



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY

University with Graded Autonomy Status

(An ISO 21001 : 2018 Certified Institution)

Periyar E.V.R. High Road, Maduravoyal, Chennai-95. Tamilnadu, India.



ANNUAL REPORT

2023 - 2024

IIPC



From The Desk of President

Er. A C S. ARUNKUMAR

Education is presently undergoing a welcoming seismic change. In tune with the changing time Dr.M.G.R. Educational and Research Institute (Dr. M.G.R. University - Estd U/s 3 of UGC Act 1956) aims to help students to excel in the various fields of study of their choice. Dr. M.G.R. University prepares students for challenging careers and focuses on connecting students and faculty with industry. Keeping in mind the challenges of creating employable graduates, Dr M.G.R. University has created an innovative Cell called the Industry Institute Planning Cell with the aim of creating a bridge with the industry. This Cell focuses on taking the student community to the next level by enhancing their technical and life skills and improving their employability.

From The Desk of Vice-Chancellor

Prof. Dr. S. Geethalakshmi



I am pleased to note that the department of industry & institute Planning Cell (IIPC) established at Dr. M.G.R Educational and Research Institute, Chennai is releasing Annual Report for the year 2023-2024 shortly

I came to understand that IIPC has initiated actions for interacting between Industries and our Institute for preparing students for jobs in multinational companies. To Become reality, bridging the gap between Industry and academic institute is must And for this the IIPC is serving for our students and the students get exposure to

Industry and subsequent placement in various disciplines. Further the IIPC has done various activities such as use of Industrial Lab, research guidance from IndustryInstitute training etc. This kind of activities will promote healthy interaction between Industries and Institute and also enable the students who aware of Industrial standards and capable of achieving so.

Hence I congratulate the whole team of IIPC of this Institute for initiating steps to release the Annual Report for 2023-2024.

From The Desk of Registrar

Dr. C.B. Palanivelu



With the motto of our University “Our Students are to be Job Creators and not job seekers” the Industry Institution Planning Cell (IIPC) of our University plays a prominent role in the life of the students who aspire to become entrepreneurs in their respective fields. It is the right decision of the Management to have IIPC sign a MoU with Ambattur Industrial Estate Manufacturer’s Association (AIEMA), Chennai one of the biggest industry hubs located nearby our University which enables close links between Industry–Institute programs. IIPC also disseminates the technical advancements through informal educational techniques to the students to get motivated to become entrepreneurs. It gives me great pleasure that IIPC is doing its good service to the student by arranging various training programs, identifying opportunities for students to do project work in their respective fields, Department level tie-ups with industries, R&D activities with industries, promoting consultancy activities and training courses for industry people, planning for industrial visits, guest lectures, seminars, sharing of expertise, etc.

Message from Pro Vice Chancellor

Dr. S. Ravichandran



The Industry Institute Partnership Cell of Dr. M.G.R. Educational and Research Institute provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students and faculty to meet the global challenges. The cell enables students to be aware of the lacunae in their skills and provides an opportunity to upgrade them. It also enables Faculty to be aware of industry expectations & train students to meet these expectations. IIPC developed engineering personnel capable of coping-up with the accelerating pace of the technological development. Created adequate facilities of updating knowledge of professional engineers and technologists to meet growth and developmental needs of the industry and provided industrial exposure to students through joint projects, industrial visits and students' internships. IIPC at our University will create an effective contribution to our vision and effectively avoid criticisms of the shortcomings.

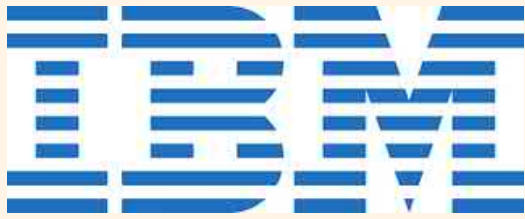
Message from Dean Placement & IIPC

Dr. C. Balakrishnan



To enhance the better interaction in between of institution and industry is very much essential for the Today's world, and it makes a good platform for showcasing best practice, latest technological advancements and their implementation and impact on the industry. The main objective of interaction between of industry and institute is to improve the quality technical education adequately to meet the needs of the industry and economy. Industry Institute Planning Cell continuously supplied input to better teaching-learning processes, create awareness among the students about the environment of industry, provide real practical knowledge to students and provide self confidence for students to become an entrepreneur. The above can be achieved by providing the very good bridge between industry and the academic institute and to promote the good Institute-Industry Planning Cell for our institute.

