

PROGRAM BOOK: SKILLS FOR YOUTH EMPLOYABILITY THROUGH INDUSTRY LINKAGES

TITLE:	Skills for Youth Employability through Industry Linkages
DATES:	8-12 April 2019
VENUE:	Training Institute for Technical Instruction (TITI), Nepal
TYPE:	In-Country Program
ORGANIZERS:	Colombo Plan Staff College (CPSC) and Council for Technical Education and Vocational Training (CTEVT), Nepal

BACKGROUND

We are aware, Youth is a crucial time of life when young people start realizing their aspirations, assuming their economic independence and finding their place in society. The transitions to adulthood and to the work place often take place concurrently, and this is a difficult time for many young people. However, if this transition can be made easier by the effective assistance in making a good start in the world of work, it will positively affect young people professional and personal success in the future stages of life.

The changing economic scenario and the reforms that are taking place in the world of work, the collaboration and tuning between institute and industry are now widely recognized as an essential requirement to skilling youth for employability and for sustaining and promoting faster industrial and economic growth. The linkages between industry and institutions are receiving greater importance for improving the degree of relevance of contents and delivery of Technical Vocational Education and Training (TVET) programmes.

Industry-academia collaboration is increasingly becoming the most important features of TVET in its orientation towards development of workforce in the world of work. The changing scenario demands youth to acquire employability skills and updating with the latest technology and machines being used in industry. The partnership between industry and the institute is therefore necessary to make TVET relevant to the demands of industry. It has been widely accepted fact that intensive interaction with industry is indispensable for the quality and relevance of skill training in the new era of global economy.

In this perspective, there are many initiatives that Nepal has recently taken to improve quality of TVET programs. The Industry - Academia partnership has received particular attention, and there is a general trend in the region to move closer to

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industry. Developing linkages with industry for skilling for youth employability needs to be part of a broader objective for taking systemic reforms in the TVET system.

CPSC, as an inter-governmental organization for the development of TVET in the Asia and the Pacific Region answers this call. Through, the In-Country Program on Skills for Youth Employability through Industry Linkages, CPSC, contribute to the raising of awareness and provision of skills and values necessary to put Industry - Academia Linkages for TVET System into practice. Since Industry- Academia Linkages lies at the spirit of the TVET System, it shall become the platform for participants from member country to contribute to enhance through their occupations and other areas of their lives.

The In-Country Program on Skills for Youth Employability through Industry Linkages is founded on the premise that specific approach is needed to deal with the skills development in meeting the needs today and in the future.

OBJECTIVES

The objectives of this In-Country Program (ICP) are to:

- Elucidate the significance of skilling youth for employability through Industry - Academia Partnership in TVET;
- Comprehend innovative models and approaches of skilling youth for employability through Industry - Academia Partnership;
- Cultivate innovative approaches for stimulating entrepreneurship in TVET system;
- Prepare an action plan to have a special vision for skills for youth employability through industry linkages in TVET system.

PROGRAM CONTENTS

The delivery of the program design follows a spiral learning approach, beginning with an overview of core concepts and followed by progressively deeper application of the concepts and finally a self-directed learning approach through action planning.

Part 1

- **Special Lecture** on Industry-Institute Linkages in Outcome-Based Learning in Asia-Pacific Region

Part 2

- **Module 1: Overview of Skilling Youth for Employability through Industry Linkages in TVET**
 - Emerging Skills for Youth Employability
 - Building Industry - Academia Partnership in TVET System

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- Facilitating and Restraining Factors in Skilling Youth for Employability
- **Module 2: Innovative Models and Approaches of Skilling Youth for Employability in TVET System**
 - Innovative Models and Approaches of Skilling Youth for Employability
 - Good Practices on Skilling Youth in Nepal
 - Stimulating Entrepreneurship Education in TVET System

Panel Discussion

- Skill-Oriented Education to Boost Youth Employability

Group Work and Action Plan

- Approaches & Current Practices of Institutes on Industry Linkages
- Preparation of Action Plan on Skilling Youth for Employability through Industry Linkages in TVET

National Consultative Seminar

- Skills for Tomorrow

EXPECTED OUTPUT

The participants are expected to obtain the following at the end of the training program:

- List of Skills required for Youth Employability in TVET system;
- Innovative Models and Approaches in Skilling Youth for Employability;
- Preparing Youth for School-to-Work Transition.

