



ANNUAL REPORT

2025-2026

“BUILDING COMPETENCE, POWERING THE FUTURE.”

**JIGME WANGCHUCK
POWER TRAINING
INSTITUTE**



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From Training Director's Desk

The Jigme Wangchuck Power Training Institute (JWPTI) Annual Report 2025-2026 provides me great delight as this year has been marked by advancement, creativity, and significant cooperation among the JWPTI family. It was mainly driven by strengthening the position in providing trainees with a workforce that is knowledgeable, capable, and values-driven.

JWPTI continues to demonstrate its dedication to providing high-quality competency-based training to produce professionals that are capable, moral, and well-equipped for the future. The Institute successfully offered a variety of technical and professional programs throughout the year to staff and trainees in collaboration with various departments and partners, sustaining the Institute's quality.

While JWPTI has long been recognized for technical and vocational education, I am content with the institute partnering with the Gyalsung programme enabling us to support His Majesty's vision. It equips Gyalsups with traditional craftsmanship, practical skills, and an appreciation of Bhutan's rich cultural heritage.

I would like to express my gratitude to the Ministry (MoESD), the Department (DWPSD), our industry partners, the Gyalsung Office, cooperating organizations, trainers, staff, trainees, and other stakeholders. Your essential contributions have been essential to the Institute's continuous development and prosperity. Together, let's maintain excellence, welcome innovation, and cooperate to create a knowledgeable, morally-driven workforce that will promote Bhutan's long-term growth.

Tashi Delek.

Karma Dorji
Training Director

1. Institute Profile



1.a About Institute

The Jigme Wangchuck Power Training Institute (JWPTI) was founded in 7th November 2014 in Dekiling, Sarpang, with funding from the Indian government through Project Tied Assistance. The institute, named in honor of His Majesty the Second Druk Gyalpo, Jigme Wangchuck, provides high-quality Technical and Vocational Education and Training (TVET), preparing qualified workers for Bhutan's construction, electrical, mechanical, renewable energy, and electronics industries.

JWPTI will play a crucial role by providing skilled technicians for significant infrastructure projects, since Bhutan's hydropower industry has grown to represent an important element of the country's economy.

Operating under the Ministry of Education and Skills

Development's Department of Workforce Planning and Skills Development (DWPSD) and embracing digital transformation and 21st Century Training, JWPTI continues its aim to provide high-quality TVET. It is acknowledged as a preeminent organization that advances Bhutan's socioeconomic growth and accomplishes the objective of creating a trained labor force for sustainable development.

JWPTI, a Technical and Vocational Education and Training (TVET) institution under the Ministry of Education and Skills Development, is named for His Majesty the Third Druk Gyalpo, Jigme Dorji Wangchuck. In order to create a trained, creative workforce that supports Bhutan's sustainable socioeconomic growth, it introduced Zorig Chusum training alongside contemporary technical programs in the Gyalsung Skilling Programme in 2025.

1.b Vision



A premiere institute for building the 21st century workforce for renewable energy and mechanized manufacturing industry

1.c Mission



- 1.To be recognized by the industry and the community as a center in power and manufacturing
- 2.To provide high quality training services to our youths & industrial partners
- 3.To provide career counseling, leadership skill & employment support services to enhance individual development whilst providing equal opportunities across the society

