMA P R	Download Certificate
ASWATHY A S	Download Certificate
ASWIN A S	Download Certificate
DEVADATH A G	Download Certificate
FATHIMA RAZLA S S	Download Certificate

PRINCIPAL

G P AKASH	Download Certificate
GOKUL G T	Download Certificate
GOWRI C S	Download Certificate
GREESHMA K	Download Certificate
HARISHANKAR M A	Download Certificate
JESTIN MATHEW	Download Certificate
JIJIN RAJ	Download Certificate
JISHA G S	Download Certificate
JITHIN T ABRAHAM	Download Certificate
KRISHNA A R	Download Certificate
MEENAKSHI S	Download Certificate
MOHAMMED ANES	Download Certificate

PRINCIPAL

NANDAGOPAL R	Download Certificate
NAVEEN N K	Download Certificate
NIKHIL M J	Download Certificate
PARVATHY V A	Download Certificate
R SREE LEKSHMY	Download Certificate
RAHUL NAIR	Download Certificate
RAHUL R	Download Certificate
RAMANATH A R	Download Certificate
RAVISANKAR J S	Download Certificate
RENJITH B J	Download Certificate
S AARABHI	Download Certificate
SABAREESH A S	Download Certificate

PRINCIPAL

SANGEETHA S S	Download Certificate
SHINCY B S	Download Certificate
SONA NAVAS	Download Certificate
SRAVYA RAMAN	Download Certificate
SRUTHI A S	Download Certificate
SUNITH V S	Download Certificate
TRISHNA S SURESH	Download Certificate
VANIRAJ MITRA L	Download Certificate
VISHNU A	Download Certificate

PRINCIPAL

	Jan. 28, 2019	PERL	Electrical and Electronics Engineering (EEE)	24	| Participant List | Participation certificate available |
12	Jan. 28, 2019	PHP and MySQL	Electrical and Electronics Engineering (EEE)	8	| Participant List | Participation certificate available |
13	Jan. 28, 2019	Python	Electronics and Communication Engineering	29	| Participant List | Participation certificate available |
14	Jan. 28, 2019	PHP and MySQL	Electronics and Communication Engineering	21	| Participant List | Participation certificate available |
15	Jan. 28, 2019	C and Cpp	Electronics and Communication Engineering	6	| Participant List | Participation certificate available |
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17	Jan. 28, 2019	PHP and MySQL	Mechanical Engineering	60	| Participant List | Participation certificate available |
18	Jan. 28, 2019	Java	Mechanical Engineering (B.Tech)	38	| Participant List | Participation certificate available |
19	Jan. 28, 2019	Python	Mechanical Engineering (B.Tech)	15	| Participant List | Participation certificate available |
20	Jan. 28, 2019	C and Cpp	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificate available |
21	Jan. 28, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificate available |

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Church Hills, Kottayam P.O.

16 Aug. 1, 2019	PHP and MySQL	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
17 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2018	(29 / 29)
18 Aug. 1, 2019	OpenFOAM	Mechanical Engineering	2016	(53 / 65)
19 Aug. 1, 2019	LibreOffice Suite Base	Mechanical Engineering (B.Tech)	2017	(38 / 40)
20 Aug. 1, 2019	C and Cpp	Mechanical Engineering (B.Tech)	2018	(13 / 14)
21 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2015	(1 / 61)
22 Aug. 12, 2019	Linux	Computer Science and Engineering (B.Tech)	2019	(61 / 61)
23 Aug. 1, 2019	Linux	Electronics and Communication Engineering (B.Tech)	2019	(16 / 16)
24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

January - June, 2020 (Next Semester) Planned : 0

Training planner is empty

January - June, 2019 Total : 21

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	Jan. 28, 2019	C and Cpp	Computer Science and Engineering	29	| Participant List | Participation certificates available |
2	Jan. 28, 2019	Java	Computer Science and Engineering (B.Tech)	30	| Participant List | Participation certificates available |
3	Jan. 28, 2019	PHP and MySQL	Computer Science and Engineering	66	| Participant List | Participation certificates available |
4	Jan. 28, 2019	Python	Computer Science and Engineering	60	| Participant List | Participation certificates available |
5	Jan. 29, 2019	Java	Electronics and Communication Engineering (B.Tech)	7	| Participant List | Participation certificates available |
6	Jan. 29, 2019	Python	Civil Engineering	49	| Participant List | Participation certificates available |
7	Jan. 28, 2019	PHP and MySQL	Civil Engineering	54	| Participant List | Participation certificates available |
8	Jan. 28, 2019	Java	Civil Engineering (B.Tech)	51	| Participant List | Participation certificates available |
9	Jan. 28, 2019	C and Cpp	Civil Engineering (B.Tech)	22	| Participant List | Participation certificates available |
10	Jan. 28, 2019	Java	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

oken-tutorial.org/software-training/training-planner/

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Kunnil Hills, Kuttichal P.O.

Curriculum

Introduction to Java

Java is a free and open source **high level programming language**. It is simple as well as **object oriented language**. Till date, the Java platform has attracted more than 6.5 million software developers. Java Platform, Standard Edition (Java SE) lets you develop and deploy Java applications on desktops and servers, as well as today's demanding Embedded and Real-Time environments.

From laptops to mobile phones, game consoles to scientific supercomputers, music players to the Internet, Set-top boxes to printers, web-cams to medical devices - that is a huge list, Java is everywhere!!!!!

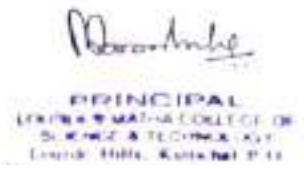
This set of tutorials will cover features and usage of Java version 1.6.x Please see the associated text box of individual spoken tutorials on the website to decide the versions of Java and OS to which it is applicable.

The Spoken Tutorial effort for Java is contributed jointly by **TalentSprint, Hyderabad** and the Spoken Tutorial Team, IIT Bombay. Other contributors who helped in the creation of the scripts are Prathamesh Salunke, Arya Ratish, Ashwini Patil. The team received ample guidance from Mr. Ashok Pichai from TalentSprint, Hyderabad.

Learners: UG/PG CSE/IT/CS students.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.



Summary

This course enabled the students to :

- Understand the basic terminology used in computer, write, compile and debug programs in Java language and use different data types in a computer program.
- Understand object-oriented programming features in Java
- Apply these features to program design and implementation.
- Understand object-oriented concepts and how they are supported by Java
- Apply the concept of objects,inheritance etc.

ADDON COURSE 24
Name of the program : ADDON COURSE - SCILAB
Duration : 30 hrs
List of students enrolled (with signature of students)

First Name	Score
JIBIN B	23.3
JUSTIN JOSEPH	13.3
ALAMEEN M S	24.4
GOKUL S KUMAR	27.8

PRINCIPAL

ST- 2019-20

- Select Jul-Dec for 1st, 3rd, 5th, 7th semesters

ST

*In case your semester begins **mid-June** onwards, please choose July-Dec semester and select 1 July as Semester Start Date.*

Current Semester: July - December, 2019 Next Semester: January - June, 2020

- You are on the STPS page.
- Complete the 3 steps in sequence and follow all the instructions.
- The **Click here** will give a detailed instruction sheet for the particular step:
  1. For **Master Batch**: Click Here.
  2. For **STPF**: Click Here.
  3. For **Participants List**: Click Here.
  4. Proceed with **Test** after **30 days** of Semester Start Date.
- Please download a copy of tutorials on all the machines. For instructions to download tutorials Click Here
- Please check if your machine is ready. For the Machine Readiness document Click Here

Lourdes Matha College of Science and Technology, Thiruvananthapuram

July – December, 2019 (Current Semester) completed : 0 Ongoing : 24

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
1	Aug. 1, 2019	Linux	Electronics and Communication Engineering	2016	(21 / 25)
2	Aug. 1, 2019	Python - Python 3.4.3	Electronics and Communication Engineering	2018	(6 / 7)
3	Aug. 1, 2019	C and Cpp	Electronics and Communication Engineering (B.Tech)	2017	(7 / 9)
4	Aug. 1, 2019	Blender	Civil Engineering	2016	(47 / 58)
5	Aug. 1, 2019	C and Cpp	Civil Engineering (B.Tech)	2017	(51 / 53)
6	Aug. 1, 2019	QCad	Civil Engineering (B.Tech)	2018	(22 / 25)
7	Aug. 1, 2019	Linux	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
8	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
9	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (B. Tech)	2017	(6 / 7)
10	Aug. 1, 2019	Java	Electrical and Electronics Engineering (B. Tech)	2018	(6 / 7)
11	Aug. 1, 2019	Scilab	Electrical and Electronics Engineering (B. Tech)	2018	(5 / 7)
12	Aug. 1, 2019	Java	Computer Science and Engineering	2016	(4 / 78)
13	Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2016	(65 / 78)
14	Aug. 1, 2019	OpenFOAM	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
15	Aug. 1, 2019	Arduino	Computer Science and Engineering (B.Tech)	2017	(30 / 32)

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

Curriculum

Scilab (http://scilab.org, http://scilab.in) is an open source scientific software package for numerical computations. It has an extremely reliable and efficiently coded numerical library. It is also a high productivity tool: Through its interpreted language, one can quickly develop the code required to solve problems. Typically, if it takes ten lines of C code for some calculation, Scilab would require only one for the same purpose.

Scilab runs on all popular operating systems. Since 1994, it has been distributed freely along with the source code via the Internet. It is useful for students at school, college and roupas da moda research level. It is also useful for researchers and professionals.

IIT Bombay is leading the effort to popularise Scilab in India. This is part of the Free and Open source Software for Science and Engineering Education (FOSSEE) project, supported by the National Mission on Education through ICT of MHRD.

IIT Bombay is using Spoken Tutorials (https://spoken-tutorial.org) to create learning material for FOSS. This is the main page for the organisation of the scripts required for Scilab spoken tutorials. We invite the Scilab user community to participate in this activity.

Learners: All Science and Engineering Students.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

Scilab is an open source, cross-platform numerical computational package and a high-level, numerically oriented programming language that can be used for simulation problems.

This add-on course provided the students with the necessary knowledge to solve numerical problems through Scilab capacities.

The students were taught how to do standard operations on matrices, how to create different types of matrices using in built functions, various in built functions used in Scilab such as elementary mathematical functions, Matlab compatible functions, frequently required functions etc.

ADDON COURSE 25

Name of the program : ADDON COURSE - ARDUINO

Duration : 30 hrs

List of students enrolled (with signature of students)

Name	Email	Gender
AAROMAL S	aaromalshaji99@gmail.com	Male
AARSHA B R	aarshabrajendran98@gmail.com	Female
ABHIJITH KRISHNA A I	abhijithanandhu@gmail.com	Male
ADITHYAN G	adithyan28g@gmail.com	Male
AISWARYA S	aiswarya3648@gmail.com	Female
AKHIL RAJ R C	1999akhil@gmail.com	Male

PRINCIPAL

ALINA SUSAN BIJU	alinasusanbiju13@gmail.com	Female
ANAKHA SOMAN B R	anakhasoman99@gmail.com	Female
ANCY B RAJ	ycnabraj@gmail.com	Female
ANOOP S	anoop.anu8055@gmail.com	Male
ARYA NAIR L P	aryaaryasree130@gmail.com	Female
ASHISH S S	ashishash006@gmail.com	Male
ASIF MOHAMMED M	muhammedasif884@gmail.com	Male
BIJI JOY	bijijoy123adamant@gmail.com	Female
BINILA RAJ R L	binilarajrl@gmail.com	Female
DEEPU G NAIR	deepukrishna811@gmail.com	Male
JEMIN JAISON	jeminjaison@gmail.com	Male
JESER A J	19jeser99@gmail.com	Male

PRINCIPAL

JEWELL JERIN	jewelljerin@gmail.com	Male
JITHU PAUL	jithupaul2750@gmail.com	Male
KRISHANANUNNI MENON C S	krishnan548081@gmail.com	Male
NANDU KRISHNA A L	nandhuanil2414@gmail.com	Male
NEETHU MATHEW	neethumathew42@gmail.com	Female
NIMMY SURESH	nimmysuresh99@gmail.com	Female
SAJIN C S	sajinbinu@gmail.com	Male
SOJA J S	sojasathyan17111999@gmail.com	Female
SURYA S	surendrankunnoth@gmail.com	Female
VARUN DEV	tvvarun1997@gmail.com	Male
VISMAYA MOHAN J V	vismayamohan99@gmail.com	Female
VIVEK J S	vivek1996jayan@gmail.com	Male

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

ST- 2019-

- Select Jul-Dec for 1st, 3rd, 5th, 7th semesters

In case your semester begins mid-June onwards, please choose July-Dec semester and select 1 July as Semester Start Date.

Current Semester: July - December 2019 Next Semester: January - June, 2020

- You are on the STPS page.
- Complete the 3 steps in sequence and follow all the instructions.
- The **Click here** will give a detailed instruction sheet for the particular step:
  1. For **Master Batch**: Click Here
  2. For **STPF**: Click Here
  3. For **Participants List**: Click Here
  4. Proceed with **Test** after **30 days** of Semester Start Date.
- Please download a copy of tutorials on all the machines. For instructions to download tutorials Click Here
- Please check if your machine is ready. For the Machine Readiness document Click Here

Lourdes Matha College of Science and Technology, Thiruvananthapuram

July - December, 2019 (Current Semester) completed : 0 Ongoing : 24

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
1	Aug. 1, 2019	Linux	Electronics and Communication Engineering	2016	(21 / 25)
2	Aug. 1, 2019	Python - Python 3.4.3	Electronics and Communication Engineering	2018	(6 / 7)
3	Aug. 1, 2019	C and Cpp	Electronics and Communication Engineering (B.Tech)	2017	(7 / 9)
4	Aug. 1, 2019	Blender	Civil Engineering	2016	(47 / 58)
5	Aug. 1, 2019	C and Cpp	Civil Engineering (B.Tech)	2017	(51 / 53)
6	Aug. 1, 2019	QCad	Civil Engineering (B.Tech)	2018	(22 / 25)
7	Aug. 1, 2019	Linux	Electrical and Electronics Engineering (EEE)	2018	(6 / 7)
8	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
9	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (B. Tech)	2017	(6 / 7)
10	Aug. 1, 2019	Java	Electrical and Electronics Engineering (B. Tech)	2018	(6 / 7)
11	Aug. 1, 2019	Scilab	Electrical and Electronics Engineering (B. Tech)	2018	(5 / 7)
12	Aug. 1, 2019	Java	Computer Science and Engineering	2018	(4 / 78)
13	Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2016	(63 / 78)
14	Aug. 1, 2019	OpenFOAM	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
15	Aug. 1, 2019	Arduino	Computer Science and Engineering (B.Tech)	2017	(30 / 32)

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kottakal P.O.

Curriculum

Arduino is an open source platform used for building electronics projects. Arduino consists of both a physical programmable circuit board or microcontroller and a software, IDE (Integrated Development Environment) that runs on the computer. It is used to write and upload computer code to the physical board.

Arduino board designs use a variety of microprocessors and controllers. The boards are equipped with sets of digital and analog input/output pins, USB connection which is used for loading programs from computers, power jack, reset button etc.

A program written with the IDE for Arduino is called a sketch. The Arduino IDE supports the languages C and C++ using special rules of code structuring. It consists of only two functions, setup and loop. The setup function is used to initialize variables, input and output pin modes and other libraries needed in the sketch. After setup has been called, function loop is executed repeatedly in the main program. It controls the board until the board is powered off or reset.

Arduino can interact with buttons, LEDs, motors, speakers, cameras, TV and smart phones etc. It can used for almost any electronics projects.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

Arduino is an open-source prototyping platform based on easy-to-use hardware and software. Over the years Arduino has been the brain of thousands of projects, from everyday objects to complex scientific instruments. There are many other microcontrollers available in the market for physical

computing but these are more sophisticated and difficult to use. Arduino has simplify the process of working with microcontrollers. Arduino is just plug and play device, any hobbyist or student can use it easily. Arduino has some advantages over other microcontrollers like it is inexpensive, simple clear programming environment and open source with extensible software/hardware.

The following were the key takeaways from this course:

-
- To provide knowledge of different Smart System applications.
- To familiarize students with Arduino as IDE, programming language & platform.
- To provide knowledge of Arduino boards and basic components.
- Develop skills to design and implement various smart system application.

ADDON COURSE 26
Name of the program : ADDON COURSE - LIBRE OFFICE SUITE BASE
Duration : 30 hrs
List of students enrolled (with signature of students)

Name	Email	Gender
ABHIJITH KRISHNA A S	abhivishnu8114@gmail.com	Male
ABHIJITH MOHAN B	abhijith.mohanb@gmail.com	Male
ABHIJITH S NAIR	sabhijithabhi@gmail.com	Male
ABHIJITH SS	abhijithss2017@gmail.com	Male

AJAY MOHANRAJ	ajaymohanraj07@gmail.com	Male
AKHIL KRISHNA B K	krishnaakhil06@gmail.com	Male
AKHIL MR	akhilmr1999@gmail.com	Male
AKSHAY MATHEW	akshaymathew03@gmail.com	Male
AKSHAY M	akshaymadhu@gmail.com	Male
AMAL KRISHNA .A	amalkrishnaa1999@gmail.com	Male
AMAL MOHAN CJ	amalmohancj1@gmail.com	Male
ARAVIND A	aravindthalikuzhi@gmail.com	Male
AROMAL L A	aromallorance@gmail.com	Male
ASHIQ M N	ashiqmn123pulimoodu@gmail.com	Male
ASHISH S.D	sdashish1@gmail.com	Male
CHARLES JOHNY	charlesjohny317@gmail.com	Male

PRINCIPAL

DANIMON M	danimonm0493@gmail.com	Male
FAIZAL L	faizilukman@gmail.com	Male
GANESH SM	smganesh321@gmail.com	Male
GOKUL HARI H	kannan123322@gmail.com	Male
Hrithik D Prasad	hrithikdprasad47@gmail.com	Male
JERBIN JEROME	jerbinjerome10@gmail.com	Male
JOYAL P BINOY	joyalpbinoy10@gmail.com	Male
KEVIN THOMAS MATHEW	kevintm066@gmail.com	Male
MAHESH VIJAYAN V S	maheshvijayanvs@gmail.com	Male
MIDHUN M	midhunmadhav9119@gmail.com	Male
NITHIN THOMAS	nithint620@gmail.com	Male
PRINCE JOSEPH	9605439035prince@gmail.com	Male

PRINCIPAL

RAHUL A S	rahulas328@gmail.com	Male
ROBIN JIMMICHAN P	homestaymariya@gmail.com	Male
ROSHIN H G	roshinhg@gmail.com	Male
S Namboodiri	easwarannamboodiris@gmail.com	Male
SANGEETH S S	sangeethsree2@gmail.com	Male
SOORAJ S	sooraj.sukumar619@gmail.com	Male
VISHNU VIJAYAN B	vishnuvijayanb99@gmail.com	Male
VIVEK J RAJ	vivekjraj74@gmail.com	Male
VIVEK V NAIR	vivekbittu731@gmail.com	Male
IBRAHIM S	ibrahimsalim768@gmail.com	Male

PRINCIPAL

16 Aug. 1, 2019	PHP and MySQL	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
17 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2018	(29 / 29)
18 Aug. 1, 2019	OpenFOAM	Mechanical Engineering	2016	(53 / 65)
19 Aug. 1, 2019	LibreOffice Suite Base	Mechanical Engineering (B.Tech)	2017	(38 / 40)
20 Aug. 1, 2019	C and Cpp	Mechanical Engineering (B.Tech)	2018	(13 / 14)
21 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2015	(1 / 61)
22 Aug. 12, 2019	Linux	Computer Science and Engineering (B.Tech)	2019	(61 / 61)
23 Aug. 1, 2019	Linux	Electronics and Communication Engineering (B.Tech)	2019	(16 / 16)
24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

January - June, 2020 (Next Semester) Planned : 0

Training planner is empty

January - June, 2019 Total : 21

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	Jan. 28, 2019	C and Cpp	Computer Science and Engineering	29	| Participant List | Participation certificates available |
2	Jan. 28, 2019	Java	Computer Science and Engineering (B.Tech)	30	| Participant List | Participation certificates available |
3	Jan. 28, 2019	PHP and MySQL	Computer Science and Engineering	66	| Participant List | Participation certificates available |
4	Jan. 28, 2019	Python	Computer Science and Engineering	60	| Participant List | Participation certificates available |
5	Jan. 29, 2019	Java	Electronics and Communication Engineering (B.Tech)	7	| Participant List | Participation certificates available |
6	Jan. 29, 2019	Python	Civil Engineering	49	| Participant List | Participation certificates available |
7	Jan. 28, 2019	PHP and MySQL	Civil Engineering	54	| Participant List | Participation certificates available |
8	Jan. 28, 2019	Java	Civil Engineering (B.Tech)	51	| Participant List | Participation certificates available |
9	Jan. 28, 2019	C and Cpp	Civil Engineering (B.Tech)	22	| Participant List | Participation certificates available |
10	Jan. 28, 2019	Java	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

Curriculum

LibreOffice-Suite-Base-Brochure-English.pdf (spoken-tutorial.org)

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

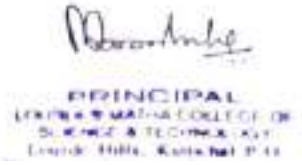
Summary Report

LibreOffice Base is the database front-end of the LibreOffice Suite. Base is the equivalent of Microsoft Access. Base is free and open source software, free of cost and free to use and distribute. This add on course introduced the students to the basics of LibreOffice Base and taught them how to:

- Perform data entries and view data using forms.
- Retrieve information using queries.
- Design and generate reports.

2018-2019

ADDON COURSE 1
Name of the program : ADDON COURSE -INTRODUCTION TO MACHINE LEARNING
Duration : 30 hrs
List of students enrolled (with signature of students)



Lourdes Matha College of Science and Technology
Kattichal, Thiruvananthapuram

Form No: R/PP-01/04.00

Title: Training Records

Training Record

Title of Training program: INTRODUCTION TO MACHINE LEARNING

Faculty: Dr. RAM PRASAD K.

Conducted on: 02.04.2019 – 03.04.2019

Sl No.	Name of Participant	Department	Signature
1	Mohammed Khalis	S6 CS-B	
2	Jilce Abraham	S6 CS-B	
3	Anitha Udayan	S6 CS-B	
4	Ashwind VVS	S6 CB-A	
5	Akhil Joy	S6 CB-A	
6	Lekshmi V.S	S6 CB-A	
7	Binoy BB	S6 CB-A	
8	Dennis Mathew George	S6 CB-A	
9	Riana Jabin	S6 CS-A	
10	Fiya Sanam	S6 CS-B	
11	Athira M.J	S6 CS-B	
12	Bharty Nandan	S6 CS-B	
13	Nazeeha S	S6 CS B	
14	Joby V. John	S6 CS B	
15	Renu	S6 CS A	
16	Prajobha	S6 CS A	
17	Vishnu S Nair	S6 CSA	
18	Adarsh S	S6 CSA	
19	Akhil Gopal	S6 CSA	
20	Keerthik Parameswaran	S6 CS A	
21	Sreethu A.	S6 CS B	
22	Akhila S.R	S6 CS B	
23	Arunkumar R	S6 CS B	
24	Saran Sundaresan Nadhapan	S6 CS B	
25	Riya Clement	S6 CS B	
26	Sneha S Raj	S6 CS B	
27	[illegible]	S6 CS A	
28	[illegible]	S6 CS A	
29	[illegible]	S6 CS A	
30	—	—	—

Date: 03.04.2019

Signature of Faculty

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Kattichal Hills, Kattichal P.O

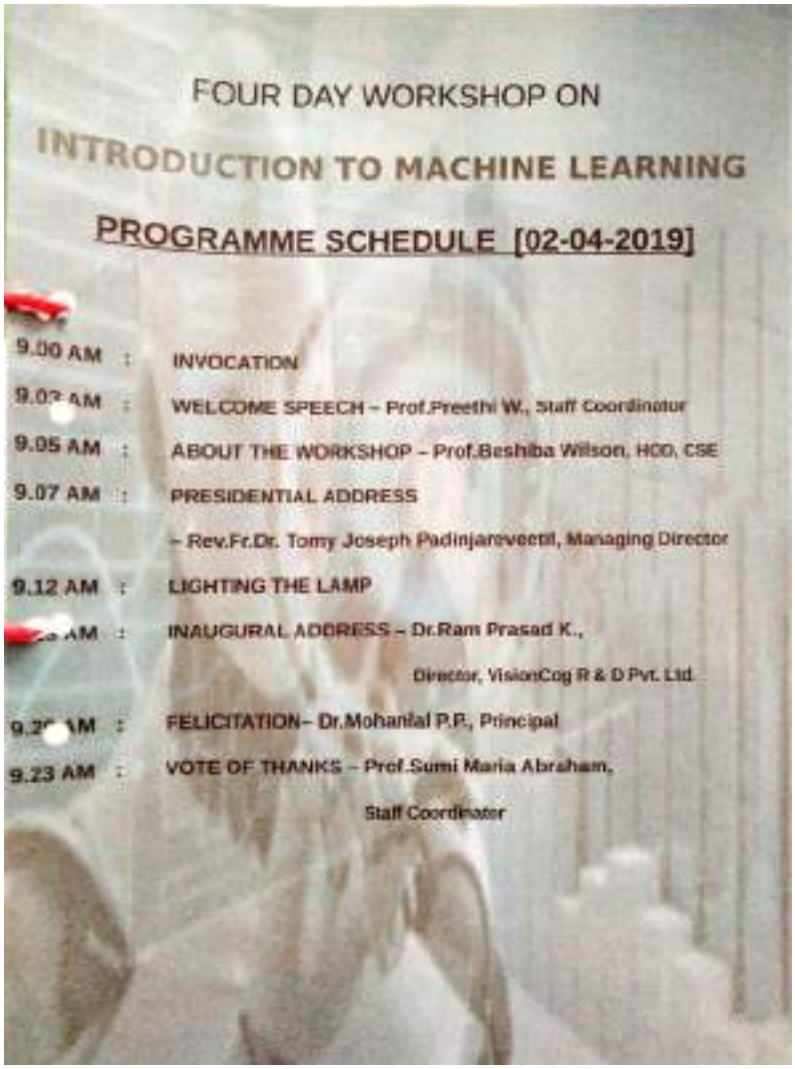
IOSS Club Workshop

Title: Introduction to Machine Learning

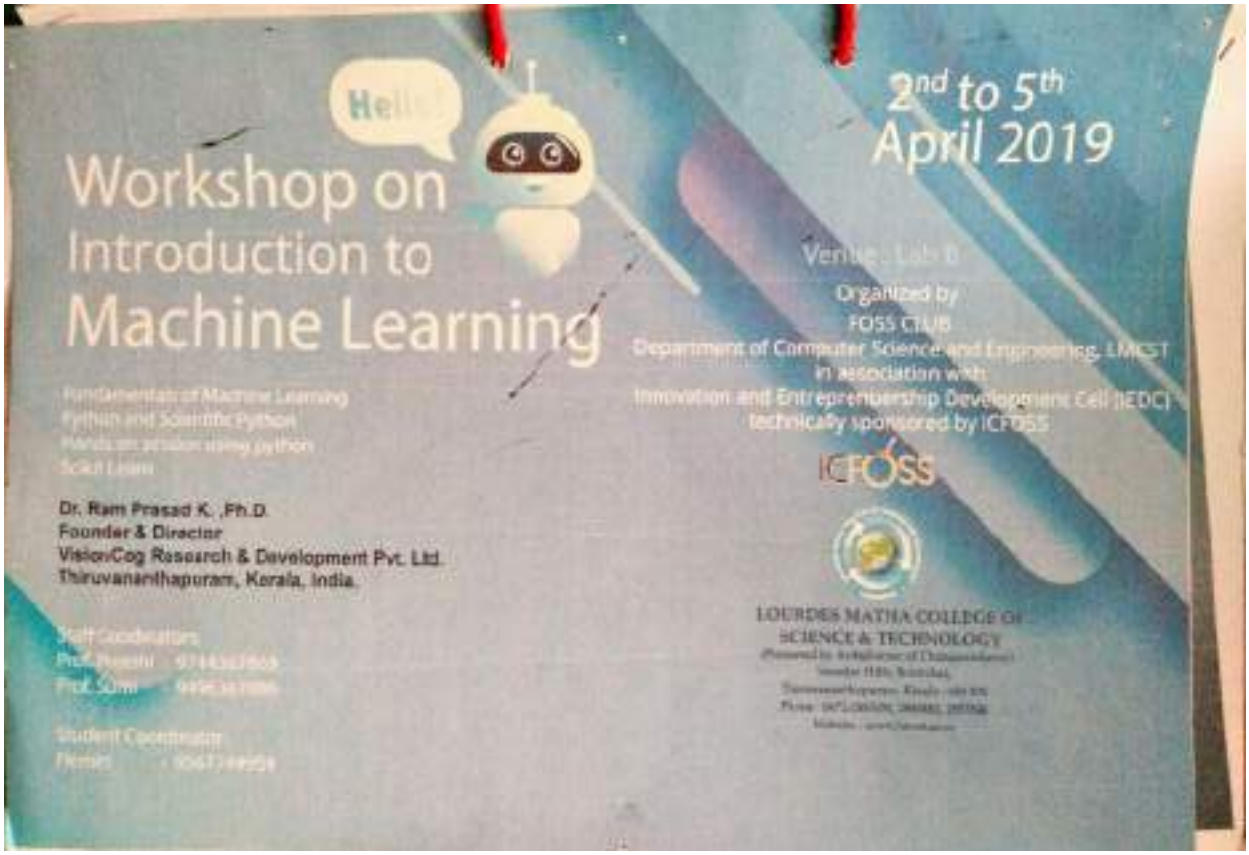
Date: 03/04/2019 S6 CSE

Sl.No	Name of Participant	Batch	Signature	
			FN	AN
1	Akhila S J	S6 CS- B		
2	Sruthi S	S6 CS- B		
3	Alan Fredrick	S6 CS - A		
4	Aravind V V	S6 CS - A		
5	Arun Kumar R	S6 CS- B		
6	Sarari Sudarshan Madhavan	S6 CS- B		
7	Athul Joy	S6 CS- A		
8	Fiemon Moses George	S6 CS- A		
9	Karthik Parameshwaran	S6 CS- A		
10	Ilias Abraham	S6 CS- B		
11	Anjitha Udayan	S6 CS- B		
12	Lekshmi V S	S6 CS- A		
13	Akhil Gopal	S6 CS- A		
14	Mohammed Khalis	S6 CS- B		
15	Vishnu S Nair	S6 CS- A		
16	Adarsh S	S6 CS- A		
17	Surya S Raj	S6 CS- B		
18	Divya Clement	S6 CS- B		
19	Karthik G	S6 CS- A		
20	Blecy Sonu	S6 CS- A		
21	Honey Suhity	S6 CS- A		
22	Pooja Saravan	S6 CS- B		
23	Riyana S Subair	S6 CS- A		
24	Parvathy Nandan N	S6 CS- B		
25	Athira M S	S6 CS- B		
26	Nazeeha S	S6 CS- B		
27	Joby V John	S6 CS- B		
28	Bincy S B	S6 CS- A		
29	Reenu Jude Gabriella Loonar	S6 CS- A		
30	Prajotosh P	S6 CS- A		

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O


FOUR DAY WORKSHOP ON
INTRODUCTION TO MACHINE LEARNING
PROGRAMME SCHEDULE [02-04-2019]
9.00 AM : INVOCATION
9.03 AM : WELCOME SPEECH – Prof.Preethi W., Staff Coordinator
9.05 AM : ABOUT THE WORKSHOP – Prof.Beshiba Wilson, HOD, CSE
9.07 AM : PRESIDENTIAL ADDRESS
– Rev.Fr.Dr. Tomy Joseph Padinjareveettil, Managing Director
9.12 AM : LIGHTING THE LAMP
INAUGURAL ADDRESS – Dr.Ram Prasad K.,
Director, VisionCog R & D Pvt. Ltd.
FELICITATION– Dr.Mohanlal P.P., Principal
9.23 AM : VOTE OF THANKS – Prof.Sumi Maria Abraham,
Staff Coordinator

PRINCIPAL



Assessment Pattern

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

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COLLEGE OF SCIENCE & TECHNOLOGY
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SUMMARY

This add on course on Machine Learning aimed at teaching the students :

- The basic concepts and techniques of Machine Learning
- Make them understand how to evaluate models generated from data .
- Applying the algorithms to a real problem
- To optimize the models learned and report on the expected accuracy that can be achieved by applying the models.

