



Pradhan Mantri Kaushal Vikas Yojna for Technical Institutions (PMKVY-TI) scheme is being implemented with a vision to create skilled manpower to drive the flagship schemes of Government of India (Make in India, Digital India and Unnat Bharat). In support to these schemes, Sree Vidyanikethan Engineering College has been selected as one of the Institutes under PMKVY sponsored by AICTE for imparting engineering technical skills training for free of cost.

About PMKVY-TI

Background for the Idea of PMKVY TI

Skills and knowledge are the driving forces of economic growth and societal development for any country. Presently, the country faces a demand-supply mismatch, as the economy needs more skilled workforce due to change in demographic profile of the country. A National policy for Skill Development and Entrepreneurship 2015 has projected a **shortage of 109 million skilled persons by 2022** and called for an integrated effort to step up skilling of youth under PMKVY. There is a large requirement of skilled persons in the core engineering sectors; and it is possible to train the dropouts from the higher education system in these skills.

Keeping in view, it is decided by the MHRD that **AICTE, New Delhi will run PMKVY to train the unemployed youth in Engineering skills through AICTE approved Engineering Colleges and Polytechnics**, such that every participant can acquire adequate skills under National Skill Qualification Framework (NSQF) and find suitable placement (Private sector jobs)/self-employment.

Vision:

This scheme is being implemented with a vision to create skilled manpower to drive the flagship of Government like-Make in India, Digital India and Unnat Bharat.

Program, Curriculum, and Certification:

1. The training will be domain specific, demand-led skill training activity in the respective specialization enabling the participant to acquire a skill, duly assessed and certified by an independent third party agency, enabling him/her to get self-employment/ increased earnings/moving from informal to formal sector jobs.
2. At the end of the training, the skill proficiency of each participant will be assessed and certified by the respective Skill Sector Council (SSC) of India
3. After certification, entrepreneurial orientation, Placement assistance and counseling will be offered to the certified participants to the extent possible.
4. Any person may join such programs as per the eligibility criteria.
5. Admission will not be given to such students who have taken similar type of training from some other training organizations.
6. The student's data will be verified from the data of student's undergone training under PMKVY TI, which is now being compiled by NSDC. This data is being integrated with the National Labour Market Information System (NLMIS) by National Skill Development Agency (NSDCA).

Implantation Program of PMKVY-TI on 23-02-2017 at Sree Vidyanikethan Engineering College



**Prof. T. Gopala Rao, Special Officer,
Sree Vidyanikethan Educational Trust addressing the gathering**



DR. P.C. Krishnamachary, Principal addressing the gathering



Dr. K.C. Varaprasad, Professor & HOD (ME) enlightening the participants about PMKVY-TI



Participants

Approved Courses under PMKVY-TI for SVEC

1. Assistant Electrician (AY's: 2016-17, 2017-18 & 2018-19)

Assistant Electrician is one of the specializations of Construction Sector. Department of EEE at SVEC has taken over the responsibility in giving the Training under mentor-ship of Construction Skill Development Council of India (CSDI) and NSDC. The total number of hours approved for giving training is 400.

Training Outcomes:

The trained personnel are able to:

- Select and use hand, power tools and electrical devices relevant to construction electrical works.
- Install temporary lighting arrangement at construction sites and Install LV electrical wiring at permanent structures.
- Assemble, install and maintain temporary LV electrical panels (distribution boards) at construction site.
- Work effectively in a team to deliver desired results at the workplace.
- Plan and organize work to meet expected outcomes.
- Work according to personal health, safety and environment protocol at construction site.

2. Casting Technician Level-3 (AY: 2016-17)

Casting Technician Level-3 is one of the specializations of Automotive Sector. Mechanical Engineering Department of SVEC has taken over the responsibility in giving the Training under mentorship of Automotive Skills Development Council (ASDC) and NSDC. The total number of hours approved for giving training is 300.

Training Outcomes:

The trained personnel are able to:

- Demonstrate the knowledge required for primary manufacturing process which is suitable for fabricating a product.

