ABOUT INSTITUTION:

Global Institute of Engineering and Technology, Hyderabad, Telangana is affiliated to JNTUH & approved by AICTE. GIET was established in the year 2006 with a vision. To produce technologically skilled Engineers of world class competency to address global challenges .GIET nurtures and supports a unique system of education structure on values and combines the tenets of the academic excellence with corporate professionalism. The primary objective at Global Institute of Engineering and Technology is to impart quality education which leads to quality living. Located at Moinabad, the sprawling campus spread over 28 acres of lush greenery creates the most conducive environment for education. GIET offers under graduate programmes in ECE ,EEE ,CSE, CE, ME ,CSE(AIML), CSE(DS)* and post graduate programmes Embedded Systems & Structural Engineering.

The system Of educational Global Institute of Engineering & Technology grooms the students to rise into professionals and leaders of high academic caliber with unblemished character, Dedicated experienced and qualified faculty help in honing the skills of students at early level of their learning.

ABOUT THE ECE DEPARTMENT:

The Department has good infrastructural facilities and is equipped with full-fledged laboratories. The Department also has audio-visual teaching aids with LCD for effective teaching. Keeping pace with the Global Trends GIET has established advanced labs in Digital Electronics, Mobile Communication, Embedded Systems ,VLSI Design, Microwave Engineering etc. Main thrust of ECE Department is to provide better quality education required by the present industry and train the students in new technologies to equip them to cater to the present global requirements. The Department is offering M.Tech in Embedded Systems.

ABOUT THE CERTIFICATE COURSE:

This course elucidates concepts related to PCB fabrication is the process or procedure that transforms a circuit board design into a physical structure based upon the specifications provided in the design package. This physical manifestation is achieved through the following actions or techniques: Imaging desired layout on copper clad laminates.

Speakers:

- Mrs.Nuzath Unnisa Begum Asst. Professor, ECE, GIET
- Mr. Ahmed
 Zeeshan Asst.
 Professor and Head
 ECE ,GIET.
- Mr. Indranil Gupta, Technical Engineer, Coreel Technologies Pvt. Ltd, Hyd.

TOPICS TO BE COVERED:

- · Introduction to PCB layout
- Description of Electronic Component
- Technologies, Materials, Software tools in PCB Design
- · PCB fabrication process
- · Testing and Trouble shooting

Below are the means to help you with your self-reflection, self-verification:

- 1. Attendance: This Certificate Course is like a sentence spoken over 6 days. With Hands on. Participation in all sessions is desirable to get all the proposals being put forth.
- 2. **Assignments:** There will be session wise assignment which need to be submitted.
- 3. Course Outcome Evaluation:

 Exam will be Conducted on last of Course for which you need to get 80% in order to receive Certificate.
- 4. Feedback

^{*}Waiting for approval from JNTU

ORGANIZING COMMITTEE:

Chief Patron:

Mr. Arif uddin

M.Phil

Secretary MEWS

Patron:

 Mr. KM Fasih uddin, Director GPC

Co-Patrons:

 Prof .RavindraTiwari, Dean GPC

Prof. K Sivalingam, Principal GIET

Organizing Secretary:

Mr. G. Ahmed Zeeshan BE., M.Tech. ,(Ph.D).,LMISTE Head ECE

Committee Members:

1.	Dr. S. Padam Priyal	Prof, Dept of ECE
2.	Dr.Ch .Venkateswara Rao	Prof, Dept of ECE
3.	Mrs. Nuzath Unnisa Begum	Asst. Prof, Dept of ECE
4.	Mr. D Kamalakar Reddy	Asst .Prof ,Dept of ECE
5.	Mr. Faizur Rahman Babul	Asst .Prof, Dept of ECE
6.	Ms. Imrose Basha	Asst. Prof, Dept of ECE
7.	Mrs .Anwar Jahan	Asst .Prof, Dept of ECE
8.	Ms. M Sai Chandana	Asst .Prof ,Dept of ECE
9.	Mr .G Uday Kumar	Asst. Prof, Dept of ECE
10.	Mr. G Hari krishna	Asst. Prof, Dept of ECE

How to Apply:

Interested students are required to fill Registration Form online only through Google forms at the link given below

https://forms.gle/1nkUqovXxDSpaGH89

Registration should be done between 01/01/2018 to 02/01/2018
Limited Registrations. First Come First Serve

WHO SHOULD ATTEND?