ADDON COURSE 2
Name of the program : ADDON COURSE - LINUX
Duration : 30 hrs
List of students enrolled (with signature of students)

STUDENT NAME	**Score**
ADITHYAN G	48.9% - Certificate
AISWARYA S	42.2% - Certificate
ANAKHA SOMAN B R	34.4
ANOOP S	37.8
BINILA RAJ R L	41.1% - Certificate

DEEPU G NAIR	37.8
JEMIN JAISON	66.7% - Certificate
JESER A J	73.3% - Certificate
JEWELL JERIN	34.4
KRISHANANUNNI MENON C S	53.3% - Certificate
NEETHU MATHEW	52.2% - Certificate
NIMMY SURESH	30.0
VARUN DEV	57.8% - Certificate
VIVEK J S	30.0
GAUTHAM G S	44.4% - Certificate
ABHIJITH KRISHNA	30.0
VISMAYA MOHAN	37.8

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SURYA DEV A S	52.2% - Certificate
NANDU KRISHNA A L	36.7
AARSHA B R	13.3

Curriculum

Introduction to Linux

Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and

above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

ADDON COURSE 3
Name of the program : ADDON COURSE - PYTHON
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL

Enrolled Students	Enrolled Students	Enrolled Students
ABHIRAMI B	ANUPAMA M K	JESTIN MATHEW
ADARSH V S	ANUSHMA P R	JIJIN RAJ
ADHITHYA S D	ASWATHY A S	JISHA G S
AGAN S A	ASWIN A S	JITHIN T ABRAHAM
AISWARYA B C	DEVADATH A G	KRISHNA A R
AJINRAJ J A	FATHIMA RAZLA S S	MEENAKSHI S
AKHIL SUJITH	GOKUL G T	MOHAMMAD ANES
AKSHAY KRISHNAN M S	GOWRI C S	NANDAGOPAL R
ALFIN M S	G P AKASH	NAVEEN N K
ANAKHA S CHANDRAN	GRACE SOPHIA S	NIKHIL M J
ANANTHANUNNI S B	GREESHMA K	PARVATHY V A
ANISHMA A S	HARISHANKAR M A	RAHUL NAIR
RAHUL R	SREELAL C J	ANJITHA UDAYAN
RAMANATH A R	AJIL SATHYAN	ARYA U S
RAVISANKAR J S	GAYATHRY KRISHNAN	SARAN SUNDARASAN MADHAVAN
RENJITH B J	U SIVASHANKAR	ABHILASH B NAIR
R SREE LEKSHMY	PARVATHY SURESH	ADHITH P RAJ
S AARABHI	LEKSHMI R R	ADITHYAN S
SABAREESH A S	SHIBINA SHAJAHAN	AJAY SEBASTIAN

PRINCIPAL

SANGEETHA S S	ANJANA P NAIR	AKHIL GOPAL
SHINCY B S	SANTO K STEPHEN	AMAL JOSEPH
SONA NAVAS S	ARYA S ANIL	ANANTHA SANKAR R
SONA S JOSH	ANANDHU R S	ANUPAMA S H
SRAVYA RAMAN	JISHA THAMPI G B	ARAVIND V V
SRUTHI A S	AMAL C RAJ	ATHIRA M S
SUNITH V S	JOSHNA JYOTHI R	ATHUL JOY
TRISHNA S SURESH	C M RENJINI	AZAD SEBASTIAN
VANIRAJ MITRA L	MAHESH KRISHNA V S	BINCY SABU
VISHNU A	GOKUL ANAND A B	CHRISTY JOHNSON
GAUTHAM G	HONEY SUNNY	DONA MATHEW
GAVIN JANAVAR DERIC	JAIVIN JACOB	FLEMIN MOSES GEORGE
GINU SEBASTIAN	JAYALEKSHMI U	FREJY THANKACHAN
JILCE ABRAHAM	MOHAMMED KHALIS	SWATHY S
KARTHIKA B G	NAZEEHA S	REENU JUDE GABRIELLA LEONARD
KURIAN VARGHESE	NIHANA F S	ADITHYA S
L SRUTHI	RIZANA S SUBAIR	POOJA SARAVAN
M PARVATHY	AKHILA S J	ARUN KUMAR R
PARVATHY NANDAN N	ALAN FREDERICK PRASANTH	S R MANU KRISHNA

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PRAJOTSNA P	ANGEL SAM A	ABHIJITH A S
PUTHIYADOM AJOE THOMAS	DANIEL C G	ABHINANDH B S
RAHUL J J	DIVYA CLEMENT	ABHIRAM KRISHNAN U H
RAHULPAUL V R	GOKUL P N	ABIN ANTONY
ROSHAN JAMES	JOBY V JOHN	ADARSH J
SANGEETHA R S	MIDHUN B SAM	ADARSH M S
SAVIO MATHEW	PAVIN PALAS P S	AKASH CHANDRAN
SHILPA STICKLE	SUNUMOL S S	AKHIL SHAJAHAN
SIBBYA SARA SUNIL	SURYA S RAJ	AKSHAY V NAIR
SOORAJ D S	ADARSH S	ALAN SAJI
SRUTHI S	KARTHIK PARAMESWARAN	AMAL V V
VAISHAK S	SARATH M K	AMAL Z S MUHAMMED
VISHNU S NAIR	SUKANYA SUDHARSANAN	
AMBAREESH VISWANATHAN	ASHKAR MUHAMMAD A	KIRAN K L
ANEESH SAMUEL V C	ASIHAB M	K KARISHMA KARTHIK
ARAVIND A S	ASWANTH S V	LIBIN CHANDRAN
SAJIN KUMAR S	ASWIN R S	MERVIN JO VARGHESE
SANJU DARSAN S P	ATHUL B S	MITHUN S S
SANJU S STEPHEN	ATHUL SOJI	MOHAMMED IJAS S

PRINCIPAL

SOBIN BABY	BENNO S JOSHUA	NIDHIN G S
SOORAJ S PILLAI	BESTIN BENEDICT	NIKHIL MON PHILIP
SURESH P J	BIROL M THOMAS	PRANAV S
SUVIN S KUMAR	DEVADUTT V S	PRANOY JOSE
VARGHESE MATHEW	GOKUL KRISHNAN R B	RAVI SANKAR S
VIJAYAKRISHNAN M R	GOKUL R S	RICHU JOHNSON
VIPIN M	HARI KRISHNAN M S	ROBIN SUNNY
VISHNU M V	JIKKU GEORGE	ROSHAN SALIM
VIVEK S	JITHIN H L	SACHIN GANESH
V S RAHUL	JOBIN V	KAPIL C
SREERAJ P	JOBY JO G S	KANITH A
JOFFIN THOMAS		

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- Select Jul-Dec for 1st, 3rd, 5th, 7th semesters

ST

*In case your semester begins **mid-June** onwards, please choose July-Dec semester and select 1 July as Semester Start Date.*

Current Semester: July - December, 2019 Next Semester: January - June, 2020

- You are on the STPS page.
- Complete the 3 steps in sequence and follow all the instructions.
- The **Click here** will give a detailed instruction sheet for the particular step:
  1. For **Master Batch**: Click Here.
  2. For **STPF**: Click Here.
  3. For **Participants List**: Click Here.
  4. Proceed with **Test** after **30 days** of Semester Start Date.
- Please download a copy of tutorials on all the machines. For instructions to download tutorials Click Here
- Please check if your machine is ready. For the Machine Readiness document Click Here.

Lourdes Matha College of Science and Technology, Thiruvananthapuram

July - December, 2019 (Current Semester) completed : 0 Ongoing : 24

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
1	Aug. 1, 2019	Linux	Electronics and Communication Engineering	2016	(21 / 25)
2	Aug. 1, 2019	Python - Python 3.4.3	Electronics and Communication Engineering	2018	(6 / 7)
3	Aug. 1, 2019	C and Cpp	Electronics and Communication Engineering (B.Tech)	2017	(7 / 9)
4	Aug. 1, 2019	Blender	Civil Engineering	2016	(47 / 58)
5	Aug. 1, 2019	C and Cpp	Civil Engineering (B.Tech)	2017	(51 / 53)
6	Aug. 1, 2019	QCad	Civil Engineering (B.Tech)	2018	(22 / 25)
7	Aug. 1, 2019	Linux	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
8	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
9	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (B. Tech)	2017	(6 / 7)
10	Aug. 1, 2019	Java	Electrical and Electronics Engineering (B. Tech)	2018	(6 / 7)
11	Aug. 1, 2019	Scilab	Electrical and Electronics Engineering (B. Tech)	2018	(5 / 7)
12	Aug. 1, 2019	Java	Computer Science and Engineering	2016	(4 / 78)
13	Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2016	(65 / 78)
14	Aug. 1, 2019	OpenFOAM	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
15	Aug. 1, 2019	Arduino	Computer Science and Engineering (B.Tech)	2017	(30 / 32)

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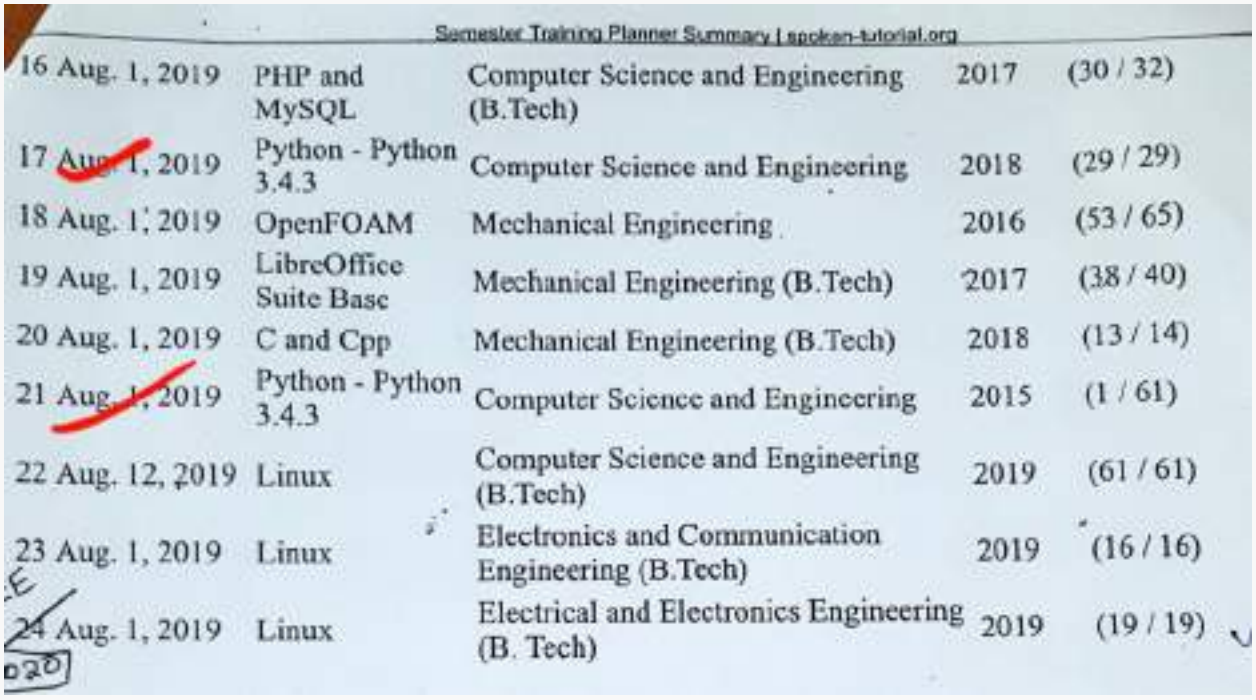
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kottakal P.O.



Semester Training Planner Summary | spoken-tutorial.org

16 Aug. 1, 2019	PHP and MySQL	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
17 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2018	(29 / 29)
18 Aug. 1, 2019	OpenFOAM	Mechanical Engineering	2016	(53 / 65)
19 Aug. 1, 2019	LibreOffice Suite Basc	Mechanical Engineering (B.Tech)	2017	(38 / 40)
20 Aug. 1, 2019	C and Cpp	Mechanical Engineering (B.Tech)	2018	(13 / 14)
21 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2015	(1 / 61)
22 Aug. 12, 2019	Linux	Computer Science and Engineering (B.Tech)	2019	(61 / 61)
23 Aug. 1, 2019	Linux	Electronics and Communication Engineering (B.Tech)	2019	(16 / 16)
24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

Curriculum

Upon successfully completing this course, students will be able to “do something useful with Python”.

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

The following topics were discussed.

- Introduction
- Functions, Booleans and Modules
- Sequences, Iteration and String Formatting
- Dictionaries, Sets, and Files
- Exceptions, Testing, Comprehensions
- Advanced Argument Passing, Lambda -- functions as objects

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- Object Oriented Programming
- More OO -- Properties, Special methods
- Iterators, Iterables, and Generators
- Decorators, Context Managers, Regular Expressions, and Wrap Up

https://spoken-tutorial.org/media/videos/89/Python-3.4.3-Brochure-English.pdf

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report:

The add-on course focuses on Python data structures, and works with string, list, and range sequences. It helps to discover the power of list iteration, and learn about string and list methods, the details on file input and output—open files, read them, add to them, close them, and more. At the end of the course, students were able to slice strings into substrings, create lists, iterate through them, import files, and use file append mode, along with a lot of other practical Python tasks, as they started coding.

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ADDON COURSE 4

Name of the program : ADDON COURSE - C AND CPP

Duration : 30 hrs

List of students enrolled (with signature of students)

Name	Email	Gender	Certificate
ABHILASH V R	abhikumarrevathy@gmail.com	Male	Download Certificate
ARYA S BAIJU	aryasbaiju99@gmail.com	Female	Download Certificate
JOSEMON S S	josemonss2017@gmail.com	Male	Download Certificate
MEGHA P	meghafagi2001@gmail.com	Female	Download Certificate
SAJAN S	sajan33399@gmail.com	Male	Download Certificate
VIPIN M K	vipinmk233@gmail.com	Male	Download Certificate
ABHIRAM S S	abhiramssnair@gmail.com	Male	Download Certificate
ADARSH J S	achoose234@gmail.com	Male	Download Certificate

PRINCIPAL

ADITHYA S ANIL	anjitha98sanil@gmail.com	Female	Download Certificate
AKHIL M	akhilmsnair1999@gmail.com	Male	Download Certificate
AKSHAY J BERTIN	akshayjbertin@gmail.com	Male	Download Certificate
ANEENA S M	aneena231999@gmail.com	Female	Download Certificate
ANISH S U	anishsu2000@gmail.com	Male	Download Certificate
ARJUN GOPAL V S	arjunsunitha2018@gmail.com	Male	Download Certificate
ARSHA V R	arshadeepthi@gmail.com	Female	Download Certificate
ASHNA S S	ashnass2000@gmail.com	Female	Download Certificate
DONA CLARE TOM	dct3008@gmail.com	Female	Download Certificate
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PRINCIPAL

NABEEL ALI	nabzanabeel@gmail.com	Male	Download Certificate
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VISHAL V S	vishalvsmidhila@gmail.com	Male	Download Certificate
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JITHEESH KRISHNAN	jitheesh321@gmail.com	Male	Download Certificate
NEERAJA KASTHURI J N	neerajakasthuri@gmail.com	Female	Download Certificate
AKSHAY KRISHNAN R	akshaykrishnan3545@gmail.com	Male	Download Certificate
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ROHIT TOJO	rohittojo@gmail.com	Male	Download Certificate

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AKHILNATH P S	akhilnathps94@gmail.com	Male	Download Certificate
MIDHUN MOHAN M	midhunmohanm145@gmail.com	Male	Download Certificate
VIJIKUMARI V C	vijeshkuma12@gmail.com	Female	Download Certificate
ALLY S NAIR	allysnair98@gmail.com	Female	Download Certificate
JIBITHA ROSE B	jibitharose@gmail.com	Female	Download Certificate
VISHNU PRIYA J R	vishnupriya.vichu369@gmail.com	Male	Download Certificate
TIJU THOMAS	tijuthomas812@gmail.com	Male	Download Certificate
ROHAN THOMAS REJI	rohanreji123@gmail.com	Male	Download Certificate
MOHAMMAD SAJAAD	sachusajaad@gmail.com	Male	Download Certificate

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DANY THOMAS	thomasdany428@gmail.com	Male	Download Certificate
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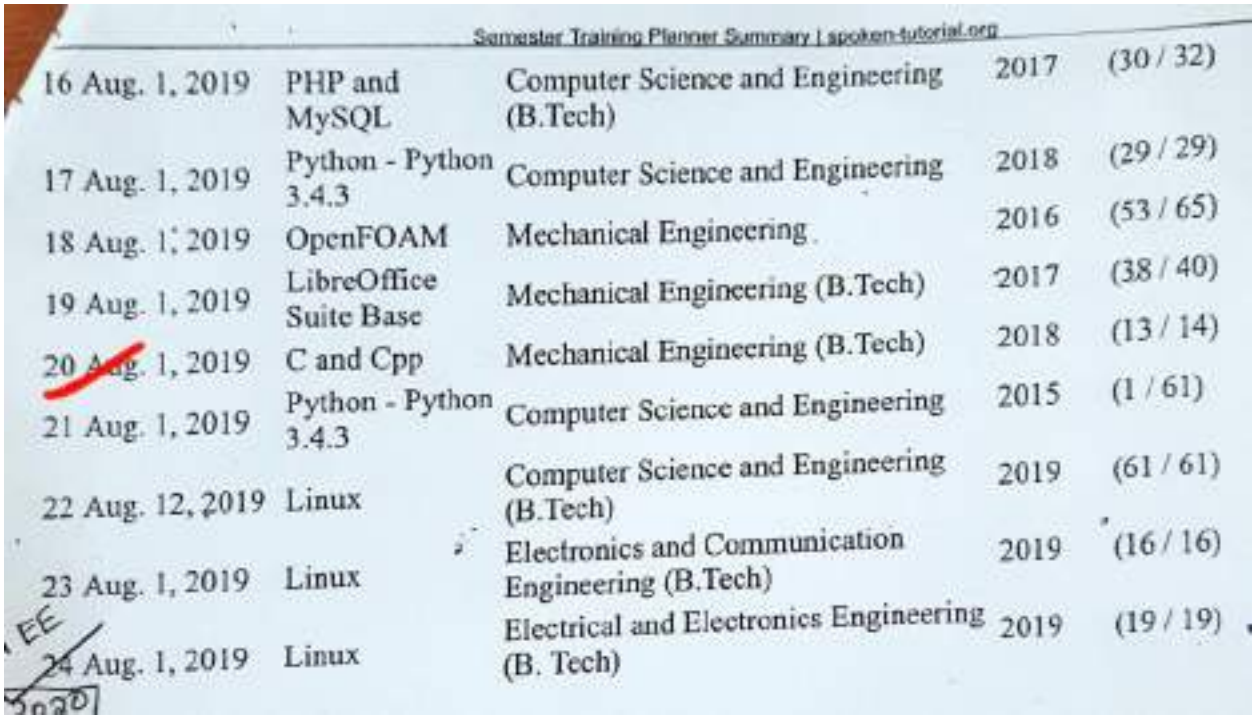
ABHJITH M S	jithu001x@gmail.com	Male	Download Certificate
AKSHYANATH A	karthiknathv@gmail.com	Male	Download Certificate
SHIVASHANKAR R P	shivashankar1798@gmail.com	Male	Download Certificate
KEVIN THOMAS	kvnthms5@gmail.com	Male	Download Certificate
SHIJIN THANKACHAN	sherlythankachan3361@gmail.com	Female	Download Certificate
SURYA W S	suryawilliam321@gmail.com	Female	Download Certificate
AL-AMEEN M S	alameenallu1234@gmail.com	Male	Download Certificate
AMAL ALPHONSE	amalalphonse107@gmail.com	Male	Download Certificate
BIJITH BS	bijith3012000@gmail.com	Male	Download Certificate

PRINCIPAL

GOKUL S KUMAR	gokulskumar2000@gmail.com	Male	Download Certificate
JIBIN B	jibinbenzyer@gmail.com	Male	Download Certificate
JUSTIN JOSEPH	josephjustin155@gmail.com	Male	Download Certificate
SARIN LAL S	sarinlalshibu@gmail.com	Male	Download Certificate



Semester Training Planner Summary | spoken-tutorial.org

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19 Aug. 1, 2019	LibreOffice Suite Base	Mechanical Engineering (B.Tech)	2017	(38 / 40)
20 Aug. 1, 2019	C and Cpp	Mechanical Engineering (B.Tech)	2018	(13 / 14)
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22 Aug. 12, 2019	Linux	Computer Science and Engineering (B.Tech)	2019	(61 / 61)
23 Aug. 1, 2019	Linux	Electronics and Communication Engineering (B.Tech)	2019	(16 / 16)
24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

EE

PRINCIPAL

ST - 2019-20

- Select Jul-Dec for 1st, 3rd, 5th, 7th semesters

ST

*In case your semester begins **mid-June** onwards, please choose July-Dec semester and select 1 July as Semester Start Date*

Current Semester: July - December, 2019 Next Semester: January - June, 2020

- You are on the STPS page.
- Complete the 3 steps in sequence and follow all the instructions.
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  2. For **STPF**: Click Here.
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Lourdes Matha College of Science and Technology, Thiruvananthapuram

July - December, 2019 (Current Semester) completed : 0 Ongoing : 24

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
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3	Aug. 1, 2019	C and Cpp	Electronics and Communication Engineering (B.Tech)	2017	(7 / 9)
4	Aug. 1, 2019	Blender	Civil Engineering	2016	(47 / 58)
5	Aug. 1, 2019	C and Cpp	Civil Engineering (B.Tech)	2017	(51 / 53)
6	Aug. 1, 2019	QCad	Civil Engineering (B.Tech)	2018	(22 / 25)
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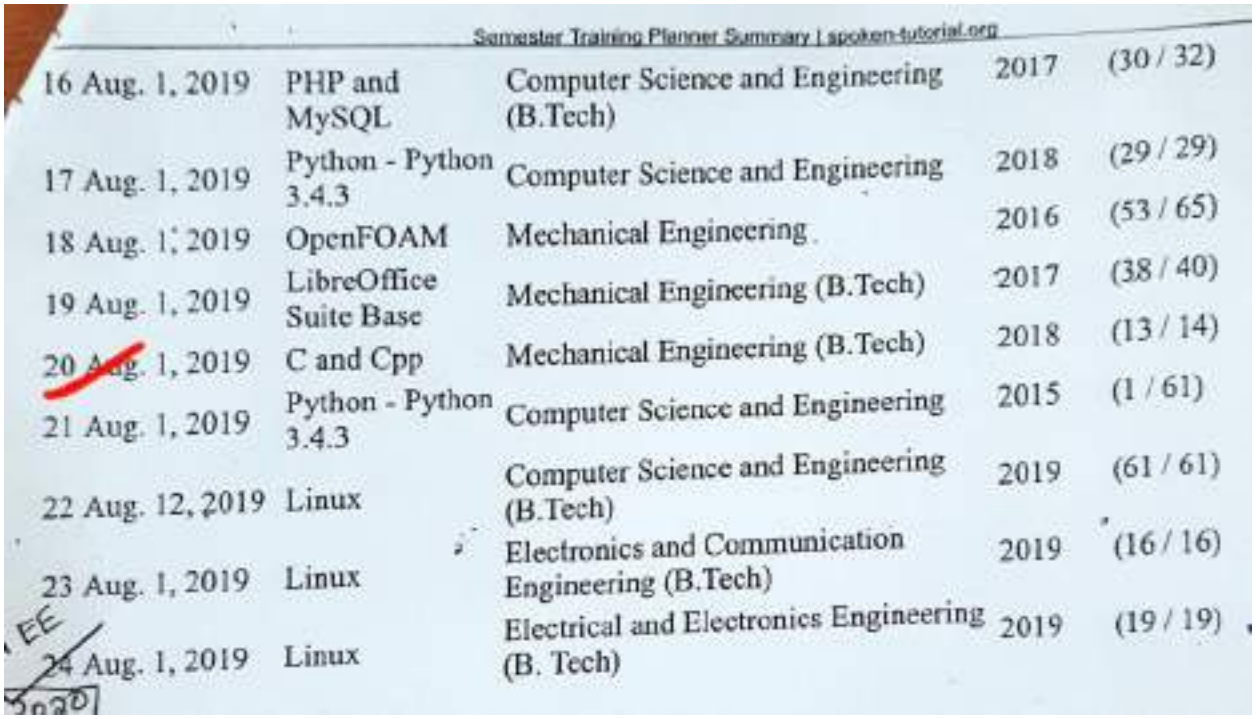
8	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (EEE)	2016	(6 / 7)
9	Aug. 1, 2019	Python - Python 3.4.3	Electrical and Electronics Engineering (B. Tech)	2017	(6 / 7)
10	Aug. 1, 2019	Java	Electrical and Electronics Engineering (B. Tech)	2018	(6 / 7)
11	Aug. 1, 2019	Scilab	Electrical and Electronics Engineering (B. Tech)	2018	(5 / 7)
12	Aug. 1, 2019	Java	Computer Science and Engineering	2016	(4 / 78)
13	Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2016	(65 / 78)
14	Aug. 1, 2019	OpenFOAM	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
15	Aug. 1, 2019	Arduino	Computer Science and Engineering (B.Tech)	2017	(30 / 32)

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Church Hills, Kattakkada P.O.