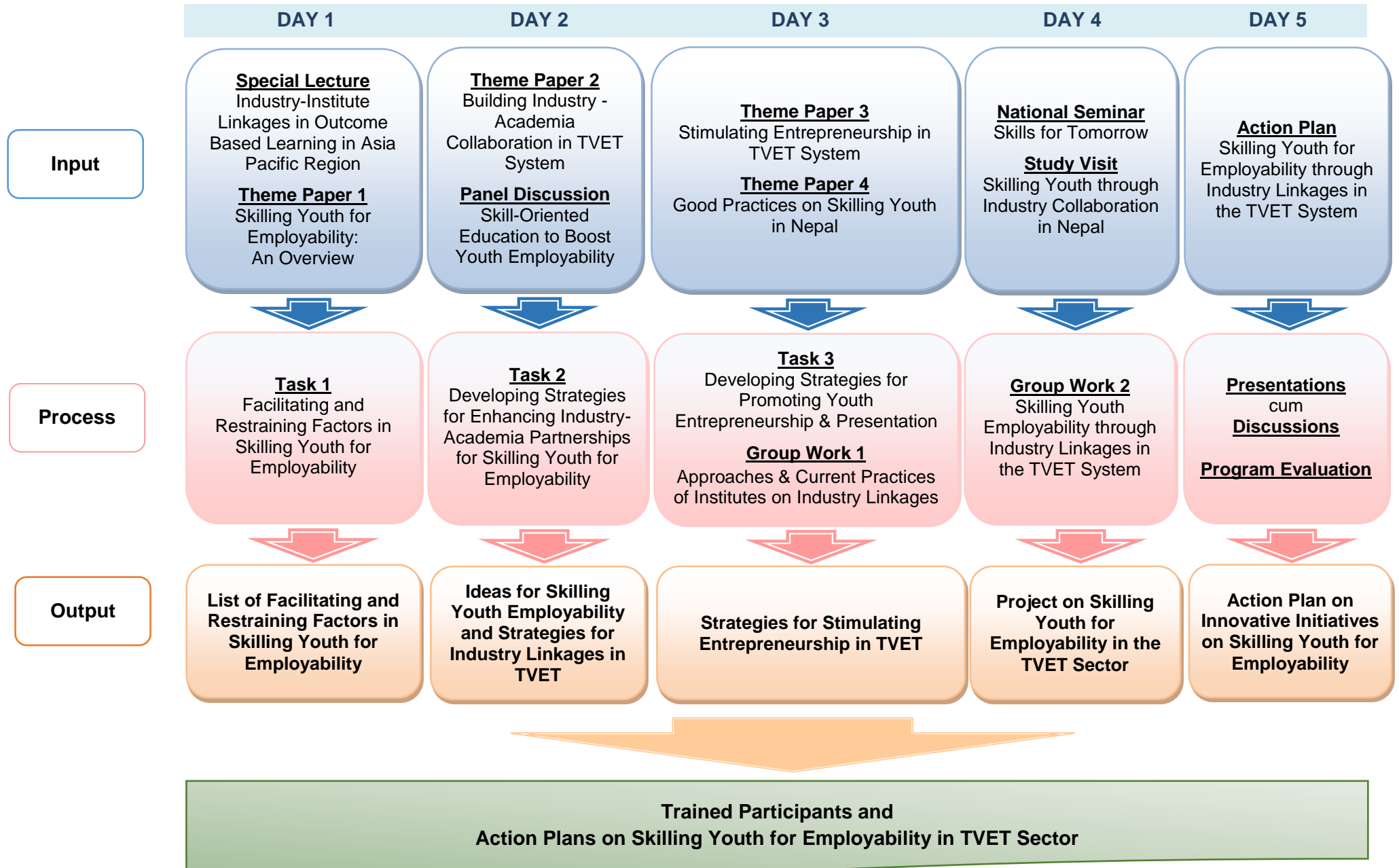
INSTRUCTIONAL STRATEGIES

The program involves different learning methods such as:

- Special lectures
- Blended method of theme paper presentations
- Case studies
- Individual and group tasks/assignments
- Presentations and experience sharing
- Field visit
- Cyber lectures

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INPUT – PROCESS – OUTPUT (IPO) MODEL



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PARTICIPANTS' PROFILE

The ICP is designed for about 40 participants who may include, among others, principals, heads of training divisions, curriculum writers, teachers of technical and vocational education and training institutions, instructors of employment promoting organizations and trade associations of Nepal.

