

7.2.2. Best Practice II

Title of the Practice: One Day One Industry

Objective of the Practice:

The main objective is to establish and maintain relationships with the Industry through MoUs, Center of Excellence, Industry projects, industrial visits and in-plant training programs for students and faculty members.

The Context:

As part of Silver Jubilee Celebration, the institution has taken the initiative to interact with various industries through the Institutions Innovation Council that maintains professional relations with industries. Industrial visits are arranged for students and faculty members to gain practical exposure and keep abreast of their knowledge. To achieve academic excellence, students are encouraged to interact with industries and research organizations through FDP, industrial visits, sponsored projects, training programs, internships, consultancy etc. Industry professionals are regularly invited to share their knowledge with the students. It opens up a fresh avenue for enthusiastic young minds and faculty members to develop skills across diverse areas, including managerial skills, social responsibilities and Industry liaison.

The Practice:

To strengthen the Industry Institution Interaction, Institution is a member of reputed Industry professional bodies like MADITSSIA, CII etc. The main motto behind the MADITSSIA is enabling domain exploration through working principles, application and hands-on experience to make students deployable. It facilitates training, manufacturing, R&D activities, incubation center and many more. The one day one industry program is aimed at developing meaningful relationships with industries to create and strengthen mutually beneficial relationships between Institution and Industry.

Faculty Development Program – To upgrade professional skills, various FDPs are conducted, which includes interactive sessions by Industry experts and Industry workshops/ training.

Student Development Program – For the overall development of students, various programs are conducted like personality development, career counselling, technical competitions, industry training programs, industrial visits, Value add on courses etc.

Curriculum Review – The Institution has constituted an Academic Council, Governing Body and Board of Studies for all programmes which comprise experts from various industries. Their suggestions are incorporated into the curriculum through different add-on courses/guest lectures.

International Linkages –The institution is trying to build international linkages by availing membership of professional bodies, MoUs with various Industries and partnership between Industry and academia through consultancy. MoUs are signed with various companies and different activities such as project sponsorships, competitions, seminars, workshops and technical events are conducted.

Guest Lectures – People from Industry, Alumni who work in Industry visited our campus regularly. They are interacting with students and explain the recent trends, share their experience and motivate them to achieve in the competitive world.

Industrial Visit - Faculty members and Students regularly visit nearby industries to identify the problems and give the solution to these problems in terms of projects.

Evidence of Success:

- Kamaraj College of Engineering and Technology, Institutions Innovation Council is rated 3.5 Star rating by Government of India AICTE & Ministry of Education Innovation Cell.
- Faculty Members visited TVS Eurogrip Madurai. They are identified the project and collaboratively work to complete this Projects.
- Signed MoU with FinWallet Associates. This will facilitate Internships our students to be trained in Fintech.
- Signed MoU with Nuvepro Technologies, Bengaluru. This will facilitate upskilling in Cloud Computing.
- Signed MoU with NAWAD Tech is a Scientific Industrial Research Organization (SIRO) recognized by Ministry of Science & Technology, This will facilitate the Students Research Projects.
- Signed MoU with TEMS Tech Solutions, Incrix Techlutions, Smart Ant Technologies, this will enhance the skill development, Internship and Project Collaboration.
- Organized Value Added Course Like Web Application Development using JSP and Web Services, Ethical Hacking, Robot Operation System, Tekla Structures,

IoT, AI & ML, Block Chain and Crypto Currency, Mean Stack, etc., with Industry Certificate.

- The Core Company Placement count becomes increasing compared to the previous years.

Problems Encountered and Resources Required

- Sometimes it is a hurdle to call speakers from prominent companies for expert sessions because of their busy schedules.
- Lack of Industry projects for final year students.