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24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

Curriculum

Introduction to C and C++

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

An Operating System(OS) is a software(collection of programs) that controls the various functions of a computer. Also it makes other programs on your computer work.

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For example, you cannot work with a word processor program, such as Microsoft Word, if there is no operating system installed on your computer.Windows, Unix, Linux, Solaris, and MacOS are some of the popular operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

C++ is a programming language developed by Bjarne Stroustrup starting in 1979 at Bell Labs. C++ is a statically typed, free-form, multi-paradigm, compiled, general-purpose, powerful programming language. C++ is an object oriented language. It supports features like classes and objects, Polymorphism, Encapsulation, Inheritance etc. C++ is also used for hardware design.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The aim of the course is to familiarize the student with the universal concepts of computer programming, present the syntax, semantics and basic data types of the C++ language, discuss the principles of the object-oriented model and its implementation in the C++ language, and demonstrate the means to resolve typical implementation problems with the help of standard C++ language libraries.

ADDON COURSE 5
Name of the program : ADDON COURSE - JAVA

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COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
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Duration : 30 hrs
List of students enrolled (with signature of students)

Sl. No.	First Name	Last Name	Email Id	Score
1	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	[illegible]	[illegible]	[illegible]
33	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]	[illegible]	[illegible]	[illegible]

Total No students enrolled	[illegible]
Total No students passed	[illegible]
Total Hours	[illegible]

Curriculum

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.

Java is a free and open source **high level programming language**. It is simple as well as **object oriented language**. Till date, the Java platform has attracted more than 6.5 million software developers. Java Platform, Standard Edition (Java SE) lets you develop and deploy Java applications on desktops and servers, as well as today's demanding Embedded and Real-Time environments.

From laptops to mobile phones, game consoles to scientific supercomputers, music players to the Internet, Set-top boxes to printers, web-cams to medical devices - that is a huge list, Java is everywhere!!!!!

This set of tutorials will cover features and usage of Java version 1.6.x Please see the associated text box of individual spoken tutorials on the website to decide the versions of Java and OS to which it is applicable.

The Spoken Tutorial effort for Java is contributed jointly by **TalentSprint, Hyderabad** and the Spoken Tutorial Team, IIT Bombay. Other contributors who helped in the creation of the scripts are Prathamesh Salunke, Arya Ratish, Ashwini Patil. The team received ample guidance from Mr. Ashok Pichai from TalentSprint, Hyderabad.

Learners: UG/PG CSE/IT/CS students.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

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After the completion of the course, the participant was able to:

- Understand the basic terminology used in computer, write, compile and debug programs in Java language and use different data types in a computer program.
- Understand object-oriented programming features in Java
- Apply these features to program design and implementation.
- Understand object-oriented concepts and how they are supported by Java
- Apply the concept of objects,inheritance etc.

ADDON COURSE 6
Name of the program : ADDON COURSE - PERL
Duration : 30 hrs
List of students enrolled (with signature of students)

ENROLLED STUDENTS	CERTIFICATE
ALAN JOSEPH	Download Certificate
ARJUN S P	Download Certificate
AMALKHOSH S	Download Certificate
JUBIN JAIMON	Download Certificate

VIMAL VISWAMBHARAN	Download Certificate
AKHIL VENU	Download Certificate
GOKUL S RAJAN	Download Certificate
ALEX C	Download Certificate
SURAJ R.S.	Download Certificate
RESHMA S V	Download Certificate
RESHMA S	Download Certificate
AISWARYA J R	Download Certificate
ANCY A P	Download Certificate
SANIJA JOHN	Download Certificate
SACHIN MOHAN L	Download Certificate
ANANTHU V	Download Certificate
SUDHIN GEORGE	Download Certificate

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ARAVIND P	Download Certificate
ANANDHU A S	Download Certificate
ALISHA S	Download Certificate
ANANDHU J A	Download Certificate
FAHEEMA NAJIM NAJIM S S	Download Certificate
SREELEKSHMI M	Download Certificate
JAYARAM R	Download Certificate

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Semester Training Planner Summary | spoken-tutorial.org

11	Jan. 28, 2019	PERL	Electrical and Electronics Engineering (EEE)	24	| Participant List | Participation certificates available |
12	Jan. 28, 2019	PHP and MySQL	Electrical and Electronics Engineering (EEE)	6	| Participant List | Participation certificates available |
13	Jan. 28, 2019	Python	Electronics and Communication Engineering	20	| Participant List | Participation certificates available |
14	Jan. 28, 2019	PHP and MySQL	Electronics and Communication Engineering	21	| Participant List | Participation certificates available |
15	Jan. 28, 2019	C and Cpp	Electronics and Communication Engineering	6	| Participant List | Participation certificates available |
16	Jan. 28, 2019	Python	Mechanical Engineering	89	| Participant List | Participation certificates available |
17	Jan. 28, 2019	PHP and MySQL	Mechanical Engineering	60	| Participant List | Participation certificates available |
18	Jan. 28, 2019	Java	Mechanical Engineering (B.Tech)	38	| Participant List | Participation certificates available |
19	Jan. 28, 2019	Python	Mechanical Engineering (B.Tech)	13	| Participant List | Participation certificates available |
20	Jan. 28, 2019	C and Cpp	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |
21	Jan. 28, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

Curriculum

PRINCIPAL

Perl (**Practical Extraction & Reporting Language**) is widely used open-source language. It was originally developed by Larry Wall in 1987 as a general-purpose Unix scripting language to make report processing easier. Since then, it has undergone many changes and revisions and become widely popular amongst programmers. Larry Wall continues to work on development of the core language, and its upcoming version, Perl 6. Perl borrows features from other programming languages including C, shell scripting (sh), AWK, and sed. The language provides powerful text processing facilities, facilitating easy manipulation of text files. Perl gained widespread popularity in the late 1990s as a CGI scripting language, in part due to its parsing abilities.

Perl can be used as a very simple and easy to use programming language. This language helps programmer to write a simple piece of code against the heavy / complicated shell or C programming. This language is portable and reliable. Useful for applications requiring Pattern Matching extensively

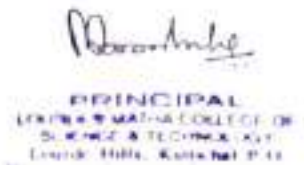
The Spoken Tutorial effort for Perl Basic level has been contributed by Amol Brahmankar from Pune and Intermediate level by Nirmala Venkat from Spoken Tutorials and was supported with domain reviews by Namrata Gaikwad from Pune.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

Practical Extraction and Report Language (PERL) courses are usually available as part of certificates or associate's and bachelor's degree programs in fields like computer science and computer programming.The following were the key outcomes of this course:



- Developing PERL applications
- Creating databases
- Building basic Web pages
- Network security
- Operating systems

ADDON COURSE 7
Name of the program : ADDON COURSE -PHP AND MYSQL
Duration : 30 hrs
List of students enrolled (with signature of students)

Enrolled Students	Score
SOORAJ D S	Download Certificate
SAVIO MATHEW	Download Certificate
SIBBYA SARA SUNIL	Download Certificate
HONEY SUNNY	Download Certificate
GINU SEBASTIAN	Download Certificate
ADITHYAN S	Download Certificate
ROSHAN JAMES	Download Certificate

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PRAJOTSNA P	Download Certificate
FLEMIN MOSES GEORGE	Download Certificate
MIDHUN B SAM	Download Certificate
KARTHIK K P	Download Certificate
AZAD SEBASTIAN	Download Certificate
AKHIL GOPAL	Download Certificate
ALAN FREDERICK	Download Certificate
SANGEETHA R S	Download Certificate
ATHUL JOY	Download Certificate
BINCY SABU	Download Certificate
ADARSH S	Download Certificate
JAYALEKSHMI U	Download Certificate
PAVIN PALAS P S	Download Certificate

PRINCIPAL

ARAVIND V V	Download Certificate
GAUTHAM G	Download Certificate
SRUTHI L	Download Certificate
REENU JUDE GABRIELLA LEONARD	Download Certificate
RAHUL J J	Download Certificate
PUTHIYADOM AJOE THOMAS	Download Certificate
KARTHIKA B G	Download Certificate
RIZANA S SUBAIR	Download Certificate
VISHNU S NAIR	Download Certificate
SARATH M K	Download Certificate
SWATHY S	Download Certificate
NIHANA F S	Download Certificate
ANANTHA SANKAR R	Download Certificate

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SRUTHI S	Download Certificate
ARUN KUMAR R	Download Certificate
PARVATHY NANDAN N	Download Certificate
JOBY V JOHN	Download Certificate
RAHUL PAUL	Download Certificate
CHRISTY JOHNSON	Download Certificate
POOJA SARAVAN	Download Certificate
ADITHYA S	Download Certificate
SARAN SUNDARESAN MADHAVAN	Download Certificate
DANIEL C G	Download Certificate
SURYA S RAJ	Download Certificate
JILCE ABRAHAM	Download Certificate
DONA MATHEW	Download Certificate

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ABHILASH B NAIR	Download Certificate
NAZEEHA S	Download Certificate
GAVIN JANAVAR DERIC	Download Certificate
KURIAN VARGHESE	Download Certificate
ADHITH P RAJ	Download Certificate
ATHIRA M S	Download Certificate
GOKUL ANAND A B	Download Certificate
VAISHAK S	Download Certificate
MANU KRISHNA S R	Download Certificate
ANUPAMA S H	Download Certificate
GOKUL P N	Download Certificate
SHILPA STICKLE	Download Certificate
ARYA U S	Download Certificate

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AKHILA S J	Download Certificate
DIVYA CLEMENT	Download Certificate
FREJY THANKACHAN	Download Certificate
MOHAMMED KHALIS	Download Certificate
SUKANYA SUDARSANAN	Download Certificate
JAIVIN JACOB	Download Certificate
PARVATHY M M	Download Certificate
RESHMA CHANDRAN B	Download Certificate
JOFFY JAMES	Download Certificate
AKHIL KRISHNA K S	Download Certificate
AKHILA NAVAS	Download Certificate
AL-AMEEN K S	Download Certificate

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VARSHA V J	Download Certificate
ARAVIND R A	Download Certificate
BIJIN V JOSEPH	Download Certificate
ANAND BABU	Download Certificate
SREEJITH S S	Download Certificate
RESHMA S	Download Certificate
VISHNU P	Download Certificate
ANISHA THOMAS T A	Download Certificate
GREESHMA RAJ J R	Download Certificate
NAYANA KRISHNAN	Download Certificate
ATHIRA M A	Download Certificate
ANOOP B VIJAY	Download Certificate
BINSA S B	Download Certificate

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ROHIN R	Download Certificate
BEJOY J M	Download Certificate
AKSHAYA V R	Download Certificate
AMAL SHA M B	Download Certificate
AMEENA K S	Download Certificate
ANGEL M S	Download Certificate
AKSHARA P S	Download Certificate
BHAGATH B S	Download Certificate
BABITHA R B	Download Certificate
DEVU ANIL	Download Certificate
MIDHUNA B S	Download Certificate
ASHIK S J	Download Certificate
VISWAJITH M K	Download Certificate

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ARYA ASHOK A R	Download Certificate
AJANYA R S	Download Certificate
ANCHU ANIL	Download Certificate
GOPIKA BABU B P	Download Certificate
ANJITH V B	Download Certificate
REMYA M	Download Certificate
NIRMAL S	Download Certificate
APARNA S F	Download Certificate
SHAFINA KHADER S	Download Certificate
ANANDHAN T N	Download Certificate
SOBIN SCARIA	Download Certificate
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SALU R	Download Certificate
ARATHY M S	Download Certificate
ADITYA SABU	Download Certificate
NINY SAM	Download Certificate
SUJIN SUDHAKAR V S	Download Certificate
THANSEER S S	Download Certificate
JITHIN JAYARAJ	Download Certificate
ANJANA ANIL	Download Certificate
ABHIJITH J J	Download Certificate
SWATHI KRISHNA S	Download Certificate
SAMYUKTHA GANESH	Download Certificate
GOPIKA GOPAN	Download Certificate

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SOJA CLIFTEN	Download Certificate
VISHNU RAJ C L	Download Certificate
ASWIN V A	Download Certificate
HARI S	Download Certificate
AJITH S PHILIP	Download Certificate
SARATH S	Download Certificate
SUJITH X T	Download Certificate
APARNA S NAIR	Download Certificate
RESHMA S N	Download Certificate
ANCY ROSE R L	Download Certificate
ALEENA JOLLY	Download Certificate
AMINA SEYYADALI S	Download Certificate

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AJINA JAMES	Download Certificate
NAYANA TREESA MICHAEL	Download Certificate
SANSHIYA SOBI	Download Certificate
ABHILASH B S	Download Certificate
BIMAL SABU	Download Certificate
SUBIN BABU	Download Certificate
ARYA I S	Download Certificate
ASHNA N S	Download Certificate
DEVIKA THAMPI P R	Download Certificate
SIDDHARTH S R	Download Certificate
ABIN ANTONY	Download Certificate
K.KARISHMA KARTHIK	Download Certificate
ANEESH SAMUEL V.C	Download Certificate

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AKSHAY V NAIR	Download Certificate
JOFFIN THOMAS	Download Certificate
RAVI SANKAR.S	Download Certificate
ROBIN SUNNY	Download Certificate
VIPIN. M	Download Certificate
VIVEK S	Download Certificate
SOBIN BABY	Download Certificate
ATHUL SOJI	Download Certificate
ABHIRAM KRISHNAN U.H	Download Certificate
RAHUL V.S	Download Certificate
GOKUL R.S	Download Certificate
BENNO S.JOSUA	Download Certificate
PRANAV S	Download Certificate

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JOBIN V	Download Certificate
SANJU. S.STEPHEN	Download Certificate
PRANOY JOSE	Download Certificate
VIJAYAKRISHNAN M.R	Download Certificate
SACHIN GANESH	Download Certificate
ADARSH M.S	Download Certificate
AKASH CHANDRAN	Download Certificate
MERVIN JO VARGHESE	Download Certificate
VARGHESE MATHEW	Download Certificate
AMBAREESH VISWANATHAN	Download Certificate
SAJIN KUMAR.S	Download Certificate
HARIKRISHNAN M.S	Download Certificate
ABHIJITH A.S	Download Certificate

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SURESH P.J	Download Certificate
SREERAJ P	Download Certificate
ADARSH J	Download Certificate
ASWIN R S	Download Certificate
AMAL Z S MUHAMMED	Download Certificate
SANJU DARSAN S P	Download Certificate
ATHUL B S	Download Certificate
KAPIL C	Download Certificate
NIDHIN G S	Download Certificate
ROSHAN SALIM	Download Certificate
SUVIN S KUMAR	Download Certificate
ASIHAB M	Download Certificate

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ASHKAR MUHAMMED A	Download Certificate
ABHINAND B S	Download Certificate
NIKHIL MON PHILIP	Download Certificate
DEVADUTT V S	Download Certificate
ARAVIND A S	Download Certificate
GOKUL KRISHNAN R B	Download Certificate
BESTIN BENEDICT	Download Certificate
RICHU JOHNSON	Download Certificate
ALAN SAJI	Download Certificate
AMAL V V	Download Certificate
AKHIL SHAJAHAN	Download Certificate
SOORAJ S PILLAI	Download Certificate

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LIBIN CHANDRAN	Download Certificate
JIKKU GEORGE	Download Certificate
BIROL M. THOMAS	Download Certificate

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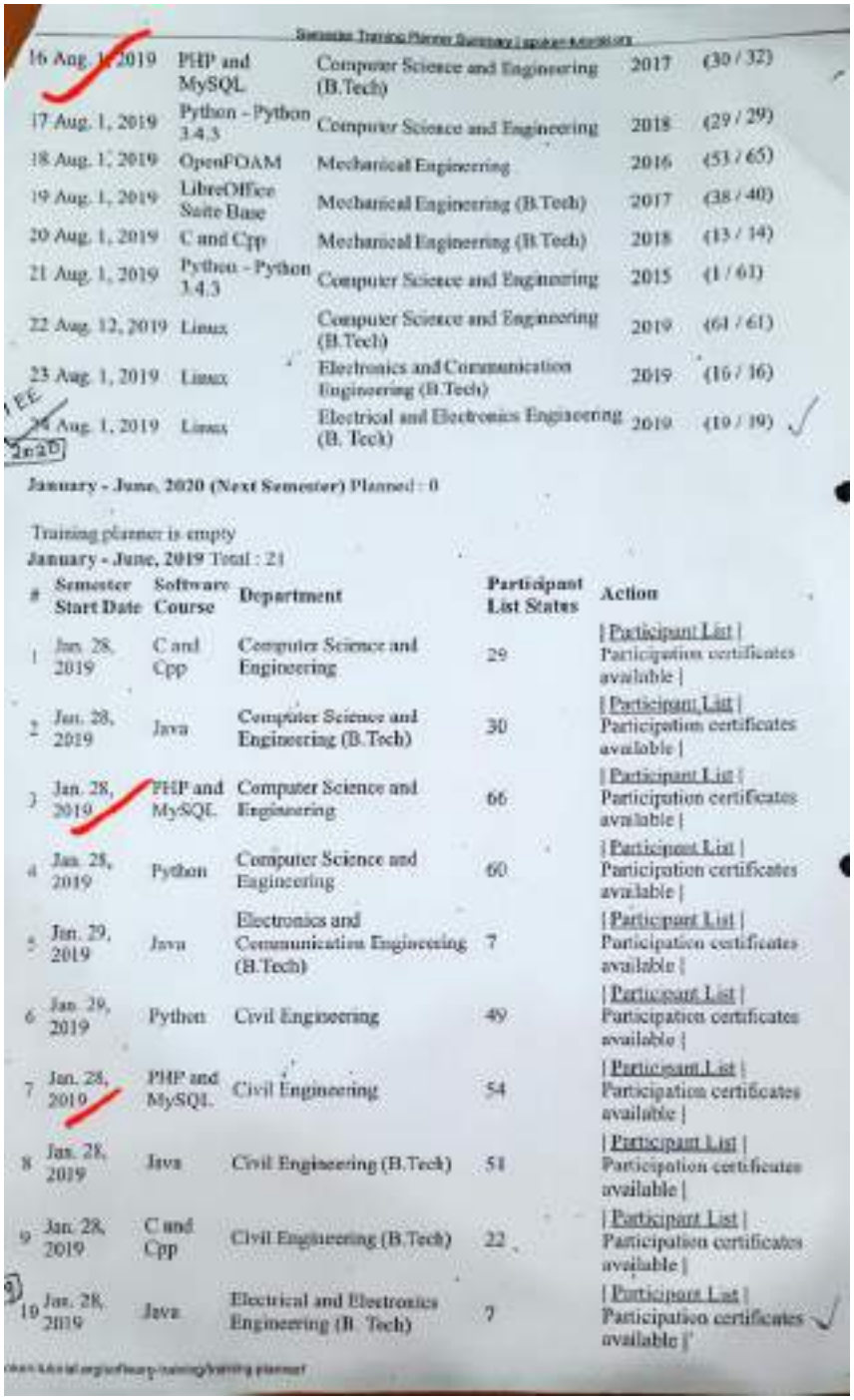
	Jan. 28, 2019	PERL	Electrical and Electronics Engineering (EEE)	24	| Participant List | Participation certificates available |
12	Jan. 28, 2019	PHP and MySQL	Electrical and Electronics Engineering (EEE)	6	| Participant List | Participation certificates available |
13	Jan. 28, 2019	Python	Electronics and Communication Engineering	20	| Participant List | Participation certificates available |
14	Jan. 28, 2019	PHP and MySQL	Electronics and Communication Engineering	21	| Participant List | Participation certificates available |
15	Jan. 28, 2019	C and Cpp	Electronics and Communication Engineering	6	| Participant List | Participation certificates available |
16	Jan. 28, 2019	Python	Mechanical Engineering	89	| Participant List | Participation certificates available |
17	Jan. 28, 2019	PHP and MySQL	Mechanical Engineering	60	| Participant List | Participation certificates available |
18	Jan. 28, 2019	Java	Mechanical Engineering (B.Tech)	38	| Participant List | Participation certificates available |
19	Jan. 28, 2019	Python	Mechanical Engineering (B.Tech)	13	| Participant List | Participation certificates available |
20	Jan. 28, 2019	C and Cpp	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |
21	Jan. 28, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

PRINCIPAL



16 Aug. 1, 2019	PHP and MySQL	Computer Science and Engineering (B.Tech)	2017	(30 / 32)
17 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2018	(29 / 29)
18 Aug. 1, 2019	OpenFOAM	Mechanical Engineering	2016	(53 / 65)
19 Aug. 1, 2019	LibreOffice Suite Base	Mechanical Engineering (B.Tech)	2017	(38 / 40)
20 Aug. 1, 2019	C and Cpp	Mechanical Engineering (B.Tech)	2018	(13 / 14)
21 Aug. 1, 2019	Python - Python 3.4.3	Computer Science and Engineering	2015	(1 / 61)
22 Aug. 12, 2019	Linux	Computer Science and Engineering (B.Tech)	2019	(61 / 61)
23 Aug. 1, 2019	Linux	Electronics and Communication Engineering (B.Tech)	2019	(16 / 16)
24 Aug. 1, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	2019	(19 / 19)

January - June, 2020 (Next Semester) Planned : 0

Training planner is empty

January - June, 2019 Total : 21

#	Semester Start Date	Software Course	Department	Participant List States	Action
1	Jan. 28, 2019	C and Cpp	Computer Science and Engineering	29	| Participant List | Participation certificates available |
2	Jan. 28, 2019	Java	Computer Science and Engineering (B.Tech)	30	| Participant List | Participation certificates available |
3	Jan. 28, 2019	PHP and MySQL	Computer Science and Engineering	66	| Participant List | Participation certificates available |
4	Jan. 28, 2019	Python	Computer Science and Engineering	60	| Participant List | Participation certificates available |
5	Jan. 29, 2019	Java	Electronics and Communication Engineering (B.Tech)	7	| Participant List | Participation certificates available |
6	Jan. 29, 2019	Python	Civil Engineering	49	| Participant List | Participation certificates available |
7	Jan. 28, 2019	PHP and MySQL	Civil Engineering	54	| Participant List | Participation certificates available |
8	Jan. 28, 2019	Java	Civil Engineering (B.Tech)	51	| Participant List | Participation certificates available |
9	Jan. 28, 2019	C and Cpp	Civil Engineering (B.Tech)	22	| Participant List | Participation certificates available |
10	Jan. 28, 2019	Java	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

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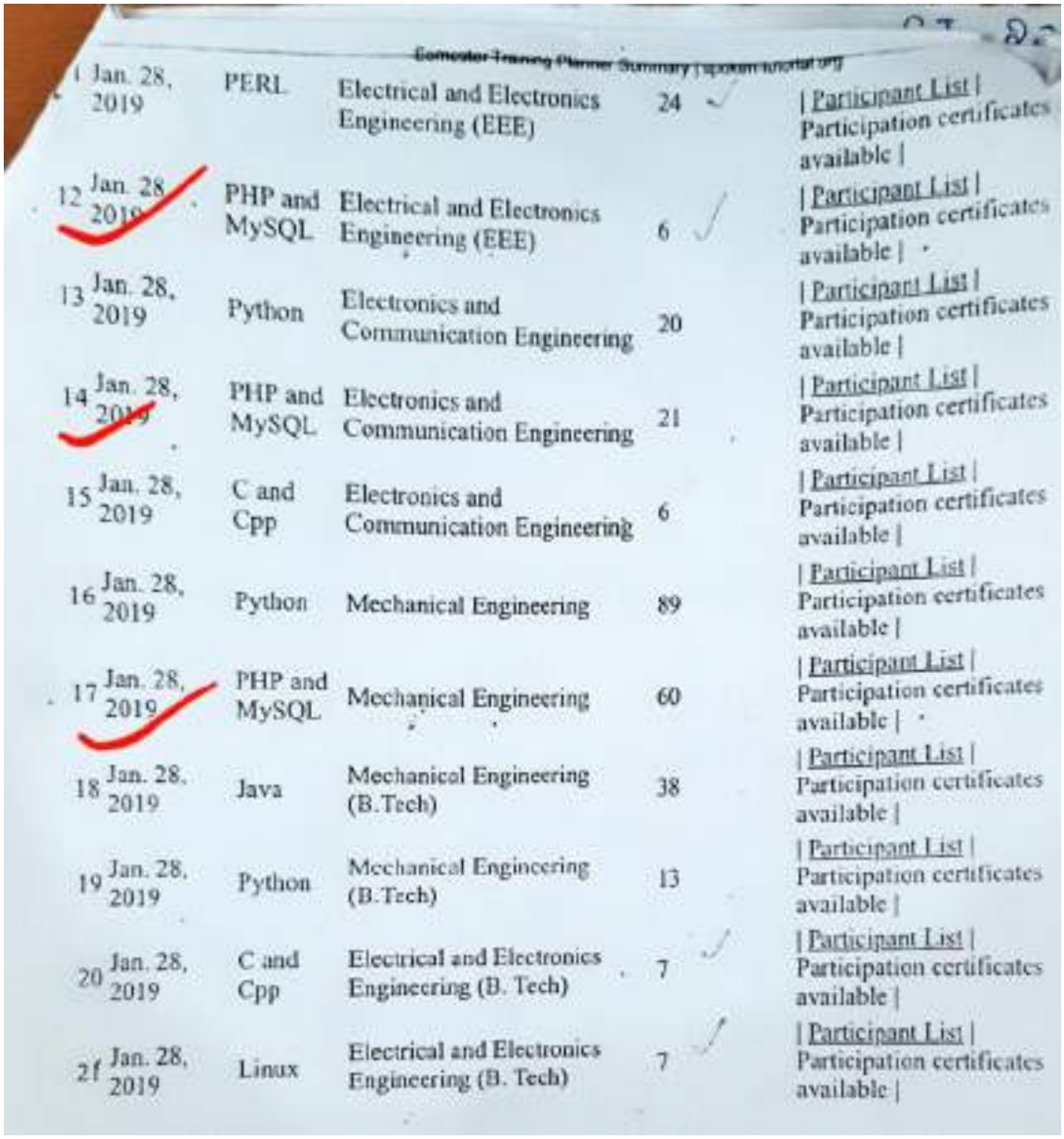

1	Jan. 28, 2019	PERL	Electrical and Electronics Engineering (EEE)	24	| Participant List | Participation certificates available |
12	Jan. 28, 2019	PHP and MySQL	Electrical and Electronics Engineering (EEE)	6	| Participant List | Participation certificates available |
13	Jan. 28, 2019	Python	Electronics and Communication Engineering	20	| Participant List | Participation certificates available |
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16	Jan. 28, 2019	Python	Mechanical Engineering	89	| Participant List | Participation certificates available |
17	Jan. 28, 2019	PHP and MySQL	Mechanical Engineering	60	| Participant List | Participation certificates available |
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19	Jan. 28, 2019	Python	Mechanical Engineering (B.Tech)	13	| Participant List | Participation certificates available |
20	Jan. 28, 2019	C and Cpp	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |
21	Jan. 28, 2019	Linux	Electrical and Electronics Engineering (B. Tech)	7	| Participant List | Participation certificates available |

Curriculum

PRINCIPAL

PHP or "PHP: Hypertext Preprocessor" is a widely-used Open Source general-purpose scripting language that is especially suited for Web development and can be embedded into HTML. Its syntax draws upon C, Java, and Perl, and is easy to learn. The main goal of the language is to allow web developers to write dynamically generated web pages quickly, but you can do much more with PHP.

MySQL is a RDBMS (Relational database management system). We use such a system in order to store, retrieve and manage data related to our applications. Apache is an Open Source web server in wide usage. A web-server is required to host a web-application (webpage) on a remote server and is responsible for processing the request from the client, who wants to access the application (or webpage).

Learners: UG/PG CSE/IT/CS students.

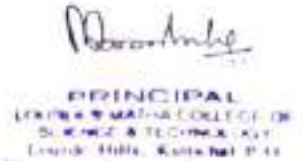
Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

This training course included in-depth understanding of PHP and MySQL in order to create websites and apps that match the exacting standards of today's business enterprises. Students learned advanced PHP concepts and MySQL databases.