- Analyze the components of moulds and select materials and allowances of patterns used in casting.
- Prepare patterns and moulds and obtain desired products by pouring molten metal.
- Follow safe practices during work practice in laboratory / workshop.

3. Solar PV Installer-Electrical (AY's: 2017-18 & 2018-19)

Solar PV Installer-Electrical is one of the specializations of Green Jobs Sector. Department of EEE at SVEC has taken over the responsibility in giving the training under mentorship of Skill Council for Green Jobs and NSDC. The total number of hours approved for giving training is 200.

Training Outcomes:

The trained personnel are able to:

- Carry out the site survey for installation of Solar PV system.
- Identify and use the tools & tackles used for Solar PV system installation.
- Install the electrical components of a Solar PV system.
- Test and commission Solar PV system.
- Maintain personal health & safety at project site.

4. Solar PV Installer-Civil (AY's: 2017-18 & 2018-19)

Solar PV Installer-Civil is one of the specializations of green jobs sector. Department of Civil Engineering at SVEC has taken over the responsibility in giving the training under mentorship of Skill Council for Green Jobs and NSDC. The total number of hours approved for giving training is 180.

Training Outcomes:

The trained personnel are able to:

- Carry out the site survey for installation of Solar PV system.
- Install the Civil/Mechanical components of a Solar PV system.
- Maintain personal health & safety at project site.

5. Industrial Automotive specialist

Industrial automotive specialist is one of the specializations of Instrumentation Automation Surveillance & Communication Sector. Department of EIE at SVEC has taken over the responsibility in giving the Training under mentorship of Instrumentation Automation Surveillance & Communication Sector Skill Council and NSDC. The total number of hours approved for giving training is 480.

Training Outcomes:

The trained personnel are able to:

- Provide solutions to automation problems for manufacturing and process industries.
- Capture client requirements of industrial automation needs study existing facilities, if any, at the appropriate technologies and systems.
- Identify I/O devices and interfaces required for the system. Create wiring specifications, wiring layout and wiring plan. Create specifications, drawings and Bill of Quantities (BOQ) of the system to aid in procurement.
- Design and development of PLC and SCADA systems and also other relevant project execution activities.

6. Domestic Data Entry Operator (AY: 2018-19)

Domestic Data Entry Operator is one of the specializations of IT-ITeS Sector. Department of Information Technology at SVEC has taken over the responsibility in giving the Training under mentorship of IT-ITeS SSC (NASSCOM) and NSDC. The total number of hours approved for giving training is 400.

Training Outcomes:

The trained personnel are able to:

- Undertake data entry services
- Manage their work to meet requirements
- Maintain a healthy, safe and secure working environment

PHOTO EXHIBITS

AY: 2016-17

**PMKVY-TI students conducting experiments
(Trainee Assistant Electricians)
AY: 2016-17**



**PMKVY-TI students conducting experiments
(Trainee Casting Technicians)
AY: 2016-2017**



PHOTO EXHIBITS

AY: 2017-18

**PMKVY-TI students conducting experiments
(Trainee Assistant Electricians)
AY: 2017-18**



**PMKVY-TI students conducting experiments
(Trainee Solar PV Installers-Electrical)
AY: 2017-18**



**PMKVY-TI students conducting experiments
(Trainee Solar PV Installers-Civil)
AY: 2017-18**



PMKVY-TI students conducting experiments (Trainee Industrial Automation Specialists)

AY: 2017-18



PHOTO EXHIBITS

AY: 2018-19

PMKVY-TI students conducting experiments

AY: 2018-19



Trainee Assistant Electricians



Trainee Solar PV Installers (Electrical)



Trainee Solar PV Installers (Civil)



Trainee Domestic Data Entry Operators

Trained PMKVY-TI students

AY: 2018-19



Trainees Assistant Electrician Batch



Trainees Solar PV Installer (Civil) Batch



Trainees Solar PV Installer (Electrical) Batch



Trainees Domestic Data Entry Operator Batch

FOR FURTHER DETAILS RELATED TO PMKVY-TI CONTACT:

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