1.d Core Values



Accountable



Competent



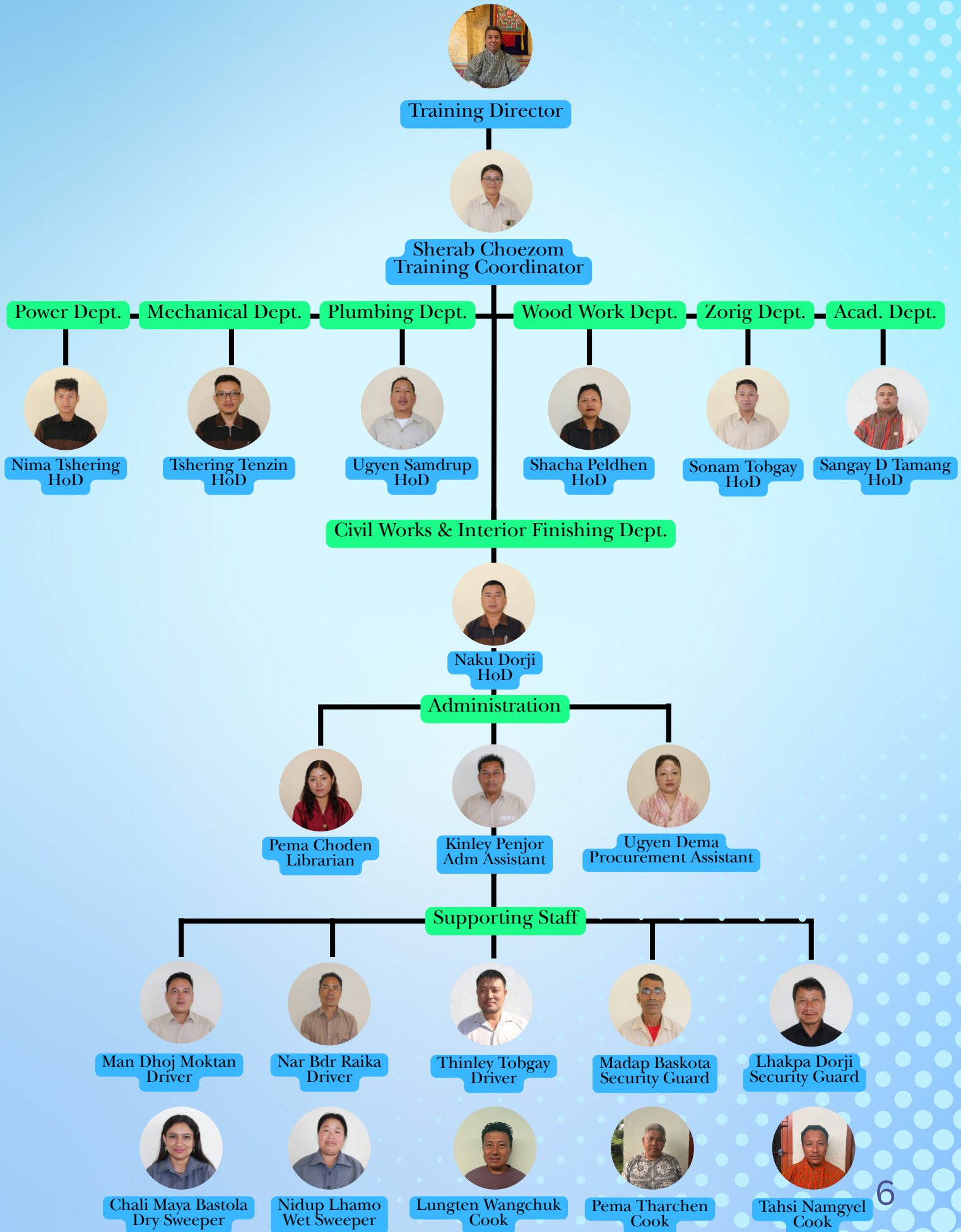
Resilient



Enterprising

2. Staff Profile

2a. Organogram of HoDs, Administration & Supporting Staff



2b. Departmental Organogram

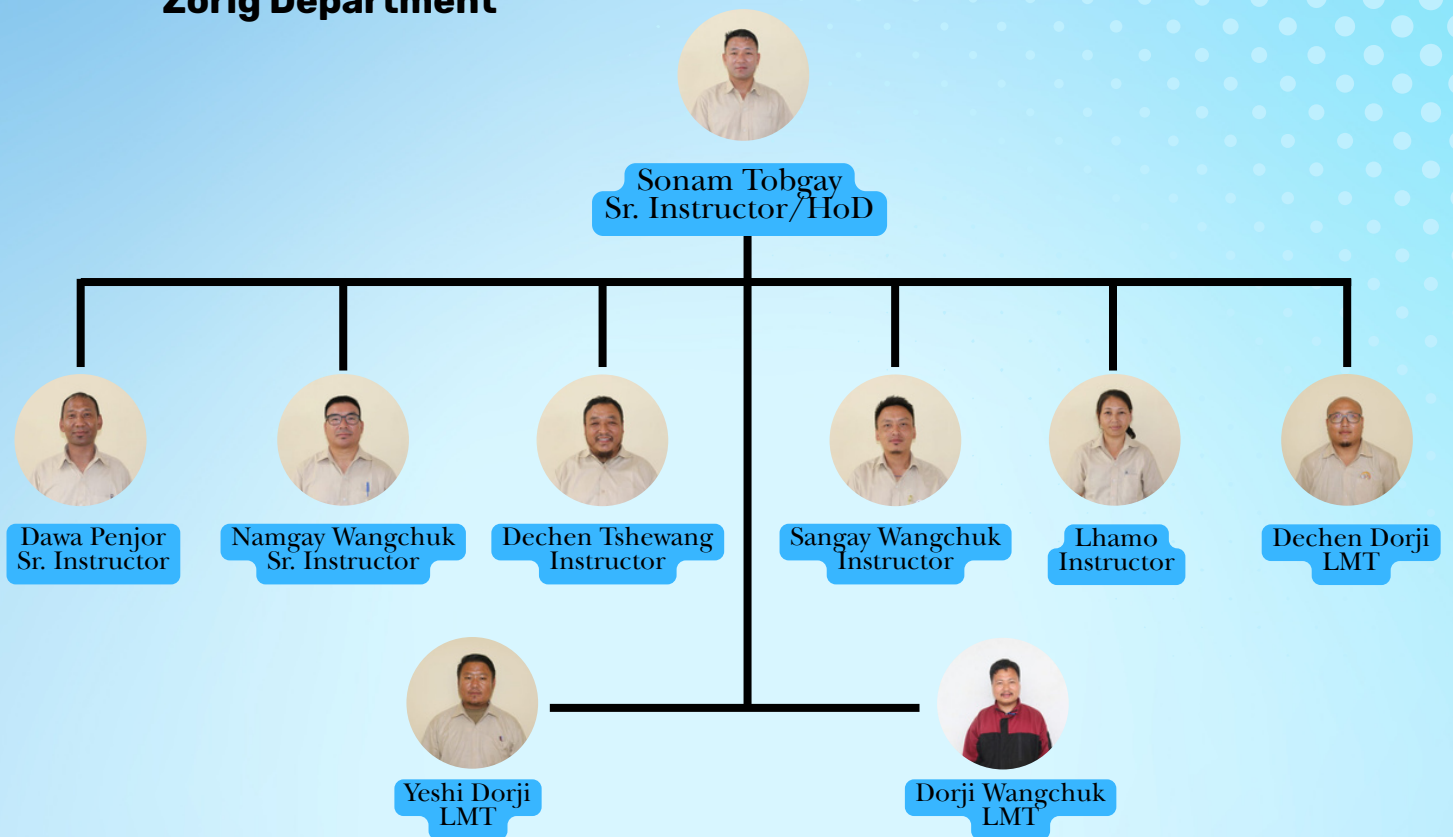
