



EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI

Aided by Govt. of Kerala, Affiliated to University of Calicut
Reaccredited with A Grade by NAAC

ON-DAY WORKSHOP IN LED MANUFACTURING-Program Report

Double Main department of Mathematics and Physics

Date: 4/11/2022

DOUBLE MAIN DEPARTMENT OF MATHEMATICS & PHYSICS
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTY

Re-accredited with 'A' Grade by NAAC



Electronics for you -1

One day workshop on

LED Manufacturing



Resource Person:



Jemshihas

Lecturer Govt. Polytechnic College Thirurangadi
Young Innovator in
Agri Businesses Incubator KAU Trissur

LED bulb product Launch:



Lt Abdul Rasheed P

(Principal, EMEA College,
Kondotty)

NOV.
2022

04



PHYSICS LAB



FRIDAY

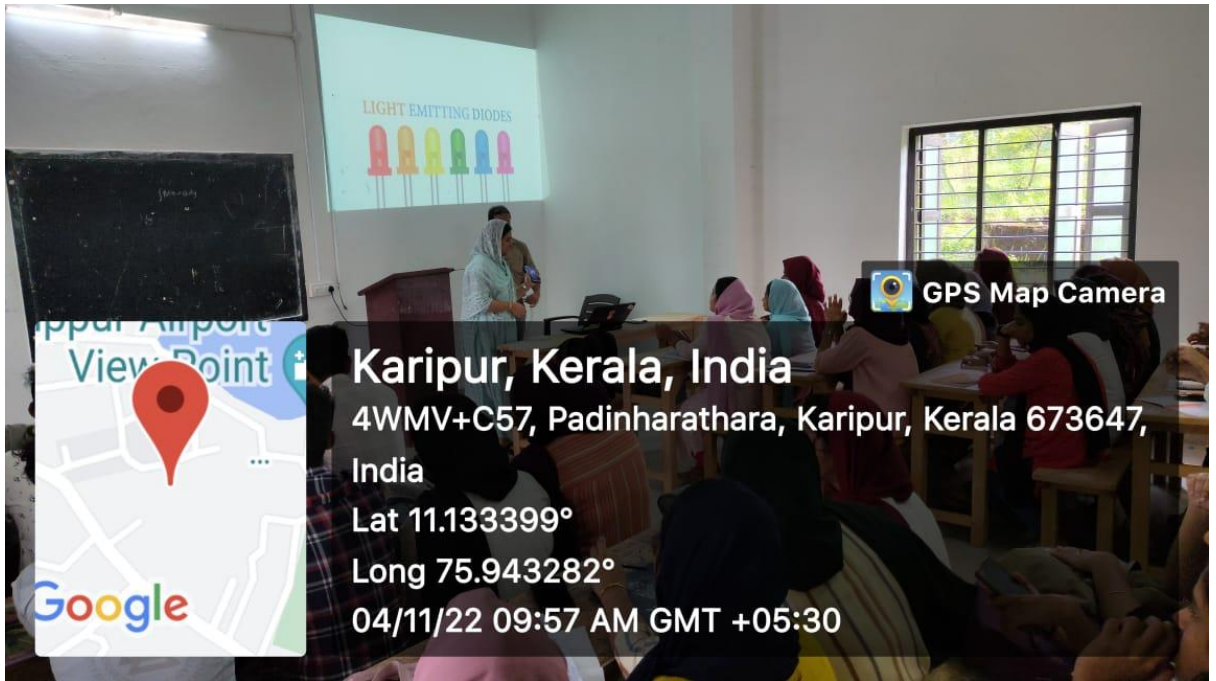
For Registration :
8848 382 072 (Naseeha)

Registration Fee: 100

Coordinator : Dr Ramsiya M - 9995 266 781

LED Manufacturing Workshop-Report

The Double Main department of Mathematics & Physics, EMEA college, Kondotty conducted a one-day workshop on LED manufacturing on 4/11/2022 with the aim of promoting skill development among graduate students. The workshop was started by the welcome speech of Head of the department Dr. Ramsiya M at 10.30 AM. The Resource person Jamshihis AP explains the basic theory of electronics and LED and also the advantage of using LED bulbs in power consumption. He stresses the advantage of LED bulbs including the increased efficiency, long life span, great colour rendering index, tremendous design flexibility etc. This class extend up to one hour covering all aspects of LED. Then the LED materials were distributed among the participants. The manufacturing equipment were set at the physics Lab and the students and faculties were actively engaged in manufacturing process. The manufacturing process consists of multiple stages including sorting, assembling, soldering, testing and packing of the bulbs. The launching of LED bulbs was done by the college principal Lt. Abdul Rasheed sir. The first year representative Naseeha and second year representative shifana sherin handed over the bulbs to Principal. After manufacturing process, students were engaged in repairing of the damaged LEDs under the supervision of the resource person Jamshihis. The LED repairing process extended up to 1 hour and they repaired many LED collected from the houses. Workshop was a wonderful experience for all students and they were actively participated. The students make more than 70 bulbs and distributed among the teachers, non-teaching staff. The program ended with the vote of thanks by Ansaba.