TRAINING PARTNERS



BOSCH



Confederation of Indian Industry

**CADD
CENTRE**



ICTACADEMY®



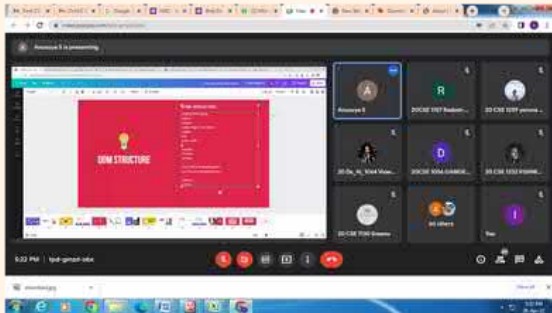
एन एस आई सी
N S I C



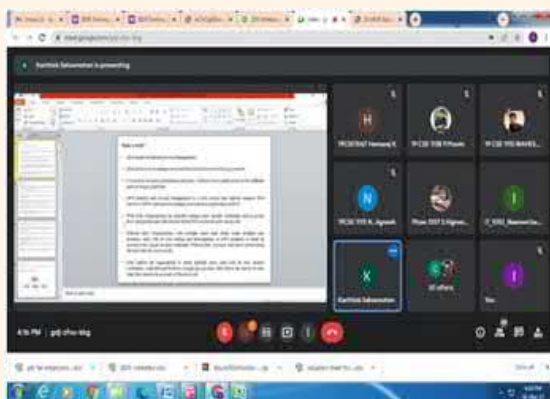
**L&T
EduTech**

TRAINING PROGRAMS

NSIC (Online Programs)



The NSIC AWS CSE hosted a comprehensive Virtual Value Added Course on Amazon Web Services in order to equip participants with the necessary skills and knowledge for utilizing cloud computing services. The students engaged in concentrated learning sessions on various AWS topics for a total of 30 hours over a span of two weeks. Attendees acquired a solid understanding of AWS fundamentals through a blend of lectures, interactive conversations, and practical activities, empowering them to efficiently utilize cloud-based solutions in their educational and work endeavors



An Integrated program on augmented reality (AR) and Virtual reality (VR) was organized by NSIC from November 8th to 19th, 2023. During which students were immersed in a 40 hours cognitive feast. The meeting delved into the profound vision of AR/VR in futuristic learning and virtual gaming. It provided a platform to discuss the transformative potential of these technologies in education and entertainment



Embedded Design with IoT value-added course stands out as a beacon of innovation and learning in this era. Understanding this ever-ending learning, NSIC Embedded Design IOT,CSE, ECE orchestrated the 40 hours workshop from 8.11.2023-19.11.2023.Students participated actively in every stage of the learning process, from designing IoT solutions to prototyping and testing. This hands-on approach not only reinforced their comprehension of the subject matter, but also inspired confidence in their ability to face real-world issues

TCS ION (Online Programs)