7.2.2. Best Practice I

Title of the Practice: One Day One Industry

MoU Signed with Industry



Signed MoU with SmartAnt Technologies, Chennai.
This will enhance the skill development and internships for the students.
Date : 20.12.2022



Signed MoU with FinWallet Associates. This will facilitate internships, our students to be trained in Fintech.
Date : 01.12.2022



Signed MoU with Nuvepro Technoloies ,Bengaluru.
This will facilitate upskilling in Cloud computing.
Date : 22.12.2022



Madurai, Tamil Nadu, India
maditssia Complex - Annex Building, W4PR+M58,
Mellur, Madurai, Tamil Nadu 625020, India
Lat 9.936658°
Long 78.140456°
14/12/22 06:34 PM GMT +05:30

Signed MoU with MADITSSIA. This will facilitate Industry institute Interaction with many industries.
Date :14.12.2022



Signed MoU with Minniyal Raghu Enterprises. This will promote students projects and guest lectures.
Date: 15.02.2022



Signed MoU with TEMS Tech Solutions. This will facilitate skill development training and collaborative projects.
Date: 16.09.2022



Signed MoU with Incrix Techlutions. This will facilitate value added courses and Internships for our students.
Date: 20.05.2022



Signed MoU with KCET and Dharmarathina Textile Pvt. Ltd for student's projects and internships.
Date: 15.03.2022



Signed MoU with SVS foods. This will facilitate guest lectures and project work for the students.
Date: 02.02.2022



Signed MoU with M/s VEI Technologies P Ltd, Chennai. This will facilitate projects, internships for students.
Date: 05.07.2022



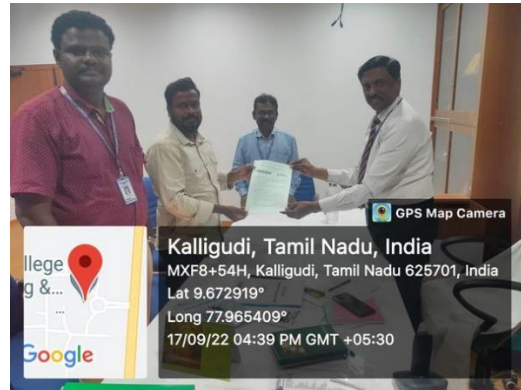
Signed MoU with Graspear Solutions P Ltd. This will facilitate student internships, skill development in emerging areas.
Date: 09.05.2022



Signed MoU with Alfa TKG Integrated Solutions India a Japanese company at Chennai. This will facilitate consultancy and students projects.
Date: 23.05.2022



Signed MoU with Pennisular Export Company. This will facilitate Students projects and consultancy.
Date: 07.11.2022



Signed MoU with Techland Automation, Trichy. This will benefit training and internship for students.
Date: 17.09.2022



Signed MoU with Dhanyas Natural Products. This will help for Industry guest lecture and incubation and Projects.
Date: 14.10.2022



Signed MoU with Dawn Calorific Exports, Chennai for students projects and guest lectures.
Date: 08.03.2022



Signed MoU with Srihari Tex Industries. This will facilitate internships and projects.
Date: 23.09.2022



Signed MoU with Garbage Bank. This will facilitate Collaborative Product development between both.

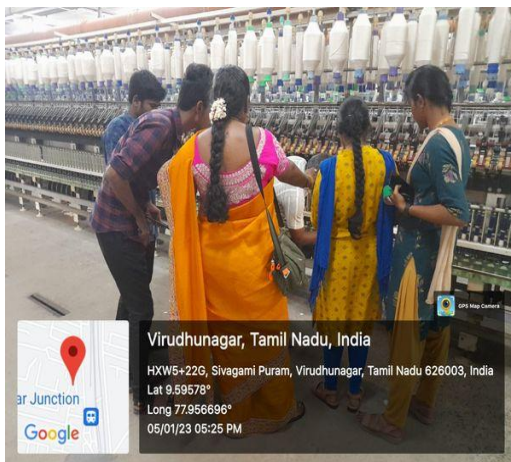
Industrial Visit



Faculty members and Students visit to M/s Energy Cashews., Virudhunagar for Solving Industry problems on 23.01.2023