PHP is a very versatile web development language that is used to build dynamic web pages by deploying server-side scripting. It offers multiple benefits like advanced features and easy to use and open source



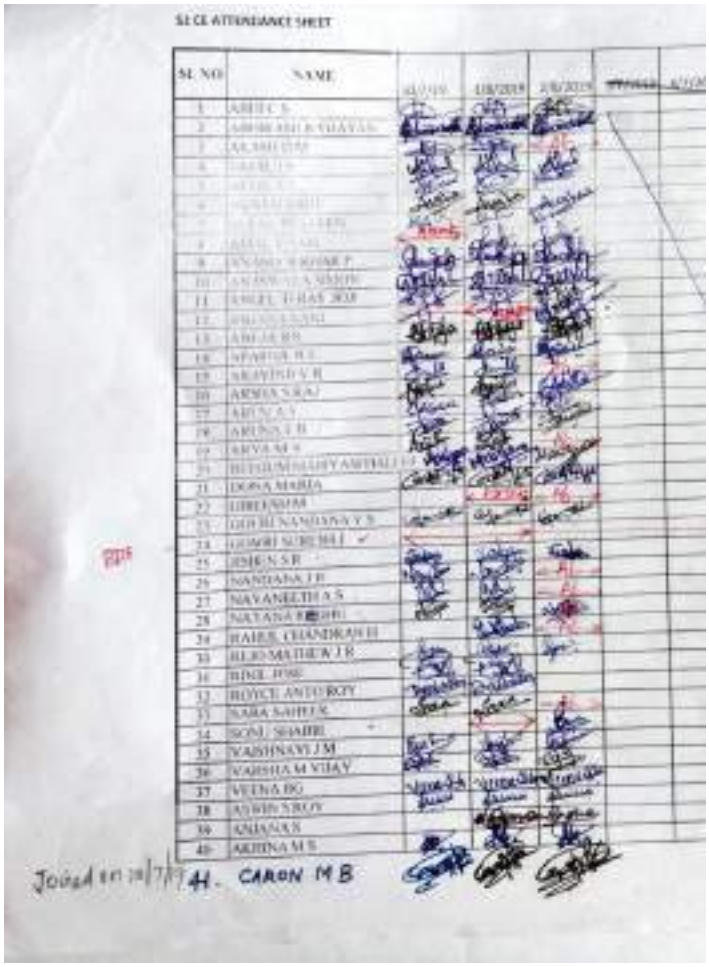
nature. MySQL is a database solution that is extremely powerful, secure and scalable making it ideal for use with sophisticated websites.

ADDON COURSE 8

Name of the program : ADDON COURSE FOR BEGINNERS - B.TECH

Duration : 30 hrs

List of students enrolled (with signature of students)



PRINCIPAL

Curriculum IR

Assessment Procedure Year wise

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

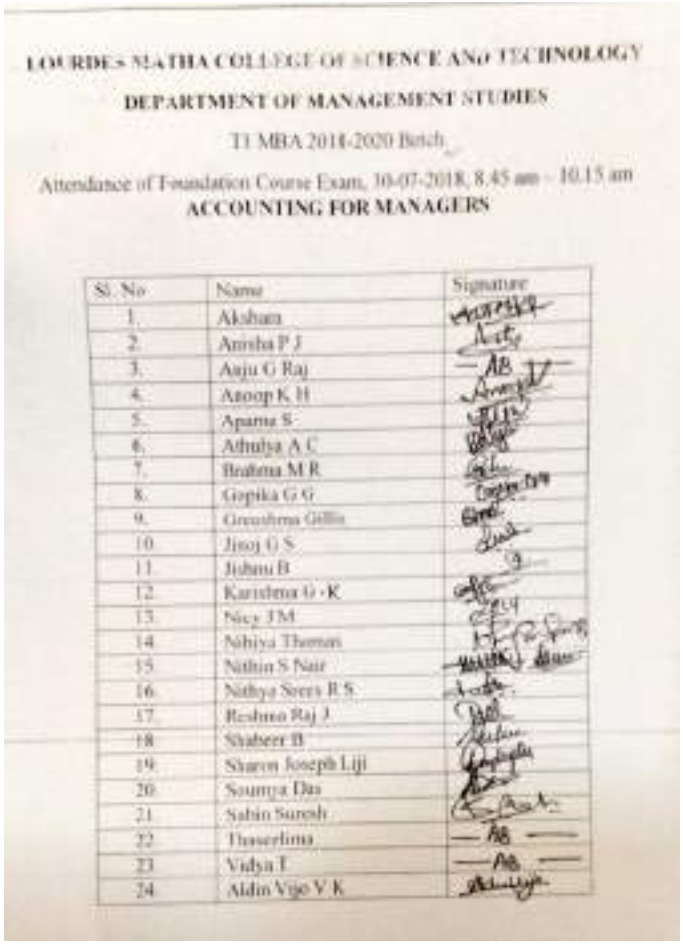
PRINCIPAL

SUMMARY

Transition from school to university/college life is one of the most challenging events in a student's life. Currently, precious little is done by most institutions, except for an orientation program lasting a couple of days. Student Induction is designed to help in the whole process.There will be a one week long induction program for the UG students entering the institution,right at the start. Normal classes start only after the induction program is over. Purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, set a healthy daily routine, help them build bonds with other students and faculty members, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature and expose them to a sense of larger purpose and self exploration. These would range from issues of national and international significance, ethics, sports and physical exercises, community service, sketching, artwork, and many more.

ADDON COURSE 9
Name of the program : ADDON COURSE FOR BEGINNERS -MBA
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MANAGEMENT STUDIES

T1 MBA 2018-2020 Batch

Attendance of Foundation Course Exam, 30-07-2018, 8.45 am – 10.15 am

ACCOUNTING FOR MANAGERS

Sl. No	Name	Signature
1.	Akshara	
2.	Amisha P J	
3.	Anju G Raj	AB
4.	Anoop K H	
5.	Aparna S	
6.	Athulya A C	
7.	Brahma M R	
8.	Gopika G G	
9.	Greeshma Gillis	
10.	Jinoj G S	
11.	Juhnu B	
12.	Karishma G ·K	
13.	Nicy J M	
14.	Nihiya Thomas	
15.	Nithin S Nair	
16.	Nithya Srees R S	
17.	Reshma Raj J	
18.	Shabeer B	
19.	Sharon Joseph Liji	
20.	Soumya Das	
21.	Sabin Suresh	
22.	Thaserima	AB
23.	Vidya T	AB
24.	Aldin Viju V K	

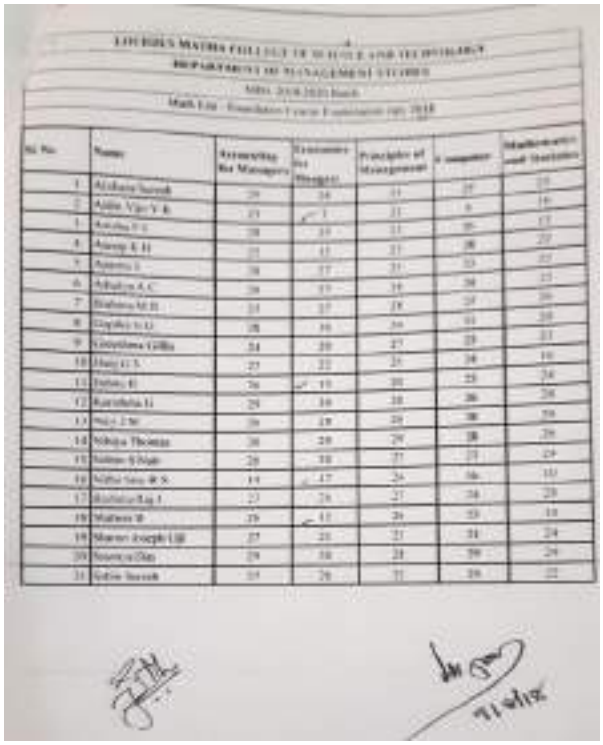
Curriculum

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF MANAGEMENT STUDIES
TI MBA TIME TABLE - FOUNDATION COURSE (2018 - 20 Batch)
(With effect from 25-06-2018)

Day/Time	8.30 am to 9.35 am	9.35 am to 10.40 am	TEA BREAK	10.50 am to 12.00 pm	LUNCH BREAK	12.50 pm to 1.50 pm	1.50 pm to 2.50 pm	3.00 to 4.00 pm
Monday	MANAGEMENT(SN)	COMPUTER(J)		MANAGEMENT(SN)		MATHS(SB)	MATHS(SB)	BCA
Tuesday	MATHS(SB)	MATHS(SB)		ACCOUNTANCY(HS)		ACCOUNTANCY(HS)	ECONOMICS(DrAJ)	BCA
Wednesday	BCA			BCA		COMPUTER(TJ)		ECONOMICS(DrAJ)
Thursday	ACCOUNTANCY(HS)			MANAGEMENT(SN)		BCA	MATHS(SB)	BCA
Friday	COMPUTER(TJ)	BCA		BCA		ECONOMICS(DrAJ)	ECONOMICS(DrAJ)	MANAGEMENT(SN)

Dr. K. Sameera Pillai



PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

Assessment procedure year wise

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

SUMMARY

Transition from school to university/college life is one of the most challenging events in a student's life. Currently, precious little is done by most institutions, except for an orientation program lasting a couple of days. Student Induction is designed to help in the whole process.There will be a one week long induction program for the UG students entering the institution,right at the start. Normal classes start only after the induction program is over. Purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, set a healthy daily routine, help them build bonds with other students and faculty members, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature and expose them to a sense of larger purpose and self exploration. These would range from issues of national and international significance, ethics, sports and physical exercises, community service, sketching, artwork, and many more.

ADDON COURSE 10

Name of the program : ADDON COURSE - PYTHON PROGRAMMING AND DATABASE CONCEPTS

Duration : 30 hrs

List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Infy TQ Certification

Course Name: Foundation Course - Python Programming and Database Systems
Duration : 72 hours
No. of Students Enrolled: 11
Faculty In Charge: Ms. Christy Joby
Period of Course: Jul-19

Students Enrolled

Sl. No	Name	Class	Date of Exam	Centre
1	Flenin Moses George	S6 CSE A	22nd July 2019	Marian Engg. College
2	Karthiko B G	S6 CSE A	23rd July 2019	Marian Engg. College
3	Karthik Parameswaran	S6 CSE A	24th July 2019	Marian Engg. College
4	Sibiya Sara Sunil	S6 CSE A	25th July 2019	Marian Engg. College
5	Prajotsna	S6 CSE A	26th July 2019	Marian Engg. College
6	Sangeetha	S6 CSE A	27th July 2019	Marian Engg. College
7	Seoraj D S	S6 CSE A	28th July 2019	Marian Engg. College
8	Rahul J J	S6 CSE A	29th July 2019	Marian Engg. College
9	Alan Frederick	S6 CSE A	30th July 2019	Marian Engg. College
10	Daniel C G	S6 CSE B	31st July 2019	Marian Engg. College
11	Arun Kumar	S6 CSE B	32nd July 2019	Marian Engg. College

HOD, CSE

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

Curriculum

ADD ON COURSE ON MODE 1:PYTHON PROGRAMMING AND DATABASE CONCEPTS

Sl.No	Item	Details	Remarks
1	Batch id *	2018-651-01	Identify the batch id as shown in the portal
2	College Name *	Lourdes Matha College of Science and Technology	College Name will appear on certificate as mentioned in this
3	Name of the authorized signatory *	Dr. V. Syam Prakash	The name of the authorized signatory will appear on
4	Title/Role of the authorized signatory *	Principal	The Title/Role of the authorized signatory will
5	Contact Number of the authorized signatory *	0472 2853550	Mobile/Telephone Number(10 digits) of the authorized
6	Program Start Date *	4/16/2018	FP batch start date is a required field
7	Program End Date *	8/31/2018	FP batch end date is a required field
8	FP Assessment done ONLINE using	Moodle	Specify the utility used
9	Objective and Hands-on QP Reviewed (y/n)	Yes	If not, pl. state the reasons and steps ahead
10	Question Papers hosted with Infosys POC	Yes	If not, pl. arrange the same before this sheet is mailed
11	Batch Size (i.e no students in this batch)	34	Minimum of size 50 at closure
12	Total hours of course delivery *	92 ✓	Should be between 105 - 120 hours

MODULES		
MODULE	DELIVERY HOURS	DESIRED DELIVERY HOURS
MODULE1 : Programming Fundamentals	25	17
MODULE-2: Database Fundamentals	18	12
MODULE-3: Python Database Integration	11	6
MODULE-4: Object Oriented Programming using Python	19	15
MODULE-5: Advanced Database Concepts	19	15

SL.NO	Name	Department	Courses Handled
2	ANJANA J	MCA	MODULE 2 & 5
2	RENETHA JB	CSE	MODULE 1,3 & 4

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.

Infosys | Campus Connect

Certificate of Completion

This is to certify that

DIVYA S

(Roll No. **25**) has successfully completed the

Foundation Program

under the aegis of the Infosys Campus Connect Program at

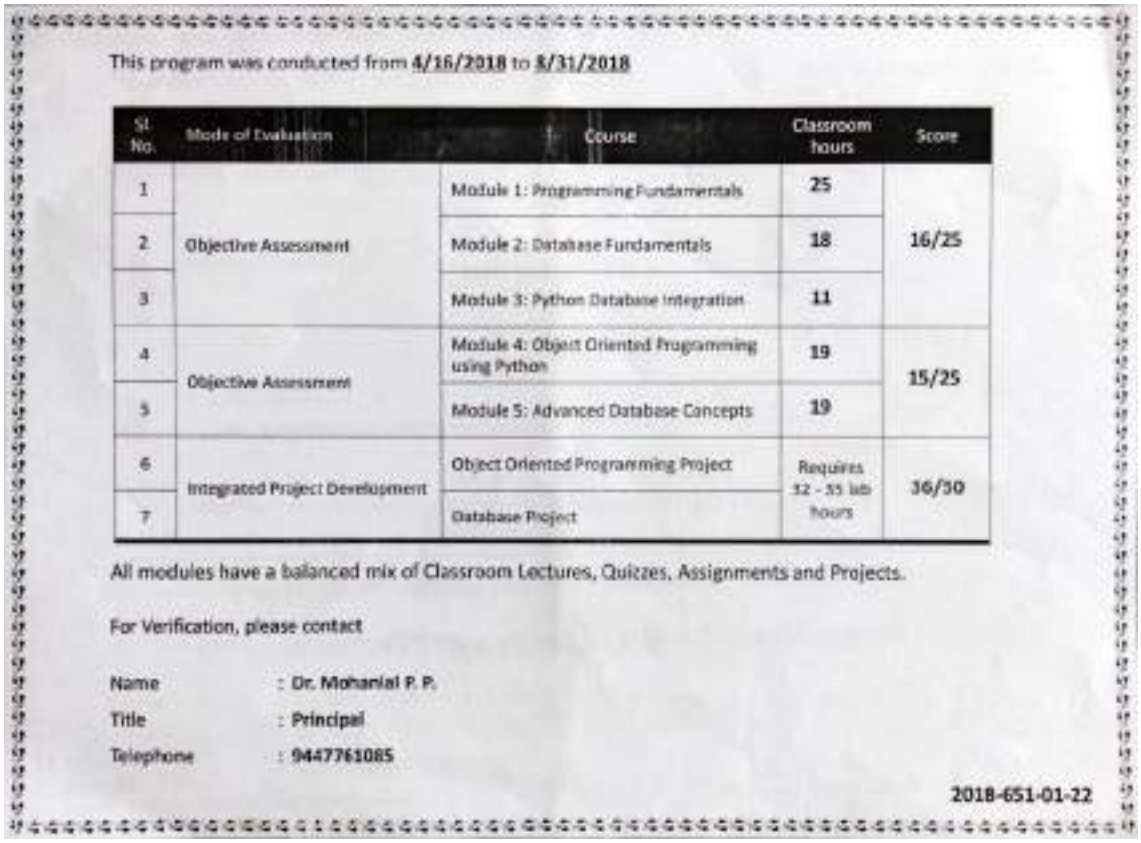
Lourdes Matha College of Science and Technology

Thirumala Archi
Vice President & Head - Education, Training & Assessment,
Infosys Limited

Sundar KS
Associate Vice President & Head - Campus Connect,
Education, Training & Assessment, Infosys Limited

Assessment procedures year-wise :

PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Kunnil Hills, Kuttichal P.O



This program was conducted from 4/16/2018 to 8/31/2018

Sl. No.	Mode of Evaluation	Course	Classroom hours	Score
1	Objective Assessment	Module 1: Programming Fundamentals	25	16/25
2		Module 2: Database Fundamentals	18	
3		Module 3: Python Database Integration	11	
4	Objective Assessment	Module 4: Object Oriented Programming using Python	19	15/25
5		Module 5: Advanced Database Concepts	19	
6	Integrated Project Development	Object Oriented Programming Project	Requires 52 - 55 lab hours	36/50
7		Database Project		

All modules have a balanced mix of Classroom Lectures, Quizzes, Assignments and Projects.

For Verification, please contact

Name : Dr. Mohanlal P. P.
Title : Principal
Telephone : 9447761085

2018-651-01-22

Summary Report

Python is an interpreted high-level general-purpose programming language. Its design philosophy emphasizes code readability with its use of significant indentation. Its language constructs as well as its object-oriented approach aim to help programmers write clear, logical code for small and large-scale projects.This add on course was useful to the students in the following ways:

1.Students were able to understand why Python is a useful scripting language for developers.
2. To acquire knowledge and programming skills in python to solve problems in different domains.
3. Students learnt how to design and program Python applications.

PRINCIPAL

ADDON COURSE 11

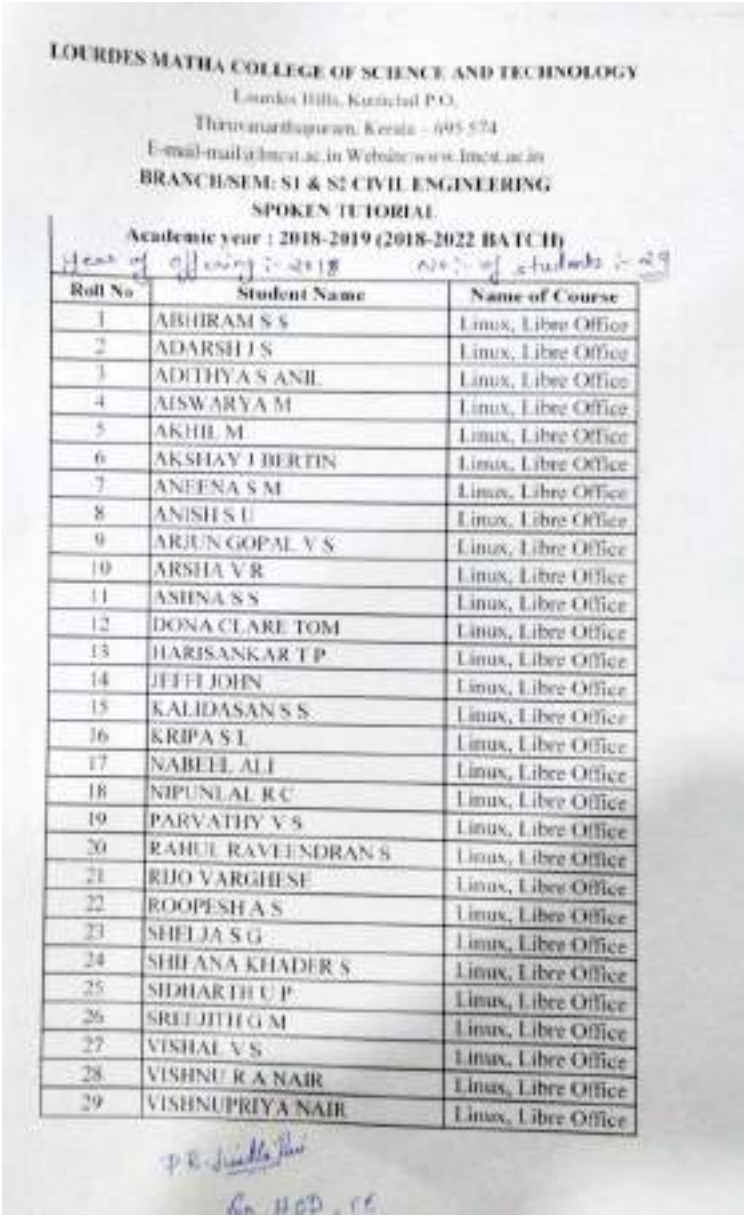
Name of the program : LINUX, LIBRE OFFICE

Duration : 30 hrs

List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry



LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kunichal P.O.

Thiruvananthapuram, Kerala - 695 574

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

BRANCH/SEM: S1 & S2 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2018-2019 (2018-2022 BATCH)

Year of offering :- 2018 No:- of students :- 29

Roll No	Student Name	Name of Course
1	ABHIRAM S S	Linux, Libre Office
2	ADARSH J S	Linux, Libre Office
3	ADITHYA S ANIL	Linux, Libre Office
4	AISWARYA M	Linux, Libre Office
5	AKHIL M	Linux, Libre Office
6	AKSHAY J BERTIN	Linux, Libre Office
7	ANEENA S M	Linux, Libre Office
8	ANISH S U	Linux, Libre Office
9	ARJUN GOPAL V S	Linux, Libre Office
10	ARSHA V R	Linux, Libre Office
11	ASHNA S S	Linux, Libre Office
12	DONA CLARE TOM	Linux, Libre Office
13	HARISANKAR T P	Linux, Libre Office
14	JEFFI JOHN	Linux, Libre Office
15	KALIDASAN S S	Linux, Libre Office
16	KRIPA S L	Linux, Libre Office
17	NABEEL ALI	Linux, Libre Office
18	NIPUNLAL R C	Linux, Libre Office
19	PARVATHY V S	Linux, Libre Office
20	RAHUL RAVEENDRAN S	Linux, Libre Office
21	RIJO VARGHESE	Linux, Libre Office
22	ROOPESH A S	Linux, Libre Office
23	SHELJA S G	Linux, Libre Office
24	SHIFANA KHADER S	Linux, Libre Office
25	SIDHARTH U P	Linux, Libre Office
26	SREEJITH G M	Linux, Libre Office
27	VISHAL V S	Linux, Libre Office
28	VISHNU R A NAIR	Linux, Libre Office
29	VISHNUPRIYA NAIR	Linux, Libre Office

P.R. [illegible]

Co. HOD - CE

Curriculum

Introduction to Linux

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourdes Hills, Kunichal P.O.

Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.

PRINCIPAL

- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

PRINCIPAL

ADDON COURSE 12

Name of the program : LATEX AND XFIG

Duration : 30 hrs

List of students enrolled (with signature of students)

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

BRANCH/SEM: S5 & S6 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2018-2019 (2016-2020 BATCH)

Year of offering : - 2018 Total no: of students :- 52

Rollno	Name	Name of Course
1	ADITYA SABU	Latex+Xfig
2	AISWARYA A S	Latex+Xfig
3	AJANYA R S	Latex+Xfig
4	AKASH ASOK	Latex+Xfig
5	AKHILA NAVAS	Latex+Xfig
6	AKHIL K RAJ	Latex+Xfig
7	AKHIL KRISHNA K S	Latex+Xfig
8	AKSHARA P S	Latex+Xfig
9	AKSHAYA V R	Latex+Xfig
11	AMAL SHA M B	Latex+Xfig
12	AMEENA K S	Latex+Xfig
13	ANANDHAN T N	Latex+Xfig
14	ANCHU ANIL	Latex+Xfig
15	ANGEL M S	Latex+Xfig
16	ANISHA THOMAS T A	Latex+Xfig
17	ANJANA ANIL	Latex+Xfig
18	ANJITHA S ANIL	Latex+Xfig
19	ANJITH V B	Latex+Xfig
20	ANOOP B VIJAY	Latex+Xfig
21	APARNA S J	Latex+Xfig
22	ARATHY M S	Latex+Xfig
23	ARAVIND R A	Latex+Xfig
24	ARYA ASHOK A R	Latex+Xfig
25	ASHIK S J	Latex+Xfig
26	ASWATHY A J	Latex+Xfig

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O

29	BABITHA R B	Latex+Xfig
30	BIJOY J M	Latex+Xfig
31	BHAGATH B S	Latex+Xfig
32	BIJIN V JOSEPH	Latex+Xfig
33	BINSA S B	Latex+Xfig
34	DEVU ANIL	Latex+Xfig
35	GOPIKA BABU B P	Latex+Xfig
36	GREESHMA RAJ J R	Latex+Xfig
37	JITHIN JAYARAJ	Latex+Xfig
38	JOFFY JAMES	Latex+Xfig
39	LIJO G C	Latex+Xfig
40	MIDHUNA B S	Latex+Xfig
41	NAYANA KRISHNAN	Latex+Xfig
42	NINY SAM	Latex+Xfig
43	NIRMAL S	Latex+Xfig
44	PARVATHY M M	Latex+Xfig
45	REMYA M	Latex+Xfig
46	RESHMA CHANDRAN B	Latex+Xfig
47	RESHMA S	Latex+Xfig
48	SALU R	Latex+Xfig
49	SHAFINA KHADER S	Latex+Xfig
50	SOBIN SCARIA	Latex+Xfig
51	SUJIN SUDHAKAR V S	Latex+Xfig
52	VARSHA V J	Latex+Xfig
53	VISWAJITH M K	Latex+Xfig
54	VYSAKH S J	Latex+Xfig
55	JHANSI S R BALAKRISHNAN	Latex+Xfig

Curriculum

Xfig is an interactive drawing tool which runs under X Window System on most UNIX-compatible platforms, including Mac OS X and any X server under Microsoft Windows.

PRINCIPAL

In Xfig, figures may be drawn using objects such as circles, boxes, lines, spline curves, text, etc. It is also possible to import images in formats such as GIF, JPEG, EPS, etc. Those objects can be created, deleted, moved or modified. Attributes such as colors or line styles can be selected in various ways. For text, many fonts are available.

A three button mouse is recommended to work with Xfig, although, one/two button mouse can also be configured to work with Xfig.

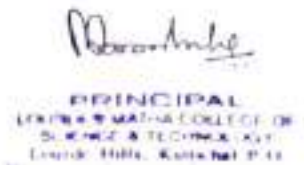
It is possible to embed LaTeX mathematical formulae in block diagrams created using Xfig.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

Xfig is a free and open source vector graphics editor. In this add-on course on Xfig, students learned to draw figures using objects such as circles, boxes, lines, spline curves, text, etc. ... and used in LaTeX and other documents. Useful for UG/PG students, faculty and research scholars.



LOURDES MATHA
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ADDON COURSE 13

Name of the program : OPENFOAM

Duration : 30 hrs

List of students enrolled (with signature of students)

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
Lourdes Hills, Kottichal P.O,
Thiruvananthapuram, Kerala – 695 574
E-mail-mail@lmcst.ac.in Website www.lmcst.ac.in
BRANCH/SEM: S3 & S4 CIVIL ENGINEERING
SPOKEN TUTORIAL
Academic year : 2018-2019 (2017-2021 BATCH)
Year of offering : - 2018 No. of students : - 50

Roll No	Student Name	Name of Course
1	Abhirami.B	Open FOAM
2	Adarsh. V S	Open FOAM
3	Adhithya S. D	Open FOAM
4	Agan S A	Open FOAM
5	Aiswarya BC	Open FOAM
6	AJINRAJ J A	Open FOAM
7	Akhil Sujith	Open FOAM
8	Akshaykrishnan M. S	Open FOAM
9	Alfin M.S	Open FOAM
10	Anakha S Chandran	Open FOAM
11	Ananathanunni B. S	Open FOAM
12	Anishma A S	Open FOAM
13	Anupama M. K	Open FOAM
14	Anushma P R	Open FOAM
15	Aswathy A.S	Open FOAM
16	Aswin A S	Open FOAM
17	Devadath AG	Open FOAM
18	Fathima Razla S.S	Open FOAM
19	G.P Akash	Open FOAM
20	Gokul.G.T	Open FOAM
21	GOWRI C.S	Open FOAM
22	Grace Sophia S	Open FOAM
23	Greeshma K	Open FOAM
24	Harishankar. M. A	Open FOAM

PRINCIPAL

25		
26	Jestin Mathew	Open FOAM
27	Jijin Raj	Open FOAM
28	Jisha G S	Open FOAM
29	Jithin T Abraham	Open FOAM
30	Krishna A R	Open FOAM
31	Meenakshi S	Open FOAM
32	Mohammad Anes	Open FOAM
33	Nandagopal R	Open FOAM
34	Naveen N K	Open FOAM
35	Nikhil M J	Open FOAM
36	Parvathy V A	Open FOAM
37	R Sreelekshmy	Open FOAM
38	Rahul Nair	Open FOAM
39	Rahul R	Open FOAM
40	Ramanath.A.R	Open FOAM
41	Ravisankar J S	Open FOAM
42	Renjith B J	Open FOAM
43	S. Aarabhi	Open FOAM
44	Sangeetha.S.S	Open FOAM
45	Sona Navas S	Open FOAM
46	Sravya Raman	Open FOAM
47	Sruthi.A.S	Open FOAM
48	Sunith V S	Open FOAM
49	Trishna S Suresh	Open FOAM
50	VANIRAJ MITRA. L	Open FOAM
	Vishnu. A	Open FOAM

for HOD, EC

PRINCIPAL

Curriculum

OpenFOAM is a C++ toolbox for the development of customized numerical solvers, and pre-/post-processing utilities for the solution of continuum mechanics problems, most prominently including computational fluid dynamics (CFD).
OpenFOAM is the leading free, open source software for computational fluid dynamics (CFD), owned by the OpenFOAM Foundation and distributed exclusively under the General Public Licence (GPL). The GPL gives users the freedom to modify and redistribute the software and a guarantee of continued free use, within the terms of the licence.OpenFOAM has an extensive range of features to solve anything from complex fluid flows involving chemical reactions, turbulence and heat transfer, to acoustics, solid mechanics and electromagnetics.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

OpenFOAM is the leading free, open source software for computational fluid dynamics (CFD), owned by the OpenFOAM Foundation and distributed exclusively under the General Public Licence (GPL).

