

OFFICE OF THE PRINCIPAL
BHAWANIPUR HASTINAPUR BIJNI (B.H.B.) COLLEGE, SARUPETA

Accredited by NAAC (Third Cycle) with CGPA of 2.93 on Seven Point Scale at B++ Grade

P.O.: SARUPETA, DIST.: BARPETA

ASSAM, PIN – 781318

From -

Dr. Nayan Jyoti Das, M.A., Ph.D

Principal



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Memo. No.: BHBC/

Date: 17-11-2024

B.H.B. COLLEGE, SARUPETA

Online Admission is Going on For

NIELIT (An Autonomous Scientific Society under MeitY, Govt. of India) Sponsored Courses

Course fee: 500/-

Course Duration: One Month

- COURSES -

- 1. Solar Power Installation, Operation & Maintenance.**
- 2. Electrical Installation & House wiring.**

Minimum Qualification- HSLC Pass

For Details Contact-
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Syllabus of Basics of Electrification and Solar:

Aims& Objectives of Basic of Electrification and Solar:

The aims and objectives of this course are listed below:

- ❖ Basic Electrical system
- ❖ Understand the Fundamentals of Current, Voltage, power electrical Symbols etc.
- ❖ Familiarization and safety use of various tools.

- ❖ Identify the cable sizes and perform cable jointing.
- ❖ Earthings, Earth resistance testing and maintenance.
- ❖ Planning of the layout with single line diagram for installation of electrical wiring.
- ❖ Performing House wiring/ Hospital wiring/ Office/ Go down wiring etc.
- ❖ Diagnose electrical problems using layout diagrams or blueprints.
- ❖ Inspect, troubleshoot, and conduct tests using suitable testing devices.
- ❖ Repairing of the faulty electrical wiring system.
- ❖ All safety precaution under standard regulations.

Syllabus of Basics of Electrification and Solar:

- Understanding electrical system and electrification.
- Installation/Fitting(Wiring)
- Solar PV systems

Program Outcome: Students will learn the basics of electricity and its working. Students will learn the electrical system and electrification of household and industry. Students will learn to install house wiring and fitting of wires. Students will know the working of Solar PV system and its efficiency.



Solar Panel

Yours faithfully

Principal,

B.H.B. College, Sarupeta

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