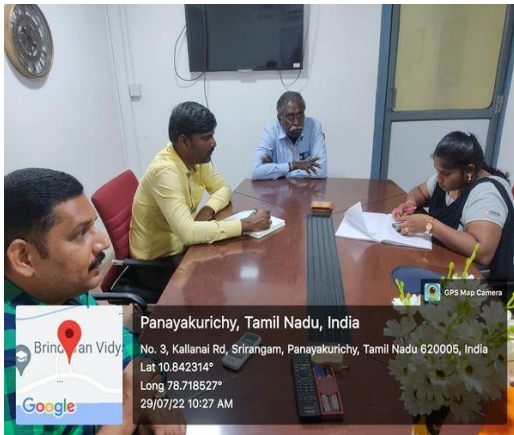
Faculty members visit to TVS tyres for collaborative projects on 20.10.2022



Faculty members and Students visit to Sri Ramani Spinners Virudhunagar for Industry Projects on 05.01.2023



Final year students Industrial Visit to Cochin for Industry Exposure



Dr.Prince Winston HoD,EEE visit to Jascon Energy P Ltd,Trichy the company manufacturing Lithium Ion Batteries. This explore the possibility of collaborative projects on 29.07.2022



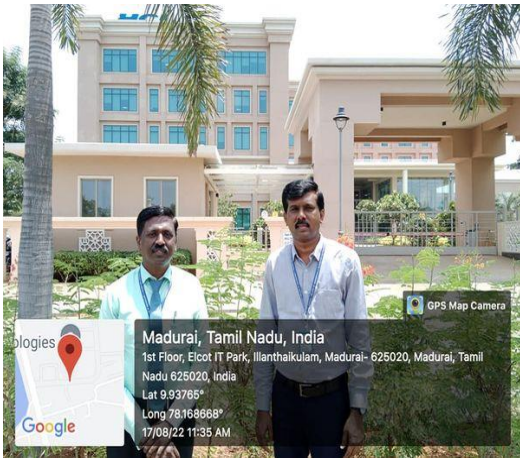
I year students Industrial Visit to Wind Turbine Test station, National Institute of Wind Energy, Kayathar on 16.11.2022.



Faculty members visit to Ramco Cements on 17.09.2022



Faculty Members Visit to Modern Industries, Sivakasi for collaborative projects on 15.02.2022



Faculty members Visit to HCL, Madurai for collaborative projects discussion on 19.08.2022



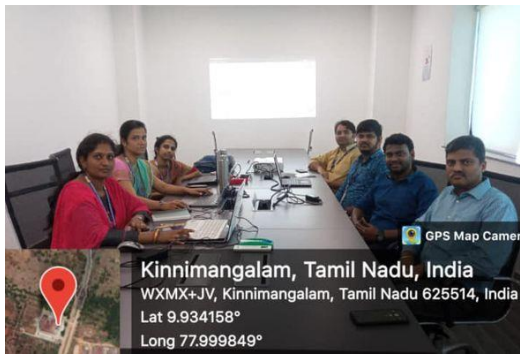
Faculty members visit to Ruby Foods for Automation projects on 03.01.2022



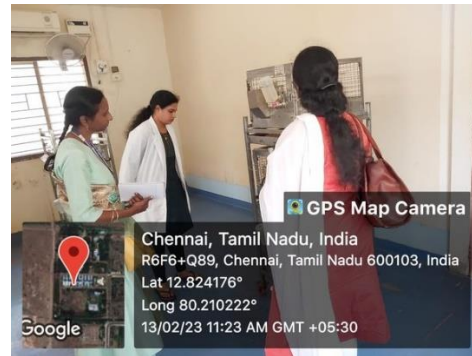
Mech students visit to HMT Bangalore, Civil students to Metro Rail project Bangalore ,IT students to Celestial solutions,Bangalore.