This add on course helped the students to:

- Comfortably use free OpenFoam software to solve fluid dynamics problems
- Refresh on background of Computational Fluid Dynamics
- Do step-by-step customisation of geometry and meshing prior to the simulation

PRINCIPAL

- Easily create custom script for fast and efficient post-processing

ADDON COURSE 14
Name of the program : BLENDER
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
Lourdes Hills, Kuttichal P.O,
Thiruvananthapuram, Kerala – 695 574
E-mail-mail@lmcst.ac.in Website:www.lmcst.ac.in

BRANCH/SEM: S7 & S8 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2018-2019 (2015-2019 BATCH)

year of offering :- 2018 No:- of students :- 49

Roll No	Student Name	Name of Course
1	ABHIJITH R	Blender
2	ADARSH JAMES S	Blender
3	ADITH GOPAN	Blender
4	ADITHYA M K	Blender
5	AISWARYA S	Blender
6	ALBIN ANTONY	Blender
7	AMARJITH LAL S N	Blender
8	AMARNADH C	Blender
9	AMITH KURIAKOSE	Blender
10	ANANTHA KRISHNAN B S	Blender
11	ARJUN S D	Blender
12	ARUN RAJ R S	Blender
13	ARUNIMA S S	Blender
14	ASWIN P	Blender
15	ATHIRA P S	Blender
16	AYSWARIA RAJ S	Blender
17	BHARATH V G	Blender
18	EVAN G ELAVUANKAL	Blender
19	FATHIMA SUBAIR	Blender
20	FRAMIN FRANCIS	Blender
21	GAUTHAM J	Blender
22	GRACE JACOB	Blender

PRINCIPAL

CURRICULUM

Blender is a free open source 3D graphics application, available under the GNU General Public License for the Linux, Mac OS X, FreeBSD, OpenBSD and Microsoft Windows operating systems.

This course uses open-source 3D animation tool Blender, to create a sustainable solution for animation skill development. The course has 4 weeks of content, which cover the basics of modelling, texturing, and lighting.

The course comprises slow paced video tutorials, quizzes, activities, and hands-on assignments. During the course learners will create 3D models of simple objects. The course uses video tutorials to explain the concepts and the software process required to create these objects. Course tutorials enable the learners to apply these concepts and create similar/new objects.

This course focuses only on modeling of non-organic objects (not covering character modeling).

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

Summary Report

Blender is a free open source 3D graphics application, available under the GNU General Public License for the Linux, Mac OS X, FreeBSD, OpenBSD and Microsoft Windows operating systems. The students who completed this course understood the following features:

- 3D modeling
- UV unwrapping
- Texturing, rigging, water and smoke simulations
- Skinning, animating, rendering, particle and other simulations
- Creating interactive 3D applications, video games, animated films, or visual effects.

ADDON COURSE 15
Name of the program : C
Duration : 30 hrs
List of students enrolled (with signature of students)

STUDENT NAME	**Score**
ALEX C	62.5% - Certificate
SWATHI KRISHNA S	40.0% - Certificate
SAMYUKTHA GANESH	25.0
GOPIKA GOPAN	40.0% - Certificate
JOEL JOY	52.5% - Certificate

PRINCIPAL

ANANDU J A	40.0% - Certificate

Curriculum

Powerful features, simple syntax, and portability make C a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

This course covers:

- Basics of C
- Variable Declaration, Definition and Scope:
- Data Types:
- Storage Classes:
- Input/Output:
- Operators:
- Preprocessor:
- Arrays & Strings

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

This C programming course provides a comprehensive introduction to the ANSI C language, emphasizing portability and structured design. Students are introduced to all major language elements including fundamental data types, flow control, and standard function libraries.

PRINCIPAL

Thorough treatment is given to the topics of string and character manipulation, dynamic memory allocation, standard I/O, macro definition, and the C runtime library. The C training course explains the use of aggregate structures, unions, and pointers early on so the students can practice extensively in the hands on labs. Structured programming constructs and varargs functions are also covered. Emphasis is given to the processing of command line arguments and environment variables so students will be able to write flexible, user-friendly programs. The course also includes coverage of portability tips drawn from experienced programmers working in production environments. Comprehensive hands on exercises are integrated throughout to reinforce learning and develop real competency.

2017-2018

ADDON COURSE 1
Name of the program : ADDON COURSE **-CPP**
Duration : 30 hrs
List of students enrolled (with signature of students)

Enrolled Students	Certificate
SOORAJ D S	65.0% - Certificate
SAVIO MATHEW	57.5% - Certificate
SIBBYA SARA SUNIL	57.5% - Certificate
HONEY SUNNY	35.0

ADITHYAN S	60.0% - Certificate
ROSHAN JAMES	37.5
PRAJOTSNA P	75.0% - Certificate
FLEMIN MOSES GEORGE	62.5% - Certificate
MIDHUN B SAM	37.5
KARTHIK PARAMESWARAN	77.5% - Certificate
AKHIL GOPAL	30.0
AJAY SEBASTAIN	27.5
PAVIN PALAS P S	57.5% - Certificate
ARAVIND V V	55.0% - Certificate
SRUTHI L	35.0
REENU JUDE GABRIELLA LEONARD	57.5% - Certificate
RAHUL J J	62.5% - Certificate
RIZANA S SUBAIR	22.5

PRINCIPAL

VISHNU S NAIR	67.5% - Certificate
SWATHY S	72.5% - Certificate
NIHANA F S	47.5% - Certificate
ANANTHA SANKAR R	57.5% - Certificate
ARUN KUMAR R	65.0% - Certificate
PARVATHY NANDAN N	27.5
JOBY V JOHN	35.0
CHRISTY JOHNSON	45.0% - Certificate
ADITHYA S	45.0% - Certificate
SARAN SUNDAESAN MADHAVAN	62.5% - Certificate
DANIEL C G	47.5% - Certificate
JILCE ABRAHAM	60.0% - Certificate
DONA MATHEW	75.0% - Certificate

PRINCIPAL

ABHILASH B NAIR	45.0% - Certificate
NAZEEHA S	40.0% - Certificate
GAVIN JANVAR DERIC	60.0% - Certificate
KURIAN VARGHESE	62.5% - Certificate
ADHITH P RAJ	57.5% - Certificate
GOKUL ANAND A B	55.0% - Certificate
VAISHAK S	50.0% - Certificate
MANU KRISHNA S R	57.5% - Certificate
ANUPAMA S H	47.5% - Certificate
AMAL JOSEPH	37.5
GOKUL P N	62.5% - Certificate
DIVYA CLEMENT	35.0
FREJY THANKACHAN	60.0% - Certificate

PRINCIPAL

MOHAMMED KHALIS	80.0% - Certificate
JAIVIN JACOB	90.0% - Certificate
M PARVATHI	52.5% - Certificate
ALAN FREDERICK	67.5% - Certificate
ATHIRA V C	62.5% - Certificate
SRUTHI S	30.0
SURYA S RAJ	10.0
SUNUMOL S S	37.5
SUKANYA SUDHARSANA	27.5
ANJITHA UDAYAN	17.5
ADARSH S	50.0% - Certificate
BINCY S B	32.5
SARATH M K	40.0% - Certificate
LEKSHMIV S	47.5% - Certificate

PRINCIPAL

ARYA UDAY	15.0
ATHIRA M S	17.5
NEETHU R NAIR	45.0% - Certificate
HARSHITH A S	62.5% - Certificate
ABHISHEK SHANKER	67.5% - Certificate
AARATHI B	62.5% - Certificate
ABHIJESH R CHANDRAN	62.5% - Certificate
AKHIL KRISHNAN G	45.0% - Certificate
AMAL R	62.5% - Certificate
AMAL J S	62.5% - Certificate
AMRITHA G	80.0% - Certificate
AMRITHA M S	52.5% - Certificate
ANAND S B	57.5% - Certificate

PRINCIPAL

ANAND U K	47.5% - Certificate
ANISH ALEX MATHEWS	55.0% - Certificate
ANJANA A SHAJI	80.0% - Certificate
ANJANA SUSAN ALEX	45.0% - Certificate
ANJITH S	57.5% - Certificate
ANN SUSAN ALEX	25.0
ARATHY G K NAIR	75.0% - Certificate
ARAVIND M	62.5% - Certificate
ARAVIND A S	57.5% - Certificate
ASHISH JOSEPH V B	87.5% - Certificate
ASHNA M PAUL	57.5% - Certificate
CILU SUSAN THOMAS	47.5% - Certificate
DARSANA P	57.5% - Certificate

PRINCIPAL

GOKUL P NAIR	67.5% - Certificate
GOPIKA KRISHNAN Y	62.5% - Certificate
GOVIND S KUMAR	82.5% - Certificate
GOWRI R NAIR	62.5% - Certificate
HARIKRISHNAN V	67.5% - Certificate
IRINE H VARGHESE	50.0% - Certificate
JASMIN A R	67.5% - Certificate
JAZIR S	50.0% - Certificate
JOBIN SEBASTAIN	70.0% - Certificate
K SOUMYA	75.0% - Certificate
KAVERI V S	45.0% - Certificate
LAKSHMI L	72.5% - Certificate
LEKSHMI A S	52.5% - Certificate

PRINCIPAL

MARIAMMA KURIAKOSE	80.0% - Certificate
MIDHUN V NATH	70.0% - Certificate
NEERAJA RADHAKRISHNAN	60.0% - Certificate
RAJATH KRISHNAN	52.5% - Certificate
S SURYA NARAYANAN	45.0% - Certificate
SHANE THOMAS	75.0% - Certificate
SHEETHAL R NAIR	27.5
SREELAKSHMI G BHAT	67.5% - Certificate
SUSAN ELIZABET ABRAHAM	27.5
SWATHY C S	42.5% - Certificate
POOJA V R	50.0% - Certificate
JOBIN PETER S	57.5% - Certificate
SUMI S	52.5% - Certificate

PRINCIPAL

AKASH R S	52.5% - Certificate
OMAR SHERIF	62.5% - Certificate
ARAVIND KRISHNA.M	52.5% - Certificate
SOORYA S J	25.0
NEENU SREEKUMAR	45.0% - Certificate
SHINI T R	55.0% - Certificate
SATHYA MURUGESAN	30.0
ASWATHY MOHAN K	60.0% - Certificate
SHARIKA S	52.5% - Certificate
EDWININ SAJI	52.5% - Certificate
ANJANA C S	32.5
THASLIMA SHA	35.0

PRINCIPAL

Curriculum

Powerful features, simple syntax, and portability make C a preferred language among programmers for business and industrial applications. C language is widely used in the development of operating systems.

C++ is a programming language developed by Bjarne Stroustrup starting in 1979 at Bell Labs. C++ is a statically typed, free-form, multi-paradigm, compiled, general-purpose, powerful programming language. C++ is an object oriented language. It supports features like classes and objects, Polymorphism, Encapsulation, Inheritance etc. C++ is also used for hardware design.

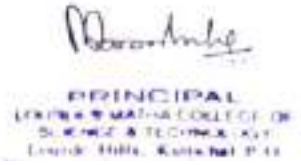
The Spoken Tutorial effort for C and C++ was led by Ashwini Patil from IIT BOMBAY. Professor Uday Khedker from IIT BOMBAY had initially guided the team and vetted the Course Outline. He had proposed to teach C and C++ in a single course since both share the same basic syntax and almost all of C's operators, keywords and constructs are also present in C++.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

C++ is the feature of object-oriented programming which includes concepts like classes, inheritance, polymorphism, data abstraction and encapsulation that allow code reusability and makes a program even more reliable. The key benefits from the course were:



- Students learned the feature of portability that allows them to develop codes without caring about the hardware.
- C++ Basics. Built-in Types, Arrays and Pointers. Comments, Keywords, I/O Streams. Built-in Operators and Control Constructs. ...
- C++ Functions. Definition and Prototypes. Inline Functions.
- Structures and References.

ADDON COURSE 2

Name of the program : ADDON COURSE -LIBRE OFFICE SUITE CALC

Duration : 30 hrs

List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

Lourdes Hills, Kuttichal P.O,
Thiruvananthapuram, Kerala – 695 574
E-mail-mail@lmcst.ac.in Website:www.lmcst.ac.in

BRANCH/SEM: S1 & S2 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2017-2018 (2017-2021 BATCH)

50

Year of offering :- 2017 , No:- of students :- 50

Roll No	Student Name	Name of Course
1	Abhirami.B	Linux, Libre Office
2	Adarsh .V.S	Linux, Libre Office
3	Adhithya S. D	Linux, Libre Office
4	Agan S A	Linux, Libre Office
5	Aiswarya BC	Linux, Libre Office
6	AJINRAJ J A	Linux, Libre Office
7	Akhil Sujith	Linux, Libre Office
8	Akshaykrishnan M. S	Linux, Libre Office
9	Alfin M.S	Linux, Libre Office
10	Anakha S Chandran	Linux, Libre Office
11	Ananathanunni B. S	Linux, Libre Office
12	Anishma A.S	Linux, Libre Office
13	Anupama M. K	Linux, Libre Office
14	Anushma P R	Linux, Libre Office
15	Aswathy.A.S	Linux, Libre Office
16	Aswin A S	Linux, Libre Office
17	Devadath AG	Linux, Libre Office
18	Fathima Razla.S.S	Linux, Libre Office
19	G.P Akash	Linux, Libre Office
20	Gokul.G.T	Linux, Libre Office
21	GOWRI.C.S	Linux, Libre Office
22	Grace Sophia S	Linux, Libre Office
23	Greeshma K	Linux, Libre Office

PRINCIPAL

24	Harishankar. M. A	Linux, Libre Office
25	Jestin Mathew	Linux, Libre Office
26	Jijin Raj	Linux, Libre Office
27	Jisha G.S	Linux, Libre Office
28	Jithin T Abraham	Linux, Libre Office
29	Krishna A. R	Linux, Libre Office
30	Meenakshi. S	Linux, Libre Office
31	Mohammad Anes	Linux, Libre Office
32	Nandagopal.R	Linux, Libre Office
33	Naveen N K	Linux, Libre Office
34	Nikhil M J	Linux, Libre Office
35	Parvathy V A	Linux, Libre Office
36	R.Sreelekshmy	Linux, Libre Office
37	Rahul Nair	Linux, Libre Office
38	Rahul R	Linux, Libre Office
39	Ramanath.A.R	Linux, Libre Office
40	Ravisankar J S	Linux, Libre Office
41	Renjith B. J	Linux, Libre Office
42	S. Aarabhi	Linux, Libre Office
43	Sangeetha S.S	Linux, Libre Office
44	Sona Navas S	Linux, Libre Office
45	Sravya Raman	Linux, Libre Office
46	Sruthi.A.S.	Linux, Libre Office
47	Sunith V S	Linux, Libre Office
48	Trishna S Suresh	Linux, Libre Office
49	VANIRAJ MITRA. L	Linux, Libre Office
50	Vishnu. A	Linux, Libre Office

P.R. Santha Devi
for HOD i/c

PRINCIPAL

Curriculum

LibreOffice Base is the database front-end of the LibreOffice Suite. Base is the equivalent of Microsoft Access. Base is free and open source software, free of cost and free to use and distribute. With Base, we can store organized data.

- Perform data entries and view data using forms.
- Retrieve information using queries.
- Design and generate reports.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

LibreOffice Base is the database front-end of the LibreOffice Suite. Base is the equivalent of Microsoft Access. Base is free and open source software, free of cost and free to use and distribute. This add on course introduced the students to the basics of LibreOffice Base and taught them how to:

- Perform data entries and view data using forms.
- Retrieve information using queries.
- Design and generate reports.

ADDON COURSE 3
Name of the program : ADDON COURSE - LINUX

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

Duration : 30 hrs
List of students enrolled (with signature of students)

Enrolled Student	Score
ABIN ANTONY	54.4% - Certificate
K.KARISHMA KARTHIK	44.4% - Certificate
AKSHAY V NAIR	41.1% - Certificate
JOFFIN THOMAS	
RAVI SANKAR S	40.0% - Certificate
VIPIN. M	46.7% - Certificate
VIVEK S	36.7
ATHUL SOJI	45.6% - Certificate
RAHUL V S	42.2% - Certificate
GOKUL R S	40.0% - Certificate
SANJU. S STEPHEN	32.2
PRANOY JOSE	41.1% - Certificate

PRINCIPAL

SACHIN GANESH	37.8
ADARSH M S	47.8% - Certificate
MERVIN J O VARGHESE	
VARGHESE MATHEW	50.0% - Certificate
SAJIN KUMAR S	50.0% - Certificate
HARIKRISHNAN M S	51.1% - Certificate
JOBY JO G S	
SURESH P J	40.0% - Certificate
SREERAJ P	41.1% - Certificate
ASWIN R S	53.3% - Certificate
ATHUL B S	45.6% - Certificate
KAPIL C	34.4
NIDHIN G S	41.1% - Certificate

PRINCIPAL

ROSHAN SALIM	41.1% - Certificate
SUVIN S KUMAR	15.6
ASIHAB M	46.7% - Certificate
ABHINAND B S	
NIKHIL MON PHILIP	50.0% - Certificate
DEVADUTT V S	31.1
ARAVIND A S	42.2% - Certificate
GOKUL KRISHNAN R B	53.3% - Certificate
BESTIN BENEDICT	58.9% - Certificate
RICHU JOHNSON	51.1% - Certificate
ALAN SAJI	32.2
AMAL V V	51.1% - Certificate
AKHIL SHAJAHAN	41.1% - Certificate
JIKKU GEORGE	

PRINCIPAL

BIROL M THOMAS	41.1% - Certificate
ADARSH J	43.3% - Certificate
VIJAYA KRISHNAN M R	44.4% - Certificate
BENNO S JOSHUA	41.1% - Certificate
ANEESH SAMUEL V C	33.3
BINEESH WJ	40.0% - Certificate
SOORAJ S PILLAI	24.4
AKHIL VINOD	53.3% - Certificate
JITHIN HL	38.9
ROBIN SUNNY	54.4% - Certificate
AJIL LAL	40.0% - Certificate
ABHIJITH A S	46.7% - Certificate
VISHNU MV	41.1% - Certificate
KIRAN KL	20.0

PRINCIPAL

LIBIN CHANDRAN	36.7
MITHUN SS	30.0
AKASH CHANDRAN	41.1% - Certificate
ABHIRAM KRIISHNAN	30.0
ASWANTH S V	66.7% - Certificate

Curriculum

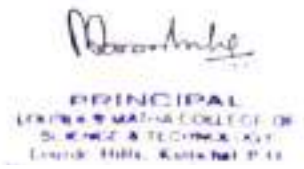
Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and



above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

ADDON COURSE 4
Name of the program : ADDON COURSE FOR BEGINNERS MCA
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Foundation Programme (MCA Lateral Entry (2017 Admission)

Sl. No.	Admission No.	Name of student	Signature	
			16/8/17	Test 21/8/17
1	2016/MCA/LE/008	VEENA R		
2	2016/MCA/LE/009	GOUTHAM S		
3	2016/MCA/LE/010	MUNEERSHA R L		
4	2016/MCA/LE/011	GOWRI VIJAYAN B		
5	2016/MCA/LE/012	RESHMA L R		
6	2016/MCA/LE/013	NABIYA RAJENDRAN		
7	2016/MCA/LE/014	ARUNJITH R S		
8	2016/MCA/LE/015	JIJI J L		
9	2016/MCA/LE/016	SIVAKAMI T		
10	2016/MCA/LE/017	JASMINE JOSEPH		
11	2016/MCA/LE/018	CLAUDIOUS NEOL MANUEL		
12	2016/MCA/LE/019	MINNU SAMUEL		
13	2016/MCA/LE/021	DIVYA S	A	A
14	2016/MCA/LE/022	AZEEF A R		
15	2016/MCA/LE/023	ADARSH A		
16	2016/MCA/LE/024	RAHUL R		
17	2016/MCA/LE/025	SHAHEER S S	A	A
18	2016/MCA/LE/026	AJAY JUDE UNNI	A	A
19	2016/MCA/LE/027	ANJALI M L		
20	2016/MCA/LE/028	MALU M S	A	
21	2016/MCA/LE/029	TONY J OLICKEL		
22	2016/MCA/LE/030	AISWARYA S R	A	A

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Cheriyakadavu, Kattachal P.O.

PRINCIPAL

RDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Test on Orientation Programme
Date :..21/8/17../MCA Regular 2017 Batch)

Bridge Course - 2017 (Test details)

	Admission No.	Name Of Student	Signature
	2017/MCA/001	AISWARYA R NAIR	Aiswarya
	2017/MCA/002	SHEENA S L	A
	2017/MCA/003	CHAITHANYA P	Chaithanya
	2017/MCA/005	POOJA ANIL	Pooja
	2017/MCA/007	JAYAKRISHNAN J U	A

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COLLEGE OF SCIENCE & TECHNOLOGY
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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
Foundation Programme /MCA Lateral Entry (2017 Admission)

Sl. No.	Admission No.	Name of student	Signature 16/8/17	Signature Test 21/8/17
1	2016/MCA/LE/008	VEENA B	[signature]	[signature]
2	2016/MCA/LE/009	GOUTHAM S	[signature]	[signature]
3	2016/MCA/LE/010	MUNEERSHA B L	[signature]	[signature]
4	2016/MCA/LE/011	GOWRI VIJAYAN B	[signature]	[signature]
5	2016/MCA/LE/012	RESHMA L R	[signature]	[signature]
6	2016/MCA/LE/013	NADIYA RAJENDRAN	[signature]	[signature]
7	2016/MCA/LE/014	ARUNJITH R S	[signature]	[signature]
8	2016/MCA/LE/015	JIJI J L	[signature]	[signature]
9	2016/MCA/LE/016	SIVAKAMI T	[signature]	[signature]
10	2016/MCA/LE/017	JASMINE JOSEPH	[signature]	[signature]
11	2016/MCA/LE/018	CLAUDIOUS NEOL MANUEL	[signature]	[signature]
12	2016/MCA/LE/019	MINNU SAMUEL	Minnu Samuel	Minnu Samuel
13	2016/MCA/LE/021	DIVYA S	A	A
14	2016/MCA/LE/022	AZEEF A H	[signature]	[signature]
15	2016/MCA/LE/023	ADARSH A	[signature]	[signature]
16	2016/MCA/LE/024	RAHUL R	[signature]	[signature]
17	2016/MCA/LE/025	SHAHEER S S	A	A
18	2016/MCA/LE/026	AJAY JUDE UNNI	A	A
19	2016/MCA/LE/027	ANJALI M L	[signature]	[signature]
20	2016/MCA/LE/028	MALU M S	A	[signature]
21	2016/MCA/LE/029	TONY J OLICKEL	[signature]	[signature]
22	2016/MCA/LE/030	AISWARYA S R	A	A

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kottachal P.O.

Curriculum

PRINCIPAL

ADD-ON COURSE FOR BEGINNERS
BRIDGE COURSE-MCA-2017-20 BATCH

	Date	Time	Topic	Name of Faculty
Day1	16/8/17	8.30 am-10.15 am	Basic Programming Concepts	Prof.Priya S.A
	10.15 am-10.30 am		COFFEE BREAK	
	16/8/17	10.30 am-12.15 Pm	Operating System	Prof.Krishna L
	12.15 pm-1.15pm		LUNCH BREAK	
	16/8/17	1.15 Pm-2.15 Pm	Data Structures	Prof.Asha Chandran
	2.15 pm-2.30 pm		TEA BREAK	
	16/8/17	2.30 pm-3.30 pm	Discrete Mathematics	Prof.Maya G S Thankachy
	16/8/17	3.30 pm-5 pm	Lab-OOP	Prof.Priya S.A
Day2	17/8/17	8.30 am-10.15 am	Networking	Prof.Justin G Russel
	10.15 am-10.30 am		COFFEE BREAK	
	17/8/17	10.30 am-12.15 pm	DBMS-Basics	Prof.Anjana J
	12.15 pm-1.15pm		LUNCH BREAK	
	17/8/17	1.15 Pm-2.15 Pm	Probability & Statistics	Prof.Nisha R.S
	2.15 pm-2.30 pm		TEA BREAK	
	17/8/17	2.30 pm-3.30 pm	Probability & Statistics	Prof.Nisha R.S
	17/8/17	3.30 pm-5 pm	Lab-DBMS	Prof.Anjana J
Day3	18/8/17	8.30 am-10.15 am	Digital Fundamentals	Prof.Bismi .K.Charleys
	10.15 am-10.30 am		COFFEE BREAK	
	18/8/17	10.30 am-11.30 am	Software Engineering	Prof.Priya S.A
	18/8/17	11.30 am-12.15 pm	Principles of Management	Prof.Sherin Joseph
	12.15 pm-1.15pm		LUNCH BREAK	
	18/8/17	1.15 Pm-2.15 Pm	Computer Organization &	Prof.Asha Chandran
	2.15 pm-2.30 pm		TEA BREAK	
	18/8/17	2.30 pm-3.30 pm	Computer Organization &	Prof.Asha Chandran
	18/8/17	3.30 pm-5 pm	Haefware Assembling-Demo	Ms.Ramya Krishnan
Day4	21/8/2017	8.30 am-10.15 am	DBMS-LAB	Prof.Anjana J
	10.15 am-10.30 am		COFFEE BREAK	
	21/8/2017	10.30 am-12.15 am	Training(Communication,Aptitude,	Placement Cell
	12.15 pm-1.15pm		LUNCH BREAK	
	21/8/2017	1.15 Pm-2.15 Pm	Programming Lab(OOP & DS)	Prof.Priya S.A,Sherin Joseph
	2.15 pm-2.30 pm		TEA BREAK	
	21/8/2017	2.30 PM-5 PM	EXAM	

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Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

Orientation program for beginners begins before classes start. This is to ensure that the students take-off fully motivated and prepared in the right mode and direction with their studies.The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.The students were introduced to basic topics in programming and softwares so that they could get an idea about the course. This add-on course for the beginners was very useful for the students because it helped them to get the right direction and guidance in enrolling for classes.

ADDON COURSE 5
Name of the program : ADDON COURSE - NON-DESTRUCTIVE TESTING
Duration : 30 hrs
List of students enrolled (with signature of students)

ENROLLED STUDENTS
AMBAREESH VISWANATHAN

PRINCIPAL

ANEESH SAMUEL V C
ARAVIND A S
ASHKAR MUHAMMAD A
ASIHAB M
ASWANTH S V
ASWIN R S
ATHUL B S
ATHUL SOJI
BENNO S JOSHUA
BESTIN BENEDICT
BIROL M THOMAS
LANCE MATHEW
EJAS AHAMMED M
AJO TOM JOHN
BIGIN BIJU
JUSTIN THOMAS
SHABIN ABOOBACKER SAIT
NANDA KUMAR S
VINSHAJ S
JERIN JOSEPH
JIBIN JOSEPH

PRINCIPAL

S VISHNU NARAYAN
ALEN THOMAS
AKSHAY M
AROMAL L A
MIDHUN M
AJAY MOHAN RAJ
S M GANESH
RAHUL A S
SOORAJ S
VISHNU VIJAYAN B
ADERSH U S
ASHISH S D
KEVIN THOMAS MATHEW
DANIMON M

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LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

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 U.G and five P.G. programmes in Engineering and Technology including MBA and MCA. The institute is ISO 9001:2008 certified for its quality education and has active IEEE and ISTE chapter.

DEPARTMENT OF MECHANICAL ENGINEERING

The department of Mechanical Engineering was established in the year 2005, offering U.G programmes with an intake capacity of 90. The mission of Mechanical Engineering department is to provide a broad, rigorous, application - oriented and contemporary understanding of Mechanical Engineering that prepares graduates for successful career and long life learning.