Karipur, Kerala, India

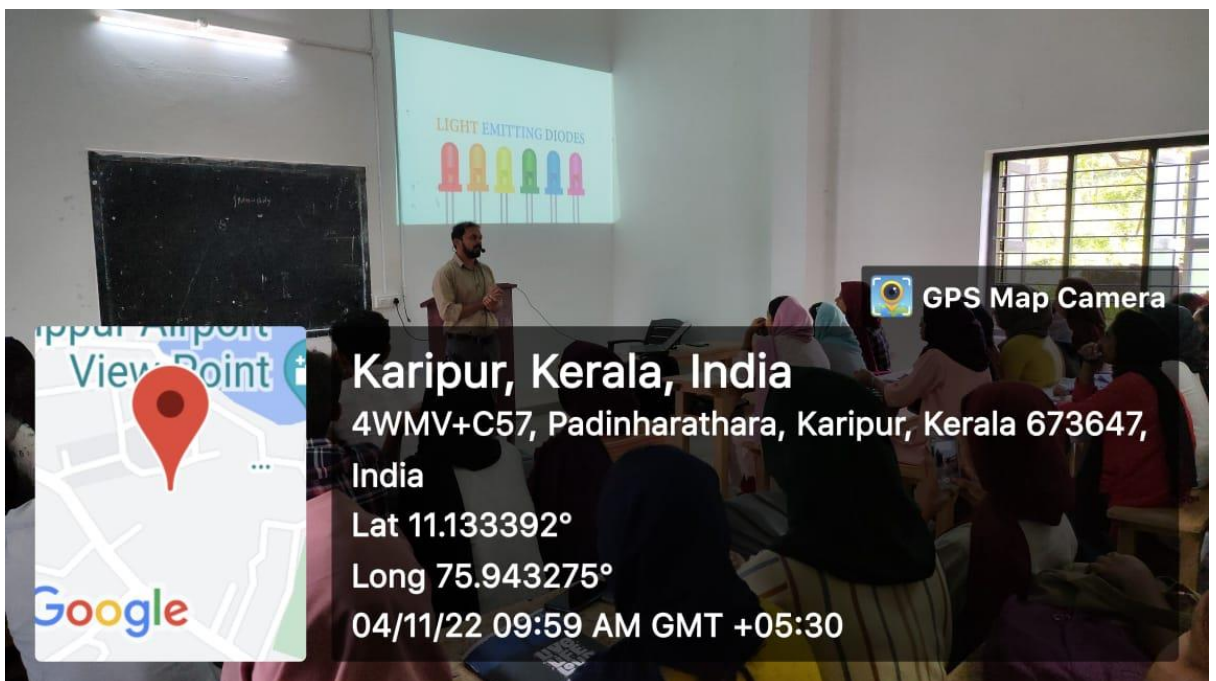
4WMV+C57, Padinharathara, Karipur, Kerala 673647,
India

Lat 11.133399°

Long 75.943282°

04/11/22 09:57 AM GMT +05:30

Welcome Speech by Dr. Ramsiya M



Karipur, Kerala, India

4WMV+C57, Padinharathara, Karipur, Kerala 673647,
India

Lat 11.133392°

Long 75.943275°

04/11/22 09:59 AM GMT +05:30

Resource person Jamshih AS explains the LED manufacturing steps



LED bulb launch by Principal Lt. Abdul Rasheed Sir



GPS Map Camera



Karipur, Kerala, India
4WMV+C3R, EMEA College - Airport Rd,
Padinharathara, Karipur, Kerala 673647, India
Lat 11.133744°
Long 75.942401°
04/11/22 02:58 PM GMT +05:30

LED Manufacturing Workshop

Venue: Physics Lab.

4/10/22

Resource person: Jamshid As

S.No	Name of Student	class	Signature
1	Fasna KP	1 st DM	
2	MUSSAFIRA-M	1 st DM	
3	Huda Safnat CT	1 st DM	
4	Ahna KC	1 st DM	
5	SHEFANA M	1 st DM	
6	Jumana Shrinip	1 st DM	
7	Fathima Nusuha K	1 st DM	
8	FATHIMA FIDA-V	1 st DM	
9	Sahla Jamini-P	1 st DM	
10	Naresha Sherin	1 st DM	
11	Ansa P K	1 st DM	
12	Kavya Shalini	1 st DM	
13	Ramees Kip	2 nd DM	
14	Shaba KB	2 nd DM	
15	Najwa	2 nd DM	
16	Mareeda CP	2 nd DM	
17	Fathima Fridha K	"	
18	Bethyga	"	
19	Ishara	"	
20	Fathima Shalini	"	
21	Fathima Busthane	"	
22	Fathima Radha	"	
23	Fathima Maha	"	
24	Ansa P K	"	
25	Shifana Sherin	"	
26	Zain Zaman	2 nd DM	
27	Sahin Adil K	"	
28	Muhammed Faseeh	"	

29	Mohammed Sman A.C	1 st DM	<u>Aman</u>
30	Hilalith Yusuf	1 st DM	<u>Hilalith</u>
31	Fahma Rasheen V	1 st DM	<u>Fahma</u>
32	IRFANI-P	1 st DM	<u>Irfaan</u>
33	Sameem Shani op	1 st DM	<u>Sameem</u>
34	Aqshadh roshan	1 st DM	<u>Aqshadh</u>
35	Mubashir	1 st DM	<u>Mubashir</u>
36	Selva MI	1 st DM	<u>Selva</u>
37	MANAL MOHAMMED	1 st DM	<u>Manal</u>
38	FARHATH SHERIN	1 st DM	<u>Farhath</u>
39	SHAMNU JIHAN	1 st DM	<u>Shamnu</u>
40	MIDLAT	1 st DM	<u>Midlat</u>
41	MIDLAT K-K	1 st DM	<u>Midlat</u>
42	Ashli ahmed lee	1 st	<u>Ashli</u>

Participant's list