Faculty members visit to S.T. Industries, Madurai for collaborative projects on 17.10.2022



CSE department faculty members visited Chainsys. Three days Industrial Training was offered to them. Faculty members were trained on emerging technologies



BT faculty members visited Bioklon Biotech and Life Cell International Ltd. for future collaborative works on 13.02.2023

Industry Person – Guest Lecture



Industry Person Guest Lecture on
"Entrepreneurship and Innovation" organized by
Kamaraj IIC.
Resource Person : Mr. Vigneshwaran, President,
BNI Pandyas
Date : 09.02.2023



Alumni working in Industry Devliver the Guest
Lecture on "Cybersecurity"
Alumni : Ms.Akshaya, (2015 batch)
Ms.Pournima, (2019 Batch), Neeyamo Solutions.
Date : 06.02.2023



Workshop on "Design Thinking and its role in
Business organization " organized by Mech dept.
Resource Person : Mr.Eregamani, Founder, Maple
Tech Solutions
Date: 03.02.2023



Guest lecture on "Supply Chain Management"
organized by Department of ECE
Resource Person : Mr.Raju, Former Deputy
General Manager, BPL Medical Technologies
Ltd, Palakkad
Date :30.01.2023



A Expert Session on “Maintenance and Troubleshooting of Electronic Equipments” organized by IIC

Resource Person : Mr.Sabari, Touch and Touch Inst of Communication Technology.

Date : 28.01.2023



Fun in Active Learning '

A session organized by EEE department on 25.01.2023.

Resource person : Dr.Jeya Bharathi, Managing Director, Modern Groups.



IIC organised a session on "Modern Technologies in Solar Photovoltaics".

Resource Person : Mr. Raghupathi, Director, Sree Minniyal Enterprises.

Date : 25.01.2023



Alumni working in Industry Devliver the Guest Lecture on “Market Needs and Scope of AI and Data Science”

Alumni : Anandha Murugan (2009 batch) ,Chief Technology Officer, Pruvity HR Solutions P Ltd



Alumni working in Industry Devliver the Lecture to Students.

Alumni : Mr. Maniraj, 2017 batch currently working as Design Engineer in Altair Engineering P Ltd,Chennai
Date : 24.01.2023



IIC Organized Guest Lecture on “Achieving Problem Solution fit and Product market fit”
Resource Person : Mr.Karthikeyan, Founder ,Wink Dezign visited
Date : 23.01.2023

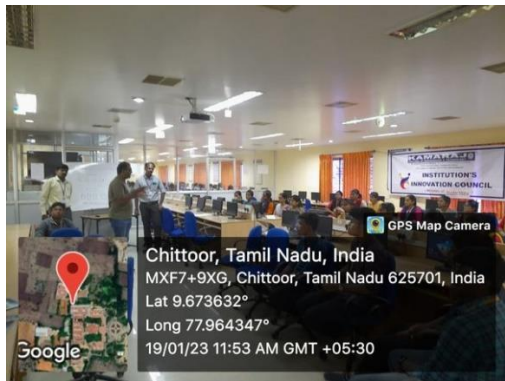


Alumni working in Industry Devliver the Lecture to Students

Alumni : Mr.Palanikumar, 2009 batch currently working in Senior Engineer in Maire Technimont, Italy.
Date : 23.01.2023



Placement Cell organized session on “Cloud computing and Information Security”
Resource Person : Mr.Prabagar Ramamurthy , Head, Information Security Manager and Mr.Ramasamy Security Manager from Tata Consultancy Services.
Date : 23.01.2023



IIC organized workshop on “Problem solving and Ideation”.
 Resource person : Mr. Senthilkumar, Creative Director, VS Innovations.
 Date : 19.01.2023



Alumni working in Industry Devliver the Lecture on “Current Trends in IT/Agile Processes”
 Alumni : Er. **Rajavel Bose**, (2007 Batch) TCS, Texas, USA
 Date: 11.01.2023



IIC Organized Guest Lecture on “Industrial Applications using Embedded Systems”
 Resource Person : Mr. ShenbagaMoorthy Pandian, Senior Engineer, Aptiv, Bangalore.
 Date : 11.01.2023