Venue: Conference Hall & Mechanical Engineering Lab, LMCST

CONVENOR

Prof. Sabarinath A R
HOD (ME)
LMCST, Kuttichal

FOR ANY QUERIES

Prof. Niyas Salim (Co-ordinator)
Mob: +91- 9846232941
Email: niyas.salim@lmcst.ac.in

Prof. Resmi V Prasad (Co-ordinator)
Mob: +91- 9495865437
Email: resmi.prasad@lmcst.ac.in

Mr. Aneesh C.B.
Manager
United NDT Training & Inspection Centre
Mob: +91- 9645201072
Email: aneeshunitedndt@gmail.com

STUDENT INTERNSHIP PROGRAMME
ON

Non - Destructive Testing (NDT)

10th to 14th JULY, 2017

Organised by
Department of Mechanical Engineering
Lourdes Matha College of Science & Technology

In Association with

UNITED NDT TRAINING & INSPECTION CENTRE
An ISO 9001 : 2008 Certified Institution

Lourdes Matha College of Science & Technology
Lourdes Hills, Kuttichal, Trivandrum - 695 574
Phone no. 0472 2853330, 2853682, 2853646
Visit us at: www.lmcst.ac.in
E-mail: mail@lmcst.ac.in

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Lourdes Hills, Kuttichal P.O.

CNC & NDT Pgms.

"Non-Destructive Testing" from 10th to 14th July 2017. It was for the Third, Fifth and Seventh semester B.Tech Mechanical Engineering Students. The resource person of the internship programme was Mr. Aneesh C B. 54 students participated in the internship out of which 18 students were from other colleges. Prize money was distributed to the top students after conducting exams every session.

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Curriculum

Non-destructive testing (NDT) is used across industries to ensure product integrity and reliability; it is used in the aerospace, defense, oil and gas, and automotive sectors. This course provides students a synopsis of non-destructive and destructive evaluation methods that are used in evaluation of welds. This includes understanding the basic principles of various NDT methods,fundamentals, discontinuities in different product forms, importance of NDT, applications, limitations of NDT methods and techniques and codes, standards and specifications related to non-destructive testing technology. Students also will be introduced to relevantquality assurance and quality control requirements in accordance with ASQ, ASME, and ANSI standards.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

The following were the key aspects of the add on course:

- Understanding the basic principles of various NDT methods
- Fundamentals, discontinuities in different product forms
- Applications, limitations of NDT methods and techniques
- Codes, standards and specifications related to non-destructive testing technology.
- Students were introduced to relevant quality assurance and quality control requirements in accordance with ASQ,ASME,and ANSI standards.

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ADDON COURSE 6

Name of the program : ADDON COURSE - CNC PART PROGRAMMING AND HANDS-ON MACHINE TRAINING

Duration : 30 hrs

List of students enrolled (with signature of students)

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Managed by Archdiocese of Changanacherry

STUDENT INTERNSHIP PROGRAMME ON
CNC PART PROGRAMMING & HANDS-ON
MACHINE TRAINING.

NAME	SEMESTER & BATCH	ROLL No	SIGNATURE
1. Anakha S.J	S5, ME		
2. Lekshmi V.L	S5, ME		
3. Megha M.C	S5, ME		
4. Adil Kumar S	S5, ME		
5. Ajay Dev P.U	S5, ME		
6. Jithin V.L	S5, ME		
7. Abhijith S	S5, ME		
8. Ajay Krishnan S.M	S5, ME		
9. Albin Joseph	S5, ME		
10. Narayan Roy	S5, ME		
11. Nithin C. Jijiu	S7, ME		
12. Mangal M.S	S7, ME		
13. Abin C. Jose	S7 ME		
14. Don Mathew	S7 ME		
15. Arun K Roy	S7 ME		
16. Joel James	S7 ME		
17. Sreeraj P	S3 ME		
18. Pranoy Jose	S3 ME		
19. Aja Tom John	S5 ME		
20. Aravind B	S5 ME		

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DEPARTMENT OF MECHANICAL ENGINEERING

The department of Mechanical Engineering was established in the year 2005, offering UG programmes with an intake capacity of 90. The mission of Mechanical Engineering department is to provide a broad, rigorous, application - oriented and contemporary understanding of Mechanical Engineering that prepares graduates for successful career and long life learning.

Venue: Conference Hall/CAD LAB & CNC Machine Lab, LMCST

CONVENOR

Prof. Saburinath A R
Head of Department (ME)
LMCST, Kattakal

RESOURCE PERSON

Prof. Vipin Gopan
Head of Department (ME)
Trinity College of Engineering
Mob: +91 - 8891716248

FOR ANY QUERIES

Prof. Sajith Krishnan R (Co-ordinator)
Mob: +91- 8281648856
Email: sajith.krishnan@lmcst.ac.in

Prof. Indu R (Co-ordinator)
Mob: +91- 9447780035
Email: indu.r@lmcst.ac.in

Keep in touch

STUDENT INTERNSHIP PROGRAMME ON

CNC PART PROGRAMMING & HANDS-ON MACHINE TRAINING

27th - 29th July, 31st July, 1st August, 2015

Organized by

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
Lourdes Hills, Kuttichal, Thiruvananthapuram - 695 574, Kerala.

Certificate of Completion

This is to certify that

Mr. Abhijith S

has successfully completed 5 day student internship programme on

CNC Part Programming and Hands-on Machine Training

organized by Department of Mechanical Engineering held at Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram on 27th, 28th, 29th, 31st July and 1st August 2017.

Sajith Krishnan R /
Indu R
Co-ordinator

Sabarinath A R
Convenor

Dr. V Syam Prakash
Principal

VERIFY AUTHENTICITY
Scan QR Code and mail Certificate ID to
mechanical@lourdesmatha.edu

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Lourdes Hills, Kuttichal P.O.

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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
CNC PART PROGRAMMING AND HANDS-ON MACHINE TRAINING
FEEDBACK FORM

Please select the rating for the each section based on the following criteria:

5=excellent 4=good 3=average 2=fair 1=poor

Please rate the trainer on the following:

1. Knowledge of the subject matter. ☑5 ☐4 ☐3 ☐2 ☐1
2. Ability to explain and illustrate concepts. ☑5 ☐4 ☐3 ☐2 ☐1
3. Ability to answer questions completely. ☑5 ☐4 ☐3 ☐2 ☐1

Please rate the content and structure of the training:

4. The usefulness of the information received in training. ☑5 ☐4 ☐3 ☐2 ☐1
5. The structure of the training session(s). ☑5 ☐4 ☐3 ☐2 ☐1
6. The pace of the training session(s). ☑5 ☐4 ☐3 ☐2 ☐1
7. The convenience of the training schedule. ☑5 ☐4 ☐3 ☐2 ☐1
8. The usefulness of the training materials. ☑5 ☐4 ☐3 ☐2 ☐1
9. Was this training appropriate for your level of experience? ☑Yes ☐No

If you said "No" to #9, please explain:

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Curriculum

The manufacturing industry relies heavily on computer-numerical control (CNC) machining, including operations that once used engineer-operated equipment like routers, shaping machines, vertical millers and centre lathes. The many CNC machine advantages mean operator-required equipment has in some cases been replaced entirely. Manufacturers of many types across many industries choose the advantages of CNC machining for their fabrication and manufacturing applications. It provides *efficient, expedient and precise* production capacity ideal for creating large quantities of items.

The course will start with a *basic introduction about Numerical control*, its history & how it had been introduced in the modern industry. Then will discuss about various types of *popular CNC machines* in the industry. And finally we will learn about the basics of CNC programming which will include programming format explaining different types of codes as such G code, M code, S,D,F and many more. Then we will get to know the most *simplest & precise way of writing a CNC program* with complete coding. Then we will discuss about two popular approach in CNC programming that is absolute & incremental mode. And finally we will write a complete program involving everything we have learned & even more.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

The course started with a *basic introduction about Numerical control*, its history & how it had been introduced in the modern industry. Then there were discussions about various types of *popular CNC machines* in the industry. Students learnt about the basics of CNC programming which included

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programming format explaining different types of codes as such G code, M code, S,D,F and many more. They were also introduced to the most *simplest & precise way of writing a CNC program* with complete coding. Two popular approaches in CNC programming that is absolute & incremental mode was also taught to the students.

ADDON COURSE 7

Name of the program : ADDON COURSE - AUTOCAD

Duration : 30 hrs

List of students enrolled (with signature of students)

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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

ADD ON PROGRAM

AUTOCAD-2017

BATCH : CE 2013-2017

Duration : 28 days

Dates : 21/06/2017 - 29/07/2017

Venue : Internet lab, LMCST

Autodesk - 27/7/2017 (20hrs
AutoCad - 30/6/2017 (20hrs)

SL NO	NAME OF STUDENT	COURSE CONDUCTED
1	ABHIJITH M	AutoCAD, Revit arch/structure, STAAD, Primavera
2	AJAY M G	AutoCAD, Revit arch/structure, STAAD, Primavera
3	AKHIL A MATHEWS	AutoCAD, Revit arch/structure, STAAD, Primavera
4	AMAL S M	AutoCAD, Revit arch/structure, STAAD, Primavera
5	ARAVIND M	AutoCAD, Revit arch/structure, STAAD, Primavera
6	ARJUN D S	AutoCAD, Revit arch/structure, STAAD, Primavera
7	AVANEETH P NAIR	AutoCAD, Revit arch/structure, STAAD, Primavera
8	DHANEESH S S	AutoCAD, Revit arch/structure, STAAD, Primavera
9	DILEEP M S	AutoCAD, Revit arch/structure, STAAD, Primavera
10	EBIN MATHEW PAUL	AutoCAD, Revit arch/structure, STAAD, Primavera
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12	JINUJA S V	AutoCAD, Revit arch/structure, STAAD, Primavera
13	KEERTHI LAL	AutoCAD, Revit arch/structure, STAAD, Primavera
14	NOEL WILFRED VARGHESE	AutoCAD, Revit arch/structure, STAAD, Primavera
15	POOJA M VIJAY	AutoCAD, Revit arch/structure, STAAD, Primavera
16	SAJITH C A	AutoCAD, Revit arch/structure, STAAD, Primavera
17	SARANYA S KUMAR	AutoCAD, Revit arch/structure, STAAD, Primavera
18	SHAAN ZACHARIA	AutoCAD, Revit arch/structure, STAAD, Primavera
19	SHANOF N A	AutoCAD, Revit arch/structure, STAAD, Primavera
20	SREEJITH S	AutoCAD, Revit arch/structure, STAAD, Primavera
21	SULAK S L	AutoCAD, Revit arch/structure, STAAD, Primavera
22	VAISHNA B PRABHAKAR	AutoCAD, Revit arch/structure, STAAD, Primavera
23	VINEESH S S	AutoCAD, Revit arch/structure, STAAD, Primavera
24	VISHNU R V	AutoCAD, Revit arch/structure, STAAD, Primavera

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Lourde Hills, Kottathal P.O.

Curriculum

Our AutoCAD course curriculum teaches you how to draw accurate models, insert notes and labels, and create formal design plans using AutoCAD software. The course preps you for the Autodesk AutoCAD Certified User Certification Exam, an industry-recognized certification of your skills in computer-aided design and drafting.

Drawing Software and Constructing Basic Shapes
In this lesson, you'll learn to create new drawings, edit and erase lines, and identify the tools on the toolbar. You'll also learn to create shapes and modify lines with an understanding of linetypes.

By the end of this course, you'll be able to do the following:

- Create and edit drawings.
- Identify essential commands and AutoCAD tools.
- Define linetypes.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

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Certificate of Completion

Congratulations!

Pooja M Vijay
Name

AUTOCAD 2017 — AutoCAD
Course Title — Product

Sabu S Nair — 2017-06-30 — 30 hours
Instructor — Date — Course Duration

InterCAD Systems (Pvt) - Trivandrum
Autodesk Authorized Training Center

AUTODESK.

Carl Bass
President, Chief Executive Officer

Summary Report

The following areas were covered in this course:

- Use the functions and commands of AutoCAD software to create, save, and print drawings that make use of multiple lines, geometric shapes, and curves.
- Locate and apply the many features of AutoCAD that automate the drafting process and facilitate the creation of more accurate drawings in less time than traditional drafting methods.
- Locate and apply the features of AutoCAD that provide for the accurate addition of dimensions, tolerances, and drawing notes and labels using symbols and placements recognized by multiple standards organizations.

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- Use the functions and commands of AutoCAD software to create isometric and three-dimensional drawings and models.

ADDON COURSE 8

Name of the program : ADDON COURSE - REVIT ARCH/STRUCTURE

Duration : 30 hrs

List of students enrolled (with signature of students)

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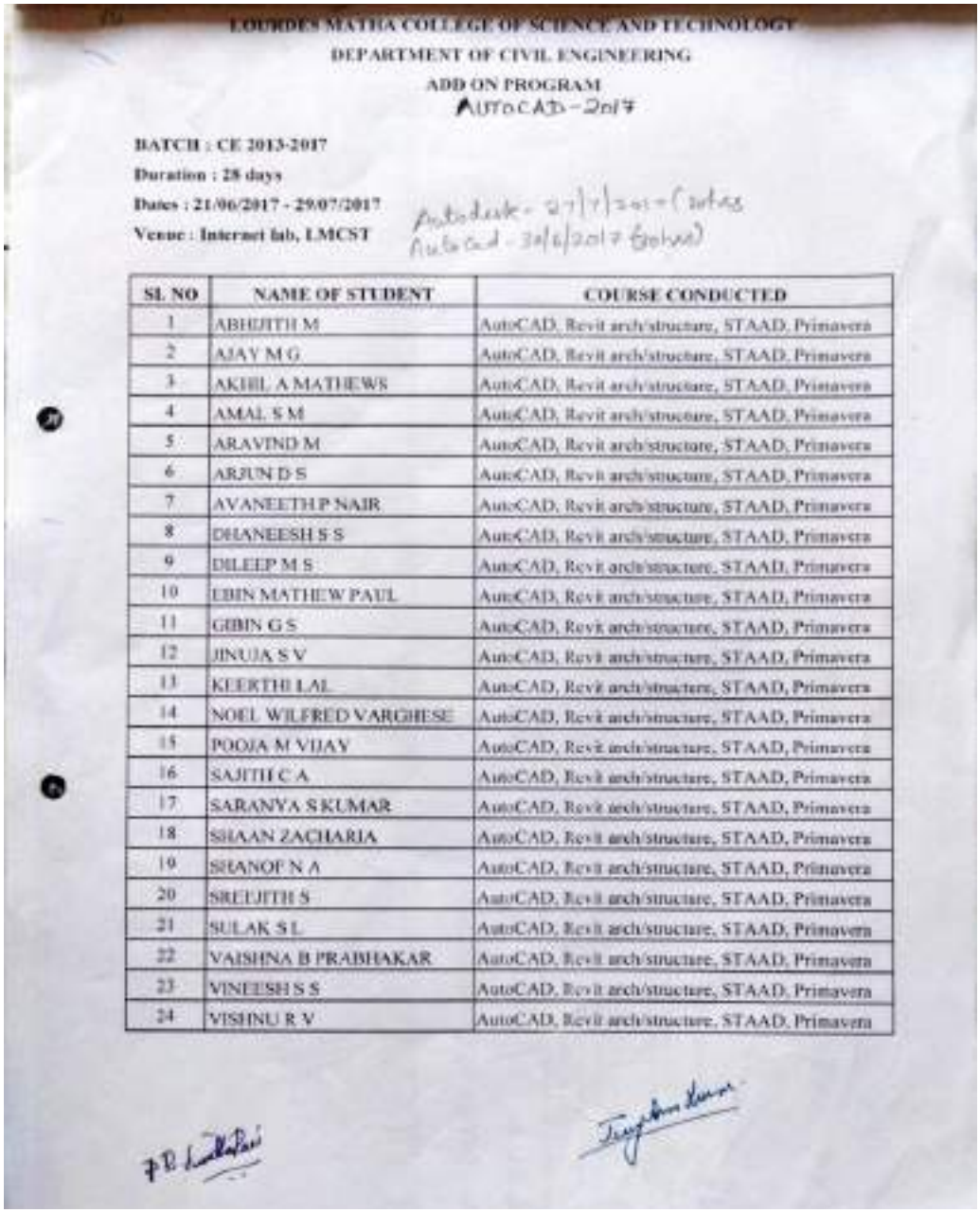

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

ADD ON PROGRAM

AUTOCAD-2017

BATCH : CE 2013-2017

Duration : 28 days

Dates : 21/06/2017 - 29/07/2017

Venue : Internet lab, LMCST

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AutoCad - 30/6/2017 (20hrs)

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Curriculum

INTRODUCTION TO REVIT

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Autodesk Revit is a building information modeling software for architects, landscape architects, structural engineers, mechanical, electrical, and plumbing (MEP) engineers, designers, and contractors.

Use Revit building design software for every phase of your project, from concept to visualization. With BIM tools, capture and communicate concepts and precise design intent. Revit® features for BIM, the intelligent model-based method for planning, designing, constructing, and managing buildings and infrastructure. Revit supports multidiscipline design collaboration.

Revit Architecture features include Generative Design, Parametric components, Worksharing, Schedules, Interoperability and IFC, Add-ins, Annotation, Dynamo for Revit, and Global parameters. Other features include Conceptual design tools, Analysis with Insight, Architectural modeling, Point cloud tools, 3D design visualization, Multistory stairs, and Cloud rendering.

Revit BIM software offers structural engineers the tools they need to design building and infrastructure projects. With Revit Structure, you can do concrete reinforcement, Design-to-steel workflows, Design documentation, and Structural Analysis. Revit Structural engineering and fabrication features include Physical and analytical model, Reinforcement detailing, Structural steel modeling, Structural documentation, Bi-directional linking with analysis, Linking with concrete fabrication, Dynamo for structural engineering, and Linking with steel fabrication.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.

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- No negative marking
- Answer all the questions, don't leave out any.

Certificate of Completion

Congratulations!

Pooja M Vijay
Name

AUTOCAD 2017 — AutoCAD
Course Title — Product

Sabu S Nair — 2017-08-30 — 30 hours
Instructor — Date — Course Duration

InterCAD Systems (Pvt) - Trivandrum
Autodesk Authorized Training Center

AUTODESK.

Carl Bass
President, Chief Executive Officer

Summary Report

This add on course covered the following topics:

- Student will learn to develop higher-quality, more accurate architectural designs; use tools specifically built to support Building Information Modeling workflows.

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- Students will learn to capture and analyze concepts, and maintain your vision through design, documentation, and construction.
- Students will learn to do building element energy analysis; use the API to perform pipe/duct calculations; perform static analysis from the cloud; create/manage the structural analytical model; automatically update your model with analysis results; and improve BIM-based building performance workflows.
- Student will learn to scan Revit model for collisions between elements; work with multiple users and save their work to a central file; collaborate on shared models across a WAN; streamline data management; and work from remote locations using a local server.
- Student will learn to dock dialogs in a single window; more easily model, edit, and document designs; place air terminal devices on duct faces; restrict angles for pipe, duct, and cable tray; cap open ends of pipe or duct content quickly; rebar placement constraints customization; gain control over rebar placement; and get more rebar options when modeling.
- Student will learn to crop non-rectangular model areas faster; easily manage elevation cut-line configuration; automatically display dimension values; annotate multiple elements with a single tag; define geometry and position for beams and braces; get greater control of schedule formatting; derive construction insight from design models; calculate/track detailed material quantities, display totals in current or load values, and create details from views of a 3D model**.**

ADDON COURSE 9
Name of the program : ADDON COURSE - STADD
Duration : 30 hrs
List of students enrolled (with signature of students)

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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

ADD ON PROGRAM

AUTOCAD-2017

BATCH : CE 2013-2017

Duration : 28 days

Dates : 21/06/2017 - 29/07/2017

Venue : Internet lab, LMCST

Autodesk - 27/7/2017 (20hrs
AutoCad - 30/6/2017 (20hrs)

SL NO	NAME OF STUDENT	COURSE CONDUCTED
1	ABHIJITH M	AutoCAD, Revit arch/structure, STAAD, Primavera
2	AJAY M G	AutoCAD, Revit arch/structure, STAAD, Primavera
3	AKHIL A MATHEWS	AutoCAD, Revit arch/structure, STAAD, Primavera
4	AMAL S M	AutoCAD, Revit arch/structure, STAAD, Primavera
5	ARAVIND M	AutoCAD, Revit arch/structure, STAAD, Primavera
6	ARJUN D S	AutoCAD, Revit arch/structure, STAAD, Primavera
7	AVANEETH P NAIR	AutoCAD, Revit arch/structure, STAAD, Primavera
8	DHANEESH S S	AutoCAD, Revit arch/structure, STAAD, Primavera
9	DILEEP M S	AutoCAD, Revit arch/structure, STAAD, Primavera
10	EBIN MATHEW PAUL	AutoCAD, Revit arch/structure, STAAD, Primavera
11	GIBIN G S	AutoCAD, Revit arch/structure, STAAD, Primavera
12	JINUJA S V	AutoCAD, Revit arch/structure, STAAD, Primavera
13	KEERTHI LAL	AutoCAD, Revit arch/structure, STAAD, Primavera
14	NOEL WILFRED VARGHESE	AutoCAD, Revit arch/structure, STAAD, Primavera
15	POOJA M VIJAY	AutoCAD, Revit arch/structure, STAAD, Primavera
16	SAJITH C A	AutoCAD, Revit arch/structure, STAAD, Primavera
17	SARANYA S KUMAR	AutoCAD, Revit arch/structure, STAAD, Primavera
18	SHAAN ZACHARIA	AutoCAD, Revit arch/structure, STAAD, Primavera
19	SHANOF N A	AutoCAD, Revit arch/structure, STAAD, Primavera
20	SREEJITH S	AutoCAD, Revit arch/structure, STAAD, Primavera
21	SULAK S L	AutoCAD, Revit arch/structure, STAAD, Primavera
22	VAISHNA B PRABHAKAR	AutoCAD, Revit arch/structure, STAAD, Primavera
23	VINEESH S S	AutoCAD, Revit arch/structure, STAAD, Primavera
24	VISHNU R V	AutoCAD, Revit arch/structure, STAAD, Primavera

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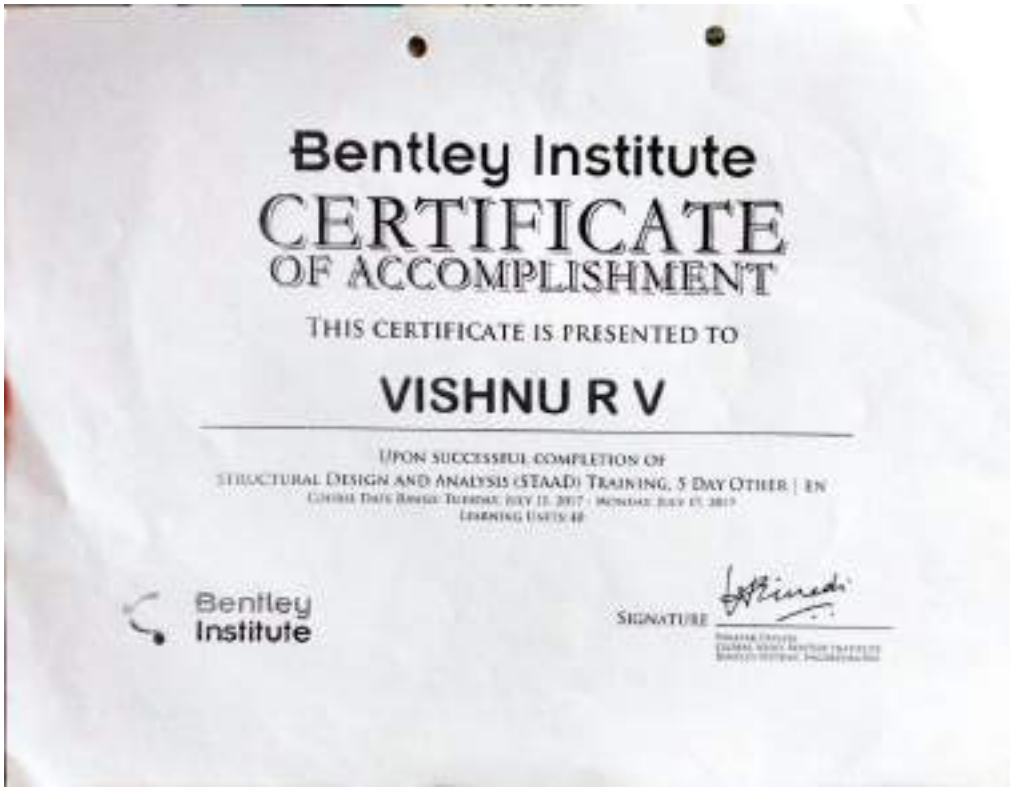
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kottachal P.O.



Bentley Institute

CERTIFICATE
OF ACCOMPLISHMENT

THIS CERTIFICATE IS PRESENTED TO

VISHNU R V

UPON SUCCESSFUL COMPLETION OF
STRUCTURAL DESIGN AND ANALYSIS (STAAD) TRAINING, 5 DAY OTHER | EN

Bentley Institute

SIGNATURE

Curriculum

STAAD.Pro is the professional's choice for steel, concrete, timber, aluminum and cold- formed steel design of virtually any structure including culverts, petrochemical plants, tunnels, bridges, piles and much more**.**

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking

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- Answer all the questions, don't leave out any.

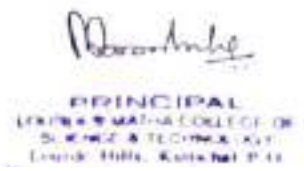
Summary Report

STAAD Pro helps structural engineers to automate their tasks by removing the tedious and long procedures of the manual methods. It allows civil engineers to analyze and design various types of structures on virtual platforms.
he course will cover all the steps involved in structural analysis & designing of concrete & steel.

This course will introduce one to STAAD.Pro's state of the art user interface, prevailing analysis and design engines with a sophisticated finite element (FEM), visualization tools, and dynamic analysis capabilities.

Some of the features that we focus in training include:

- Model Generation: Generation of an interactive menu-driven model with concurrent 3D display 2D & 3D graphics generation using rectangular or polar coordinate systems Segments of repetitive geometry used to generate complex structural models.
- Model Verification: 2D/3D drawings on screen and printer/plotter full 3D shapes for frames, elements Isometric or any rotations for full 3D viewing.
- Static Analysis: 2D/3D analysis on the basis of state-of-the-art Matrix method to handle extremely large work. Linear, non-linear, p-delta analysis with automatic load & stiffness correction.
- Dynamic/Seismic Analysis: Mass modeling, frequency, and mode shape Response spectrum extraction, analysis of time history Modal damping ratio for individual models.
- Secondary Analysis: Finite element capabilities, concrete design, steel design, and timber design. Forces & displacements at sections between nodes. Maximum & minimum force envelopes.
- Student will be able to complete object-oriented instinctive 2D/3D graphic model generation.



- Student will learn to use pull-down menus, tool-tip help, and floating toolbars.
- Student will be able for carrying out flexible zooms and multiple views.
- Student will know to make isometric & perspective views and 3D shapes.
- Student will know the use of simple command language and built-in command file editor.
- Student will learn how to generate graphics/text input.
- Student will be able to do efficient algorithm that will minimize disk space requirements.
- Student will learn to take presentation quality printer plots of geometry and results as part of the run output.
- Student will be able to perform accurate and numerically efficient plate/shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation; comprehensive element stress output including in-plane stresses, out-of-plane shear, bending & principal stresses at nodal, as well as, user-specified points.
- Student will learn how to achieve user-specified design parameters to customize a design.
- Student will know to perform code check, member selection and optimized member selection consisting of analysis/design cycles.
- Student will be able to design concrete beams/columns/slabs/footings as per all major international codes.

ADDON COURSE 10
Name of the program : PRIMAVERA
Duration : 30 hrs
List of students enrolled (with signature of students)

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LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

ADD ON PROGRAM

AUTOCAD-2017

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15	POOJA M VIJAY	AutoCAD, Revit arch/structure, STAAD, Primavera
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Lourde Hills, Kottathal P.O.

PRIMAVERA

CERTIFICATE OF COMPLETION

Akhil A Mathews

CT17061362-21

has successfully completed
a training program on

PRIMAVERA P6

7th July 2017

intercad systems pvt. ltd.

Curriculum

Primavera P6 is a project, program and portfolio management tool that is used for planning, managing and executing your project work. It is designed to handle large and small projects in a number of diverse industries, such as construction, manufacturing, energy, and IT. It's been doing so for more than 30 years in projects across the globe.

Primavera P6 can trace its origins to 1983 when it was first established under the name Primavera Systems. In the next 15 years, it would rapidly gain in popularity. By the late 90's, advancements in

PRINCIPAL

server technology drove the company to split Primavera systems into two versions of the software: a desktop application (which is preferred by contractors, suppliers and manufacturing companies) and a web-based enterprise option.

In 2008, Primavera Systems was bought out by Oracle, who then developed the tool into the version that is used today.