Power Department



Mechanical Department



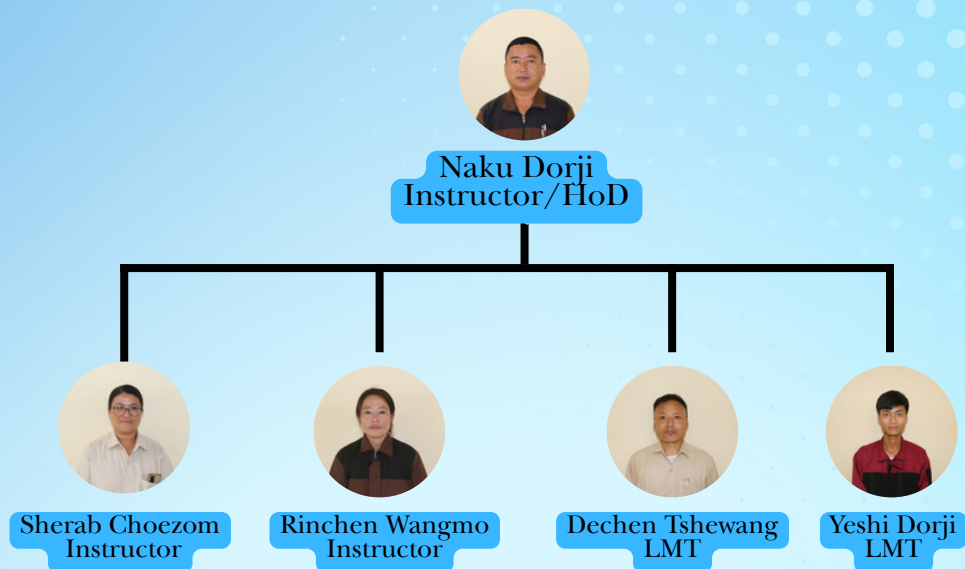
Zorig Department



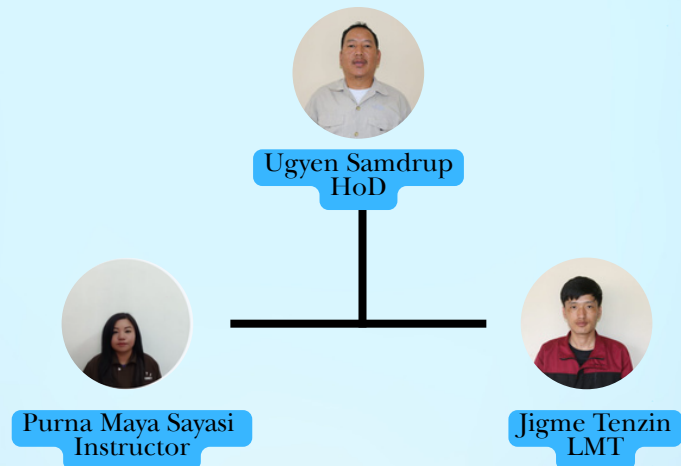
Wood Work Department



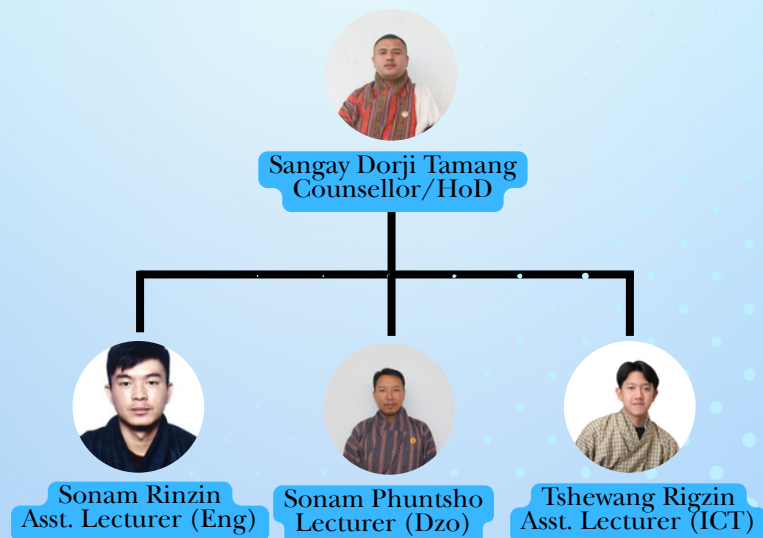
Civil Works & Interior Finishing Department