The Course is designed for B.Tech students of ECE

COORDINATOR:

Mrs.Ishrath Unisa Asst. Prof Dept of ECE Mobile: 9985951957

GLOBALINSTITUTEOF ENGINEERING& TECHNOLOGY



A Workshop On "PCB Design and Fabrication" (03rd-04th January, 2018)



Organized by
DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
GLOBAL INSTITUTE OF ENGINEERING
& TECHNOLOGY

(A NAAC Accredited Institution, Approved by AICTE & Affiliated to JNTUH)

Recognized undersection2(f) of UGC Act 1956
An ISO 9001:2015 Certified Institution
Chilkur (V), Moinabad (M), RR Dist – TS
Phone No:+91-9985-359-601
+91-879-010-1015 +91+919959250205

E-mail:

principal.giet.u6@gmail.comgieteng@gmail.com Website:www.globalhyd.edu.in



(Approved by AICTE & Affiliated to JNTUH)
Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

Phone: 8790101015/9959250205

e-mail: principal giet.u6@gmail.com

JNTUH Code(U6) CIVIL - CSE - MECH - ECE - EEE - MBA - M.Tech. EAMCET Code-GLOB

Department of Electronics and Communication Engineering

G Ahmed Zeeshan

BE.,M.Tech.,(Ph.D) MISTE.,MISOI.,MIEEE(USA) Assistant Professor & Head

Date: 12/12/2017

CIRCULAR

The Department of Electronics and Communication Engineering is hosting for *A Two Day Workshop on PCB Design & Fabrication* for the students of B. Tech.(ECE) in Room No. 04 on 03rd January 2018 & 04th January 2018. All the students of B.Tech (ECE) are hereby informed to register for the course on or before 02nd January 2018. The Co-Ordinator for the course is Mrs.Ishrath Unisa, Assistant Professor, Department of ECE.

Department of Electronics & Communication Eng Global Institute of Engineering & Technolog Chilkur (V)., Moinabad (M)., R.R. Dist.T.S.-50150

Cc to:
Principal
Co ordinator IQAC
Mentors
Training & Placement Cell
Notice board
File





(Approved by AICTE & Affilated to JNTUH)
SURVEY NO 179,CHILKUR(V),MOINABAD(M),RANGAREDDY DIST,T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Workshop On

PCB Design & Fabrication 03rd & 04th January, 2018) PROGRAMME SCHEDULE

THE REPORT OF	TIME	SESSION	SPEAKER	
	9:30 AM - 10:00 AM	Inauguration	**	
	10:00 AM - 11:00 AM	Introduction to PCB	Mr.Ahmed Zeeshan, Asst. Professor ECE, GIET	
Day 1	11:00 AM - 11:30 AM	Н	IGH TEA	
	11:30 AM - 01:00 PM	PCB Designing Process	Prof. Srinivasulu, Professor of ECE,CBIT	
	01:00 PM - 02:00 PM	LUN	ICH BREAK	
	02:00 PM - 03:30 PM	Technologies, Materials, Software tools in PCB Design	Mr. Vinay Kumar Design Engineer, NexoftPvt.Ltd., Hyd.	
	TIME	SESSION	SPEAKER	
	09:30 AM - 11:00 AM	PCB Manufacturing Process	Dr. Ravi Kumar, Professor of ECE, Siddhartha Inst. of Engg.& Tech.	
	11:00 AM - 11:15 AM	TE	A BREAK	
Day 2	11:15 AM - 01:00 PM	Multilayer PCB Dr. Ravi Kumar, Professor of ECE, Siddhartha Inst. of Engg. & Tech.		
	01:00 PM - 02:00 PM	LUN	CH BREAK	
	02:00 PM - 03:30 PM	Valedictory Function , Feedback and Certificate Distribution		

Co- Ordinator Mrs.Ishrath Unisa Assistant Professor Department of ECE



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SURVEY NO 179,CHILKUR(V),MOINABAD(M),RANGAREDDY DIST,T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Workshop