The modern incarnation sells itself as a tool to increase your efficiency when planning, which reduces the risk of schedule overruns. One way it purports to do this is by providing visibility into the work, so potential bottlenecks can be identified and resolved before they cause delays. It claims to work on projects of all sizes.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary report

Primavera is comprehensive, high performance, multi-project planning and control software. It is ideal for project intensive industries. Primavera helps organizations manage just about any type of portfolio. Primavera gives a multitude of ways to organize, filter and sort activities, projects, and resources.This add on course on Primavera helped the students to :

- Ability to create and manage project enterprise structure within Primavera P6 database

- Create project work breakdown structure
- Develop resource loaded or simple project schedule
- Manage the project time frame related constraints
- Estimate the required man-hours for various activities up to total project by resource assignment
- Updating the baseline program for monitoring slippage and delays
- Reporting critical tasks and developing various structured reports
- Organizing data by use of codes
- Linking other project data files to related project activities defined in Primavera P6.

ADDON COURSE 11

Name of the program : PYTHON PROGRAMMING AND DATABASE CONCEPTS

Duration : 30 hrs

List of students enrolled (with signature of students)

PRINCIPAL

MODE 1:PYTHON PROGRAMMING AND DATABASE CONCEPTS

PARTICIPATION DETAILS- MCA

SLNO	NAME	ROLL NO	BRANCH	SEMESTER
1	ARYA JAYAKUMAR	1	MCA	S4
2	CHAITHANYA GANESH	2	MCA	S4
3	SIKHA N	3	MCA	S4
4	NIKHIL PRAKASH	4	MCA	S4
5	EMILY V THOMAS	5	MCA	S4
6	ATHIRA A B	6	MCA	S4
7	VEENA R	7	MCA	S4
8	GOUTHAM S	8	MCA	S4
9	MUNEERSHA B L	9	MCA	S4
10	GOWRI VIJAYAN B	10	MCA	S4
11	RESHMA L R	11	MCA	S4
12	NADIYA RAJENDRAN	12	MCA	S4
13	ARUNJITH K B	13	MCA	S4
14	JUI J L	14	MCA	S4
15	SIVAKAMI T	15	MCA	S4
16	JASMINE JOSEPH	16	MCA	S4
17	CLAUDIOUS NEGIL MANUEL	17	MCA	S4
18	DIVYA S	18	MCA	S4
19	AZEEF A H	19	MCA	S4
20	ADARSH A	20	MCA	S4
21	RAHUL R	21	MCA	S4
22	SHAHEER S S	22	MCA	S4
23	AJAY JUDE UNNI	23	MCA	S4
24	ANJALI N L	24	MCA	S4
25	MALU M S	25	MCA	S4
26	ASWANIYA S B	26	MCA	S4
27	ASWANIYA R NAIR	1	MCA	S3
28	CHAITHANYA T	2	MCA	S3
29	JAYAKRISHNAN J U	3	MCA	S3
30	POOJA ANIL	4	MCA	S3
31	SHEENA S L	5	MCA	S3

Curriculum

Upon successfully completing this course, students will be able to “do something useful with Python”.

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

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The following topics were discussed.

- Introduction
- Functions, Booleans and Modules
- Sequences, Iteration and String Formatting
- Dictionaries, Sets, and Files
- Exceptions, Testing, Comprehensions
- Advanced Argument Passing, Lambda -- functions as objects
- Object Oriented Programming
- More OO -- Properties, Special methods
- Iterators, Iterables, and Generators
- Decorators, Context Managers, Regular Expressions, and Wrap Up

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary report

The following were the major areas covered in this add on program:

- Master the fundamentals of writing Python scripts.
- Learn core Python scripting elements such as variables and flow control structures.
- Discover how to work with lists and sequence data.
- Write Python functions to facilitate code reuse.
- Use Python to read and write files.

ADDON COURSE 12

Name of the program : ADDON COURSE -LATEX AND XFIG

Duration : 30 hrs

List of students enrolled (with signature of students)

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Lourdes Hills, Kattichal P.O,
Thiruvananthapuram, Kerala – 695 574
E-mail-mail@lmcst.ac.in Website:www.lmcst.ac.in

BRANCH/SEM: S5 & S6 CIVIL ENGINEERING

SPOKEN TUTORIAL

Academic year : 2017-2018 (2015-2019 BATCH)

year of offering :-2017 total no:-of students :-49

Roll No	Student Name	Name of Course
1	ABHIJITH R	Latex+Xfig
2	ADARSH JAMES S	Latex+Xfig
3	ADITH GOPAN	Latex+Xfig
4	ADITHYA M K	Latex+Xfig
5	AISWARYA S	Latex+Xfig
6	ALBIN ANTONY	Latex+Xfig
7	AMARJITH LAL S N	Latex+Xfig
8	AMARNADH C	Latex+Xfig
9	AMITH KURIAKOSE	Latex+Xfig
10	ANANTHA KRISHNAN B S	Latex+Xfig
11	ARJUN S D	Latex+Xfig
12	ARUN RAJ R S	Latex+Xfig
13	ARUNIMA S S	Latex+Xfig
14	ASWIN P	Latex+Xfig
15	ATHIRA P S	Latex+Xfig
16	AYSWARIA RAJ S	Latex+Xfig
17	BHARATH V G	Latex+Xfig
18	EVAN G ELAVUANKAL	Latex+Xfig
19	FATHIMA SUBAIR	Latex+Xfig
20	FRAMIN FRANCIS	Latex+Xfig
21	GAUTHAM J	Latex+Xfig
22	GRACE JACOB	Latex+Xfig
23	INDUJA P NAIR	Latex+Xfig
24	JAYAKRISHNAN V	Latex+Xfig

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25	JEPSON VALIYAVILAYIL JAMES	Latex+Xfig
26	JINITH R S	Latex+Xfig
27	JISHA JUSTIN ALEXANDER	Latex+Xfig
28	K SYAM KRISHNAN	Latex+Xfig
29	MANU MOHAN	Latex+Xfig
30	MEERA R S	Latex+Xfig
31	MEGHA MOHAN S	Latex+Xfig
32	MIDHUN S	Latex+Xfig
33	MOHAMED RISWAN M S	Latex+Xfig
34	NAJIHA S S	Latex+Xfig
35	RESHNU RAJ	Latex+Xfig
36	SABARIKRISHNAN R K THAMPI	Latex+Xfig
37	SANDRA G R	Latex+Xfig
38	SHARON JAMES	Latex+Xfig
39	SHARON M B	Latex+Xfig
40	SIJO S S	Latex+Xfig
41	SREEHARI S NAIR	Latex+Xfig
42	SUHNA S	Latex+Xfig
43	SURYA KRISHNAN	Latex+Xfig
44	SWATHY AJITH B	Latex+Xfig
45	SWETHA ELIZABETH JAMES	Latex+Xfig
46	VANDHANARAJ M	Latex+Xfig
47	VEENA J R	Latex+Xfig
48	VISHNU SOMARAJAN	Latex+Xfig
49	VISHNU DEV V S	Latex+Xfig

for HOD, CF

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Curriculum

This add-on course is offered by By Prof Kannan Moudgalya of Indian Institute of Technology Bombay as part of the spoken tutorial program. The various modules of this course are:

- LaTeX on windows using TeXwork
- Compiling
- Letter and Report writing
- Mathematical Typesetting
- Beamer
- Simple Block diagram
- Feedback control diagram
- Feedback diagram with maths

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

SUMMARY

This add-on course was offered by By Prof. Kannan Moudgalya of Indian Institute of Technology Bombay as part of the spoken tutorial program. LaTeX is a high-quality typesetting system. This course taught students about the features designed for the production of technical and scientific documentation. In this course students also learned to use XFig, the diagram component of LaTeX.

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ADDON COURSE 13

Name of the program : ADDON COURSE - LINUX

Duration : 30 hrs

List of students enrolled (with signature of students)

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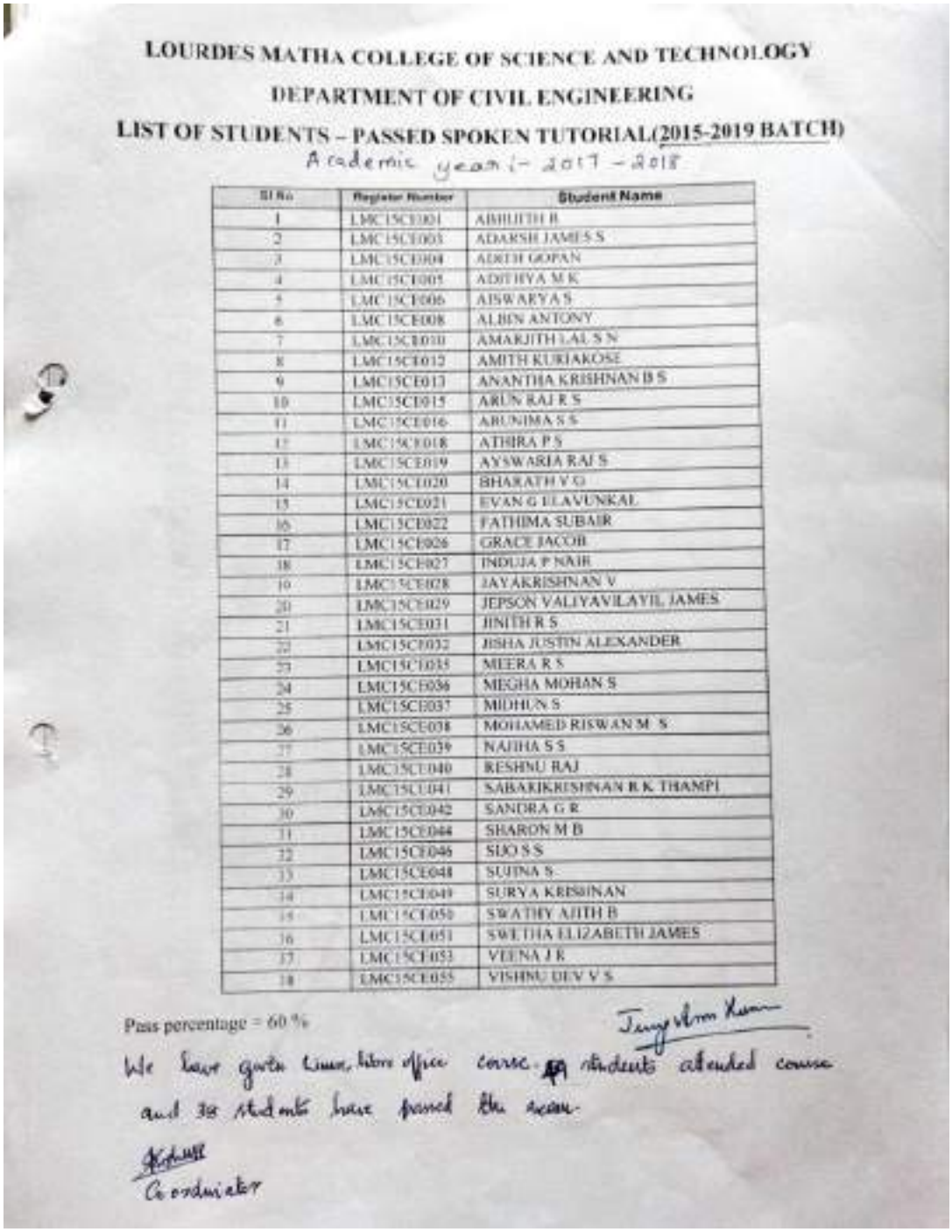

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

LIST OF STUDENTS – PASSED SPOKEN TUTORIAL(2015-2019 BATCH)

Academic year :- 2017 – 2018

Sl No	Register Number	Student Name
1	LMC15CE001	ABHIJITH B
2	LMC15CE003	ADARSH JAMES S
3	LMC15CE004	ADITH GOPAN
4	LMC15CE005	ADITHYA M K
5	LMC15CE006	AISWARYA S
6	LMC15CE008	ALBIN ANTONY
7	LMC15CE010	AMARJITH LAL S N
8	LMC15CE012	AMITH KURIAKOSE
9	LMC15CE013	ANANTHA KRISHNAN B S
10	LMC15CE015	ARUN RAJ R S
11	LMC15CE016	ARUNIMA S S
12	LMC15CE018	ATHIRA P S
13	LMC15CE019	AYSWARIA RAJ S
14	LMC15CE020	BHARATH V G
15	LMC15CE021	EVAN G ELAVUNKAL
16	LMC15CE022	FATHIMA SUBAIR
17	LMC15CE026	GRACE JACOB
18	LMC15CE027	INDUJA P NAIR
19	LMC15CE028	JAYAKRISHNAN V
20	LMC15CE029	JEPSON VALIYAVILAYIL JAMES
21	LMC15CE031	JINITH R S
22	LMC15CE032	JISHA JUSTIN ALEXANDER
23	LMC15CE035	MEERA R S
24	LMC15CE036	MEGHA MOHAN S
25	LMC15CE037	MIDHUN S
26	LMC15CE038	MOHAMED RISWAN M S
27	LMC15CE039	NAJIHA S S
28	LMC15CE040	RESHNU RAJ
29	LMC15CE041	SABARIKRISHNAN R K THAMPI
30	LMC15CE042	SANDRA G R
31	LMC15CE044	SHARON M B
32	LMC15CE046	SIJO S S
33	LMC15CE048	SUJINA S
34	LMC15CE049	SURYA KRISHNAN
35	LMC15CE050	SWATHY AJITH B
36	LMC15CE051	SWETHA ELIZABETH JAMES
37	LMC15CE053	VEENA J R
38	LMC15CE055	VISHNU DEV V S

Pass percentage = 60 %

We have given Linux, libre office course. 49 students attended course and 38 students have passed the exam.

Coordinator

Curriculum

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Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.

The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.

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Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

ADDON COURSE 14
Name of the program : ADDON COURSE - C
Duration : 30 hrs
List of students enrolled (with signature of students)

First Name	Last Name	Certificate
SOORAJ	D S	70.0% - Certificate
SAVIO	MATHEW	47.5% - Certificate
SIBBYA	SARA SUNIL	50.0% - Certificate
HONEY	SUNNY	42.5% - Certificate

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ADITHYAN	S	25.0
ROSHAN	JAMES	50.0% - Certificate
PRAJOTSNA	P	57.5% - Certificate
MIDHUN	B SAM	77.5% - Certificate
KARTHIK	PARAMESWARAN	80.0% - Certificate
AZAD	SEBASTIAN	47.5% - Certificate
AKHIL	GOPAL	42.5% - Certificate
SANGEETHA	R S	32.5
ATHUL	JOY	52.5% - Certificate
AJAY	SEBASTIAN	25.0
BINCY	SABU	40.0% - Certificate
JAYALEKSHMI	U	35.0
PAVIN	PALAS P S	42.5% - Certificate
ARAVIND	V V	95.0% - Certificate

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SRUTHI	L	40.0% - Certificate
REENU	JUDE GABRIELLA LEONARD	65.0% - Certificate
RAHUL	J J	75.0% - Certificate
PUTHIYADOM	AJOE THOMAS	52.5% - Certificate
KARTHIKA	B G	40.0% - Certificate
RIZANA	S SUBAIR	87.5% - Certificate
VISHNU	S NAIR	32.5
SWATHY	S	57.5% - Certificate
NIHANA	F S	52.5% - Certificate
ANANTHA	SANKAR R	45.0% - Certificate
ARUN	KUMAR R	60.0% - Certificate
JOBY	V JOHN	55.0% - Certificate
CHRISTY	JOHNSON	40.0% - Certificate

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ADITHYA	S	50.0% - Certificate
SARAN	SUNDARESAN MADHAVAN	50.0% - Certificate
DANIEL	C G	55.0% - Certificate
JILCE	ABRAHAM	57.5% - Certificate
DONA	MATHEW	82.5% - Certificate
ABHILASH	B NAIR	40.0% - Certificate
NAZEEHA	S	40.0% - Certificate
GAVIN	JANAVAR DERIC	42.5% - Certificate
KURIAN	VARGHESE	77.5% - Certificate
ADHITH	P RAJ	57.5% - Certificate
GOKUL	ANAND A B	57.5% - Certificate
VAISHAK	S	55.0% - Certificate
MANU	KRISHNA S R	62.5% - Certificate

PRINCIPAL

ANUPAMA	S H	67.5% - Certificate
AMAL	JOSEPH	55.0% - Certificate
GOKUL	P N	55.0% - Certificate
ARYA	U S	92.5% - Certificate
ANJITHA	UDAYAN	70.0% - Certificate
DIVYA	CLEMENT	45.0% - Certificate
FREJY	THANKACHAN	90.0% - Certificate
MOHAMMED	KHALIS	57.5% - Certificate
ANJANA	C S	67.5% - Certificate
JASMIN	A R	70.0% - Certificate
MIDHUN	V NATH	90.0% - Certificate
RAJATH	KRISHNAN	52.5% - Certificate
SWATHY	C S	67.5% - Certificate

PRINCIPAL

JAIVIN	JACOB	60.0% - Certificate
M	PARVATHI	47.5% - Certificate
ALAN	FREDERICK	72.5% - Certificate
POOJA	SARAVAN	27.5
FLEMIN MOSES	GEORGE	60.0% - Certificate
ATHIRA	V C	57.5% - Certificate
NEETHU	R NAIR	
SRUTHI	S	
SURYA	S RAJ	40.0% - Certificate
AKHILA	S J	40.0% - Certificate
SUNUMOL	SS	
ATHIRA	M.S	32.5
SUKANYA	SUDHARSANAN	35.0
ANJITHA	UDAYAN	57.5% - Certificate

PRINCIPAL

PARVATHY	NANDAN N	32.5
ADARSH	S	50.0% - Certificate
RIZANA	SUBAIR	20.0
GINU	SEBASTIAN	45.0% - Certificate
LEKSHMI	VS	32.5
BINCY	S B	57.5% - Certificate
SATHYA	MURUGESAN	60.0% - Certificate
SOORAJ	D S	70.0% - Certificate
SAVIO	MATHEW	47.5% - Certificate
SIBBYA	SARA SUNIL	50.0% - Certificate
HONEY	SUNNY	42.5% - Certificate
ADITHYAN	S	25.0
ROSHAN	JAMES	50.0% - Certificate

PRINCIPAL

PRAJOTSNA	P	57.5% - Certificate
MIDHUN	B SAM	77.5% - Certificate
KARTHIK	PARAMESWARAN	80.0% - Certificate
AZAD	SEBASTIAN	47.5% - Certificate
AKHIL	GOPAL	42.5% - Certificate
SANGEETHA	R S	32.5
ATHUL	JOY	52.5% - Certificate
AJAY	SEBASTIAN	25.0
BINCY	SABU	40.0% - Certificate
JAYALEKSHMI	U	35.0
PAVIN	PALAS P S	42.5% - Certificate
ARAVIND	V V	95.0% - Certificate
SRUTHI	L	40.0% - Certificate

PRINCIPAL

REENU	JUDE GABRIELLA LEONARD	65.0% - Certificate
RAHUL	J J	75.0% - Certificate
PUTHIYADOM	AJOE THOMAS	52.5% - Certificate
KARTHIKA	B G	40.0% - Certificate
RIZANA	S SUBAIR	87.5% - Certificate
VISHNU	S NAIR	32.5
SWATHY	S	57.5% - Certificate
NIHANA	F S	52.5% - Certificate
ANANTHA	SANKAR R	45.0% - Certificate
ARUN	KUMAR R	60.0% - Certificate
JOBY	V JOHN	55.0% - Certificate
CHRISTY	JOHNSON	40.0% - Certificate
ADITHYA	S	50.0% - Certificate

PRINCIPAL

SARAN	SUNDARESAN MADHAVAN	50.0% - Certificate
DANIEL	C G	55.0% - Certificate
JILCE	ABRAHAM	57.5% - Certificate
DONA	MATHEW	82.5% - Certificate
ABHILASH	B NAIR	40.0% - Certificate
NAZEEHA	S	40.0% - Certificate
GAVIN	JANAVAR DERIC	42.5% - Certificate
KURIAN	VARGHESE	77.5% - Certificate
ADHITH	P RAJ	57.5% - Certificate
GOKUL	ANAND A B	57.5% - Certificate
VAISHAK	S	55.0% - Certificate
MANU	KRISHNA S R	62.5% - Certificate
ANUPAMA	S H	67.5% - Certificate

PRINCIPAL

AMAL	JOSEPH	55.0% - Certificate
GOKUL	P N	55.0% - Certificate
ARYA	U S	92.5% - Certificate
ANJITHA	UDAYAN	70.0% - Certificate
DIVYA	CLEMENT	45.0% - Certificate
FREJY	THANKACHAN	90.0% - Certificate
MOHAMMED	KHALIS	57.5% - Certificate
ANJANA	C S	67.5% - Certificate
JASMIN	A R	70.0% - Certificate
MIDHUN	V NATH	90.0% - Certificate
RAJATH	KRISHNAN	52.5% - Certificate
SWATHY	C S	67.5% - Certificate
JAIVIN	JACOB	60.0% - Certificate

PRINCIPAL

M	PARVATHI	47.5% - Certificate
ALAN	FREDERICK	72.5% - Certificate
POOJA	SARAVAN	27.5
FLEMIN MOSES	GEORGE	60.0% - Certificate
ATHIRA	V C	57.5% - Certificate
NEETHU	R NAIR	
SRUTHI	S	
SURYA	S RAJ	40.0% - Certificate
AKHILA	S J	40.0% - Certificate
SUNUMOL	SS	
ATHIRA	M.S	32.5
SUKANYA	SUDHARSANAN	35.0
ANJITHA	UDAYAN	57.5% - Certificate

PRINCIPAL

PARVATHY	NANDAN N	32.5
ADARSH	S	50.0% - Certificate
RIZANA	SUBAIR	20.0
GINU	SEBASTIAN	45.0% - Certificate
LEKSHMI	VS	32.5
BINCY	S B	57.5% - Certificate
SATHYA	MURUGESAN	60.0% - Certificate

Curriculum

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

An Operating System(OS) is a software(collection of programs) that controls the various functions of a computer. Also it makes other programs on your computer work.

PRINCIPAL

For example, you cannot work with a word processor program, such as Microsoft Word, if there is no operating system installed on your computer.Windows, Unix, Linux, Solaris, and MacOS are some of the popular operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

This C programming course provided a comprehensive introduction to the ANSI C language, emphasizing portability and structured design. Students were introduced to all major language elements including fundamental data types, flow control, and standard function libraries. Thorough treatment is given to the topics of string and character manipulation, dynamic memory allocation, standard I/O, macro definition, and the C runtime library. The C training course explained the use of aggregate structures, unions, and pointers early on so the students can practice extensively in the hands-on labs. Structured programming constructs and varargs functions are also covered. Emphasis was given to the processing of command line arguments and environment variables so students will be able to write flexible, user-friendly programs. The course also included coverage of portability tips drawn from experienced programmers working in production environments. Comprehensive hands on exercises were integrated throughout to reinforce learning and develop real competency.

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

ADDON COURSE 15
Name of the program : ADDON COURSE - C AND CPP
Duration : 30 hrs
List of students enrolled (with signature of students)

First Name	Score
CHAITHANYA GANESH	62.5% - Certificate
EMILY V THOMAS	65.0% - Certificate
ATHIRA A S	57.5% - Certificate
SIKHA N	70.0% - Certificate
ARYA JAYAKUMAR	40.0% - Certificate
NIKHIL PRAKASH	60.0% - Certificate

Curriculum

PRINCIPAL

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

An Operating System(OS) is a software(collection of programs) that controls the various functions of a computer. Also it makes other programs on your computer work.

For example, you cannot work with a word processor program, such as Microsoft Word, if there is no operating system installed on your computer.Windows, Unix, Linux, Solaris, and MacOS are some of the popular operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

C++ is a programming language developed by Bjarne Stroustrup starting in 1979 at Bell Labs. C++ is a statically typed, free-form, multi-paradigm, compiled, general-purpose, powerful programming language. C++ is an object oriented language. It supports features like classes and objects, Polymorphism, Encapsulation, Inheritance etc. C++ is also used for hardware design.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

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COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
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Summary Report

C++ is the feature of object-oriented programming which includes concepts like classes, inheritance, polymorphism, data abstraction and encapsulation that allow code reusability and makes a program even more reliable. The aim of the course was to familiarize the student with the universal concepts of computer programming, present the syntax, semantics and basic data types of the C++ language, discuss the principles of the object-oriented model and its implementation in the C++ language, and demonstrate the means to resolve typical implementation problems with the help of standard C++ language libraries.

2016-2017

ADDON COURSE 1
Name of the program : ADDON COURSE - C TEST
Duration : 30 hrs
List of students enrolled (with signature of students)

ARYA JAYAKUMAR
CHAITHANYA GANESH
SIKHA N
NIKHIL PRAKASH
EMILY V THOMAS
ATHIRA A S
VEENA R
GOUTHAM S
MUNEERSHA B L

PRINCIPAL

GOWRI VIJAYAN B
RESHMA L R
NADIYA RAJENDRAN
ARUNJITH R S
JIJI J L
SIVAKAMI T
JASMINE JOSEPH
CLAUDIOUS NEOL MANUEL
MINNU SAMUEL
DIVYA S
AZEEF A H
ADARSH A
RAHUL R
SHAHEER S S
AJAY JUDE UNNI
ANJALI M L
MALU M S
AISWARYA S R

Curriculum

Introduction to C

PRINCIPAL

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

An Operating System(OS) is a software(collection of programs) that controls the various functions of a computer. Also it makes other programs on your computer work.

For example, you cannot work with a word processor program, such as Microsoft Word, if there is no operating system installed on your computer.Windows, Unix, Linux, Solaris, and MacOS are some of the popular operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The aim of the course was to familiarize the student with the universal concepts of computer programming, present the syntax, semantics and basic data types of the C language, discuss the principles of the object-oriented model and its implementation in the C programming language, and demonstrate the means to resolve typical implementation problems with the help of standard C programming language libraries.

PRINCIPAL

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

ADDON COURSE 2

Name of the program : ADDON COURSE - LINUX

Duration : 30 hrs

List of students enrolled (with signature of students)

RESHMA S N
AJINA JAMES
AJITH S PHILIP
ALEENA JOLLY
APARNA S NAIR
DEVIKA THAMPI P R
DEVU KRISHNA S B
GOUWRI SHANKER A V
NAYANA TREESA MICHAEL
SANSHIYA SOBI
SIDDHARTH S R
SUJITH X T
AMINA SEYYADALI S
ASHNA N S
ANCY ROSE R L

PRINCIPAL

ASWIN V A
VISHNU RAJ C L
HARI S
ABHIJITH J J
GOPIKA GOPAN
SAMYUKTHA GANESH
SOJA CLIFTEN
SWATHI KRISHNA S
VISHNU PRASAD V U

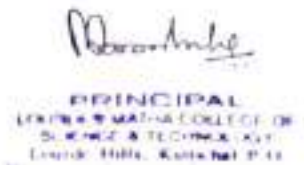
Curriculum

Introduction to Linux

Linux is one of the most popular Operating Systems used in the world. Linux refers to the family of Unix-like computer operating systems using the Linux kernel. Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and video game consoles to mainframes and supercomputers.

It is an opensource software and the Linux kernel is released under the GNU General Public License and hence can be freely modified and distributed.

Linux is actually just a kernel. Many people have put together distributions (often called flavors), that contain not just the kernel but also many other programming tools and utilities. Some well-known distributions include Red Hat Linux, Ubuntu, SuSE Linux, and Debian GNU/Linux.



The real power of Linux can be tapped by using its wide and powerful storehouse of commands which need to be typed in on the terminal. The reason behind this is the fact that Linux can trace its intellectual heritage, if not its source code, to the Unix OS. Unix was developed much before GUI environments were dreamt of. Thus, Unix (and hence Linux) provides a wide array of flexible text-mode commands.

In this tutorial series, we will mainly concentrate on how to use the wide variety of Linux commands to handle files, directories, processes, etc. These tutorials are created using Ubuntu version 10.04 and above. Please see the associated text box of individual spoken tutorials on the website to decide the versions of Linux OS to which it is applicable.

The Spoken Tutorial effort for Linux has been contributed by Mr. Anirban Roy Choudhury. Other contributors who helped in the creation of the scripts and tutorials include Shahid Ali Farooqui, Shambulingayya, Anusha Kadambala, Anuvrat Parashar, Abhijit Sunil, Prashant Shah, Namita Menezes, Balasubramaniam S.N., Gaurav Shinde, Praveen S., Sachin Patil, Ashwini Patil, DesiCrew Solutions Pvt. Ltd., and Nancy Varkey.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

The course covered topics such as the Linux/UNIX file system, commands, utilities, text editing, shell programming and text processing utilities. Students learnt command line syntax and

features of the popular Linux/UNIX shells, including filename generation, redirection, pipes and quoting mechanisms.