IIC Organized Guest Lecture on “Behaviour and Attitude Development”
 Resource Person : Mr. Ajmal, FinWallet
 Date : 10.01.2023



IIC Organized Deliver the session to students
 Resource Person : Mr.Sundarajan, Filial aquatics
 Date : 07.01.2023



SAE organized session on 'Opportunities for students through Society of Automotive Engineers (SAE India)'
 Resorce Person : Dr.Kannan, Secretary, SAEISS
 Madurai
 Date: 10.02.2023



Alumni working in Industry Devliver the Lecture.
 Alumni : Er. Deepa Jeyamani, working as Director,
 Hexaware Technologies, Chennai
 Date : 21.12.2022



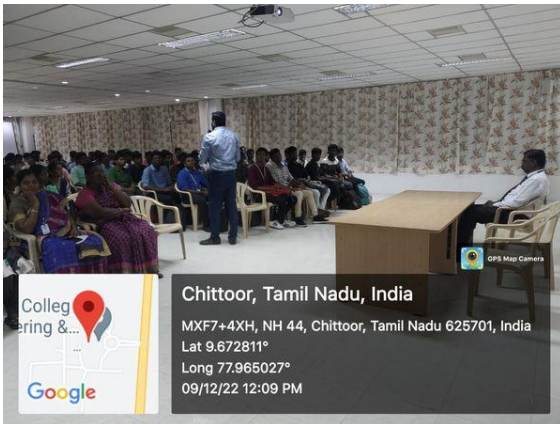
Alumni working in Industry Devliver the Lecture.
 Alumni : **Mr. Muthusingararavadivelu,**
currently working as Director-Product
Management at Accelya ,Dubai
 Date: 21.12.2022



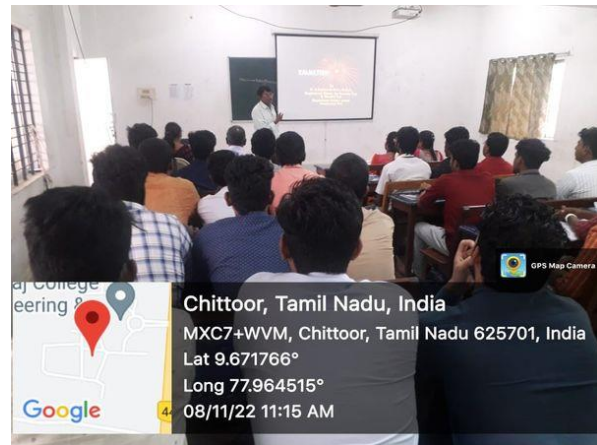
Three Day Faculty Development Programme on "Web Application Development using Django Framework". This programme organized by CSE department in association with Lambda Tech Softics



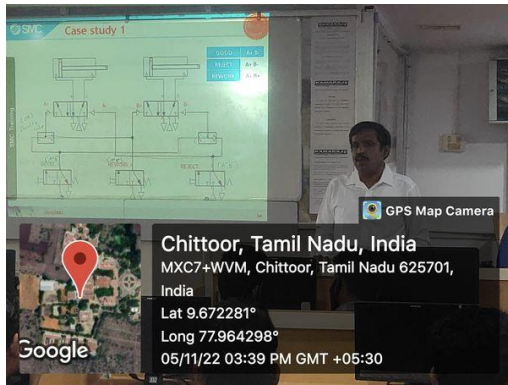
Alumnus Meenakshi Sundaram, 2012 batch currently working as Head-Manufacturing at Nouveaux Industries visit our campus on 17.12.2022



Alumni working in Industry Deliver the Lecture on "Ignite the Spark in you" Alumni : Er.Shriraman, 2015 batch working as Asst Manager in Chennai Metrorail. given by him to 1 year students. Date: 22.12.2022



Orientation Seminar on "Valuation of Infrastructure Projects" organized today at KCET". Resource Person: Er.Baskaran, Hitech Associates, Madurai. Date: 08.11.2022



