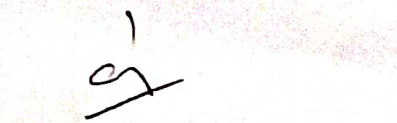


Attendance sheet for Hands on Training Course in Basic Electrical and Electronics Applications

Sl. No	Name of the Student	Class	17/03/22	24/03/22	31/03/22	07/04/22	14/04/22								
1.	Akhila U	Akhila	Akhila	Akhila	AS	Akhila	Akhila								
2.	Anan Farhana B	AS	AS	AS	AS		AS								
3.	Anchu R	Anuchur	Anuchur	AS	Anuchur	AS									
4.	Anisha Kumari A	Anusha	Anusha	AS	Anusha	Anusha									
5.	Aravind S R	Au	Au	Au	Au	Au									
6.	Ashna K Raj	Ashna Raj	Ashna Raj	AS	Ashna Raj	Ashna Raj									
7.	Asna Thasni S	Ashath	Ashath	Ashath	Ashath	Ashath									
8.	Asvitha N	N. Asvitha	N. Asvitha	AS	N. Asvitha	N. Asvitha									
9.	Berjin Jibi K L	Berjin	Berjin	AS	Berjin	Berjin									
10.	Bibinsha G S Stephen	Bibinsha	Bibinsha	Bibinsha	AS	AS									
11.	Blessy S S	Blessy	Blessy	Blessy		Blessy									
12.	Divya	Divya	Divya		Divya	Divya									
13.	Gopika L S	Gopika	Gopika	Gopika	Gopika	Gopika									
14.	Haleema S	S. Haleema	S. Haleema	AS	S. Haleema	S. Haleema									
15.	Jency Paul B	AS	AS	Jency Paul	AS	Jency Paul									
16.	Jenish	AS	AS	Jenish	Jenish	AS									
17.	Jibin	AS	AS	Jibin	AS	AS									
18.	Mano Ranjith V	Mano Ran	Mano Ran	Mano Ran	Mano Ran										
19.	Manoj Pramila P	Pral	Pral	Pral	Pral	Pral									
20.	Neela Shree	Neelashree	Neelashree	Neelashree	AS	Neelashree									
21.	Preetha	Preetha	Preetha	AS	Preetha	AS									
22.	Renuka R	R. Renuka	R. Renuka	AS	R. Renuka	R. Renuka									
23.	Sanila E	E. Sanila	E. Sanila	AS	E. Sanila	E. Sanila									
24.	Santhiya D	Santhiya	Santhiya	AS	Santhiya	AS									
25.	Sruveena	Sruveena	Sruveena	Sruveena	Sruveena	Sruveena									
26.	Vijaya lekshmi G	Vijaya lek	AS	AS	AS	AS									



Dr. M. ANANTHAN
Dept of Physics & Research Centre
Nanjil Catholic College of Arts & Science
Kaliyakkavilai - 629 153


Course Instructor
(Mr. F. Sahaya Raj)

Hands on Training in Basic Electrical and Electronic Applications

Objective

To make students to understand some basic Electrical and Electronic applications, commonly used in houses. Also, training them to troubleshoot problems and making some simple and useful applications.

Syllabus

Basics of AC voltage and Current - Basics of Household wiring - Switches and circuit breakers – Making simple switch boards and connecting Bulb holder, socket and Loads.

Ceiling Fan Installation – changing capacitor in ceiling fan- Table fan, mixer Grinder, LED bulbs and LED tube light Troubleshooting.

Soldering- Multimeter- Breadboard and printed circuit boards– Resistor and Capacitor coding and types-Troubleshooting Resistor, capacitor, diodes, Transistor, Transformer in Electrical circuits.

Introduction to IC and understanding Datasheets – Construction of some simple circuits using ICs like Regulated power supply, Audio Amplifier, etc.

Outcome:

At the end of the course, students are expected to construct some simple circuits, able to make switch board extensions and basic wirings, Troubleshooting and servicing some household appliances by themselves.

Duration of course: One semester

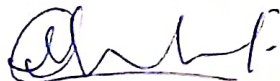
Course fee: Rs.500

Day: Thursday

Time: 2-3 pm.

Total hours: 20 hours.

Venue: A separate room is preferred.



Dr. M. AMALANATHAN
Head
Dept of Physics & Research Centre
Nanjil Catholic College of Arts & Science
Kaliyakkavilal - 629 153



Course Instructor



Nanjil Catholic College of Arts and Science

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Department of Physics

Hands on Training Program - March 2022

This is to certify that Mr/Ms. Anchu. R.P of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
and Electronics Applications".

Rev. Fr. Dr. M. Eckermens Michael
Secretary, NACCAS

Dr. A. Meenakshisundararajan
Principal, NACCAS

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This is to certify that Mr/Ms. Anan Fashana. B of
II B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
and Electronics Applications".

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This is to certify that Mr/Ms. Akhila.U of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
and Electronics Applications".

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Hands on Training Program - March 2022

This is to certify that Mr/Ms. Anisha Kumari. A.V of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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Hands on Training Program - March 2022

This is to certify that Mr/Ms. Danthiya D of
M.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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This is to certify that Mr/Ms. Blessy. S.S. of
M.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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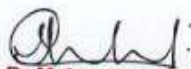
Department of Physics


Hands on Training Program - March 2022

This is to certify that Mr./Ms. Bibinsha G. S. Stephen of
1 M.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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Department of Physics

Hands on Training Program - March 2022

This is to certify that Mr/Ms. Aravind. Q. R of
↑ M.Sc. Physics Nanjil Catholic College of Arts and Science,
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This is to certify that Mr/Ms. Sruveena . R. V of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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Hands on Training Program - March 2022

This is to certify that Mr/Ms. Gopika. L. P of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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Hands on Training Program - March 2022

This is to certify that ~~Mr~~/Ms. Ajna Thasni. S of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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This is to certify that Mr/Ms. Ashna. K. Raj of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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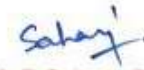
Hands on Training Program - March 2022

This is to certify that Mr/Ms. Berjin Jibi. K.L of
B.Se. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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This is to certify that Mr/Ms. Divya Jasphin. V of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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This is to certify that Mr/Ms. Haleema.S of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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This is to certify that Mr/Ms. Mano Ranjith. V of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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and Electronics Applications".

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Hands on Training Program - March 2022

This is to certify that Mr/Ms. Neela Sree. V.L of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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Hands on Training Program - March 2022

This is to certify that Mr/Ms. Preetha. M.L of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
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Hands on Training Program - March 2022

This is to certify that Mr/Ms. Renuka. R of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
has successfully completed the one month hands on training program on "Basic Electrical
and Electronics Applications".

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Hands on Training Program - March 2022

This is to certify that Mr./Ms. Sanila . E of
B.Sc. Physics Nanjil Catholic College of Arts and Science,
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Rev. Fr. Dr. M. Eckermens Michael
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Course Instructor