

## VOCATIONAL EDUCATION PROGRAMS

Vocational education or vocational education and training (VET) prepares trainees for jobs that are based on manual or practical activities, traditionally non-academic, and totally related to a specific trade, occupation, or vocation. It is sometimes referred to as technical education as the trainee directly develops expertise in a particular group of techniques or technology.

Vocational educational in India aims to develop skilled manpower through diversified courses to meet the requirements of mainly the unorganized sector and to instill self-employment skills in people through a large number of self employment oriented courses. Vocational education is imparted through Industrial Training Institutes (ITIs) and Polytechnics. The nodal agency for grant of recognition to the I.T.I.s is NCVT which is under the Ministry of Labour, Government of India. Part time programs are offered through state technical education boards or universities who also offer full-time courses. Vocational training has been successful in India only in Industrial Training Institutes and that too in engineering trades. There are many private institutes in India which offer courses in vocational training and finishing, but most of them have not been recognized by the Government.

One of the weaknesses of Indian education system is that it does not give due importance to vocational education. As a result, there is a mismatch between the skilled manpower required and skilled manpower available. Every year India churns out millions of graduates who do not have the specific skill sets required by the market. This has resulted in a situation where on the one hand, there are scores of unemployed graduates and on the other hand, there is a huge shortage of skilled workers such as plumbers, electricians, etc.

To rectify this situation vocational training programs in India need to be promoted in a big way. Vocational training courses include:

- Typewriting
- Stenography
- Secretarial Practices
- Computer Operator & Programme Assistant
- Architectural Draughtsmanship
- Desk Top Publishing
- Electrical Technician
- Electronics (Radio/TV/Tape Recorder Mechanic)
- Refrigeration & Air Conditioning
- Plumbing
- Library Assistant
- Cutting/Tailoring & Dress Making
- Hair & Skin Care
- Fruit & Vegetable Preservation Programs

## **6 October University, Egypt**

Yes, 6 October University would like to offer vocational education programs in India

## **Academy 3, Australia**

Not at present

## **ACCA (Association of Chartered Certified Accountants), UK**

ACCA Professional Qualification.

## **ACT Inc., USA**

We are interested in exploring the potential for our workforce development solutions-including the Work Keys assessment & Key Train training.

## **Al-Iraqia University, Iraq**

Yes.

## **Anton De Kom University of Suriname, Suriname**

Yes

## **Aston University, UK**

Yes, all of our courses are vocational so the subjects are as above: Audiology, Biological Sciences, Biomedical Science, Optometry, Pharmacy and Psychology.

## **Bayero University, Nigeria**

No. But we are interested in Learning and Sharing Experiences on Mounting and running Vocational and part-time Degree Programs

## **Bowling Green State University, USA**

Arts, Humanities, Teacher Training, Food and Nutrition, Sport / Tourism / Recreation etc.

## **British Columbia Institute of Technology, Canada**

Open for discussion to the breadth of programs

## **Champlain College, USA**

We have a professional but not a traditional vocational focus. I would be interested however in learning more about "vocational" programs in India and what opportunities there might be for collaboration particularly in areas of multi-media communication and technology or other areas of interest.

## **Coleman University, USA**

Yes. Online / Hybrid programs leading to industry certifications, Training

## **Colorado Heights University, USA**

We would like to support Indian vocational education with bridge English programs.

## **Concord University, USA**

Yes, related areas in 2 year college perspective.

## **Farmingdale State College, SUNY, USA**

Open to discussion

## **Harisson College, USA**

Yes, any of our Vocational Programs

## **Kwantlen Polytechnic University, Canada**

Welding, Carpentry, Automotive.

## **Lahti University of Applied Sciences, Finland**

As we are a university of applied sciences, all our Bachelor and Master level programs are in a way "vocational".

## **Mehmet Akif ersoy University, Turkey**

Business and Economy, Accounting

## **Montana State University Billings, USA**

Montana State University Billings is interested in working collaboratively with other international Colleges and Universities to develop joint degree and degree completion pathway programs with vocational education institutions including 2+1 and 2+2 Diploma to Associate Degree and Diploma/Associate to

Bachelors degree completion pathways. We have a number of vocational education certificate and associate degree programs listed on our website at: <http://www.msubillings.edu/future/degrees.asp>

Montana State University Billings would be interested in possibly collaborating with the following vocational education programs: Drafting and Design, Medical Administrative Assistant, Networking Technology, Practical Nursing, Registered Nursing, Process Plant Technology, Radiological Technology, and Sustainable Energy.

## **National Aviation University, Ukraine**

We are interested in the organization of vocational educational schools and practice for students It is very important for us to develop and strengthen partnership between our countries.

## **Open University, Libya**

E\_Learning, Mechanical, Electrical, IT, Civil Engineering

## **Sultan Agung Islamic University, Indonesia**

Yes.

## **The University of Montana, USA**

Part of the University of Montana is a College of Technology (<http://www.cte.umt.edu/>) with a variety of programs, such as Business Technology, Applied Computing and Electronics, and Other Programs. One that is especially ready and relevant for collaboration is the Energy Technology Program <http://ace.cte.umt.edu/nrg/>

## **University of Business and International Studies, Switzerland**

MBA, EMBA, Bridge MBA, MA – IR, MA – BF

Yes in HR, Bank, International Organization

## **University of Cape Town, South Africa**

I don't have any background in this area myself, but my partner who will also travel with me to INDUS is in the process of developing a programme for call centres in Sales Enhancement and in Sales Agent Management.

## **University of Central Arkansas, USA**

English as a Second language and College Preparatory programs in Math and English

## **University of Ibadan, Nigeria**

We are interested in collaborating with reputable Indian Institutions to establish Vocational Education Programs in Science and Technology.

## **University of Muhammadiyah Jakarta, Indonesia**

1. Nurse
2. Midwife
3. Engineering
4. Social Worker

## **Wayne County Community College District, USA**

Automotive Programs

## **West Texas A & M University, USA**

West Texas A&M University would not be interested in pursuing vocational education programs at this time.

## **Yalova University, Turkey**

Yes. Tourism, Iron, Computer, Naval