

**SEDA GCPV DESIGN COURSE DNS26-03**

Duration : 8 days

Mode: F2F

Date: 30/03/2026 - 9/04/2026

Venue: SHRDC

WEEK	DAY	DATE		Book	Start	Duration	End	Chapter	Content		
1	1	30/3/2026	MON	Fundamental	9:00	0:15	9:15		Opening and course outline		
									Chapter 1	Safety Practices	
					9:15	1:30	10:45		Chapter 2	Basic Electricity	
									Chapter 3	Introduction to Photovoltaic system	
					10:45	0:15	11:00			Break	
					11:00	1:30	12:30		Chapter 4	Basic Solar Engineering	
					12:30	1:30	14:00			Lunch	
					14:00	1:20	15:20		Chapter 5	Photovoltaic Technology	
					Break						
					15:20	0:15	15:35		Break		
					15:35	1:25	17:00		Continue		
1	2	31/3/2026	TUE	Fundamental	9:00	1:30	10:30		Chapter 6	Mounting structure	
										Break	
					10:30	0:15	10:45				
					10:45	1:45	12:30		Chapter 7	Other BOS components	
					12:30	1:30	14:00			Lunch	
					14:00	1:20	15:20			Continue	
					15:20	0:15	15:35			Break	
					15:35	1:25	17:00		Chapter 8	End of life issues	
								Chapter 9	Concept of lightning protection system		
1	3	1/4/2026	WED	GCPV Design	9:00	1:30	10:30		Chapter 1	GCPV system	
									Chapter 2	Grid interactive inverter	
					10:30	0:15	10:45			Break	
					10:45	1:45	12:30		Chapter 3	Dimensioning of PV array	
					12:30	1:30	14:00			Lunch	
					14:00	1:20	15:20		Chapter 3	Continue	
					15:20	0:15	15:35			Break	
					15:35	1:25	17:00		Chapter 4	Sizing with string or central inverter	
1	4	2/4/2026	THU	GCPV Design	9:00	1:30	10:30		Chapter 4	Continue	
										Break	
					10:30	0:15	10:45				
					10:45	1:45	12:30		Chapter 5	Sizing with microinverter	
					12:30	1:30	14:00			Lunch	
					14:00	1:20	15:20		Chapter 6	Sizing with DC optimiser	
					15:20	0:15	15:35			Break	
					15:35	1:25	17:00		Chapter 7	System performance and evaluation	
1		3/4/2026	FRI	FREE (Self-study)							
1		4/4/2026	SAT	FREE (Self-study)							
2		5/4/2026	SUN	FREE (Self-study)							
2	5	6/4/2026	MON	Practical	9:00	8:00	17:00	Practical exercises			
2	6	7/4/2026	TUE	Practical Exam	9:00	8:00	17:00	Practical exam			
2	7	8/4/2026	WED	Tutorial	9:00	1:30	10:30	Tutorial Fundamental			
								Break			
					10:30	0:15	10:45	Tutorial Fundamental			
					10:45	1:45	12:30	Tutorial Fundamental			
					12:30	1:30	14:00	Lunch			
					14:00	1:20	15:20	Tutorial GCPV design			
					15:20	0:15	15:35	Break			
15:35	1:25	17:00	Tutorial GCPV design								
2	8	9/4/2026	THU	Theory Exam	9:00	3:00	12:00	Theory Exam Paper B (GCPV design)			
								Lunch			
					12:00	2:30	14:30	Theory Exam Paper B (GCPV design)			
					14:30	2:00	16:30	Theory Exam Paper A (Fundamental)			
								Passing mark 80%			