Plumbing & Sanitary Department



Academic Skills Department



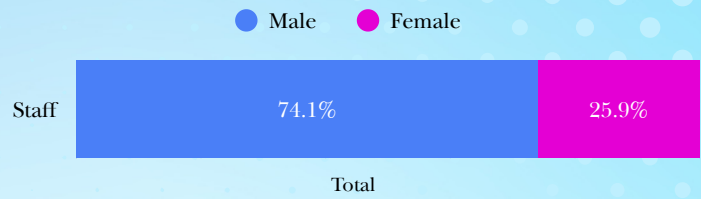
3. Staff Demographics



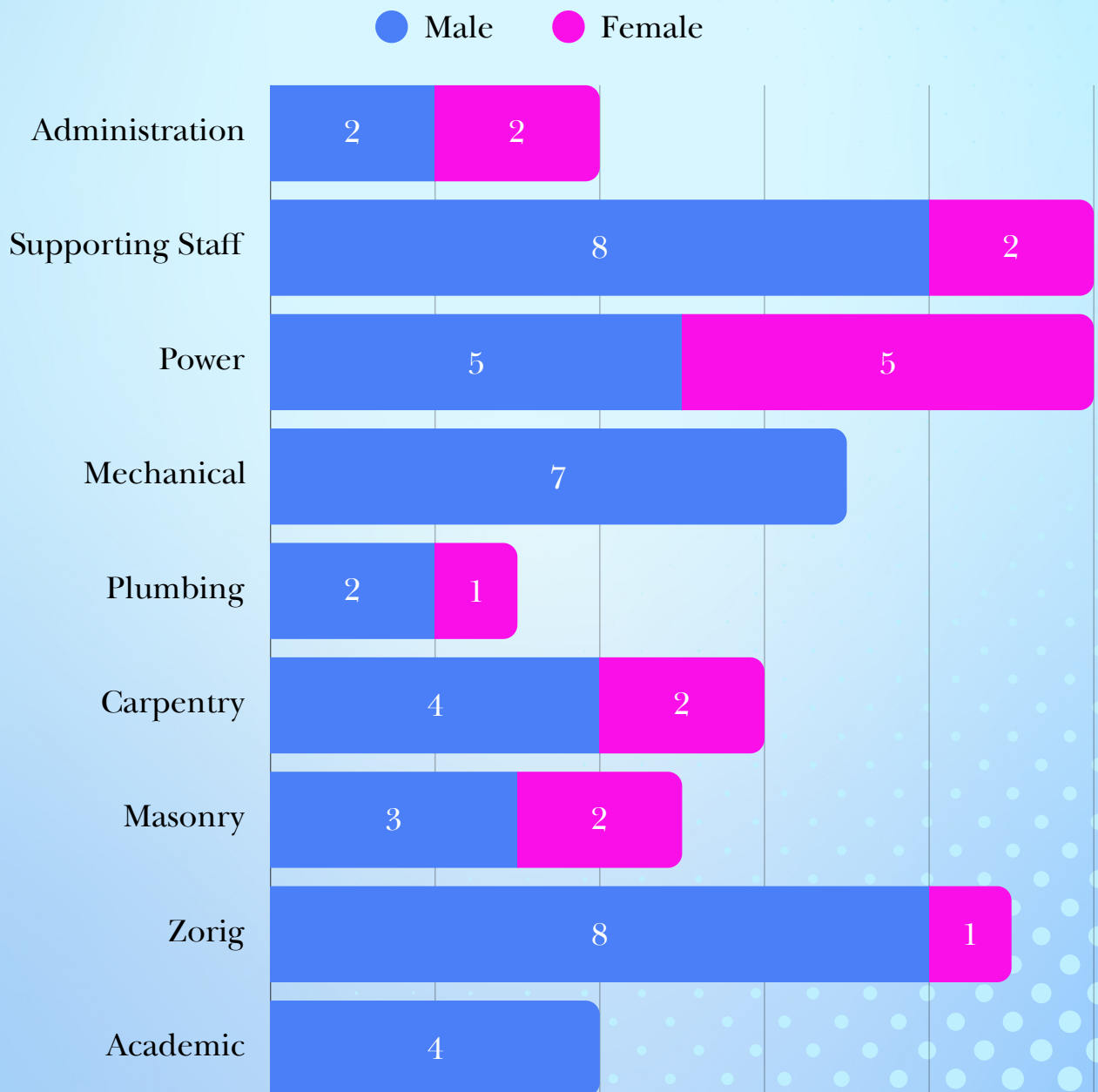
43



15



Department Wise Stastics

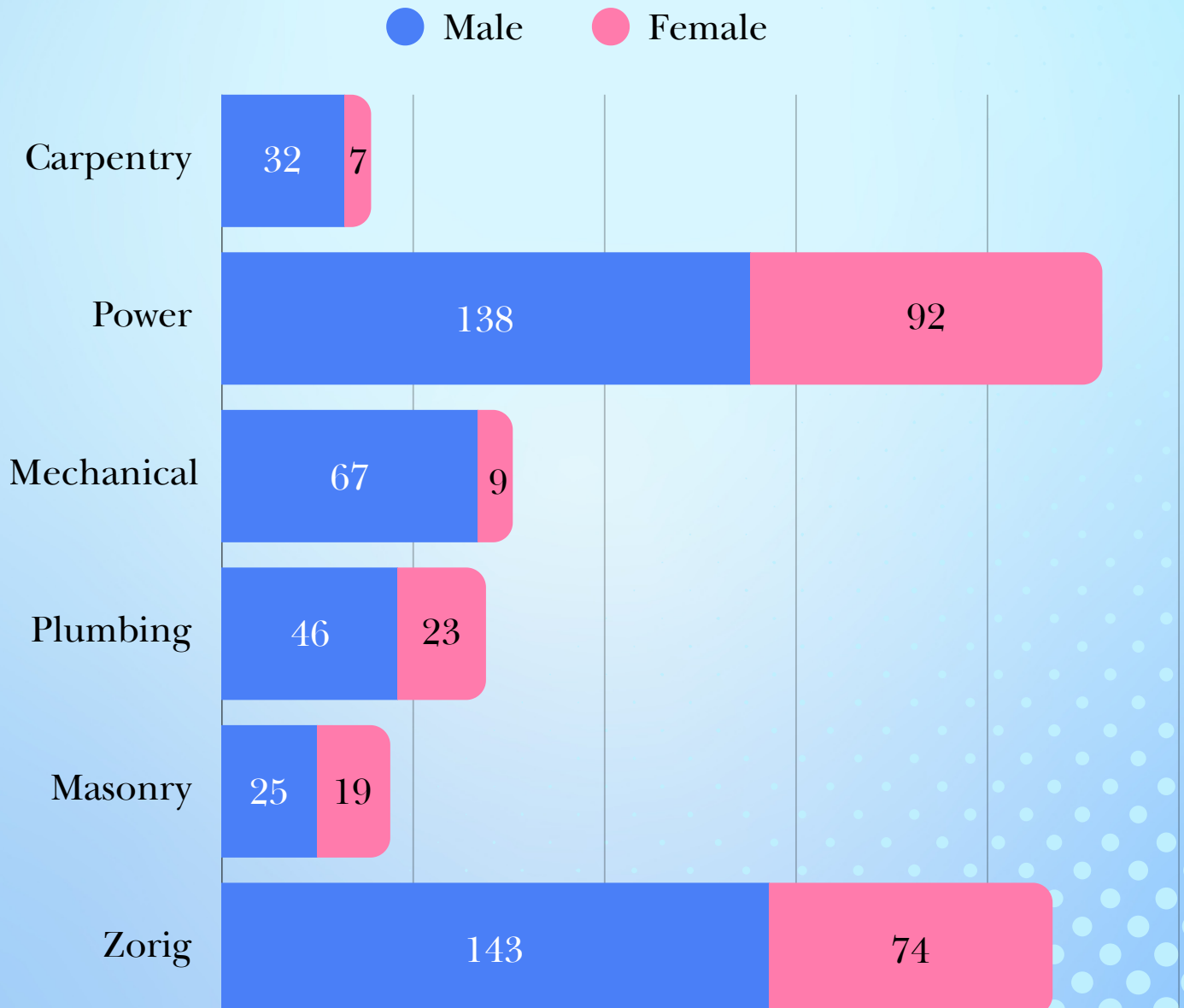


4. Enrollment Profiles

1. Regular Trainees



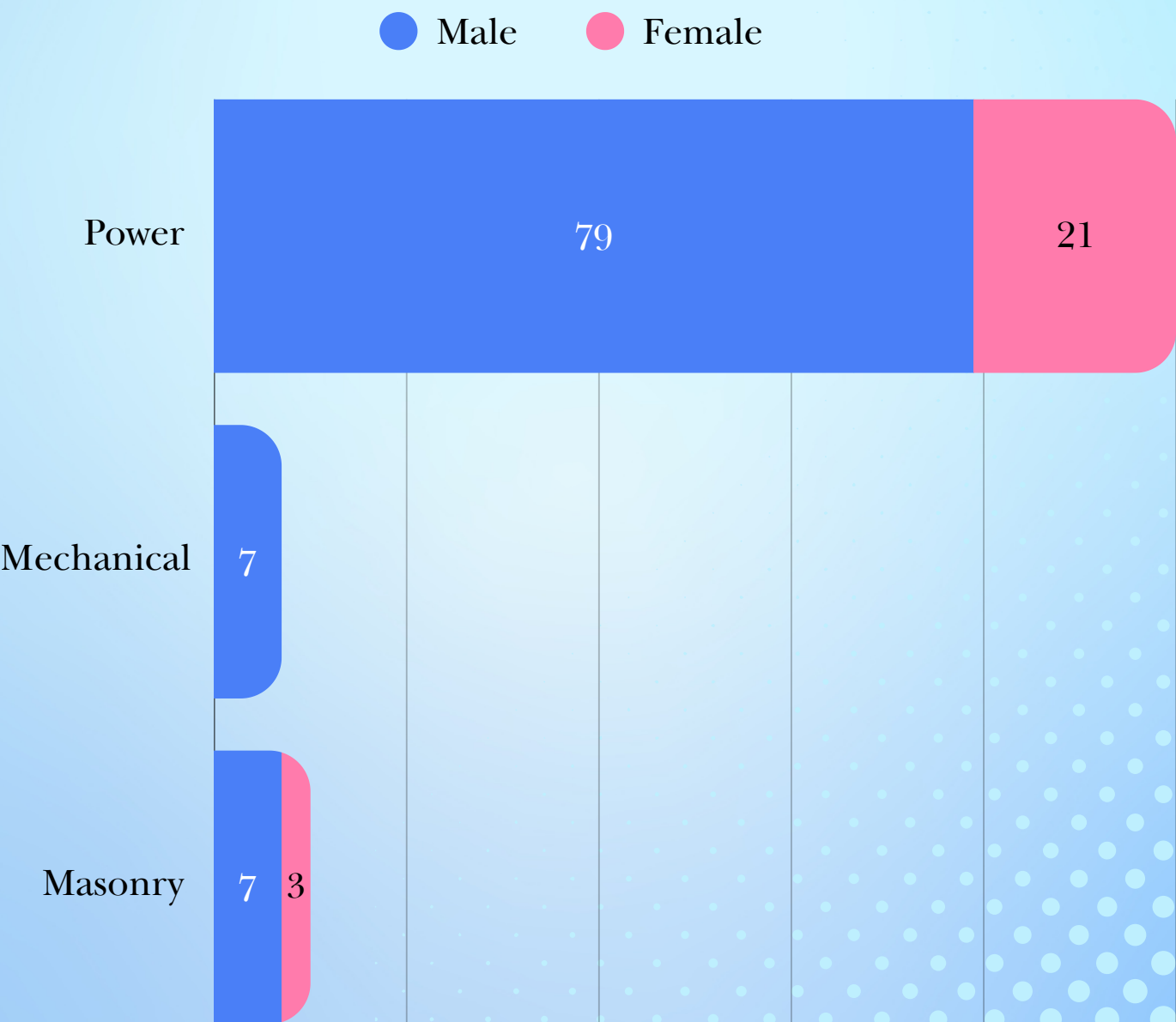
1.1 Department Wise Statistics



2.Short Course Trainees



2.1 Department Wise Statistics

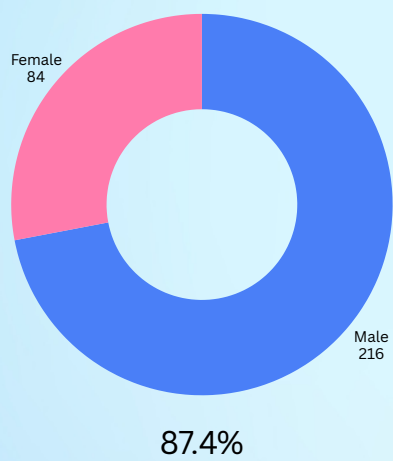


5. BQFC Assessment Results