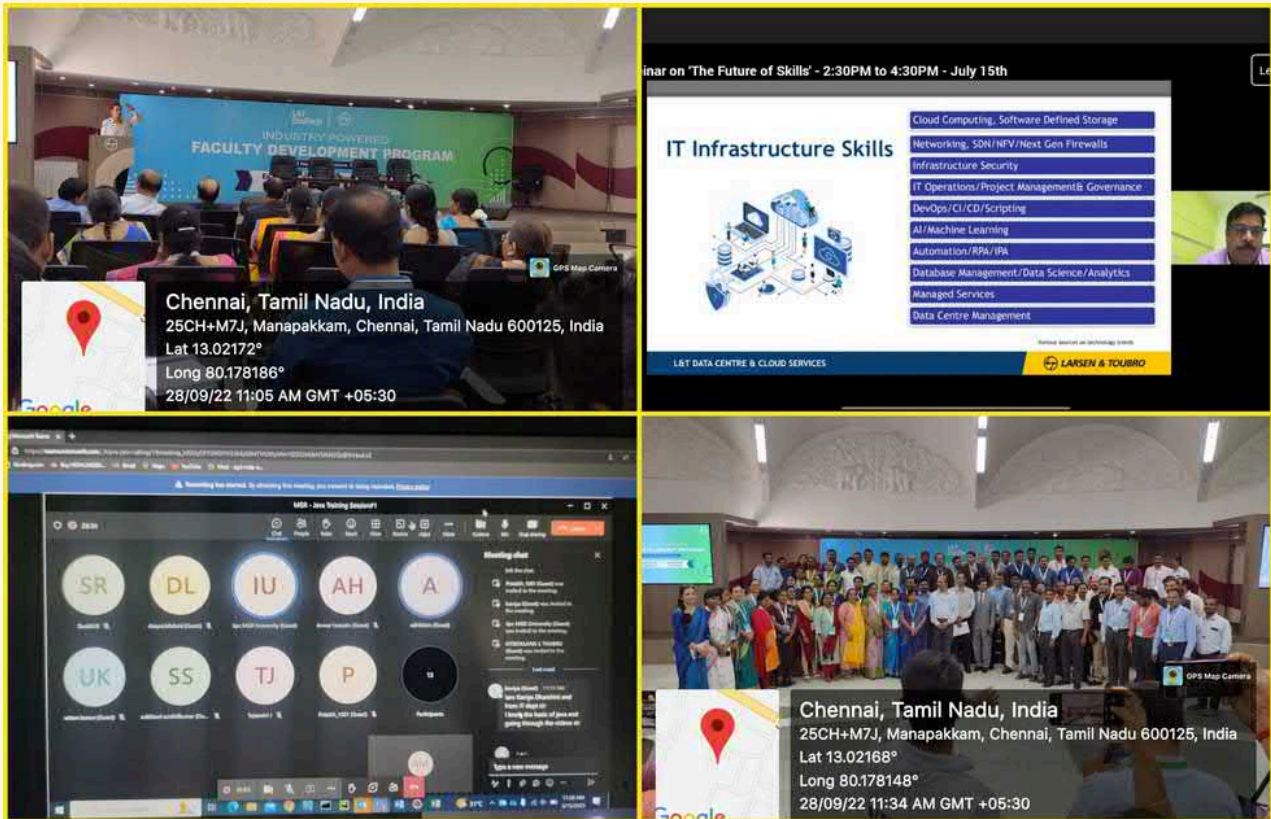


TCS ION is a learning package for 2024 batch freshers! Apart from the range of preparatory classes, seminars and sessions you get, the best part of this course is you would get an inspiring community of like-minded people which would be a major factor that'll challenge you and drive you towards pursuing your professional dreams. All your questions regarding your professional future will be answered there.



