

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR
UNIVERSITY, SOLAPUR**

SKILL DEVELOPMENT CENTRE



**Course Name : Certificate Course in Solar Training
Certified Course**

Year- 2023

P.A.H. SOLAPUR UNIVERSITY, SOLAPUR

Certificate Course in : Solar Training Certified Course

Duration of Course : 3 months.

- **Needs of Course :**

- 1) Operation in Solar
- 2) New Technology Work.

- **Employment & Entrepreneurship Opportunities from course :**

- 1) In Solar Plant Company.
- 2) Self Service
- 3) Self Repairing Center.

- **Tentative Fees : Minimum 5000/-**

& Maximum 6000/-

- **Minimum Admission flexibility for student : 21**
- **Eligibility for Teacher to teaching this course : Diploma OR NCVT 5 year Experience.**

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1	Name of Syllabus	Solar Training Certified Course						
2	Max. Nos. of Student	21 Student						
3	Duration	3 Months						
4	Type	Part Time						
5	No. of Day Week	6 Days						
6	Nos. of House Days	3 Hours						
7	Shop Required	Glass Rom - 160 Practical - 160 320 + Open Terrace (Sun Light)						
8	Entry Qualification	10 th Appeared						
9	Object of Syllabus Introduction	To Trainee Student in Solar Elec. Work						
10	Employment Opportunity	He can get Employment in Solar, Plant (Company)						
11	Teachers Qualification	Diploma OR NCVT 5 year Experience						
12	Training System	Training System Per Week.						
		Theory		Practical		Total		
		6 Hrs.		12 Hrs.		18 Hrs.		
13	Exam System							
		Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Mark	Min. Mark
		1		Solar Electricity (TH-I)	TH-I	3 Hrs.	100	40
		2		Fault finding (PR-I)	PR-I	3 Hrs.	100	40
		3		Installation (PR-II)	PR-II	3 Hrs.	100	40
						Total	300	120

Advice (Request) : Instructor of Course :

Fees request : 6000 to 5000 (Included of All Expenses)

Attachment -1

Course Syllabus Details

SYLLABUS DETAILS

1	Course Name	Solar Training Certified Courses			
2	Paper Time	Solar Training Examination			
3	Paper No.	Thor-I, PR-2			
4	Objectives of Paper	1.Employment			
		2.Self Service			
		3.Training Experiment			
		4. Types of Projection			
		5.			
5	Expected out comes from paper	1.EmPLY in Solar Company.			
		2.Self Repairing Center.			
		3.Selling Work Shop.			
		4.Solar Maintenance.			
		5. New Thoughts			
6	Content	Unit - 1	Elec. Solar City	Hour	40
		Unit - 2	Fault Finding	Hour	40
		Unit - 3	Module Installation	Hour	40
		Unit - 4	Piling Work In.	Hour	40
		Unit - 5	AC&DC Installation	Hour	40
7	Reference Book	1) Solar Technic 2) Solar Power 3) Solar Assessment 4) Basic Electrician			

Result of Course (3 months)

Course Structure & Certificate Title for SDC

Sr. No.	Course Name	Duration	No. of Paper	Nature of Paper	Hours
1	Solar, Training Certified Course	3 months	03	1) TH-I 2) PR-I 3) PR-II	45 Hours for each paper

Credits structure for SDC

Sr. No.	Course Name	Duration of Paper	Number of Paper	Hours	Total Paper Hours	Total Credit
1	Solar, Training, Certified Course	3 months	Paper 03	Thr-45 Hrs. PR-I & III 171 Hrs. (85+85)	216	TH-I PR-I & II (2 Credits)
					Total	(3 Credit)

- One credit - 15 Theory Teaching hours = 1 Credit.
- 30 practical hours = 1 Credit.

Examination Structure SDC

Sr. No.	Course Name	Duration	Paper Mark	Marking System	Min. Passing Mark
1	Solar Training Certified Course	3 months	100	1) Theory-80 (Oral) =20 = 100 2) PRI=100 3) PRII=100 Total 300	TH-80=32 Oral-20=08 PRI-100=40 PRII-100=40 Total = 120

Attachment- 2

EXAMINATION PATTERN :-

A) Theory Paper Title & Total Mark & Minimum Passing Marks.

Sr.No.	Paper Title	Total Marks	Minimum Passing Marks
	TH-I	100	40

B) Practical Paper Title, Total Marks & Minimum Passing Marks

Sr.No.	Paper Title	Total Marks	Minimum Passing Marks
	PR-I	100	40
	PR-II	100	40

Note :

- 1) 45 hours for each paper is mandatory.
- 2) 3 Papers require for Basic Certificate Course (including Theory & Practical)
- 3) 4 Paper requires for Certificates Course (including Theory & Practical)
- 4) 6 to 8 Papers requires for Diploma Course (including Theory & Practical)

