

## Case Study of Knowledge, Skills and Abilities

**K. Pal**

Registrar, Bishnupur Public Institute of Engineering, West Bengal, India

Email: bpeibsp15@gmail.com

DOI: <https://doi.org/10.6084/m9.figshare.8143550>

### Abstract

*Knowledge is the theoretical understanding of a subject and an awareness of the associated practical know-how. Ability is synonymous with capability, or competence to face the hazards and capacity to fight against adverse situations of life. They relate to a particular occupation. You may have learned technical skills from past work experience, school, or training. These skills are often included in job listings to describe the tasks of a position. Soft skills refer to personal attributes that enable someone to interact effectively and harmoniously with other people, enabling one to accomplish a job successfully.*

**Keywords:** Abilities, knowledge, skills

### What Is Your Case Study About?

Summarize in a paragraph:

- Balarampur Govt. ITI (PPP mode), under Bishnupur Public Education Institute.
- Industrial Training Institute, under NCVT Govt. of India with 5 Trades (Electrician, Fitter, Welder, Surveyor and Refrigeration and Air Conditioning).
- Institute starts from last two years and the electrician students are 3<sup>rd</sup> year students.

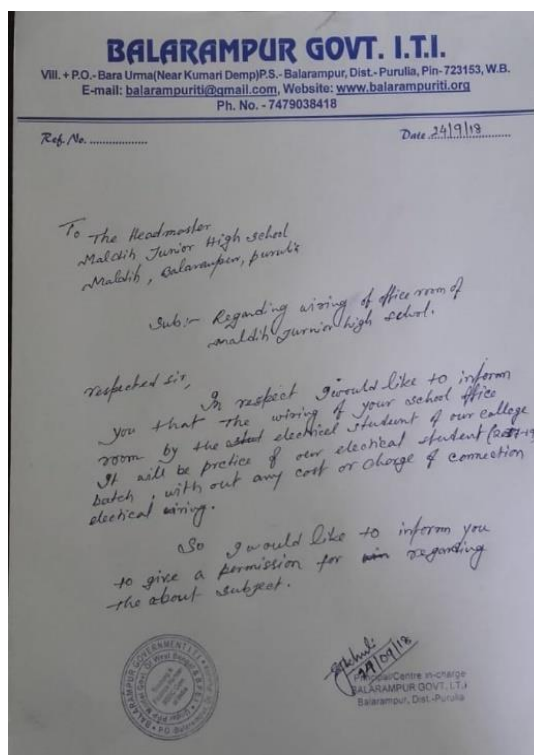
### Executive Summary

- In basic education there runs a popular proverb Earn while you learn and learn while you earn. The students of Balarampur Govt. ITI has proved this doctrine to be true in a different way. A recent case history reveals that this Balarampur Govt. ITI run and managed by BPEI under PPP model has made an instance of serving the society and catering the social needs right from their educational center.

- The fact reveals that though the ITI center is located in a less-advanced society, it has highlighted the truth that ITIs better offer the basic technological and engineering services to the nation. Maldih Junior High School under Balarampur Block requested the Balarampur Govt. ITI Principal to make an arrangement for electric wiring of the office room of the said school. Complying with their request the students of Electrical trade of Balarampur Govt. ITI have successfully accomplished the job to the entire satisfaction of the school authority.

### Challenges

- Skills gap and private sector competition.
- Succession planning.
- Limited budgets.
- Change management.
- Data-based decision making.



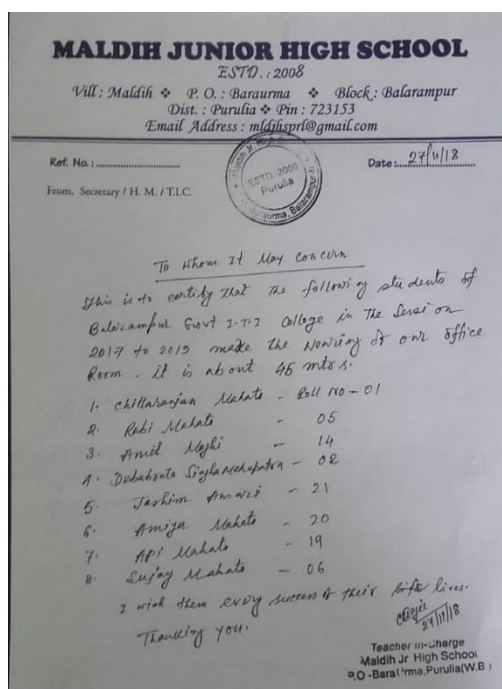
**Figure 1:** Application for allowing the Balarampur ITI students to do the electric wiring

#### How Your Organization Helped

##### ● Balarampur Govt ITI helped:

1. Technical Resource Provided like, teachers and electrician trade students, etc.
2. 8 Students involved in this programme.
3. Total Rs.1200 expenses given by Balarampur Govt ITI

4. To accept the proposal and allowed to use the school building of Mr. Chinmay Maji, T-I-C, Maldih junior high school for execution of the proposal, i.e, electrical wiring in 50m.



**Figure 2:** Appreciation letter from Head Master of Maldih Junior High School

## RESULTS

- The outcome of the job is noteworthy. The little success has raised the confidence level of the ITI learners. It has heightened their self-esteem. The society also acknowledges their gift with a high value. This sort of services strengthen the bond of trust between

the ITI activities and the consumers in the society. If we extend our activities beyond the class-room in other sectors in the adjoining social framework, the ITI pass-outs will prove to be the trusted service providers and be rightly accepted to the society.

- Cost of Labour for 50m casing wiring:

**Table 1:** Cost of labor for 50m casing wiring.

Sl.No	Description	Quantity	Total Rs.
1	10 point	Rs.80X10	800
2	50 mtr Casing wiring	Rs.5x50	250
3	1 main Switch Set	Rs.100X1	100
4	1 MCB Set with Board Set	Rs.100X1	100
5	1 modular set connection	Rs.50X1	50
6	Others Expenses		200
Total			1500

*It is totally a voluntary work.*



**Figure 4:** The ITI Students in Action with their Electric Wiring Program

## CONCLUSION

The case history is a signal to the fact that through such venture there can be a favourable tie up in between a government institute and a non-government one. Moreover, such programmes widen the scope of social interaction for the students and heightens their social responsibility & practicability of learning. One such success energizes them to achieve bigger success in their future course of life. There

should be recurring involvements by ITI students in other sectors too.

### Cite this Article as:

K. Pal. (2019). Case Study of Knowledge, Skills and Abilities. Journal of Electronics and Communication Systems, 4(2), 12-14. <https://doi.org/10.6084/m9.figshare.8143550>