

B.VOC IN RENEWABLE ENERGY



SKILL COUNCIL FOR GREEN JOBS

Program Brief:

India ranked 5th in installed renewable energy capacity and Indian renewable energy sector is the fourth most attractive renewable energy market in the world with total renewable power installed capacity (excluding large hydro) in the country stood at 73.35 gig watt. generation capacities for Waste to Energy 175.28 megawatt, Biomass Gasifiers 163.37 megawatt and SPV systems stood at 767.51 megawatt , respectively. The growth in the renewable energy is poised to create 2 million new jobs by 2030 in the renewable energy sector.

B.Voc in Renewable Energy aims to address the ever-growing need of skilled manpower in the Renewable Energy sector. Trainees shall have access to working with solar thermal, solar PV, wind blade manufacturing, wind power plant installation, operations and maintenance, biogas, biomass energy systems and waste management technologies.

Trainees shall be abreast with industrial best practices on industrial occupational health and safety, total quality management and other aspects of plant operations. Adequate emphasis is laid on holistic 360 degree personality development through communication skills, soft skills, yoga, grooming and mentoring.

Program Model and training methodology:

- The curriculum are aligned to Qualification Packs (QPs) / National Occupational Standards (NOSs) of selected job role(s) of Skill Council for Green Jobs.
- The program emphasise more on "learning by doing" with 70% weightage is given on hands on training during classrooms training and "Earn -while-Learn"" stipendiary On the Job Training (SOJT) at partner industries.
- Trainees shall spend 6-8 months in a year with partner industries under the contractual employment or apprentice models like National Apprenticeship Promotion Scheme (NAPS)/ National Employment Enhancement Mission (NEEM) programs launched by Government of India.
- Trainees shall also undergo extensive training on 360 degree personality development through communication skills, soft skills, yoga, grooming and mentoring.
- Trainees shall have access to the online cloud hosted Seacom Skill University learning management system (LMS) containing all recorded lectures, notes and reference resources. Trainees can take up online internal assessments and submit internal assignments for evaluation.

Flexible learning plan:

- The University Grants Commission (UGC) had launched the B.Voc scheme on 27 February, 2014 for skills development based higher education as part of college/university education, leading to Bachelor of Vocation (B.Voc) degree with multiple entry and exit points. B.Voc. Program has been promulgated by the UGC as per National Skill Qualification Framework (NSQF) of Ministry of Skill Development emphasizing on skill based education in consultation with National Skills Development Corporation (NSDC).
- Trainees successfully completing 6 months program (Semester-I) shall be awarded with Certificate.
- Trainees successfully completing 1 year program (Semester-I & II) shall be awarded with Diploma .
- Trainees successfully completing 2 years program (Semester-I , II,III,IV) shall be awarded with Advanced Diploma .
- Trainees successfully completing 2 years program (Semester-I , II,III,IV) shall be awarded with B.Voc Degree
- Trainees can have career progression through M.Voc and Doctoral programs in Vocational Skills.



SEACOM SKILLS UNIVERSITY

Vill : Kendradangal. P.O. : Saattore (Near Shantiniketan)

Dist. Birbhum, West Bengal 731236

Phone : 8981024701 / 02

www.seacomskillsuniversity.org



Program Highlights :

- Dual education mode with Focus on acquiring Skills and Industry orientation
- Minimum 6 months/year of OJT at partner industries
- Earn – while - Learn
- Excellence employment opportunity and Career Enhancement
- 100% guaranteed Employment /Self Employment/ Apprenticeship
- Online learning management system
- Flexible Entry-Exit
- Skill Partner : Skill Council for Green Jobs

Eligibility Criteria:

- 10+2 or
- 10th plus (2 or 3 years) Diploma or
- 10th + ITI (minimum 2 years) with 2 subjects(1 Language & 1 Academic) passed from any recognised board
- Or any other equivalent course

Program Structure :

SEM	Subject/QP
SEM-I (30 Credits)	English Language , Comprehension and behavioural skills
	Fundamentals of Electrical and Electronics
	Solar PV Installation, Operation and Maintenance (SCJ Q0101)
	Solar PV Engineer -Solar Thermal and Water Pump(SCJ Q0112)
SEM-II (30 Credits)	Industrial Internship/OJT- Solar Module Assembly
	Industrial Internship/OJT- Module Soldering Operation and of Solar LED manufacturing
SEM-III (30 Credits)	Industrial Internship/OJT-Solar PV Installation Operation and Maintenance
	Advanced communication skills and soft skills
	Solar PV Design structural design (SCJ/Q0109)
SEM-IV (30 Credits)	Wind energy systems
	Industrial Internship/OJT-Rooftop solar entrepreneurship (SCJ/Q0104)
	Industrial Internship/OJT- Solar PV O&M Engineering (SCJ/Q0117)
SEM-V (30 Credits)	Industrial Internship/OJT-Inventory and Supply chain management
	Industrial Internship/OJT- Solar Structural Design
	Small Hydro Power Systems
	Biomass Power Systems
SEM-VI (30 Credits)	Smart Grid Power System
	Green Construction
	Industrial Internship/OJT- Small Hydra, Biomass and Smart Grid systems
SEM-VI (30 Credits)	Industrial Internship/OJT- Waste Management
	Industrial Internship/OJT- Human Resources Management and Project Management (SCJ/Q0114)

Placement opportunities:

Seacom Skill University has established excellent industry collaborations with over 50 leading Indian and foreign renewable energy organisations in India and offers 100% assured Employment /Self Employment/ Apprenticeship with Rs.7000-15000 monthly stipend/emoluments.



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