

Information Bulletin

on

Online Remote Industry Internship Program

D.I.E.T (Design, Innovation, Entrepreneurship, Technology)

Course Fee:

Rs 6000 /-



National Productivity Council

Centre of Excellence on IT for Industry 4.0

(CoE: IT for I4.0)

(DPIIT, Ministry of Commerce & Industry, Govt. of India)

A. About Us

National Productivity Council (NPC) is a national level organization to promote productivity culture in India. Established by the Ministry of Industry, Government of India in 1958, it is an autonomous, multipartite, non-profit organization. The Governing Council has an equal representation from employers' & workers' organizations and Government, apart from technical & professional institutions and other interests. NPC is a constituent of the Tokyo-based Asian Productivity Organization (APO), an Inter Governmental Body, of which the Government of India is a founder member.

VISION

To become knowledge leader in productivity and to provide state of art services to Industry and Organizations to become globally competitive.

MISSION

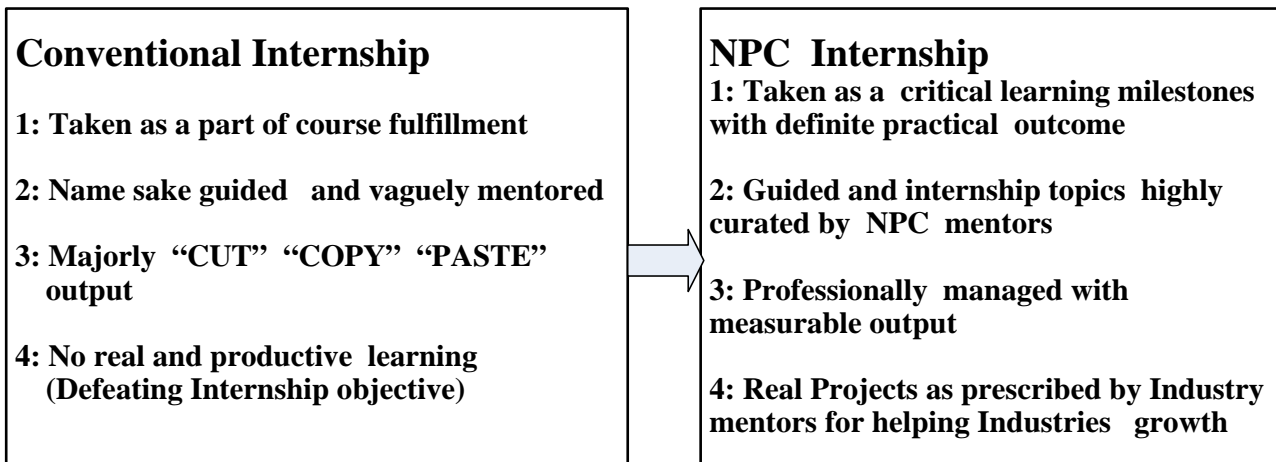
Contribute to the sustainable, inclusive socio-economic development of the country by enhancing productivity.

STRATEGY

- ❖ To promote innovation - led productivity in a sustained manner in all spheres of national economy through holistic and inclusive approach by addressing the triple bottom line – Economic, Environmental and Social.
- ❖ To propagate productivity consciousness and culture amongst Govt., Business and Society.
- ❖ To demonstrate value addition through generation and application of advanced productivity tools and techniques for multiplier effect.
- ❖ To act as a total solution provider for Industry, Services, and Agriculture sectors for augmenting productivity through Training, Consultancy and Research wherever needed through alliances and partnerships
- ❖ To act as a catalyst in institution building and developing platforms for collaborative networking to strengthen the productivity movement.
- ❖ To act as a think tank by providing productivity related evidence based policy support and advice in while tracking the emerging trends.
- ❖ To recognize productivity champions through awards, affiliations, certifications, accreditation etc.
- ❖ To be repository of productivity and competitiveness data across all sectors at the state and national level.

