



Jyothi Engineering College

N A A C Accredited College with N B A Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

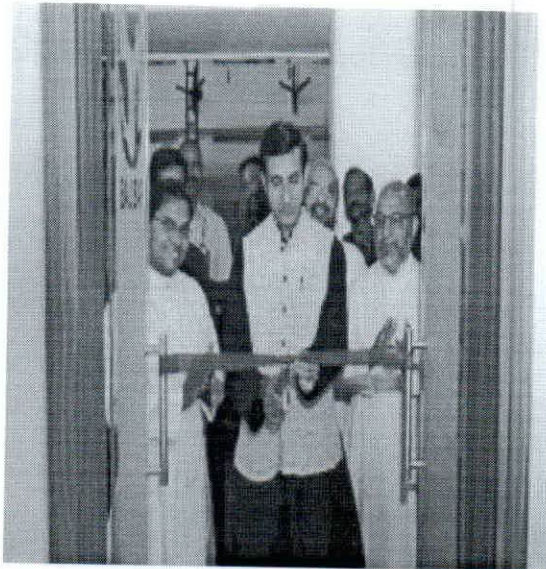
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETIKATTIRI P.O., CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

Jyothi FabLab Inauguration



Jyothi FabLab Officially Inaugurated by KTU pro Vice-Chancellor on May 07th 2018.

Jyothi Engineering College has started a mini fablab(mini fabrication laboratory) with support of APJ Abdul Kalam Technological university and Kerala Startup Mission(KSUM) in the college campus. JECC Mini Fablab is the one of the first 20 mini fablab in kerala. Each Mini fablab contain machineries, tools and consumables cost of 50 lakh Indian rupees. All the equipments are imported from fablab foundation USA and equipments delivered in our college on May first week .First phase of training program held at Trivandrum Fablab for the mini fablab staff on December 2016. A fablab graduate assigned by fablab foundation can only authorise to install the equipments . JECC fablab installed by Mr Louies (Portugal Fabalab) and KSUM staff..The well advanced FABLAB of JECC provides the students a chance to turn their ideas into new prototypes and products.

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthy P.O.- 679 531



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New Product Development Course

THINK IT MAKE IT

This course aims to provide learners with the essential information necessary to design and create new new products for market. Jyothi fab lab enables you to create a development strategy for your product ideas and assist you in visualizing and prototyping your products

- Understand recent product design innovations
- Study concept development techniques
- Examine digital fabrications technology
- Learn essential research methods
- Get insight into the best ways to present your works to investors and potential clients





What is FABLAB

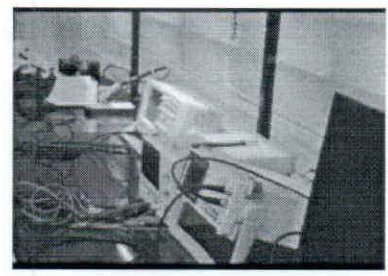
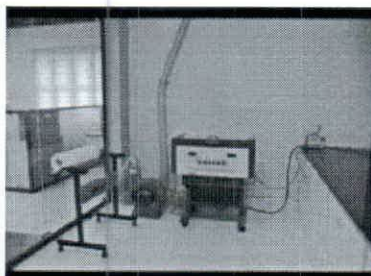
Fablab is a digital fabrication facility providing enterprises creatives, schools and hobbyists access to wide range of fabrication technologies that allow them to turn their ideas into new prototypes and products

Who is it for

The course would suit those interested in developing new products and who wish to learn essential product design methods and skills





honyo

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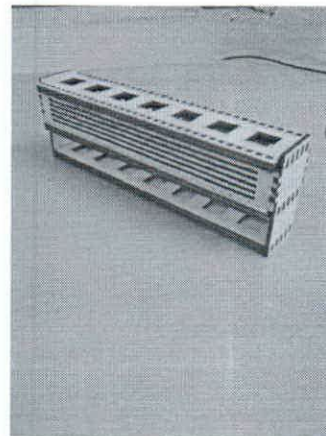
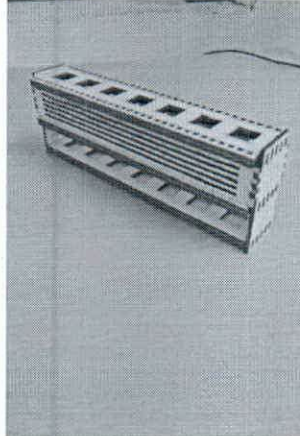


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Facilities

- 3D printer
- Laser Cutter
- Vinyl Cutter
- CNC Machine
- Electronic Workbench

Student's Project



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Principal
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 www.jyothi.ac.in | E-mail : info@jyothi.ac.in