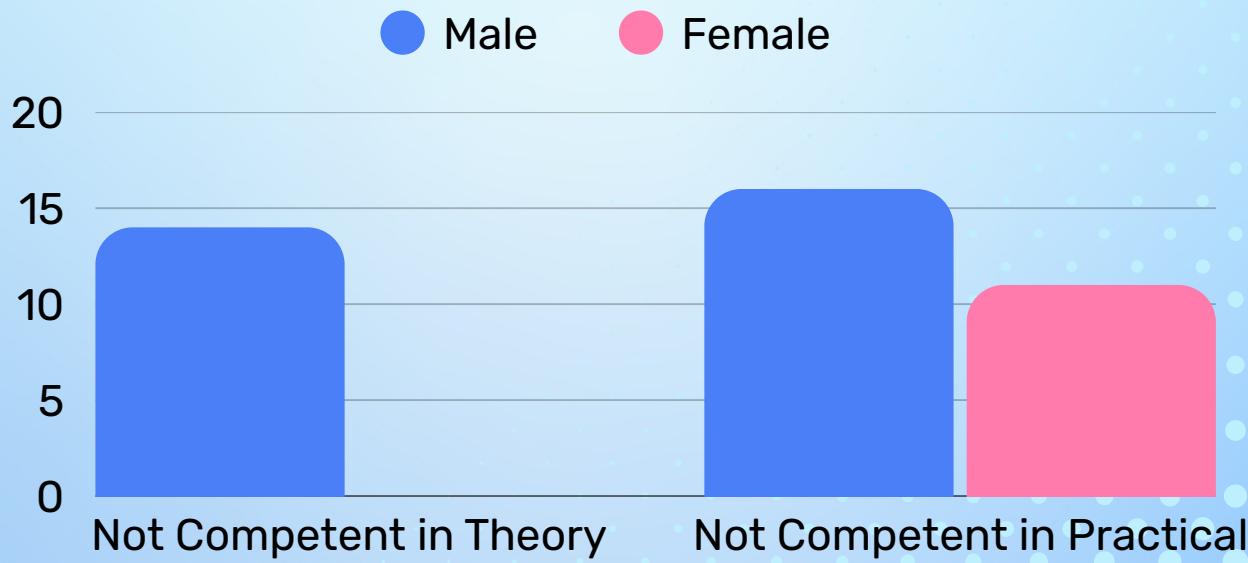
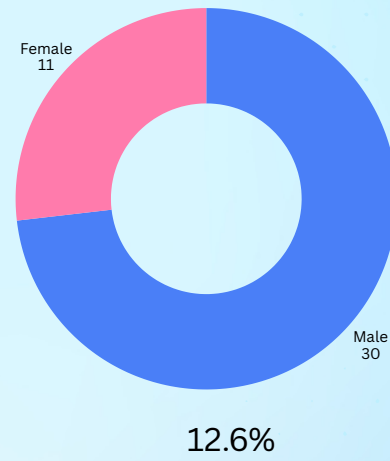
Total Appeared



Competent Trainees



Not Competent Trainees



6. Formation of Industrial Advisory Committee (IAC)

Jigme Wangchuck Power Training Institute (JWPTI) convened an Industrial Advisory Committee (IAC) meeting with Heads of Departments (HoDs) and representatives from Bhutan Hydropower Services Limited (BHSL), Bhutan Power Corporation Limited (BPC), Construction for Skills (C4S), and other industry partners. The Training Director presented the objectives of the IAC, emphasizing the importance of strengthening collaboration between the Institute and industry to ensure training programmes remain aligned with labour market needs. The meeting highlighted enhancing the quality of TVET through industry guidance, skills development, work-based learning opportunities, and knowledge sharing on emerging technologies. The roles and responsibilities of the IAC Chairperson were also discussed, focusing on providing strategic guidance, promoting curriculum relevance, facilitating industry partnerships and Memoranda of Understanding (MoUs), and fostering quality, innovation, and best practices in Institute. The meeting concluded with a commitment to strengthening industry-institute collaboration.



7. Guest Lecturers

1. BHSL

A representative from BHSL delivered a guest lecture on 10th April, 2026, to the Mechanical trainees and staff members, sharing knowledge and practical experience on the topic Weld Inspection and Testing.