ADDON COURSE 3

Name of the program : ADDON COURSE - C PROGRAMMING

Duration : 30 hrs

List of students enrolled (with signature of students)

PRINCIPAL

Lourdes Matha College of Science and Technology
Kattichal, Thiruvananthapuram

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

Title: Training Records

Training Record

Title of Training program:

Faculty:

Conducted on:

Sl.No.	Name of Participant	Department	Signature
1.		S2 CS-A	
2.		S2 CE-A	
3.		S2 ME-A	
4.		S2 EC-A	
5.		S2 EE-A	
6.		S2 IT-A	
7.		S2 EE-A	
8.		S2 CS-A	
9.		S2 CS-A	
10.		S2 CS-A	
11.		S2 CS-A	
12.		S2 CS-A	
13.		S2 CS-A	
14.		S2 CS-A	
15.		S2 CS-A	
16.		S2 CS-A	
17.		S2 CS-A	
18.		S2 CS-A	
19.		S2 CS-A	
20.		S2 CS-A	
21.		S2 CS-A	
22.		S2 CS-A	

Date: 25/4/18

Signature of Faculty

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Kattichal Hills, Kattichal P.O.

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
Lourdes Hills, Kuttichal P.O,
Thiruvananthapuram, Kerala – 695 574
E-mail-mail@lmcst.ac.in Website:www.lmcst.ac.in

ROLL NO	CANDIDATE CODE	NAME
1	LMC16CS001	ABHILASH B NAIR
2	LMC16CS004	ADHITH P RAJ
3	LMC16CS006	ADITHYA S
4	LMC16CS009	AKHILA S J
5	LMC16CS012	AMAL JOSEPH
6	LMC16CS013	ANANTHA SANKAR R
7	LMC16CS015	ANJITHA UDAYAN
8	LMC16CS016	ANUPAMA S H
9	LMC16CS018	ARUN KUMAR R
10	LMC16CS019	ARYA U S
11	LMC16CS020	ATHIRA M S
12	LMC16CS024	CHRISTY JOHNSON
13	LMC16CS025	DANIEL C G
14	LMC16CS026	DIVYA CLEMENT
15	LMC16CS027	DONA MATHEW
16	LMC16CS029	FREJY THANKACHAN
17	LMC16CS031	GAVIN JANAVAR DERIC
18	LMC16CS033	GOKUL ANAND A B
19	LMC16CS034	GOKUL P N
20	LMC16CS038	JILCE ABRAHAM
21	LMC16CS039	JOBY V JOHN
22	LMC16CS042	KURIAN VARGHESE
23	LMC16CS045	MOHAMMED KHALIS
24	LMC16CS047	NAZEEHA S
25	LMC16CS048	NIHANA F S
26	LMC16CS049	PARVATHY NANDAN N
27	LMC16CS051	POOJA SARAVAN
28	LMC16CS055	RAHUL PAUL V R
29	LMC16CS060	SARAN SUNDARESAN MADHAVAN
30	LMC16CS063	SHILPA STICKLE
31	LMC16CS065	S R MANU KRISHNA
32	LMC16CS067	SRUTHI S
33	LMC16CS068	SUKANYA SUDARSHANAN
34	LMC16CS069	SUNUMOL S S
35	LMC16CS070	SURYA S RAJ
36	LMC16CS072	VAISHAK S

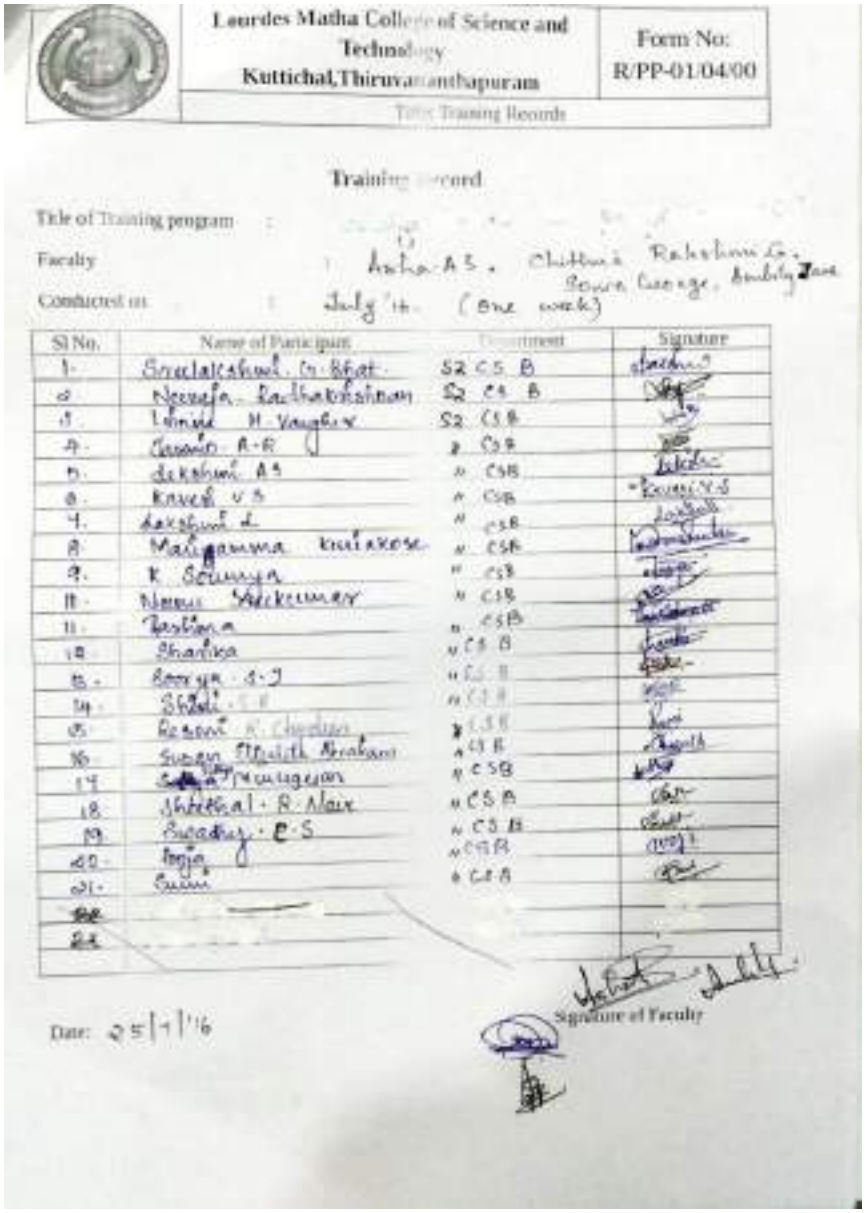
PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourdes Hills, Kuttichal P.O

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
Lourdes Hills, Kuttichal P.O,
Thiruvananthapuram, Kerala – 695 574
E-mail-mail@lmcst.ac.in Website:www.lmcst.ac.in

RollNo	Register Number	Name
1	LMC16CS002	ADARSH S
2	LMC16CS006	ADITHYAN S
3	LMC16CS007	AJAY SEBASTIAN
4	LMC16CS010	AKHIL GOPAL
5	LMC16CS011	ALAN FEDERICK PRASANTH
6	LMC16CS017	ARAVIND V V
7	LMC16CS021	ATHUL JOY
8	LMC16CS022	AZAD SEBASTAIN
9	LMC16CS023	BINCY SABU
10	LMC16CS028	FLEMIN MOSES GEORGE
11	LMC16CS032	GINU SEBASTAIN
12	LMC16CS035	HONEY SUNNY
13	LMC16CS036	JAIVIN JACOB
14	LMC16CS037	JAYALEKSHMI U
15	LMC16CS040	KARTHIKA B G
16	LMC16CS041	KARTHIK PARAMESWARAN
17	LMC16CS043	L SRUTHI
18	LMC16CS044	MIDHUN B SAM
19	LMC16CS046	M PARVATHY
20	LMC16CS050	PAVIN PALAS P.S
21	LMC16CS052	PRAJOTSNA P
22	LMC16CS053	PUTHIYADOM AJOE THOMAS
23	LMC16CS054	RAHUL J J
24	LMC16CS056	REENU JUDE GABRIELLA LEONARD
25	LMC16CS057	RIZANA S SUBAIR
26	LMC16CS058	ROSHAN JAMES
27	LMC16CS059	SANGEETHA R S
28	LMC16CS061	SABATH M K
29	LMC16CS062	SAVIO MATHEW
30	LMC16CS064	SIBIYA SARA SUNIL
31	LMC16CS065	SOORAJ D S
32	LMC16CS071	SWATHY S
33	LMC16CS073	VISHNU S NAIR
34	LMC16CS053	NEETHU R NAIR
35	LLMC16CS076	LEKSHMI V S
37	LLMC16CS075	BINCY S B
38	LLMC16CS074	ATHIRA V C

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry



Lourdes Matha College of Science and Technology Kuttichal,Thiruvananthapuram	Form No: R/PP-01/04/00
Title: Training Records	

Training Record

Title of Training program :

Faculty : Asha A S, Chithra Rakshini G, Sonia George, Ambily Jain

Conducted on : July '16 (One week)

Sl No.	Name of Participant	Department	Signature
1.	Sreelakshmi G Bhat	S2 CS B	[signature]
2.	Neeraja Radhakrishnan	S2 CS B	[signature]
3.	Lonnie H Vaughn	S2 CS B	[signature]
4.	Jasmin A R	" CS B	[signature]
5.	Lakshmi A S	" CS B	[signature]
6.	Kaveri V S	" CS B	[signature]
7.	Lakshmi L	" CS B	[signature]
8.	Manjamma Kuriakose	" CS B	[signature]
9.	K Soumya	" CS B	[signature]
10.	Naveen Sreekumar	" CS B	[signature]
11.	Tashina	" CS B	[signature]
12.	Sharika	" CS B	[signature]
13.	Soorya S J	" CS B	[signature]
14.	Shini S R	" CS B	[signature]
15.	Resmi R Chandran	" CS B	[signature]
16.	Susan Elizabeth Abraham	" CS B	[signature]
17.	[illegible] Mulugeyan	" CS B	[signature]
18.	Shreethal R Nair	" CS B	[signature]
19.	Swathy E S	" CS B	[signature]
20.	Pooja	" CS B	[signature]
21.	Sumi	" CS B	[signature]
~~22~~			
~~23~~			

Date: 25/7/16

Signature of Faculty

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.

Lourdes Matha College of Science and Technology Kuttichal,Thiruvananthapuram	Form No: R/PP-01/04/00
Title: Training Records	

Training Record

Title of Training program :

Faculty : Asha-AS, Chithra Rakshmi G, Sonia George, Ambily Jose

Conducted on : July'16

Sl No	Name of Participant	Department	Signature
23	Harikrishnan V	S2 CS-A	
24	Mithkrishnan G	S2 CS-A	
25	Anand.UK	S2 CS-A	
26	AMAL J.S	" CS-A	
27	Aravind.A.S	" CS-A	
28	Aryya chandran	" CS-A	

Date: 25/7/16

Signature of Faculty

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Kunnil Hills, Kuttichal P.O

LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

STUDENT FEEDBACK FORM

Date:- 20/07/16 - 29/07/16

Course- B.Tech/M.Tech Branch-ECE/EEE/CSE/CE/ME Sem-III/III/IV/V/VI/VII

Sr. No.	Name of faculty member	RATING				
		Punctuality	Doubt clearing	Conceptual clarity	Concern with student's progress & helpfulness	Presentation style
1	Ms. Asha AS	5	5	4	5	5
2						
3	Ms. Ambily Jane	5	5	5	5	5
4						
5	Ms. Sonia George	5	5	5	4	4
6						
7	Ms. Saranya A S	5	5	2	4	4
8						
9	Ms. Chithera Rakshmi	5	5	4	5	5

Rating of scale - 1) Average 2) Satisfactory 3) Good 4) Very Good 5) Excellent

Suggestions/Remarks:-

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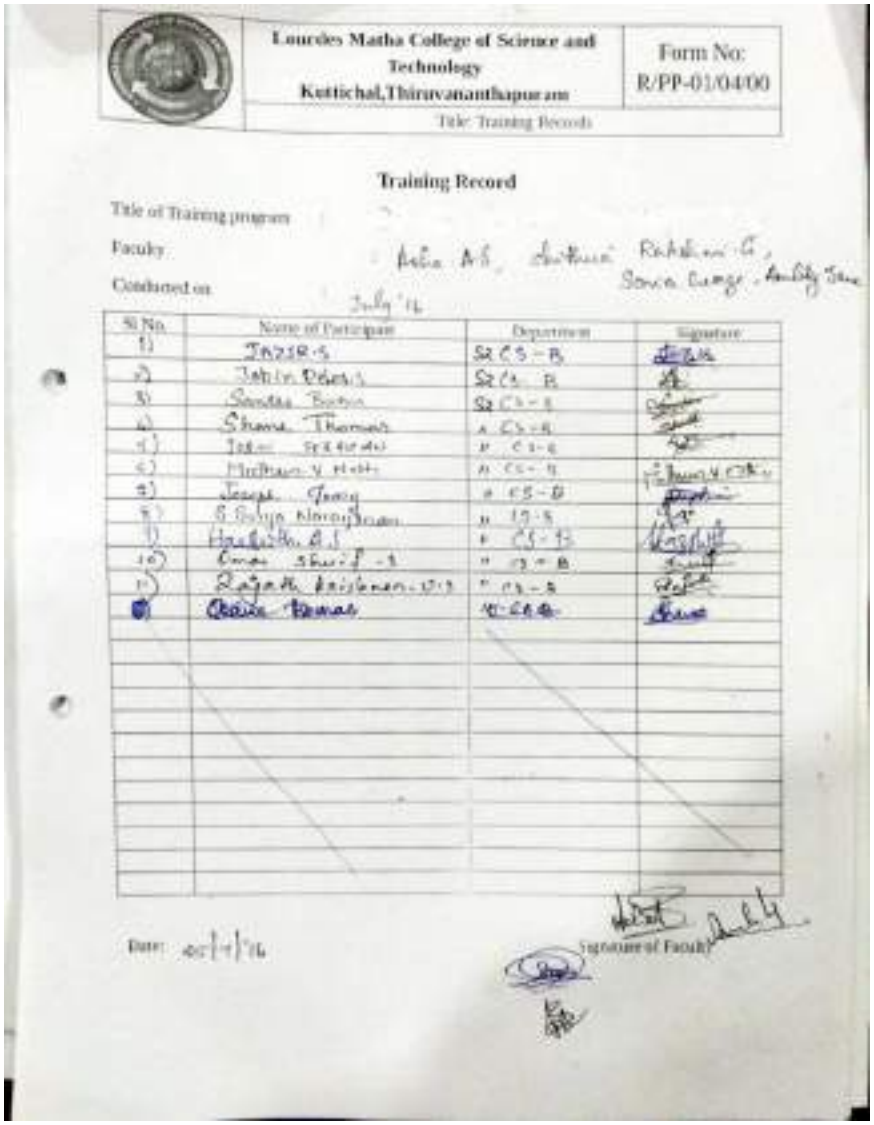
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Lourde Hills, Kottathal P.O.



Lourdes Matha College of Science and Technology
Kuttichal,Thiruvananthapuram

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

Title: Training Records

Training Record

Title of Training program

Faculty

Conducted on July '16

Sl No.	Name of Participant	Department	Signature
1)		S2 CS - B	
2)		S2 CS - B	
3)		S2 CS - B	
4)		S2 CS - B	
5)		S2 CS - B	
6)		S2 CS - B	
7)		S2 CS - B	
8)		S2 CS - B	
9)		S2 CS - B	
10)		S2 CS - B	
11)		S2 CS - B	
12)		S2 CS - B	

Date: 20/7/16

Signature of Faculty

PRINCIPAL
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
Kuttichal, Thiruvananthapuram

Curriculum

Powerful features, simple syntax, and portability make **C** a preferred language among programmers for business and industrial applications. Portability means that C programs written for a computer with a particular kind of processor, say Intel, can be executed on computers with different processors such as Motorola, Sun Sparc, or IBM with little or no modification. C language is widely used in the development of operating systems.

Dennis M. Ritchie, a systems engineer at Bell Laboratories, New Jersey developed C in the early 1970's although designed for the Unix operating system, it soon proved itself a powerful, general purpose programming language.

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

SUMMARY

The aim of the course was to familiarize the student with the universal concepts of computer programming, present the syntax, semantics and basic data types of the C language, discuss the principles of the object-oriented model and its implementation in the C, and demonstrate the means to resolve typical implementation problems with the help of standard C programming libraries.

PRINCIPAL

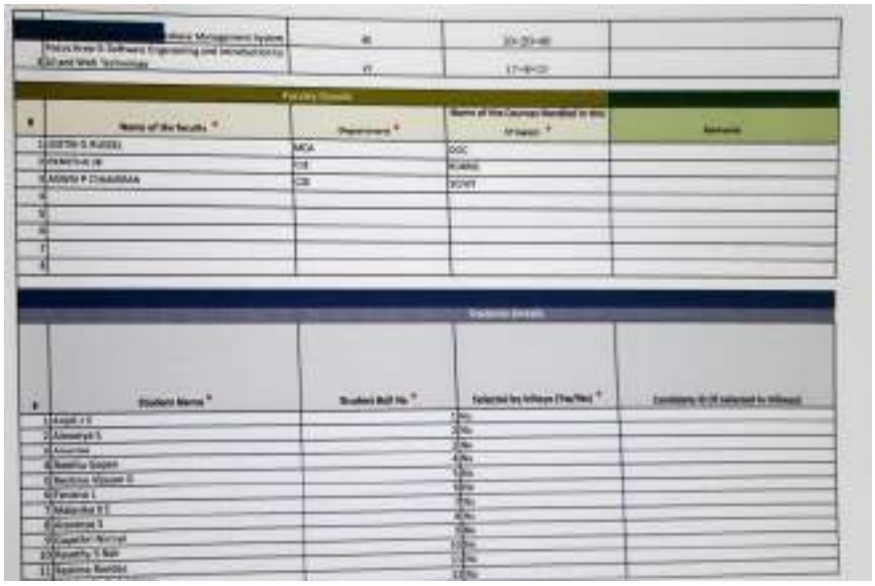
ADDON COURSE 4

Name of the program : ADDON COURSE - OOP AND DATABASE

Duration : 30 hrs

List of students enrolled (with signature of students)

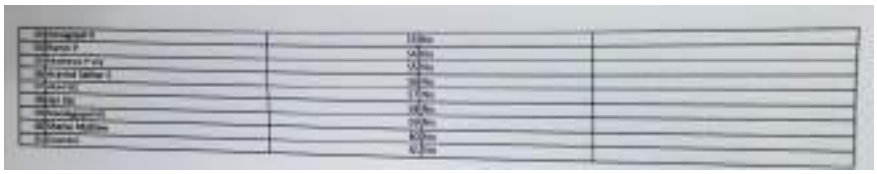
PRINCIPAL



#	Name of the Faculty *	Department *	Name of the Courses Handled in this Project *	Remarks
1	[illegible] S RUSSEL	MCA	DOC	
2	[illegible] JR	ICB	RUBIS	
3	ASWIN P CHANDRAN	CSE	SOMY	
4				
5				
6				
7				
8				

#	Student Name *	Student Roll No. *	Selected by Infosys (Yes/No) *	Candidates ID (If selected in Infosys)
1	Anjali J V		Yes	
2	Ameerah S		Yes	
3	Anusree		Yes	
4	Beetha Joseph		Yes	
5	Bentina Vincent D		Yes	
6	Devanai L		Yes	
7	Mayookha S T		Yes	
8	Sreelekha S		Yes	
9	Sujatha Suresh		Yes	
10	Sujatha S Nair		Yes	
11	Aparna Ravidas		Yes	

11	Reshmi K S		Yes
12	Akshi Anil		Yes
13	Anjali Mathai		Yes
14	Ashitha K		Yes
15	Athiya P C		Yes
16	Ayshathmol M S		Yes
17	Bia Joseph		Yes
18	Bhagyasri Jomon		Yes
19	Hridhi C		Yes
20	Jobi Shanmukha		Yes
21	Kavya K G		Yes
22	Krishnaa A. Nair		Yes
23	Lekshmi P S		Yes
24	Lekshmi S M		Yes
25	[illegible]		Yes
26	Aparna S		Yes
27	Hanna M C		Yes
28	Monicha R		Yes
29	Navneet S		Yes
30	Arya M S		Yes
31	Devi Krishna		Yes
32	Aparna Ravi		Yes
33	Sulena		Yes
34	Anna Francis		Yes
35	Monish M		Yes
36	Prem S G		Yes
37	Sneha Joseph		Yes
38	Gopi S		Yes
39	Prem Mc		Yes
40	Kavya M		Yes
41	Jisely Joseph		Yes
42	Vidya Peter		Yes
43	Deena RC		Yes
44	Anna Francis		Yes
45	Ann Mathew		Yes
46	Sreerag KJ		Yes
47	Sam John		Yes
48	Sam C Daniel		Yes
49	Ann S Kuriat		Yes
50	[illegible]		Yes



1	[illegible]		Yes
2	[illegible]		Yes
3	[illegible]		Yes
4	[illegible]		Yes
5	[illegible]		Yes
6	[illegible]		Yes
7	[illegible]		Yes
8	[illegible]		Yes
9	[illegible]		Yes
10	[illegible]		Yes

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Church Hills, Kuttichal P O

PRINCIPAL

Infosys | Campus Connect

Lourdes Matha College of Science and Technology

Certificate of Completion

This is to certify that

Mathews P Joy

(Roll No.55) has successfully completed the

Foundation Program

under the aegis of the Infosys Campus Connect Program at our institute

PRINCIPAL
Head of Institute

20/11/2016
Date

PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY

Result Sheet

Marks scored

		Integrated Project Development			Total(100)		
Re-test (25) *	Total (25) *	OOP Project (25) *	Database Project (25) *	Total (50) * (OOP Project + Database	Objective Assessment + Project	Eligibility for Certificate	Remarks
0	19	20	21	41	78	Yes	
0	18	20	21	41	78	Yes	
0	20	20	21	41	79	Yes	
0	20	20	21	41	81	Yes	
0	20	20	22	42	80	Yes	
0	20	20	22	42	82	Yes	
0	18	21	21	42	78	Yes	
0	18	21	21	42	80	Yes	

Curriculum

OOP is a way to structure a program using reusable pieces of code (called classes) which can be used to create individual instances of objects. We have released a full course on the freeCodeCamp.org YouTube channel that will teach you all about Object Oriented Programming and how to implement the concepts using C++.

Course Contents:
1.Introduction to Object Oriented Programming
2.Inheritance andPolymorphism
3.File and IO Streams
4.Exception Handling and Templates
5.Database Concepts

Assessment procedures year-wise :

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- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

Upon completion of this course, students learnt to:

- describe the history of computing;
- describe fundamental hardware and software concepts;
- describe how computers enable the application of human logic
- explain how the JVM translates Java code into executable code;
- explain Object-Oriented Programming concepts such as objects, classes, inheritance, and polymorphism;
- write simple programs using basic Java concepts;
- describe and use primitive data types in Java;
- describe and use logical and relational operators and compare Boolean expressions;
- explain and use various control structures such as methods, decision statements, and loops;
- use the Java input/output class hierarchy to read and write data to and from external files; and
- use the exception handling mechanism.

ADDON COURSE 5
Name of the program : ADDON COURSE - OPENFOAM
Duration : 30 hrs
List of students enrolled (with signature of students)

ENROLLED STUDENTS

PRINCIPAL

SIJO S S
ARJUN S D
AMITH KURIAKOSE
MOHAMED RISWAN M S
BHARATH V G
SWETHA ELIZABETH JAMES
ABHIJITH R
ARUNIMA S S
RESHNU RAJ
EVAN G ELAVUNKAL
AYSWARIA RAJ S
AISWARYA S
ALBIN ANTONY
SWATHY AJITH B
MANU MOHAN
SURYA KRISHNAN
INDUJA P NAIR
ADARSH JAMES S
MEERA R S
SUJINA S

PRINCIPAL

VANDHANA RAJ M
VISHNU SOMARAJAN
VISHNU DEV V S
JAYAKRISHNAN V
AMARNADH C
ATHIRA P S
MEGHA MOHAN S
NAJIHA S S
AMARJITH LAL S N
MIDHUN S
GRACE JACOB
FATHIMA SUBAIR
VEENA J R
SYAMKRISHNAN K
ANANTHA KRISHNAN B S
ADITH GOPAN
GAUTHAM J
ARUN RAJ R S
JINITH R S
SANDRA G R
FRAMIN FRANCIS

PRINCIPAL

SHARON M B
SHARON JAMES
SREEHARI S NAIR
JISHA JUSTIN ALEXANDER
ADITHYA M K
ASWIN P
JEPSON VALIYAVILAYIL JAMES
SABARI KRISHNAN R K THAMPI
ADARSH G PRASAD

Curriculum

OpenFOAM is the leading free, open source software for computational fluid dynamics (CFD), owned by the OpenFOAM Foundation and distributed exclusively under the General Public Licence (GPL). The GPL gives users the freedom to modify and redistribute the software and a guarantee of continued free use, within the terms of the licence.

OpenFOAM was created by Henry Weller in 1989 under the name “FOAM” and was released open source as “OpenFOAM” by Henry Weller, Chris Greenshields and Mattijs Janssens in December 2004. Since then, OpenFOAM has continued to be managed and developed with new versions being released to the public each year. The current version is 9. In 2014, the development line of OpenFOAM, known as “OpenFOAM-dev” was released publicly on GitHub.

PRINCIPAL

Assessment procedures year-wise :

- Duration of the test will be between 20 mins to 45 mins, depending on the Addon Course selected for the Test.
- Answer all the questions, don't leave out any.
- Please note that you will be able to view the certificate only on scoring 40% or above.
- The 'Participant Dashboard' for downloading the Certificates.
- Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.

Summary Report

OpenFOAM is the leading free, open source software for computational fluid dynamics (CFD), owned by the OpenFOAM Foundation and distributed exclusively under the General Public Licence (GPL).

This add on course helped the students to:

- Comfortably use free OpenFoam software to solve fluid dynamics problems
- Refresh on background of Computational Fluid Dynamics
- Do step-by-step customisation of geometry and meshing prior to the simulation
- Easily create custom script for fast and efficient post-processing

ADDON COURSE 6
Name of the program : ADDON COURSE - AUTOCAD
Duration : 30 hrs
List of students enrolled (with signature of students)

PRINCIPAL

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ATTENDANCE SHEET
AUTOCAD LEVEL 1

SL NO	NAME	4/7/2016	5/7/2016	6/7/2016	7/7/2016
1	ABHIJITH				
2	AISWARYA JR				
3	AKHIL VENU				
4	ALAN JOSEPH				
5	ALEX C				
6	ALISHA S				
7	AMALKHOSH S				
8	ANANDHU A S				
9	ANANDHU J A				
10	ANANTHU V				
11	ANCY A P				
12	ARAVIND P				
13	ARJUN S P				
14	FABEENA NAHM S S				
15	GOKUL S RAJAN				
16	JAYARAM R				
17	JUBIN JAIMON				
18	RESHMA S				
19	RESHMA S V				
20	SACHIN MOHAN L				
21	SANJA JOHN				
22	SREELEKSHMI S				
23	SUDHIN GEORGE				
24	VIMAL VISWAMBHARAN				

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Curriculum

AutoCAD

Our AutoCAD course curriculum teaches you how to draw accurate models, insert notes and labels, and create formal design plans using AutoCAD software. The course preps you for the Autodesk AutoCAD Certified User Certification Exam, an industry-recognized certification of your skills in computer-aided design and drafting.

Drawing Software and Constructing Basic Shapes
In this lesson, you'll learn to create new drawings, edit and erase lines, and identify the tools on the toolbar. You'll also learn to create shapes and modify lines with an understanding of linetypes.

PRINCIPAL

By the end of this course, you'll be able to do the following:

- Create and edit drawings.
- Identify essential commands and AutoCAD tools.
- Define linetypes.

Assessment procedures year-wise :

- Duration of the test - 50 minutes
- Objective type questions will be provided
- Maximum score is 100; Minimum score for a pass is 40.
- No negative marking
- Answer all the questions, don't leave out any.

Summary Report

After completing the AutoCAD program, students were be able to:

- Use the functions and commands of AutoCAD software to create, save, and print drawings that make use of multiple lines, geometric shapes, and curves.
- Locate and apply the many features of AutoCAD that automate the drafting process and facilitate the creation of more accurate drawings in less time than traditional drafting methods.
- Locate and apply the features of AutoCAD that provide for the accurate addition of dimensions, tolerances, and drawing notes and labels using symbols and placements recognized by multiple standards organizations.
- Use the functions and commands of AutoCAD software to create isometric and three-dimensional drawings and models.

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