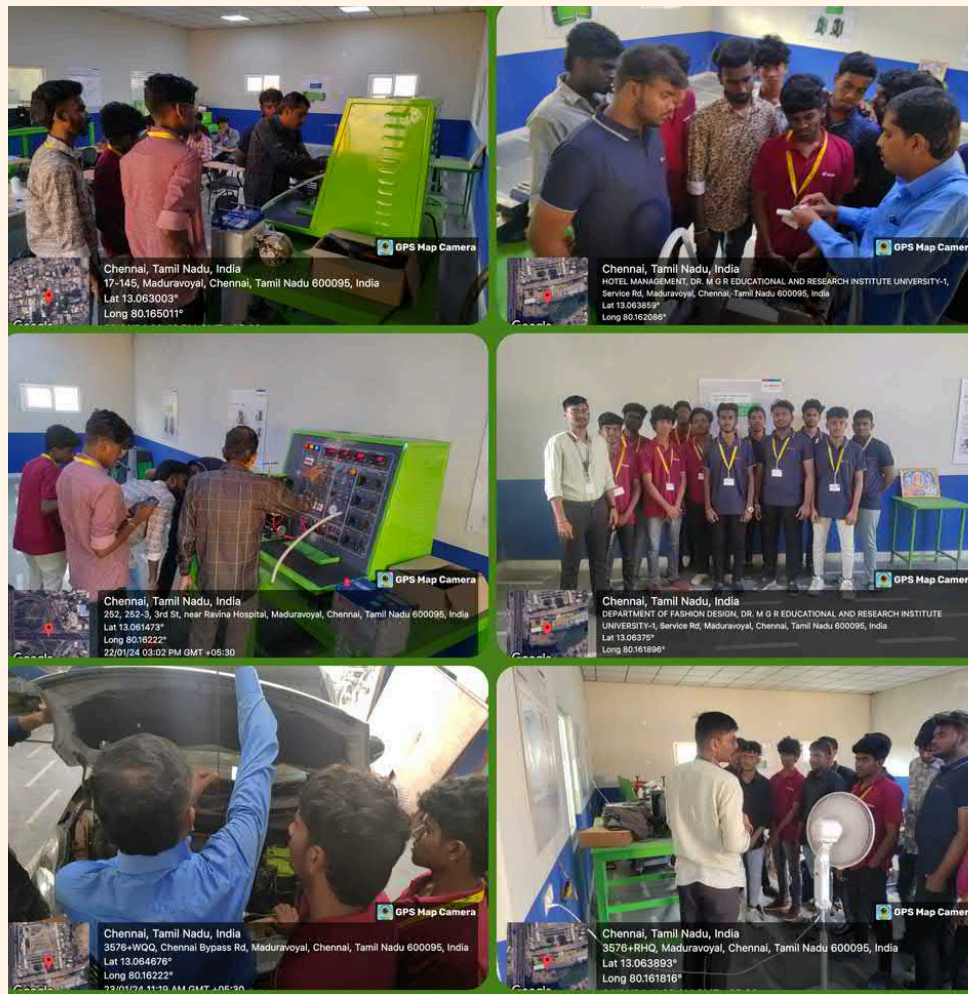
Being it about acing TCS National Qualifier Test (NQT) or your interest in knowing a glimpse of how life would be in TCS, all your queries will be cleared when you step out of completing the course designed exclusively TCS ION is a thriving community of young talent aspiring for an optimal start to their careers with TCS. If that describes you, think of an exclusive learning space that covers the length and breadth of everything you want to know and need to know to step into the corporate world with confidence – that's ION for you! This unique platform offers a wide array of carefully curated learning modules, engagements and connects that you can explore to update your knowledge and hone your skills. It has all the right resources that will give you an edge in your preparation for the hiring test which is your gateway to a TCS ION

L&T (Online Programs)



Headquartered in Mumbai, Larson & Toubro Limited (L&T) is one of the largest and most respected companies in India's private sector. With over 80 years of a strong, customer focused approach and a continuous quest for world-class quality, L&T has unmatched capabilities across Technology, Engineering, Construction, and Manufacturing and maintains a leadership in all its major lines of business. With such heftic technical background, The company came up with sharing its exponential career goals with the future generation by tailoring an intensive workshop for ECE, EEE, IT, Civil, Mechanical, and B. Arch students. Ergo, this initiative was undertaken to edify students with knowledge on Artificial Intelligence and Edge Computing; Full Stack Foundation; Building Information modeling in Architecture, Engineering and construction. The discussion on these Bleeding-edge technologies took place between January 2023 to April 2023. Completing these courses, Students exposed with the myriad of knowledge, equipped with the diverse skill set that would be essential for success in today's rapidly evolving technological landscape.

