



GERMAN GOVERNMENT AND  
FEDERAL STATES PROGRAMME  
BUND-LÄNDER-PROGRAMM (BLP)



**Federal state – partner country**  
Hesse – India

**Title**  
Qualification of Vocational Training Specialists  
in the Field of Energy-efficient Building Automation

**In cooperation with the GIZ programme**  
Indo-German Programme  
for Vocational Education and Training II

**Financing arrangements**  
BMZ contribution € 356,660  
Hesse contribution € 237,795

**Duration**  
01.10.2021 – 31.12.2022

**Responsible ministry**  
Hessian Ministry of Economics, Energy,  
Transport and Housing

This project helps to achieve the following  
Sustainable Development Goals (SDGs):



Training future skilled workers

## Qualified Teachers for Vocational Education and Training in India

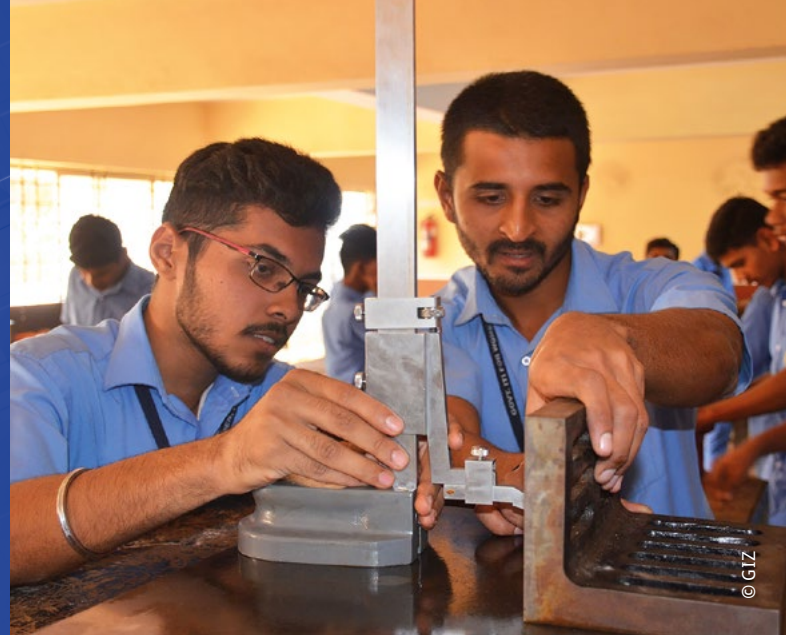
### Local situation

According to the United Nations, India will have the largest population of any country in the world by 2024. Every year some 15 million young Indians pour onto the labour market, which at present offers training opportunities for only around 3.2 million young people. One reason for this is the shortage of qualified teachers and trainers with the expertise required to deliver high-quality courses.

In 2015, as part of its Nationally Determined Contributions (NDCs) to action on climate, India set itself the target of reducing the emissions intensity of its economy by 33 to 35 per cent by 2030 compared with the 2005 level. The “green employment sector” therefore has the potential to create future-proof jobs.

*“The Directorate General of Training (DGT), under the auspices of the Ministry of Skill Development & Entrepreneurship (MSDE) of the Government of India, is pleased to be working with GIZ in the German Government and Federal States Programme. We look forward to the training of our master trainers and heads of industrial training institutes (ITIs), which will raise the quality of vocational training. We hope that the BLP project will give our staff (trainers) more experience of international best practice and thus also enhance the quality of vocational training in our ITIs.”*

**Sanjay Kumar,**  
ISDS Director (Project & International cooperation)  
DGT, MSDE, New Delhi



Practical technical training

## Cooperation arrangements

The Federal Ministry for Economic Cooperation and Development (BMZ) set up the Indo-German Programme for Vocational Education and Training to help its Indian partners develop and improve cooperative in-company vocational training. As part of the German Government and Federal States Programme (German: Bund-Länder-Programm; BLP), the project will complement these activities by focusing on the training of specialists in vocational education. The project's technical partner is the state-funded Hessian Institute for Advanced Training in Technology (HLFT), which specialises in renewable energy and has gained a wealth of experience in the field of energy and resource efficiency.

## What we are doing – and how

Indian vocational schoolteachers and trainers are obtaining qualifications in energy-efficient building automation. This is an opportunity for participants to improve their theoretical knowledge while acquiring all-important practical experience and learning about Germany's dual vocational education and training system. The training is carried out in two phases. The first phase takes place in India using a blended learning format, and the second phase is a four-week course at the HLFT. The combination of practical teaching and appropriate didactic methods allows participants to acquire both technical and pedagogical skills.

An additional school-management training module offers participants in administrative and decision-making personnel the chance to attend a two-week course in Germany. This course covers the practical side of Germany's dual vocational training system and cooperation between vocational schools and companies as places of learning. As well as these specialist matters, the course explores the topics of women in leadership and women in technical occupations.

### Useful links

- Hessian Institute for Advanced Training in Technology:  
[www.hlft.hessen.de](http://www.hlft.hessen.de)
- Technical cooperation programme  
Indo-German Programme for  
Vocational Education and Training II (IGVET II):  
<https://www.giz.de/en/worldwide/93661.html>
- More information on the programme:  
<https://bund-laender-programm.de/en>  
<https://www.giz.de/en/worldwide/91262.html>  
<https://www.giz.de/en/worldwide/34949.html>