RECEIPT

Receipt No: 6 Date: 2 Apr 2019

Name : Fab lab Course Fee Dept:

Batch: Sem: Mode of Payment: Cash

*Cheque / DD No: Dt: Bank:

Sl.No.	Purpose of Remittance / Head of Account	Amount Rs.
1	Other Receipts	2,400.00
TOTAL		2,400.00

Amount in words.....Two Thousand Four Hundred Indian Rupees Only For **Jyothi Engineering College**

*Cheques are subject to realisation. Authorised Signatory

Wants

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 www.jyoti.ac.in | E-mail: info@jyoti.ac.in

RECEIPT

Receipt No: 7 Date: 24 Apr 2016

Name: Fab. Lab. Project Work Dept:

Batch: Sem: Mode of Payment: Cash

*Cheque / DD No: Dt. Bank:

Sl.No.	Purpose of Remittance / Head of Account	Amount Rs.
1	Other Receipts	337.00
TOTAL		337.00

Amount in words: Three Hundred Thirty Seven Indian Rupees Only For Jyothi Engineering College

*Cheques are subject to realisation.

Authorised Signatory

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Jyothi Engineering College Mail - Request for project work by... <https://mail.google.com/mail/u/0/?ik=36542cc5a1&view=ptk&se...>

FAB lab <fablab@jecc.ac.in>

Request for project work by EEE students
2 messages

Fri, Mar 22, 2019 at 12:18 PM

FAB lab <fablab@jecc.ac.in>
To: "Fr.Roy Joseph Vadakkan" <fr.royjoseph@jecc.ac.in>, "Fr.Dr.Jaison Paul Molenikkal CMI" <principal@jecc.ac.in>
Cc: Jinesh K J <jineshkj@jecc.ac.in>, Shijin K M <shijinkm@jecc.ac.in>, "Fr.David Nettikadan" <davidnettikadan@jecc.ac.in>

Respected Sir,
Mr. Austine & team, S8 EEE requested to print a 3D part for their academic project. fabalab team calculated estimate and its given below.

Name of Applicant	Austine			
Branch and Sem	S8 EEE			
FAB LAB PROJECT ESTIMATE				
	WEIGHT(8Rs/g)		MACHINE RUNNING (time 35rs/hr)	
PART NAME	MATERIAL (g)	RATE(Rs)	HOUR (min)	RATE (Rs)
SENSOR BASE	19	152	5hr, 27min	185

Total Material(gms)	19	152
Total Machine Hour	5.27	185
TOTAL AMOUNT		337

Wms

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To
 Dr. Fr. Jason Paul Mulerikkal CMT
 Principal
 Jyothi Engineering College, Cheruthuruthy

From
 ABEL TOMY
 AKHILESH BABU
 ARJUN SURESH
 DANNY C DENNY
 (S8-ME A)

Subject: Regarding discount in fee for using FABLAB

Respected Father,

As part of our designing project we are designing a mechanical CVT, for the prototyping of project we need use the 3-D printer in fab-lab and estimated fees for 3-D printing will be Rs 5156/- ~~6000/-~~

As students it is difficult for us to raise such an amount, so kindly allow us to use fablab at

Some discount
 Can be done according to
 each water for first year

Cheruthuruthy

09-11-2018

May be done w- FAB LAB
 or certain discmt.
 - Forwarded to principals office

Project Guide: BUN CN
 Design Project co-ordinator
 ABEL TOMY
 AKHILESH BABU
 ARJUN SURESH
 DANNY C DENNY

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Name of Applicant		JESVIN (S8 EC)		
Branch and Sem		S8 ECE		
FAB LAB PROJECT BILL				
PART NAME	WEIGHT(Rs/g)		MACHINE RUNNING (time 170rs/hr)	
	MATERIAL (g)	RATE(Rs)	HOUR (min)	RATE (Rs)
BACK VENTILATION			7.56	
FAN HOLDER			6.4	
LOWER 01			7.58	
LOWER 02			8.28	
SIDE PLATES			4.24	
UPPER 01			11.16	
UPPER 02			11.16	
PRINT HOLDER SUPPORT			2.54	
PRINT HOLDER			5.06	
			0	
			0	
			0	
			0	
			0	
			0	
			0	

Total Material(gms)	1 sheet	400
Total Machine Hour	1 Hr 5 Min	184
TOTAL AMOUNT		584

Fr. David
Fr. David Nettiakadan

JW
SUNNY JOSEPH

[Signature]

[Signature]

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