B. Remote Industry Internship Program - DIET -Course Structure:

The Remote Industry Internship Program has been conceptualized to leverage the Industry-Academia Linkages to contribute and create Integrated Digitalization led Indian Economy. The main focus of the Program is to make the students future ready and increase employability through providing industry exposure in online mode. This would create and improve Skill Sets in the country in consonance with Industry's requirements. The significant shift in the learning process through DIET compared to the conventional internship and the proposed structure is detailed as below:-



• Course Duration :	6 weeks
• Total Credit :	6
• CA (Continuous Assessment) :	60 Marks
• ETP (End Term Project):	40 Marks
• Total :	100 Marks
Duration : 6 Weeks	
Start Date : 1 Jun-2020	End Date : 15 Jul-2020

• **Course Content**

Unit 1: Business Growth parameters

Topics: Creativity , Innovation , Productivity

Unit 2: Business Growth Tool 1: E 4.0 (Enterprise 4.0)-Level 1

Topics: Work Place Automation overview i.e ERP , SCM , CRM

Unit 3: Business Growth Tool 2: Market 4.0- level 1

Topics: MarTech and Micro S.U.RE –(Millinnials –Micrprenure)

Unit 4: Business Growth Tool 3: I 4.0(Industry 4.0)-Level 1

Topics: Process Automation IIOT, Sensors, AI, ML, Data Science

Unit 5: Business Growth Tool 4: F 4.0(Finance 4.0)-Level 1

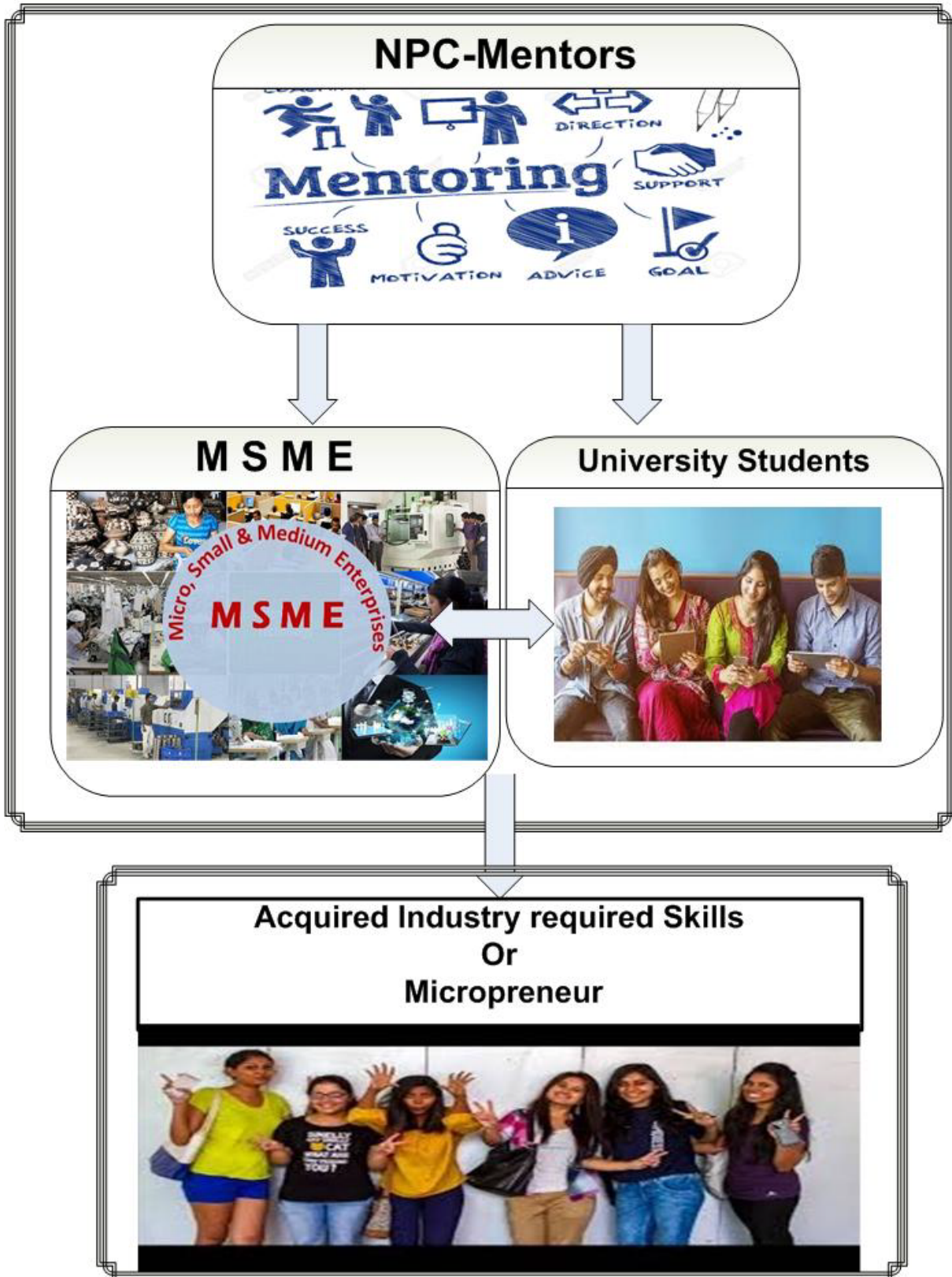
Topics: FinTech applications

Unit 6: Application of all tools in Industry Project

Learning Out come

- To imparting industry specific education to the students for enhancing their
 - **Technology**
 - **Design**
 - **Entrepreneurial skills**
- Make Students
 - **Industry-ready professional**
 - **Entrepreneur i.e Micro Partners of Industries Under Adopter-Adoptee System**
 - **Freelancer to undertake “Industries” projects**

Online -Real Projects thru NPC -“Industry Experts”



C. NPC Competency

