



AICTE - CII GOLD CATEGORY INSTITUTE
2015, 2016, 2017, 2018, 219 & 2020



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA

CENTRE FOR INNOVATION, INCUBATION, RESEARCH & ENTREPRENEURSHIP (C-i²RE)

PCB Architects

Date: 02-02-2024

Time: 10:15 AM

For Sumshodhini'23 The PCB Lab under C-i²RE conducted the event, " PCB Architects".

Dr V Raju Reddy sir commenced the session with a brief overview of the printed circuit board (PCB) designing. The students are then divided into two batches, each batch dealing with fabrication and software prototyping.

The first batch of fabrication was first taken through the process of manual designing of positive film using donuts and trackers on an acrylic sheet based on circuit diagram. This session was guided by Deepika with the assistance of Neha.

Then two sub-batches of Girls were taken to the dark room ,where they received an in-depth explanation about the preparation of negative film, dipcoat, UV exposure and dye developer. The student coordinators for this session were Sanjana and Anjali.

Another two sub-batches of boys were taken to the dark room where they received an in-depth explanation about the preparation of negative film by dipcoat, UV exposure and dye developer. The student coordinators for this session were Akash and Sai Charan.

Above dark room steps were done alternatively by the two teams of student coordinators Anjali,Sanjana,Akash and Sai Charan.

After developing the circuit on copper clad board, then the students were guided through the processes of etching, i.e., removal of the unwanted copper material and tinning by student coordinators Koushika and Arun. Umamaheshwar and Deepak assisted the students with drilling and soldering. At last, the student coordinators tested the circuit boards made by the students and offered valuable insights.

Simultaneously the second batch were introduced to the software Designing by Dhanush, Easyeda is the software tool to build circuits online, which converts schematic to PCB layout. The student coordinators, Ananya, Prem, Venu, also explained about 3D view and assisted students in building their own software design and cleared the doubts they had through the session.

The afternoon session began with an overview to the second batch of students and went through the same as batch 1 .

Overall workshop was assisted by student coordinators Abhinay and Akhila.

Date: 03-02-2024

Time: 10:15 AM

Day 2 of PCB Architects in Sumshodhini'23 in the PCB Lab under C-i²RE .

Dr V Raju Reddy sir commenced the session with a brief overview of the printed circuit board (PCB) designing. The participants were guided to fabrication, which was first taken through the process of manual designing of positive film using donuts and trackers on an acrylic sheet based on circuit diagram. This session was guided by Neha with the assistance of Deepika.

Two sub-batches of Girls then were taken to the dark room where they received an in-depth explanation about the preparation of negative film, dipcoat, UV exposure and dye developer. The student coordinators for this session were Sanjana and Anjali.

Next with Another two batches of boys with student coordinators for this session were Akash and Sai Charan.

Above dark room steps were done alternatively by the two teams of student coordinators.

After developing the circuit on copper clad board, the students then were guided through the processes of etching, i.e., removal of the unwanted copper material and tinning by student coordinators Koushika and Arun.

Umamaheshwar and Deepak assisted the students with drilling and soldering. At last, the student coordinators tested the circuit boards made by the students and offered valuable insights.

Session 2: After lunch. This batch was introduced to software prototyping through Easyeda by Dhanush, a software tool to build circuits online, which converts schematic to PCB layout. The student coordinators, Ananya, Prem, Venu, also explained about 3D view and assisted students in building their own software design and with any doubts they had through the session.

Overall workshop was assisted by student coordinators Abhinay and Akhila.

After completion of the overall workshop, participants have given their feedback towards the workshop, how this knowledge is going to help them in career guidance. Head center of I2RE Dr K.Raja Narendra Reddy sir and AICTE co-coordinator Dr V.Raju Reddy sir have presented the Participants with Key chains with their names printed on it as a token of appreciation.

Date: 04-02-2024

Time: 10:15 AM

Day 3 of PCB Architects in Sumshodhini'23 in the PCB Lab under C-i²RE .

Dr V Raju Reddy sir commenced the session with a brief overview of the printed circuit board (PCB) designing. The participants were guided to fabrication, which was first taken through the process of manual designing of positive film using donuts and trackers on an acrylic sheet based on circuit diagram. This session was guided by Neha with the assistance of Deepika.

Two sub-batches of Girls then were taken to the dark room where they received an in-depth explanation about the preparation of negative film, dipcoat, UV exposure and dye developer. The student coordinators for this session were Sanjana and Anjali.

Next with Another two batches of boys with student coordinators for this session were Akash and Sai Charan.

Above dark room steps were done alternatively by the two teams of student coordinators.

After developing the circuit on copper clad board, the students then were guided through the processes of etching, i.e., removal of the unwanted copper material and tinning by student coordinators Koushika and Arun.

Umamaheshwar and Deepak assisted the students with drilling and soldering. At last, the student coordinators tested the circuit boards made by the students and offered valuable insights.