DATE AND VENUE

The five-day ICP will be held from April 8-12, 2019 at the Training Institute for Technical Instruction (TITI), Nepal.

PROGRAM FACILITIES

To conduct the program smoothly, the following facilities are required:

Facilities and Equipment	Specification
Conference Hall/ Board Room	<ul style="list-style-type: none"> ✓ Proper conference facility with audio-visual systems and multimedia projector
Computer Laboratory	<ul style="list-style-type: none"> ✓ Multimedia projector with screen and microphone ✓ Computer units (or one for each participant*) with the following specifications: <ul style="list-style-type: none"> • Core i3 or higher • Microsoft Windows 7 or higher • 4 GB RAM or above • Each computer with DVD-ROM drive and headset • Windows Media Player/VLC Media Player • Internet Connection (preferably wired Local Area Network/LAN and Wi-Fi) • Google Chrome browser • Any office suite software (MS Office, Libre Office, OpenOffice.org, Google Drive, etc.) • Installed Image Editing Software and Active Presenter ✓ Space for group works, preferably with round tables
Secretariat Office Spaces	<ul style="list-style-type: none"> ✓ Working space for CPSC Coordinator, and Resource Speaker/s ✓ Photocopy and printing equipment for documentation purposes ✓ Internet connectivity and other fixtures

**participants may bring their own laptops for convenience*

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PROGRAM MANAGEMENT

Program Supervisor



Dr. Ramhari Lamichhane is the first Nepali and the 11th Director General of CPSC. Currently, he is the President of Asia Pacific Accreditation and Certification Commission (APACC). He was appointed by the Governing Board on June 23, 2016. He is a certified project assessor, strategic planner, experienced project manager, TVET Institution Quality Assessor, TVET Expert, and a seasoned manager.

Dr. Ramhari has served as Member Secretary/Chief Executive Officer of the Council for Technical Education and Vocational Training (CTEVT) in Kathmandu, Nepal (2013-2016) prior to his appointment as CPSC Director General. He was involved in the development of a National TVET Policy in Nepal, as well as the development and implementation of TVET programs. Experiences of 25 years in TVET sector in different positions, as an Instructor, Principal, Program Coordinator, Project Manager and Director, contributed to make him CEO of CTEVT. In addition to TVET work, he taught MBA student for 15 years as a part time Faculty of White House College, Purwanchal University, Nepal.

He has participated and delivered paper presentations in a number of international conferences, meetings, symposia, seminars and workshops on TVET. He has presented papers in more than 30 countries. He has also authored book on Access of Disadvantaged Group in TVET: A case of Nepal, training manual on Greening TVET, and co-authored about 20 journal papers on various areas of TVET, such as QMS, Greening TVET, Entrepreneurship in TVET, TVET Accessibility, TVET Financing, Gender and Equality in TVET, and Marketing of TVET.

Dr. Lamichhane earned a Doctor of Philosophy and Master of Philosophy (M. Phil) on Education Leadership from Kathmandu University in Nepal (2000-2006). He has a degree on Educational Administration, Planning and Policy as a Humphrey/Fullbright Professional from Peabody College/Vanderbilt University, Tennessee, USA (2010-2011). He also studied Advanced Diploma in Hospitality Management from TAFE, South Australia (1995-1996). He obtained his Master in Business Management (MBA) (1989-1990) and his Bachelor in Commerce degrees from (1987-1988) from Tribhuvan University, Kathmandu Nepal.

Regarding social service, he has served as a volunteer in YMCA, Second Harvest, and Refugees settlement in USA and involved in relief work for earthquake and flood victims in Nepal through Lions Club of Nepal. He is a Lion Member too.

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He received Prabal Gorkha Dakshin Bahu IV from Late King Birendra Bira Bikram Shah Dev for best performance in tourism sector development in Nepal as a Principal, Pokhara Tourism Training Center, and Hashimoto Scholarship for M. Phil study by Ryutaro Hashimoto Foundation, Japan, and Humphrey Fellowship from HHF/Fullbright Foundation, USA. Similarly, World Education Congress awarded “EDUTECH Leadership Award 2017” in Mumbai, India.

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Program Supervisor



Dr. Pushpa Raman Wagle is the present Member Secretary of Council for Technical Education and Vocational Training (CTEVT). The Government of Nepal (Cabinet of Ministers) appointed Dr. Wagle as the Member Secretary (Special Class) of CTEVT on June 23, 2017. He is a professional manager and TVET Expert. Dr. Wagle has served as Director and Project Manager of various divisions of CTEVT and TVET projects.

