

REPORT ON 30-DAY TRAINING PROGRAMME ON ASSISTANT ELECTRICIAN CUM ENTREPRENEURSHIP IN ELECTRICAL WIRING

Organized by: E-Cell, Jaintia Eastern College, Khliehriat

Funded by: PRIME Meghalaya, MBMA, Shillong

Duration: 30 Days (4 Hours per Day – Dated: 25th August – 24th October 2025)

No. of Trainees Registered: 51 (Fifty One)

No. of Trainees Enrolled: 41 (Forty One)

No. of Trainees Completed the Training: 24 (Twenty Four)

Orientation Date: 25th August 2025



Inaugural Address by the Principal, Jaintia Eastern College, Khliehriat

Introduction

The Entrepreneurship Cell (E-Cell) of Jaintia Eastern College, Khliehriat, in collaboration with PRIME Meghalaya under the aegis of the Meghalaya Basin Management Agency (MBMA), Shillong, successfully conducted a 30-Day Training Programme on Assistant Electrician cum Entrepreneurship in Electrical Wiring. This initiative aimed to empower the youth by equipping them with both technical skills in electrical wiring and entrepreneurial knowledge, thereby promoting self-employment and skill-based livelihoods in the region.

Objectives of the Training

- To provide 30-day hands-on training in electrical wiring, circuit installation, and maintenance.
- To impart essential entrepreneurship skills enabling participants to establish micro-enterprises in electrical services.
- To enhance employability and support self-employment opportunities in the electrical sector.
- To bridge the gap between technical training and market needs through industry-aligned modules.
- To equip participants with electrical skills to assist Licensed Electrician.

Programme Duration and Schedule

The training programme was conducted over a span of 30 days, with 50 enrolled participants engaging for 4 hours daily. The schedule balanced classroom instruction, demonstrations, and hands-on practice, ensuring both conceptual understanding and real-world application.

Orientation Programme

An Orientation Programme was held on 25th August 2025 at Jaintia Eastern College, marking the formal commencement of the training. The session was inaugurated by Dr. P. Nongtdu, Principal, Jaintia Eastern College, Khliehriat and Shri. B.Papang, SPOC, E-Cell chairing the programme. Trainees were briefed about the objectives, structure, safety protocols, and expected outcomes of the training. The orientation also motivated participants to approach the programme with seriousness, discipline, and enthusiasm.

Hands-on Training Sessions

To provide real-world exposure, special Hands-on Training Sessions were conducted on the following dates and venues:

- 7th, 8th, 9th, 10th, 17th, 23rd October 2025 – Conducted at the *newly constructed Classroom Block* of Jaintia Eastern College. Participants practiced internal wiring, switchboard installation, circuit testing, and troubleshooting under expert supervision.
- 24th October 2025 – Conducted at the *newly constructed Lama Community Hall*. The trainees applied their skills in a community setting, installing practical electrical connections and performing maintenance work, which strengthened their confidence and field experience.

Methodology

The programme followed a practical, hands-on approach, combining:

- Classroom lectures on electrical fundamentals, safety measures, and entrepreneurship concepts.
- Demonstrations of real electrical components and tools.
- Practical wiring exercises and project-based learning.
- Guidance on small business setup, marketing, and customer service for electricians.

Evaluation Process

To ensure comprehensive learning and assess the trainees' grasp of concepts, a structured **evaluation process** was conducted at the end of the training programme.

- **Written Examination:** Each trainee appeared for a written test designed to evaluate their theoretical understanding of electrical principles, safety standards, and entrepreneurial concepts.
- **Viva-Voce Examination:** A viva session was conducted to assess the trainees' practical understanding, confidence, communication skills, and problem-solving abilities. Trainees demonstrated their knowledge of wiring techniques, tool usage, and troubleshooting methods before a panel of evaluators.
- **Practical Examination:** Participants demonstrated their *hands-on skills* by performing real wiring exercises, circuit installations, fault detection, and repair activities. This assessment ensured that trainees could confidently apply their learning in real-life situations.

