

## **Institute - Industry - Interface**

### **(Triple I Programme)**

**(In view of making a MoU between MG University-BIIC  
& Central Travancore Chamber of Commerce and Industry)**

#### **Preamble**

Gap between industry and academia is a long standing challenge which has not yet been properly resolved. The exponential growth of science and technology and the social-economic 'disconnect' affect both the industry and the academy, especially on the knowledge and skills of the students. For world-class educational institutes and big corporations the gap of interfacing is very narrow. Attracting and creating 'nobel laureates', and bringing "funds" by them are ordinary practices of many international institutions. Philanthropists donate millions for fundamental research and getting funds for issues that bring changes and positive impact in society are usual in institutes in developed countries. Besides, industries and corporates line up to get technology transfer from reputed institutes and give research projects to them.

The gap between institute and industry in developing countries is very wide and seems to never compliment each other. Many corporations and industries outsource their work, products and services to developing economies. It is a big burden for industries to train freshers on new technologies and gadgets that are not usually covered in the academics (Eg. Moore's law effect<sup>1</sup>)

In this situation, small, medium, local and indigous industries (MSME) and academies should find new solutions and resilient plans to complement and to 'bridge the gap' (Make in India, Atmanirbhar Bharat). Institute - Industry - Interface (Triple I Programme) is a novel complementary approach and a 'bridge the gap' programme. It is in line with the Mahatma Gandhi University Education Strategies and National Education Policy 2020. Triple I Programme identifies strategy to grow and survive by complementing each other and addressing challenges in the knowledge era and industry 4.0.

Mahatma Gandhi University - Business Innovation and Incubation Centre (BIIC) is established (2016) to promote innovation and entrepreneurial culture among students, helping to set up student start-ups, technology transfer and commercialization of products. Central Travancore Chamber of Commerce and Industry is a registered association for the promotion and the development of business and industry in the Central Travancore region comprising mainly 4 Districts - Kottayam, Pathanamthitta, Idukki and Alappuzha. The Central Chamber is affiliated to Associated Chambers of Commerce and Industry of India (ASSOCHAM) and Confederation of Indian Industry (CII).

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<sup>1</sup> [https://en.wikipedia.org/wiki/Moore%27s\\_law](https://en.wikipedia.org/wiki/Moore%27s_law)

**Agenda (Webinar)**  
**Institute - Industry - Interface**  
**(Triple I Programme)**  
**3. PM, 23, February 2021**

**Items:**

1. Vice Chancellor's Address
2. Introduction on Mahatma Gandhi University - Business Innovation and Incubation Centre (BIIC) and the Members
3. Introduction on Central Travancore Chamber of Commerce and Industry
4. **Institute - Industry - Interface** Programme
  - a. The project mainly includes a Series of University-Industry Interface Seminars/Webinars/Clubs/Showcase of Product and Services/Tours to Facilities/Research Initiatives/ Database Sharing.
  - b. Database Sharing of Industries and products will help both the industry and the University
  - c. Setting up an Exhibition Centre which showcases Industrial products of the region
  - d. Virtual Tour (develop website) on Research activities of the University and on the Industries and Business in the region
  - e. Setting up internship and Earn While Learn projects
  - f. Access to University Research Facilities like high-end Labs (eg. nanotechnology lab, etc.) to Industry. (University Day, Research Day, Industry Founders day etc)
  - g. Factory visits and their Facilities like foreign machines and their operations open to the students
  - h. University Library open to Industry
  - i. Collaboration in developing indigenous products and services (Atmanirbhar Bharat or 'self-reliant India' or 'self-sufficient India')
  - j. Capacity Building (skilling and continuing education) of the employees and industrial exposure to the students
  - k. CSR, Philanthropy and Fundraising Campaign Day
  - l. International Collaboration in product, process and service development
  - m. Industry 4.0: AI, Robotics, Nanotechnology, Blockchain, Data Analytics, Bionics, Assistive Technology, Biodesign, Bioinformatics etc.

**Institute-Industry-Interface  
(Triple I Programme)**

**MG University-BIIC &  
Central Travancore Chamber of Commerce and Industry  
Sign a MOU for Institute-Industry-Interface Programme**

**A Series of University-Industry Interface Seminars/Webinars/Clubs/Showcase of Product and Services/Tours to Facilities/Research Initiatives/ Database Sharing**

University	Interface	Industry
	Conference/Webinar /Club Meeting	
	Internship/Earn While Learn	
	CSR Funding	
<b>Showcase Departments and Products</b>	<b>Database Sharing of Industries and Products</b>	<b>Showcase Medium and Small Industries and products of the Region</b>
<b>Showcase Research Facilities in the University to the Industry</b>	<b>Exhibition Centre in the University of the Industrial Products</b>	<b>Showcase Sector-wise Clubs like Rubber, Spices, etc.</b>
<b>Showcase Products which the University Wanted to Sell for Technology Transfer</b>	<b>Tour to Research Facilities in the University</b>	<b>Areas where the Industry needs Research and Development</b>
	Tour to Factories and Facilities	
	Development of Products and Services	
	Capacity Building Employees and Industrial Exposure to Students	