Session 2: After lunch. This batch was introduced to software prototyping through Easyeda by Dhanush, a software tool to build circuits online, which converts schematic to PCB layout. The student coordinators, Ananya, Prem, Venu, also explained about 3D view and assisted students in building their own software design and with any doubts they had through the session.

Overall workshop was assisted by student coordinators Abhinay and Akhila.

After completion of the overall workshop, participants have given their feedback towards the workshop, how this knowledge is going to help them in career guidance. Head center of I2RE Dr K.Raja Narendra Reddy sir and AICTE co-coordinator Dr V.Raju Reddy sir have presented the Participants with Key chains with their names printed on it as a token of appreciation.

Student co-ordinators:

G. Dhanush - B21EC097

S.Mokshith B21EC084

G. Akash B22EC2031

G. Anjali - B21EC114

J.Neha B21EC098

Rupesh Kumar Neerla B21ME130L

M. Koushika -B21EC099

R. Deepak Kumar - B21EC067

S.Sanjana B21EC102

K.Sai Deepika B21EC117

Faculty coordinators:

Dr.V.Raju Reddy

Dr.K.Raja Narendra Reddy

List of Participants:-

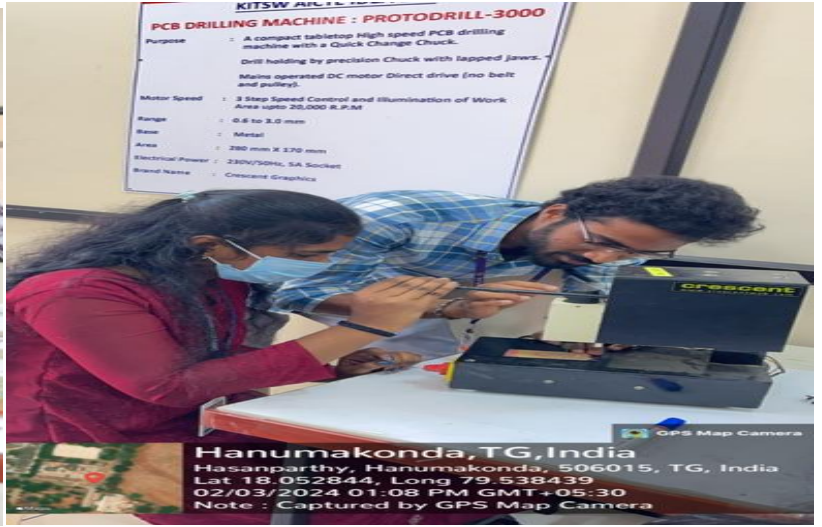
Full Name	College name	Branch	Roll no	Year
Mohammed Abdul Razzak	SR University	ECE	2005A41044	4th year
Guduru Siri, kamuni Navya	Christu jyothi Institute of technology and sciences	ECE	21681A0428	3rd year
Vinay Ganda	Christu Jyothi institute of technology and science	Ece	216681A0423	3rd year
Kundarapupadmapriya , erlaajay	Christu Jyothi institute of technology & science	ECE	21681A0443, 21681A0420	3rd year
Chidurala Sagarika Dusari Divya	christu Jyothi institute of technology and science	ECE	21681A0415, 21681A0419	3rd year
Chada Samyogitha, Kadaboina Kaveri	CJITS	ECE	21681A0412, 21681A0430	3rd year
Sudeep, prashamsun	Cjits	Ece	21681A0422, 21681A0435	3rd year
Banoth.Nandini	Cjits	ECE	21681A0407	3rd year
Kurapati Swathi, Koyalkar Rakshitha	Cjits	ECE	21681A0444, 21681A0442	3rd year
B. Ujwala, M. Sousnika	Cjits	Ece	21681A0408, 21681A0450	3rd year
Gangaraboinauma Rani , gangishetty bhavana	Christu Jyothi institute and technology and science	Ece	21681A0424, 21681A0425	3rd year
Balaboina Ashwini, Gade sadhya rani	Christu jyothi Institute of technology & science	ECE	21681A0406, 21681A0421	3rd year
Pooja sri ,anusha	CJITS	Ece	21681A0474, 21681A0476	3rd year
Mandala Divya	CJITS	ECE	22685A0408	3rd year