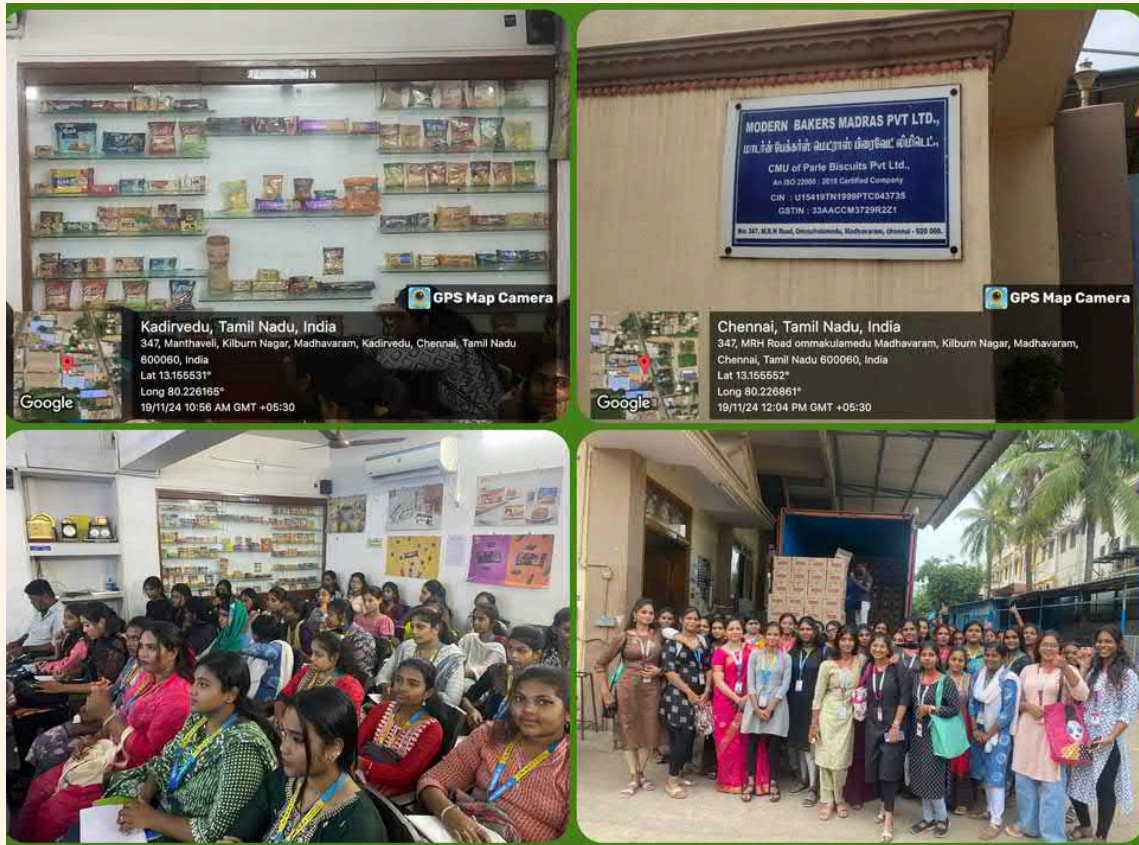
Bosch (Hand on Training Program)



Bosch organized a workshop focusing on vehicle diagnostics and automotive systems (From 04-04-2024 to 08-04-2024), Catering to 10 Mechanical and 5 Civil students. The workshop encompassed key topics including automotive electrical system, battery management, air conditioning, and diagnostics with a blend of theoretical insights and hands on demonstrations. The workshop bridged the gap between mechanical and Electrical engineering, equipping students with practical skills and multidisciplinary perspectives essential for their future careers. Ergo, the event provoked the invaluable real-world insights and preparing them for challenges in the Automation Industry

Industrial visit

B.sc (Fashion Design)