Outcome and Impact of the Training Programme:

The **30-Day Assistant Electrician cum Entrepreneurship in Electrical Wiring Training** conducted by Jaintia Eastern College resulted in several positive and measurable outcomes:

- **Skilled Assistant Electricians Developed:** All trainees successfully gained hands-on skills in electrical wiring, installation, maintenance, and safety procedures. They are now capable of assisting licensed electricians and handling basic electrical tasks independently.
- **Improved Technical Confidence:** Through continuous practical sessions, supervised work, and real-time demonstrations, participants developed the confidence to apply their skills responsibly in real-life situations.
- **Awareness of Safety Standards:** Trainees demonstrated a strong understanding of electrical safety norms, proper handling of tools, and adherence to standard operating procedures.
- **Entrepreneurial Orientation:** The entrepreneurship component equipped trainees with knowledge on pricing, record-keeping, customer service, and starting small-scale service units, encouraging them toward self-employment.
- **Successful Evaluation Completion:** All participants underwent a structured evaluation process—including written exams, viva voce, and practical tests—to ensure they achieved

theoretical understanding and practical competence. Out of 41 enrolled trainees, 24 successfully completed the course, with 8 trainees applying for licenses to become certified electricians.

Impact of the Training

- **Enhanced Livelihood Opportunities:** Graduates of the programme are now better positioned to gain employment under licensed electricians or operate as independent electrical service providers. This will directly contribute to reducing unemployment in the region.
- **Improved Electrical Safety and Quality in the Community:** With more trained individuals available, the community can expect safer installations, fewer electrical hazards, and improved quality of wiring and maintenance work.
- **Support System for Licensed Electricians:** Licensed electricians in the area now have a pool of trained assistants who can support them in their daily work, improving efficiency and expanding their service reach.
- **Promotion of Local Entrepreneurship:** Some trainees have shown interest in establishing their own small electrical service units, contributing to local economic development and generating more micro-level employment.
- **Strengthened Technical Capacity in the Region:** The programme contributed to building a technically competent workforce, adding value to the overall development and safety standards of East Jaintia Hills District.
- **Sustainable Community Benefit:** As trained youths begin applying their skills, the region will benefit from timely electrical services, reduced dependency on external technicians, and better household-level technical awareness.

Industrial Visit cum Certificate Distribution Ceremony

An Industrial Visit cum Certificate Distribution Ceremony was organized at Green Valliey Industries Limited, Nongsning Village on 5th February 2026 as a part of the concluding activities of the training programme. The visit was conducted under the guidance of Shri M. V. Rao, General Manager (Process), Green Valliey Industries Limited, who acquainted the trainees with industrial electrical systems, safety practices, and operational standards. The programme was chaired by Shri Banpynskhembha Papang, SPOC, E-Cell, who outlined the objectives of the training in alignment with the vision of the College. Dr. P. Nongtdu, Principal, in his address, stated that the programme was conducted in accordance with NEP 2020 and informed that out of 41 enrolled trainees, 24 successfully completed the course, with 8 trainees applying for licenses to become certified electricians. The programme was graced by Shri Pawan Joshi, Vice President, Green Valliey Industries Limited, as the Special Guest, who emphasized the importance of continuous skill development and mastery. The programme concluded with the distribution of certificates to the successful trainees.

Acknowledgements

The E-Cell of Jaintia Eastern College expresses heartfelt gratitude to PRIME Meghalaya and MBMA, Shillong, for their continuous support and funding. Special appreciation is extended to the Principal, Faculty Members, Trainer, and all participants for their cooperation, dedication, and teamwork that made this 30-day training a grand success.

Conclusion

The 30-Day Training Programme on Assistant Electrician cum Entrepreneurship in Electrical Wiring stands as a milestone initiative of the E-Cell, Jaintia Eastern College. It not only equipped participants with vital technical and entrepreneurial skills but also strengthened the college's mission to promote Skill Development and Rural Entrepreneurship in the region. With continued collaboration and support from PRIME Meghalaya, such programmes will continue to shape the youth of Meghalaya into skilled, self-reliant, and responsible contributors to society.

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Clippings