Experience of 26 Years in TVET sector in different positions as an Agriculture Instructor, Technical Officer, Skill Testing Officer, Accreditation Officer, Senior Supervision Officer, Training Manager, Project Manager and Director, contributed to make him the Chief Executive Officer (Member Secretary) of CTEVT.

He has participated and delivered paper presentations in several national/international conferences, meetings, seminars and workshops on TVET.

Dr. Wagle was awarded a Doctor of Philosophy in Technical Education and Vocational Training from Sangam University, India. He has a degree on Environment Management from Pokhara University, School of Environmental management and Sustainable Development-Nepal and a bachelor's in agriculture from Tribhuvan University, Institute of Agriculture and Animal Science, Nepal.

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Program Coordinator and Resource Person



Prof. Dr. Rajesh Khambayat is a Fulbright Scholar 2014. He is presently working as Joint Director of PSS Central Institute of Vocational Education (PSSCIVE), Bhopal a constituent unit of NCERT, under the MHRD, New Delhi. Formerly he was working as a Professor and Head of the Education & the Research Department at the National Institute of Technical Teachers' Training and Research (NITTTR) in Bhopal, India, where he was in charge of curriculum and programs design and development for both Graduate and Undergraduate Courses and Programs. He is also engaged in undertaking research studies and consultancy, policy planning, monitoring and promotional evaluation for the department.

He was involved as International Specialist, Skills Standards and Curriculum [ICT/Business Sector] for the Asian Development Bank (ADB) funded TVET Project in Cambodia. He was also associated as a Faculty Consultant of Colombo Plan Staff College for Technician Education (CPSC) appointed by the Governing Board of CPSC an Inter-Governmental International Organization in Asia and the Pacific region based in Manila, Philippines. He was actively involved as individual consultant with UNESCO, Bangkok and UNESCO-UNEVOC, International Centre, Bonn, Germany.

He has a rich experience in the field of technical education and training for human resources development in the public and international sectors. He has successfully completed many projects, written and contributed in various books and published papers in journals of repute. He also hosted several National and International Conferences, discussions and meetings. In addition, he has undertaken many novel initiatives including collaboration with international/national organizations in strengthening the technical education system in the region.

His countries of work experience include Afghanistan, Bangladesh, Bhutan, Cambodia, China, Fiji, Germany, Republic of Korea, Malaysia, Myanmar, Nepal, Pakistan, Papua New Guinea, Singapore, Sri Lanka, Mongolia, Maldives, Thailand, Saudi Arabia, Vietnam, Uzbekistan, USA and the UK.

He completed his Bachelor's degree in Engineering in 1986 from the Karnataka University, in India, his Master's degree in Engineering (Civil Engineering) from Birla Institute of Science and Technology, Pilani, India in 1989; and another Masteral degree in Business Administration, Major in Marketing, from the University of Poona, Pune, India in 1992. He earned his doctoral degree in Technical Education from Barkatullah University in Bhopal, India in 2003.

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He has acquired highly professional experiences through his various engagements in the different facets of Technical Education such as human resources development, academic consultancies, implementing innovations in Technical Institutes, establishing strong linkages with various client systems including industries and in planning, conducting, administration, monitoring and evaluation of programs and project.

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Local Coordinator and Resource Person



Er. Anoj Bhattarai is presently working as Director (Officer 1st Class-Technical) of Technical Division at Council for Technical Education and Vocational Training (CTEVT), Nepal. Formerly, he was working as director and program director in Training Institute for Technical Instruction (TITI), where he was in-charge of training department management and training/program analysis, design, development, implementation and evaluation. He was also engaged as TVET consultant for trainings, curriculum development, national competency standards development, quality assurance manual development and various other training related consultancy services nationally and internationally. His countries of work experience include Bangladesh, Bhutan, Nepal, Pakistan and Uganda.

Experience of 18 Years in TVET sector in different positions Civil Engineer, Trainer, Senior Trainer, Program Director contributed to make him the Director of CTEVT. Er. Bhattarai has written a reference book for Engineering Diploma and Technical School Leaving Certificate Program and published papers in journals of repute.

Er. Bhattarai earned a Master of Philosophy (M.Phil.) in Education from Tribhuvan University, M.Sc. Construction Management from Pokhara University, Bachelor's degree in Civil Engineering and Bachelor's degree in Business Administration from Tribhuvan University, Nepal.