On

PCB DESIGN & FABRICATION

(03rd & 04th January,2018) <u>LIST OF PARTICIPANTS</u>

S. NO:	NAME OF THE PARTICIPANT	
1.	VEM VAMSHI	
2.	AFREEN BEGUM	
3.	ASRA FARDEEN	
4.	BADDAMOLLA SHIREESHA	
5.	BOGULAPALLY KARTHIK KUMAR REDDY	
6.	CHIDDANNA REVANTH	
7.	DESIBOYINA BHARGAV SAI	
8.	JANGAM VIKAS KUMAR	
9.	KAUSER BEGUM	
10.	MOHD KAZIM SHARIF	
11.	N SOWMYA	
12.	NALLA POOJA REDDY	
13.	NANDAMURI NARENDRA	
14.	PANDAOULA SHASHIKUMAR	
15.	SHEELAM RAMAKRISHNA	
16.	SUMMAIYA	
17.	YANAGANDULA SURESH	
18.	A YAMUNA	
19.	KARUPURAM BHAVANA	
20.	MOHAMMED ABDUL BARI KHAN	
21.	POTTA RAGHAVENDER	
22.	SANKOJI KRISHNAVENI	
23.	SANTHAPURAM NIKHIL	

Co- Ordinator Mrs. Ishrath Unisa Assistant Professor Department of ECE

GLOBAL

GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

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SURVEY NO 179, CHILKUR(V),MOINABAD(M),RANGAREDDY DIST,T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

A Two Day Workshop

On

PCB Design & Fabrication (03rd & 04th January, 2018) REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : KARUPURAM BHAVANA

: 17065A0402

Course/Year : B. TELM / II

Department : ELE

Roll No

E-mail : krais

Krishnamudhinaj 1964@gnail.com

Phone No : 6302389431

Signature of Participant

For Office use only

Approved/ Not Approved

Signature of Coordinator



(Approved by AICTE & Affiliated to JNTUH)
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING A Two Day Workshop

PCB Design & Fabrication (03rd & 04th January, 2018)
ATTENDANCE SHEET

'n	.4	·ω	2.	1.		S.No.	
BOGULAPALLY KARTHIK KUMAR REDDY	BADDAMOLLA SHIREESHA	ASRA FARDEEN	AFREEN BEGUM	VEM VAMSHI		Name of the Participant	
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Head of the Department

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Global Institute of Engs. & Tech
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING A Two Day Workshop

PCB Design & Fabrication (03rd & 04th January, 2018)
ATTENDANCE SHEET

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10.	MOHD KAZIM SHARIF	B.Tech	п	1000	Due (De la company de	Bry.

Co Ordinator W

Chilkur (V)

Head of the Department

Global Institute of Engineering & Technology Chilkur (V)., Moinabad (M)., R.R. Dist.T.S.-501564 Department of Electronics & Communication Engg

Chilkur (V), Moinabad (M) R. R. Dist



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING A Two Day Workshop

PCB Design & Fabrication (03rd & 04th January, 2018)

ATTENDANCE SHEET

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Head of the Department 1000 01/2018

Department of Electronics & Communication Engg. (E) (Chilkur (V).)

Global Institute of Engineering & Technology
Chilkur (V). Moinabad (M)...R.R. Dist. T.S. 501504. (E) (CC-1.15)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING A Two Day Workshop

PCB Design & Fabrication (03rd & 04th January, 2018) ATTENDANCE SHEET

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Head of the Department

Global Institute of Engineering & Technology Chilkur (V)., Moinabad (M)., R.R. Dist.T.S.-501504.

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SURVEY NO 179, CHILKUR(V), MOINABAD(M), RANGAREDDY DIST, T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING A Two Day Workshop

PCB Design & Fabrication (03th & 04th January, 2018)

ATTENDANCE SHEET

					Si	Signature	
S.No.	Name of the Participant	Programme	Year	Day-1 (03	3/01/2018)	Day-1 (03/01/2018) Day-2 (04/01/2018)	
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22.	SANKOJI KRISHNAVENI	B. Tech	п	Marish o	Double	Bookish	_
23.	SANTHAPURAM NIKHIL	B. Tech	п	Nikhil Nikhil	Nikhil	Nikhil	Nikkil



Department of Head of the Department Global Institute of Engineering & Communication Engg.

Obbal Institute of Engineering & Technology
Chilkur (V), Moinsbad (M), R.R. Disc F.S.-501564.