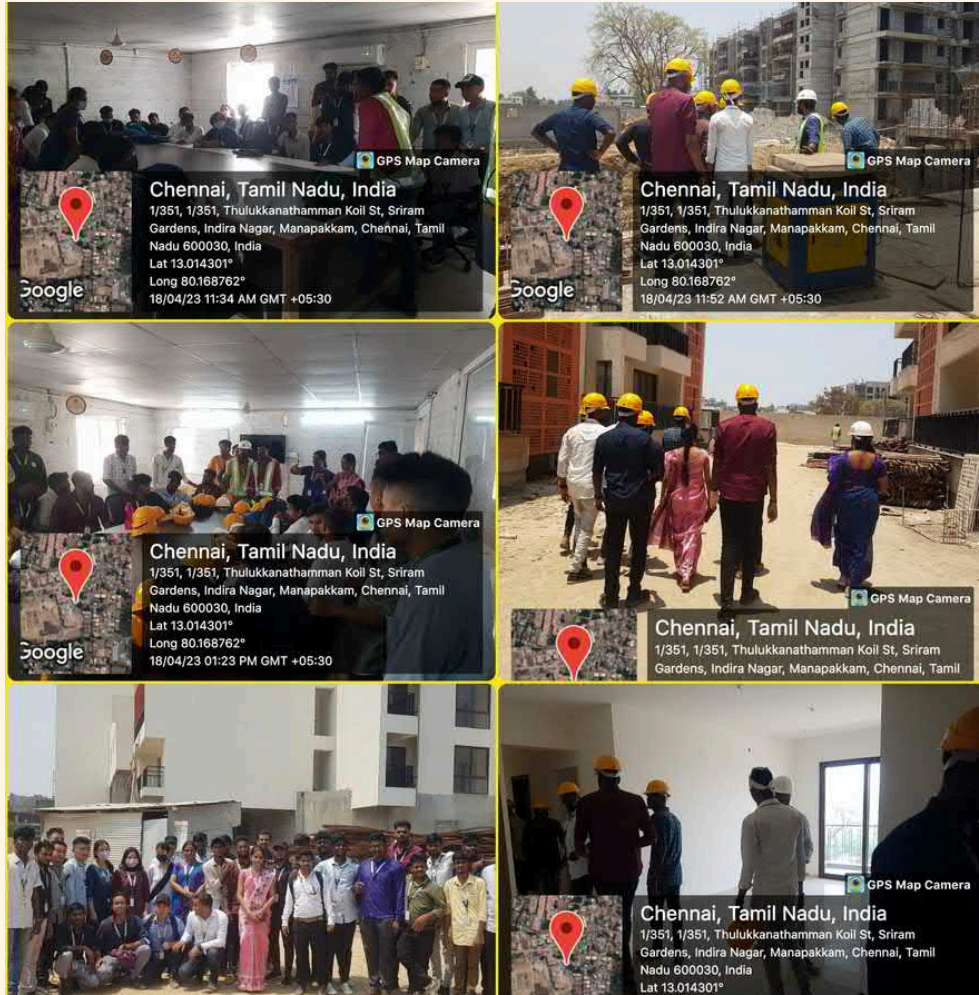


16/2/24

Industry Institute Planning Cell (IIPC) had organized one day Industrial Visit cum workshop for our final year B.sc Fashion Design students in Parle G, Madhavaram Chennai.

Industrial visit

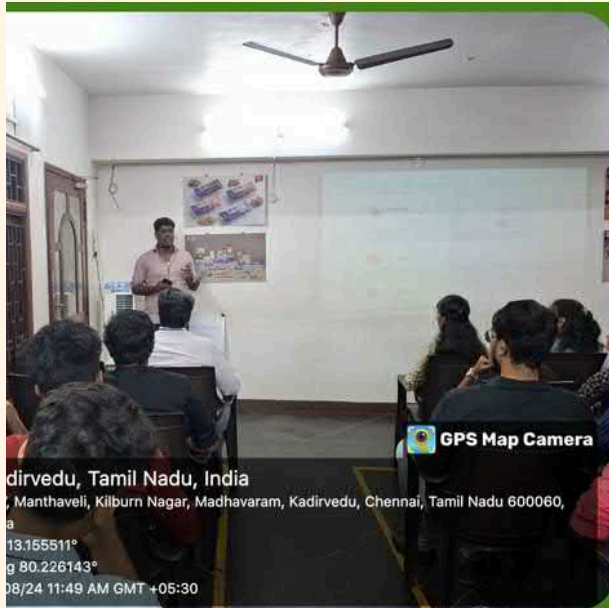
B.Tech (Civil)



30/03/24

Industry Institute Planning Cell (IIPC) had organized one day Industrial Visit cum workshop for our third year B.Tech Civil students in Casagrand, Indra Nagar Manapakkam Chennai.

BBA (General)



13-8-2024

Industrial Institute Planning Cell (IIPC) has organized two days Industrial visit for our final year BBA (General) students in Parle G Madhavaram, Chennai.

