B.Voc in IT Infrastructure and Cloud Computing

ESSCI

Program Brief:

India is the leading sourcing destination across the world, accounting for approximately 55 per cent market share in global services sourcing business. Indian IT & ITeS companies have set up over 1,000 global delivery centres in about 80 countries across the world and represent over 75 per cent of global digital talent. Exports from the industry increased to US$ 126 billion in FY18 while domestic revenues (including hardware) advanced to US$ 41 billion. Revenue from digital segment is expected to comprise 38 per cent of the forecasted US$ 350 billion industry revenue by 2025 with an additional requirement for over 1 million skilled manpower in the coming years.

B.Voc in IT Infrastructure and Cloud Computing program aims to address the ever-growing need of skilled manpower in the IT infrastructure management domain comprising of IT hardware, network, server , security and cloud computing. Trainees shall be abreast with industrial best practices on IT operations management, IT service management and project management. 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 Electronics Sector Skill Council of India and IT-ITES Sector Skill Council.

- 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

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Program Highlights :

- Dual education mode with Focus on acquiring Skills and Industry orientation
- Minimum 6-8 months 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 : Electronics Sector Skill Council of India and IT-ITES Sector Skill Council

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
	Environmental Study
	Fundamentals of IT Hardware and Peripherals (ELE/Q4601)
	Installation and Service of IT Hardware and OS-(ELE/Q8001)
	Industrial Internship/OJT –Basic IT troubleshooting
SEM-II (30 Credits)	Industrial Internship/OJT- OS and Networking installation and troubleshooting
	Industrial Internship/OJT- Optical fibre /Broadband installation and troubleshooting
SEM-III (30 Credits)	Advanced Communication skills and soft skills
	Routing & Switching
	Server Administration (Windows, Linux)
	Industrial Internship/OJT- Entrepreneurship
SEM-IV (30 Credits)	Industrial Internship/OJT- Network Installation, Routing & Switching ,administration and troubleshooting
	Industrial Internship/OJT-Server OS Installation, administration and troubleshooting
	Industrial Internship/OJT-PC, Server and Network Security (SSC/Q0901)
SEM-V (30 Credits)	Cloud Computing Orchestration-(Microsoft, Red hat, VMware, AWS etc.)
	Cloud Computing Administration-(Microsoft, Red hat, VMware, AWS etc.)
	Project Management and IT Service Management
SEM-VI (30 Credits)	Industrial Internship/OJT-Cloud Computing Orchestration- (Microsoft, Red hat, VMware, AWS etc.)
	Industrial Internship/OJT-Cloud Computing Administration-(Microsoft, Red hat, VMware, AWS etc.)

Placement opportunities:

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

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