Global Institute of Engg. & Tech Chilkur (V), Moinabad (M) R. R. Dist



(Approved by AICTE & Affiliated to JNTUH) No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS. Phone: 8790101015 / 9959250205

e-mail: principal, giet u6 @gmail.com JNTUH Code(U6) CIVIL - CSE - MECH - ECE - EEE - MBA - M.Tech. EAMCET Code-GLOB

Department of Electronics and Communication Engineering

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Workshop Machine Learning (3rd & 4th January, 2018)

FEEDBACK FORM

Please valuate your rating of the course by placing a tick in the appropriate box. 1. Poor 2. Satisfactory 3. Good 4. Very good 5. Excellent

Branch and Year: BCE Deys			Г	Pate: Ulilla	
ASPECTS			RATING		
	Excellent	Very good	Good	Satisfactory	Poor
	5	4	3	2	1
Relevance of contents	-				
Trainer was knowledgeable and skillful					
Quality of input provided					
Quality of presentations	-				
Adherence to the time schedule	-				
Opportunity given to participant to clear doubts	-				
Identify ways to build on current skills and knowledge	-				
Overall learning experience					

How has the course enhanced your skills or understanding of this topic?

Excellent

Specify problems faced by you during the course?

REPORT ON

TWO DAY WORKSHOP: PCB DESIGN & FABRICATION

HELD AT

GLOBAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD

(03rd & 04th January, 2018)

A Two day Workshop titled "PCB Design & Fabrication" was organized by department of Electronics & Communication Engineering OF GIET, HYDERABAD the workshop commenced with inaugural ceremony at 9:30 AM Mr.G.Ahmed Zeeshan, Assistant Professor ECE, GIET. Welcomed all the dignitaries present on the dais and colleagues & students. He mentioned about the significance of the workshop. Prof. Srinivasulu, Professor of ECE, CBIT described the importance of PCB in electronics and communication engineering and how they are interconnected from a long time. He motivated everyone to actively participate in the workshop to get benefited.

Day 1: The Technical session started at 10:00 AM, Mr.G.Ahmed Zeeshan, Assistant Professor ECE, GIET. Delivered a topic on "Introduction to PCB". He discussed about evolution of PCB and its various applications. Prof. Srinivasulu, Professor, CBIT explained the "PCB Designing Process" in which sir explained about various designing methologies of PCB from 11:30 AM to 1:00 PM. The next speaker Mr. Vinay Kumar, Design Engineer, Nexoft Pvt.Ltd., Hyd lectured on "Technologies, Materials, Software tools in PCB Design" which includes different technologies used for designing of PCB. He also discussed the types of substrates used and dielectric constants and various tools from 2:00 PM to 3:30 PM.

Day 2: Session started at 9:30 am, Dr. Ravi Kumar, Professor of ECE, Siddhartha Inst. of Engg. & Tech. delivered two lectures on "PCB Manufacturing process" & "Multilayer PCB". He discussed about PCB Manufacturing steps and explained each step with its schematic diagram in first session. Followed by the Multilayer PCB and its uses in second session. Both the sessions gives hands on experience of PCB Fabrication process. The workshop concludes with validatory function, feedback and certificate distribution.

Co Ordinator Mrs. Ishrath Unisa Assistant Professor Department of ECE



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Workshop

PCB DESIGN & FABRICATION (03rd & 04th January 2018)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms/Mr. KARUPURAM BHAVANA

has attended a Two Day Works

bearing roll number

17065A0402

FABRICATION" held on 03rd January 2018 & 04th January 2018 at Global Institute of Engineering a

(Ishrath Unisa) Co-Ordinator

Head of the Department

(G. Ahmed Zeeshan)

Principal

(Dr. V. V. V. S Murthy)



Approved by AICTE & Affiliated to JNTUH)
Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Workshop

PCB DESIGN & FABRICATION

(03rd & 04th January 2018)

CERTIFICATE OF PARTICIPATION

AFREEN BEGUM

This is to certify that Ms./Mr.

bearing roll number |6061A0401

has attended a Two Day Works

DESIGN&

FABRICATION" held on 03rd January 2018 & 04th January 2018 at Global Institute of Engineering at

Co-Ordinator

(Ishrath Unisa)

Head of the Department (G. Ahmed Zeeshan)

Principal

(Dr. V. V. V. S Murthy)



Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS. Approved by AICTE & Affiliated to JNTUH)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Workshop

PCB DESIGN & FABRICATION (03rd & 04th January 2018)

CERTIFICATE OF PARTICIPATION

A YAMUNA

This is to certify that Ms./Mr.

bearing roll number 17U65A0401

has attended a Two Day Works

ESIGN&

FABRICATION" held on 03rd January 2018 & 04th January 2018 at Global Institute of Engineering at

Co-Ordinator

(Ishrath Unisa)

Head of the Department (G. Ahmed Zeeshan)

Principal

(Dr. V. V. V. S Murthy)