2. Desuup Skilling Programme

As part of the knowledge and experience sharing initiative under the Dessup Skilling Programme, Mr. Ngawang Thinley delivered a guest lecture on 21 May 2026. During the session, he shared his knowledge and practical experience with the Electrical trainees and staff members on the following topics:

- PV Solar Technology
- Solar Water Heating Systems

3. Vajra Builder Private Limited (Training Director, Sherab)

He delivered a guest lecture at our institute on 20th March 2026, attended by all staff members and trainees. During the session, he shared his valuable experiences and insights on the following topics:

- Importance of the Technical Field
- Your Professional Journey
- Challenges Faced and Overcoming Obstacles
- Key Factors Behind Your Success



4. Saaya Electric, Thimphu

The Manager of Saaya Electric, Thimphu, delivered a guest lecture on 21 May 2026, sharing his knowledge and practical experience with the Electrical trainees and staff members on the following topics: Switchgear and Protection Power Cable Construction and Selection

8. Institute Accomplishments

1. Best Presenter - TVET Fair 2026

JWPTI was honoured to receive the Best Presenter Award during the TVET Fair 2026, held under the theme "Skills for Life, Skills for the Future." The recognition reflects the Institute's commitment to promoting quality Technical and Vocational Education and Training (TVET) through engaging presentations, innovative demonstrations, and effective communication of its training programmes. The award highlights the dedication and teamwork of staff and trainees in showcasing practical skills, emerging technologies.



2. Launch of Zhiyop: Civil Service's first AI powered robot

Zhiyop, the Royal Civil Service Commission's (RCSC) first AI-powered robot, jointly developed by the Royal Civil Service Commission (RCSC) and Jigme Wangchuck Power Training Institute (JWPTI). The launch marked a significant milestone in the integration of artificial intelligence and innovation within the Civil Service. It also showcases JWPTI's growing capability in applied technology and its contribution to supporting national digital transformation initiatives through collaborative innovation.



9. Cocurricular Activities

1. Games and Sports

JWPTI conducted inter-trade basketball, football, and volleyball games during the fiscal year 2025–2026. All trades of trainees participated enthusiastically, exhibiting discipline, sportsmanship, and collaboration. The contests improved trainee camaraderie, encouraged healthy competition, and increased physical fitness. Through active engagement in sports, the events were successfully carried out and benefited in the trainees' overall growth.



2. Celebrations & Events

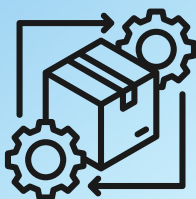
Throughout the reporting year, Jigme Wangchuck Power Training Institute (JWPTI) organized and observed a series of national, cultural, social, and institutional events that enriched campus life and strengthened the values of unity, patriotism, and community engagement. The Institute commemorated the National Day and the Birth Anniversary of His Majesty the King with ceremonies that reaffirmed national identity and the importance of responsible citizenship. National Zorig Day was celebrated to promote Bhutan's rich cultural heritage and traditional craftsmanship among trainees and staff. Other significant occasions included International Women's Day, Diwali, the annual Institute Rimdro, the Annual Concert, World Mental Health Day, and Social Forestry Day. These events provided opportunities to foster cultural appreciation, spiritual well-being, inclusivity, environmental responsibility, and teamwork, contributing to the holistic development of trainees and a vibrant institutional culture.



10. Vision for the Future

Four Ps

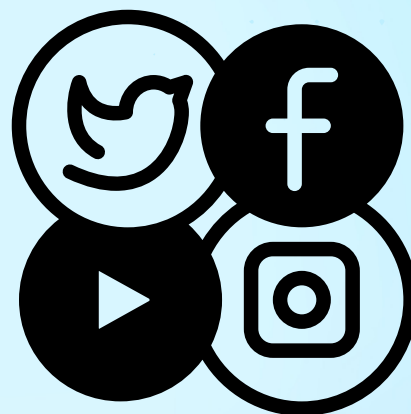
Product



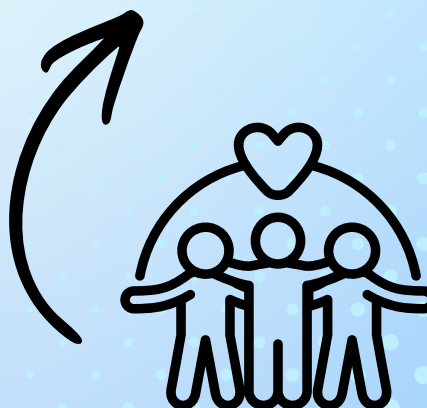
Training IBQFCL2/3/IC

1. Transmission & Distribution
2. Residential Wiring
3. Industrial Technician
4. Masonry
5. Carpentry
6. Plumbing
7. Furniture Making
8. Mechanical Welding
9. Mechanical Fittings
10. RAC
11. Upholstery
12. Mobile Robotics
13. 3D Printing
14. Hydraulic and Pneumatic technician
15. Industrial Control and instrumentation Technology
16. Mechatronic Technician
17. Cabinet Making
18. Irrigation and Water management Technician
19. Road Construction Technician
20. Diploma in Solar Technology
21. Diploma in Electrical Technology
22. Diploma in Digital fabrication

Place & Promotion



Financial aid and scholarships for courses to attract prospective trainees.



Support/Price



Jigme Wangchuck Power Training Institute
Department of Workforce Planning & Skills Development
Ministry of Education and Skills Development
Royal Government of Bhutan



Dolongang, Dekiling, Sarpang



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