NPC teams up with its clients in Govt. and Industry to work out solutions towards accelerating productivity, enhancing competitiveness, increasing profits, augmenting safety and reliability and ensuring better quality. The Council promotes a comprehensive view of productivity focused on improving triple bottom line – economic, environmental and social and adds value for all the stakeholders through generation & application of advanced knowledge for inclusive Growth. NPC provides professional services in:

1. Industrial Engineering

- ✧ Industry 4.0
- ✧ Lean Manufacturing
- ✧ Process And Productivity Improvement Studies

2. Energy Management

- ✧ Energy Management And Audit
- ✧ Demand Side Management Potential

3. Environment Management

- ✧ Consultancy And Capacity Building Services
- ✧ Green Productivity / Waste Minimization
- ✧ Environmental Audit, Environment Management System, And Monitoring

4. Agri Business

- ✧ Evaluation & Monitoring of Development programs and schemes
- ✧ Policy Formulation and Strategic Development Plans

5. Economic Services

- ✧ Sectoral / Industry / Product Profile Studies
- ✧ Socio-economic Impact Studies
- ✧ Monitoring & Evaluation of Government Schemes

6. Human Resource Management

- ✧ Manpower Planning & Rationalisation
- ✧ Competency/Skills Mapping/Assessment

7. Information Technology

- ✧ E-Governance Initiatives Assessment And Promotion
- ✧ Web Based Application Development

NPC has dedicated strength of Trained consultants/Officers and has a pool of Empanelled Experts and Technical Solution providing companies on its panel. It also has access to International experts in above fields.

D. Objectives

NPC is looking for students to be part of these projects through “Online Internship” Model:

- ✧ To Empower Indian youth with right skills, which is required by Industries
- ✧ To Break barrier of “**Unguided Industry Internship**” and convert into effective, curated and guided Internship under mentorship of NPC experts.

E. Technologies

NPC’s Industrial Projects which will be part of the DIET Industry Internship Program shall comprise the following Technological Domains:

- ✧ Industry 4.0,
- ✧ Market 4.0,
- ✧ Enterprise 4.0
- ✧ Finance 4.0