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PROVISIONAL PROGRAM SCHEDULE

Day/ Time	9:00-10:30 AM		11:00 AM-12:30 PM		1:30-3:00 PM		3:30-5:00 PM	
Day 1 (Mon) 8 Apr	<p style="text-align: center;">Registration</p> <p style="text-align: center;">Opening Ceremony</p> <p style="text-align: center;">OnCOURSE Registration</p>		<p style="text-align: center;">Program Briefing</p> <p style="text-align: center;">Special Lecture Industry-Institute Linkages in Outcome-Based Learning in the Asia-Pacific Region (Dr. Ramhari Lamichhane)</p>		<p style="text-align: center;">Theme Paper 1 Skilling Youth for Employability: An Overview (Prof. R.P. Khambayat)</p>		<p style="text-align: center;">Task 1A Identify Skills for Youth Employability (Participants)</p> <p style="text-align: center;">Task 1B Facilitating and Restraining Factors in Skilling Youth for Employability (Participants)</p>	
Day 2 (Tue) 9 Apr	<p style="text-align: center;">Panel Discussion on “Skill-Oriented Education to Boost Youth Employability”</p>		<p style="text-align: center;">M</p> <p style="text-align: center;">Theme Paper 2 Building Industry-Academia Collaboration in the TVET System (Prof. R.P.K.)</p>	<p style="text-align: center;">L</p> <p style="text-align: center;">U</p> <p style="text-align: center;">N</p> <p style="text-align: center;">C</p>	<p style="text-align: center;">Task 2 Developing Strategies to Enhance Industry-Academia Partnerships in Skilling Youth for Employability (Participants)</p>	<p style="text-align: center;">T</p> <p style="text-align: center;">E</p> <p style="text-align: center;">A</p>	<p style="text-align: center;">Presentation of Task 2 (Participants)</p>	
Day 3 (Wed) 10 Apr	<p style="text-align: center;">M</p> <p style="text-align: center;">I</p> <p style="text-align: center;">L</p> <p style="text-align: center;">Y</p>	<p style="text-align: center;">Theme Paper 3 Stimulating Youth Entrepreneurship (Prof. R.P.K.)</p>	<p style="text-align: center;">B</p> <p style="text-align: center;">R</p> <p style="text-align: center;">E</p> <p style="text-align: center;">A</p>	<p style="text-align: center;">Task 3A Quiz: You Want to be an Entrepreneur?</p> <p style="text-align: center;">Task 3B Developing Strategies for Promoting Youth Entrepreneurship and Presentation (Participants)</p>	<p style="text-align: center;">H</p> <p style="text-align: center;">B</p> <p style="text-align: center;">R</p> <p style="text-align: center;">E</p> <p style="text-align: center;">A</p>	<p style="text-align: center;">Theme Paper 4 Good Practices on Skilling Youth in Nepal Focusing on Industry Linkages (Er. Anoj Bhattarai)</p>	<p style="text-align: center;">B</p> <p style="text-align: center;">R</p> <p style="text-align: center;">E</p> <p style="text-align: center;">A</p>	<p style="text-align: center;">Group Work 1 Approaches and Current Practices of Institutes on Industry Linkages (Participants)</p>
Day 4 (Thu) 11 Apr	<p style="text-align: center;">National Consultative Seminar on "Skills for Tomorrow"</p>		<p style="text-align: center;">National Seminar (cont'd)</p>	<p style="text-align: center;">M</p> <p style="text-align: center;">I</p> <p style="text-align: center;">L</p> <p style="text-align: center;">Y</p>	<p style="text-align: center;">Group Work 2 Development of Action Plan on Skilling Youth for Employability through Industry Linkages in TVET (Participants)</p>	<p style="text-align: center;">K</p>	<p style="text-align: center;">Study Visit Skilling Youth through Industry Collaboration in Nepal</p>	
Day 5 (Fri) 12 Apr	<p style="text-align: center;">M</p> <p style="text-align: center;">I</p> <p style="text-align: center;">L</p> <p style="text-align: center;">Y</p>	<p style="text-align: center;">Preparation of Action Plans</p>	<p style="text-align: center;">Presentation of Action Plans</p>		<p style="text-align: center;">Examination</p> <p style="text-align: center;">Online Evaluation</p>		<p style="text-align: center;">Closing Ceremony</p> <p style="text-align: center;">Awarding of Certificates</p>	

**MILY: Most Important Learning of Yesterday*