K.ujwalaM.sravani	Christu Jyothi institute of technology and science	Ece	21681A0437	3rd year
Naroju.Usha	Christu jyothi institute of technology and science	ECE	22685A0410	3rd year
Supritha pothakanoori , shivanikongari	Cjits	Ece	21681A0461 , 21681A0483	3rd year
Priyanka Kalakoti, vennelachoppari	Christu Jyothi institute of technology	ECE	21681A0431 ,21681A0417	3rd year
B.chandini B.akshitha	Christu Jyothi institute of technology and science Colombo nagaryeshwanthapur	ECE	21681A0409, 21681A0411	3rd year
N.Apoorva, T.Naveen	CJITS	ECE	21681A0453, 21681A0469	3rd year
Cheripelli. Ramya	Cjits	ECE	21681A0414	3rd year
R .sai Deepika P.Alekhyia	CJITS	ECE	21681A0478, 21681A0459	3rd year
Kotari Sravanthi , Ghanapuram Navya	Christu Jyothi institute of technology	ECE	21681A0440, 21681A0426	3rd year
Babburu Ravi chander	Christu jyothi institute of technology & science (cjits)	ECE	21681A0404	3rd year
Lavishetti Navya Sri, Mukka Navya	Christu Jyothi Institute of technology and science	ECE	21681A0445, 21681A0449	3rd year
CH Akhil, CH.Sandeep	Cjit's	Ece	21681A0416, 21681A0413	3rd year
Samudrala Nikhitha	Christu Jyothi institute of technology and science	ECE	21681A0466	3rd year
Koude Raju , Manda Rajashekhar	Christu Jyothi institute of technology and science	ECE	21681A0441, 21681A0447	3rd year

Gaddam.sandeep	CJITS	ECE	22685A0403	3rd year
Kuchanapallyvinay.	SR University	ECE	2005A41039.	4th year
K.yashwanth Y.vamshi	Christhu Jyothi institute of technology and science	ECE	22685A0407	3rd year
Vemula Krishnaveni	Christhu Jyothi institute of Technology and sciences	CSE	21681A05B6	3rd year
Sangem Maneesha , Bhukya Bhavitha	University college of engineering kakatiya University kothagudem	ECE	21017T1503 , 21017T1507	3rd year
H .saikumar , A.gopi	Unvirsiy college of engineering kakathiyaunvirsiy kothagude m	ECE	21017T1504 , 21017T1508	3rd year
Mallela Sneha Boragalajyothirmai	University college of engineering kakatiya University, Kothagudem.	ECE	21017T1505, 220171517L	3rd year
Kathe maheshwari Kothapellidivya	University college of engineering kakatiya University Kothagudem	ECE	21017T1501,220 171515L	3rd year
Kanukuntla Rajashekhar, maloth Mahesh	University college of engineering kakatiya university	ECE,ECE	220171513L, 21017T1502	3rd year
KEERTHI MANJUNADH , Govindu Abhilash	university college of engineering kakatiya university	ECE,ECE	220171510L, 220171518L	3rd year
CHEGURI GOPI CHANDU , KORIMI SAI ABHINAV	University College Of Engineering, Kakatiya University	ECE	220171514L, 220171512L	3rd year
GANIREDDY SRI LAKSHMI, BASOJU THRIVARNA KUMARI	University College of engineering kakatiya university	ECE	220171511L , 220171519L	3rd year
GANDU GANESH, KESUPAKA SAI SAGAR	UNIVERSITY COLLEGE OF ENGINEERING, KAKATHIYA UNIVERSITY	ECE	220171516L, 21017T1509	3rd year

Burra Neha Sree, Telugu supriya	University college of engineering (kakathiya University), kothagudem	ECE	220171237L, 220171241L	3rd year
Mekala chaitanya	Christu jyothi Institute of technology and science	EEE	21681A0212	3rd year
Chityala Ram Charan Teja and Vallepusanthosh	christhu Jyothi institute of technology and science	ECE	22685A0402 22685A0414	3rd year
M.vishwanath Rao	Sr university	EEE	2105A21021	3rd year
Yenagandula Naresh and Rudrarapusaivivek	Christhu Jyothi institute of technology and science	ECE	22685A0415 22685A0412	3rd year
Royyalapoojitha	Cjits	EEE	21681A0214	3rd year
Korra Thirupathi	Cjits	Ece	21681A0439	3rd year
N.sri ram	Cjits	Ece	21681A0452	3rd year

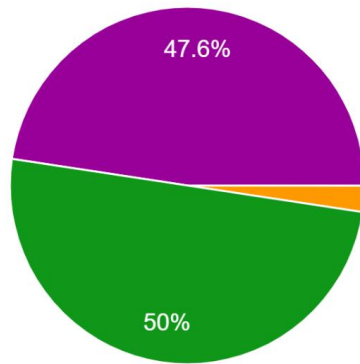
Event photos:



Feedback:-

Content Relevance

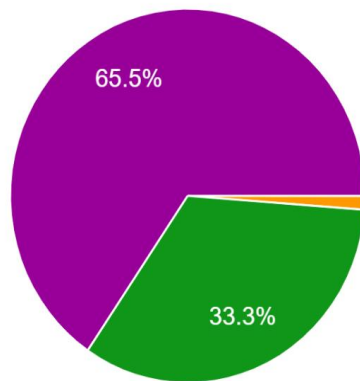
84 responses



- 1 - Poor
- 2 - Below Average
- 3 - Average
- 4 - Good
- 5 - Excellent

Overall Program Satisfaction

84 responses



- 1 - Poor
- 2 - Below Average
- 3 - Average
- 4 - Good
- 5 - Excellent