Short term courses

Ministry of Labour and Employment undertook development of a new strategic framework for skill development for the school drop-outs and existing workers especially in the informal sector in close consultation with industry, micro enterprises in the informal sector, State Governments, experts and academia. This was essential considering their educational, social and economic background.
Listed below are the various Vocational Trainings by Vigyan Ashram:

Vocational Training Providers

Electrical Courses :

Course	Duration (hrs)	Description
Basic Electrical Training	120	Introduction to electricity Earthing Simple house wiring circuit General safety and electrical safety
Repair of Home Appliance	120	Install, service and repair all kinds of electrical home appliances Safety precaution
House Wiring	120	Introduction to electricity Safety equipments that should be available with an electrician working on line electrical installation.
Electronic Choke & CFL Assembling	120	Familiarization with different Electronic components used like capacitor, transistor, diode, choke coil etc., Interpret the components as per circuit and laying the components on PCB
Transformer Winding	120	Identification of phase and neutral in single-phase A/C. supply Test a single-phase transformer for its continuity and insulation.
Armature Winding	120	Preparation of winding data for given armature Terminology used in winding like pole pitch coil pitch back and front pitch progressive and retrogressive winding etc.
Rewinding of AC/DC motor	120	knowledge about Single phase and 3-phase supply Procedure followed for re-winding of all kind of electric motors like single phase A./C. motors, pump motors, ceiling fan motors, table fan motors, washing machine motors etc.

Electronics Courses :

Course	Duration (hrs)	Description
Repair & Maintenance of cellular phone	120	Repair 2G & 3G cellular phones
Basic Electronics (Repair & Maintenance of power supply inverters &ups)	120	Maintenance and repair of Power supply, inverter and UPS

Fabrication Course :

Course	Duration (hrs)	Description
Basic Welding(Gas)	120	Join metals by oxy-fuel gas welding, brazing process Repair components/parts used in household & industrial appliances
Basic Welding(Arc)	120	Join metals by arc welding process Repair components/parts used in household & industrial appliances
MAG/CO2 Welding	90	Fabricate steel structure using CO2 welding , Perform sheet metal work by CO2 welding Produce radiographic quality work

Information & Communication Technology Course :

Course	Duration (hrs)	Description
Tally	180	Data Entry of transactions in Tally, Create Financial Statements Analyse Financial Performance Generate Financial Reports for MIS
Computer Fundamentals, MS office & Internet	120	Write, Edit & Print documents using MS-WORD & EXCEL. Do tabulation of data. Prepare presentations using MS PowerPoint Use Internet & E- mail.
Computer Hardware	180	Assembling computers & installing the peripheral devices Repair computers up to card level. Install different software on computers
Computer Networking	180	Interconnect computers using switch and establish peer-to- peer, client-server connection Create user's groups and allocate rights and privileges
Internet Kiosk Operator	60	Setup & run/ manage a small venture like Cyber Café Trouble shoot day-to-day minor problems in Cyber café
Desk Top Publishing	150	Understand various softwares used for Desktop Publishing and would be able to create documents with text and graphics like news paper ad, wedding cards, visiting cards, greeting cards etc. Using PageMaker, CorelDraw & Photoshop.

Construction Courses :

Course	Duration (hrs)	Description
Mason	300	Identify, select and practically use the masonry tools. Identify, select and know the use of building materials used in masonry works. Well- versed with the safety procedures with selection and use of safety tools and equipments.
Plumber	300	Identify, select and practically use the plumbing tools. Identify, select and know the use of plumbing materials and fittings. Well- versed with the safety procedures with selection and use of safety tools and equipments.

Food Preservation :

Course	Duration (hrs)	Description
Basic Food Preservation (FOO101)	210	Identify, select and practically use the masonry tools. Identify, select and know the use of building materials used in masonry works. Well- versed with the safety procedures with selection and use of safety tools and equipments.

Agriculture Courses :

Course	Duration (hrs)	Description
Cultivation of Vegetables	150	Practice health & safety select, use, maintain and store tools, equipments and clothing safety. Driving practice of tractor Selection of soil and demonstration of seed- bed preparation equipments.

Industrial Electrical Courses :

Course	Duration (hrs)	Description
Basic Electricity & Industrial Wiring (IEL101)	240	Perform Industrial wiring and its maintenance. Fault finding and trouble shooting
Motor Transformer & Earthing (IEL102)	240	Run the single and 3 phase motor with different types of starter and its maintenance. To connect step down and step up transformer and its testing including earthing.

Vigyan Ashram Courses

In all these vocational training, there is a minimum entry qualification. So, Vigyan Ashram offers more courses in which there is no entry qualification at all. Listed below are those trainings:

Course	Duration	Description
Work shop fabrication	3 Months	Batch 1st 10th July Batch 2nd 7th October Batch 3rd 7th January Batch 4th 7th April.
Electric appliances	3 Months	Batch 1st 10th July Batch 2nd 7th October Batch 3rd 7th January Batch 4th 7th April.
Motor rewinding	3 Months	Batch 1st 10th July Batch 2nd 7th October Batch 3rd 7th Janury Batch 4th 7th April.
Agriculture	3 Months	Batch 1st 10th July Batch 2nd 7th October Batch 3rd 7th Janury Batch 4th 7th April.
Poultry	2 Months	Batch 1st 10th July Batch 2nd 7th October Batch 3rd 7th Janury Batch 4th 7th April.
Goat farm management	15 Days	First day of every Month
Food processing	3 Months	Batch 1st 10th July Batch 2nd 7th October, Batch 3rd 7th January Batch 4th 7th April.
Computer - ms- office	2 Months	Batch 1st 1st July Batch 2nd 1st September Batch 3rd 1st November Batch 4th 1st January Batch 5th 3rd March Batch 6th 3rd May
Basic internet	5 Days	Monday to Friday
Computer hardware	2 Months	Batch 1st 1st July, Batch 2nd 1st September Batch 3rd 1st November Batch 4th 1st January Batch 5th 3rd March Batch 6th 3rd May
Web designing	2 Months (Three Day in a week)	Batch 1st 1st Jully, Batch 2nd 1st September Batch 3rd 1st November Batch 4th 1st January Batch 5th 3rd March Batch 6th 3rd May
Polyhouse technistion	3 Months	Batch 1st 10th July Batch 2nd 7th October Batch 3rd 7th January Batch 4th 7th April.

Training Programme for SHGs

Course	Duration (Days)
• Making of LED Articles	5
• Making of Phenol	1
• Making of liquid soap	1
• Making of Detergent	1
• Making of aloe vera Hair oil	1
• Making of aloe vera gel	1
• Making of Rakhi	3
• Making of Candals	1
• Making of Leather Bags	10
• Fruit Processing, Jam, Jelly, syrup,Tomato sauce etc.	10
• Bakery Product	10
• Mixer Assembling	5