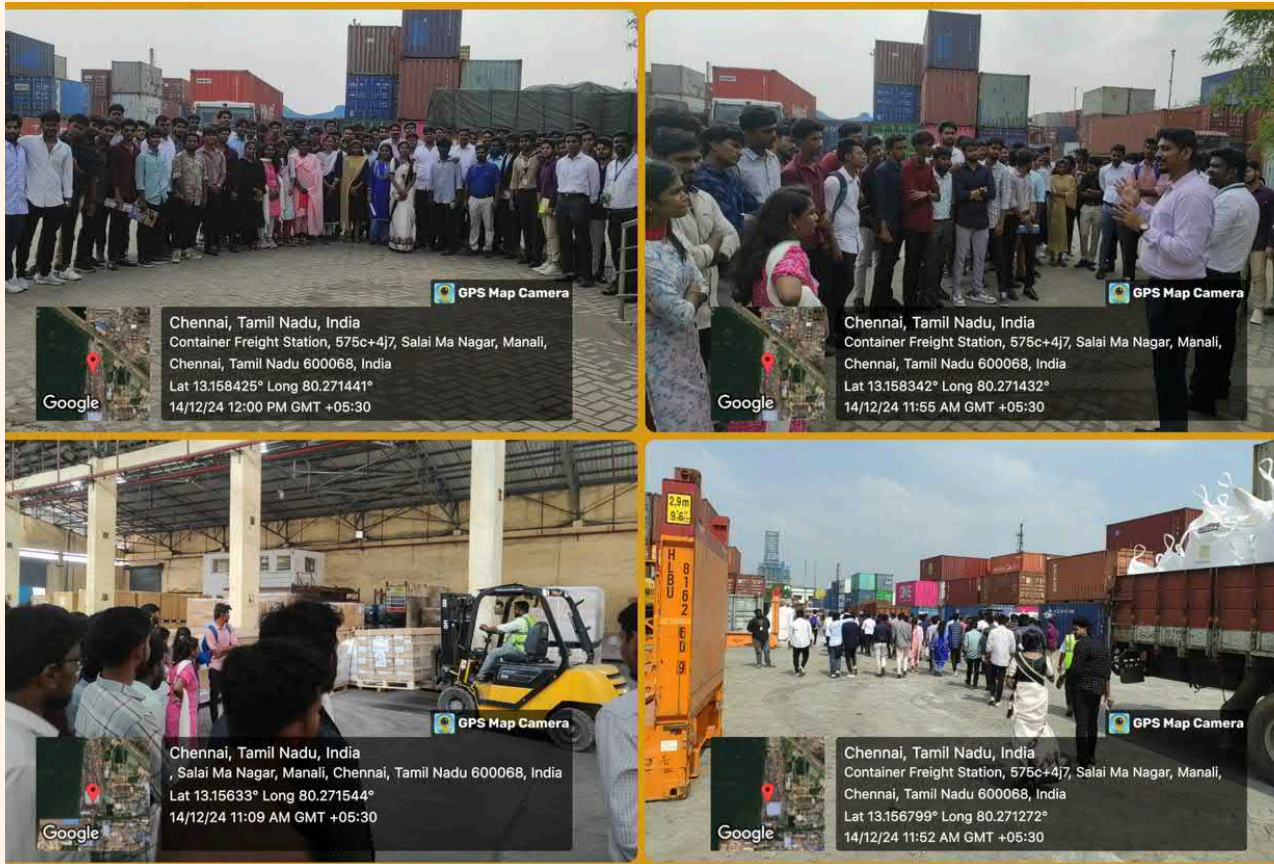
MBA (Logistics and Supply Chain management)



10/05/2023

Industry Institute Planning Cell (IIPC) had organized One day Industrial visit cum workshop for our final year MBA (Logistics and Supply Chain Management) students in DP WORLD Chennai Port .Rajaji Salai, Bharati Dock II, Royapuram, Chennai,

MBA



07/03/23

Industry Institute Planning Cell (IIPC) had organized One day Industrial visit cum workshop for our final year MBA students in Balmer Lawrie , Salai Ma Nagar, Old Washermanpet, Chennai, Chennai

Future programs

- Certificate Training Program on - Skill Development Training Program- 3D printing (Mech)
- Pre Placement Training program on Hexaware
- Certificate Training Program on Bosch Training
- Industrial Training on Industrial Workshop
- Certificate Training Program on Skill Development Training Program- Bosch Care Taker (Nursing)
- Technology Talk on TCS - JAVA Virtual Workshop
- Technology Talk on TCS - Python Virtual Workshop
- Technology Talk on Project Based Learning for software Interns-3
- Technology Talk on Aptitude Training Program-4
- Technology Talk on Previewd of Emerging Technologies-4