**Workshop on " Industrial Automation"
organized by MTR dept. Resource person
Mr. Sasikumar, Training Manager, SMC
Corporation India Ltd. Chennai.**

Date : 05.11.2022



**Industry Guest Lecture on 'Innovation in
Design' organised by IIC. Thanks to
resource person Mr.Imaran Khan,Vestas
Wind Technology, Chennai.**

Date : 31.10.2022



**Industry Guest Lecture on 'Innovation in
Industrial Automation'. Resource Person
Mr.Ram Kumar, Industrial Automation
Engineer, Mine Power Controls and Systems,
Coimbatore.**

Date : 28.10.2022



**Interaction with Dr.Ramesh Pudale,
Program Manager, Autodesk -Fusion 360
Design Challenge. On 30.09.2022**



Mr.Ganesh Thirunavukkarasu , Head - Academic Interface Programme, Tata Consultancy Services (TCS) addressing our students. Excellent session for budding engineers.

Date: 30.09.2022



Boot camp for Fusion 360 Design Challenge organized in association with AUTODESK under Naan Mudhalvan. 100 Students from various colleges participated in this. Thanks to Mr.Rohith Chandran, AUTODESK, Bangalore.

Date: 27.09.2022



Employment Opportunities in Indian Railways.- A session for KCET ians by Er. Alagarsamy ,Chief Loco Inspector, Central Railways, Pune

Date : 24.09.2022

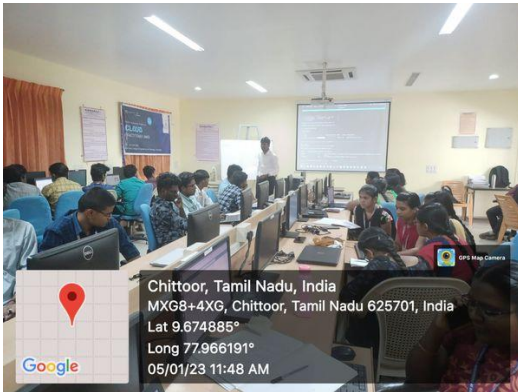
Industry Certified Value Added Course



Value Added Course on 'Web Application Development using JSP and Web Services'. This hands on training was conducted by IT department in association with Silicon Software Services



Value Added Course on “Robot Operating System” offered for MTR department students . This 5 day hands on training was offered in association with RobotoAI Technologies, Coimbatore.



Value Added Course on 'Ethical Hacking' offered to CSE students in association with HebeSec Technologies Pvt. Ltd.



II year students visited CIPET for hands on training and value added course on 04.02.2023

Industry inside the College / Kamaraj Techno Park



Web & Mobile app development company “Priga Solutions”
Start at : 27.01.2023



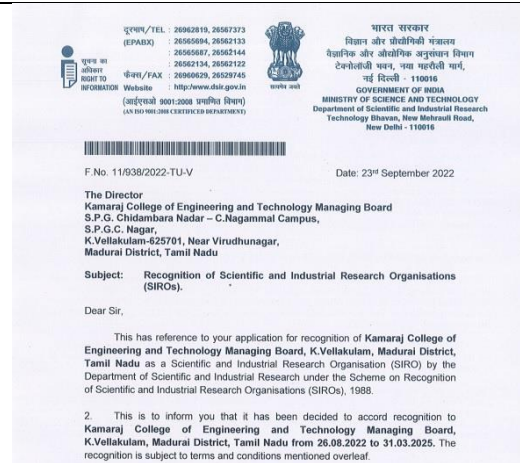
Aviation company “UrTripO Aviation”
Start at : 27.01.2023

Awards and Recognition



Students Anandh and Kirupakaran received appreciation from MD of FinWallet for successful completion of project in Banking.

Kamaraj College of Engineering and Technology is rated Topmost 3.5 Star Rating by Government of India AICTE & Ministry of Education Innovation Cell.



Our KCET student Sarvesh, III CSE, Budding Entrepreneur presented in which CEOs, VPs of leading Software Industries participated on 25.11.2022

KCET is recognized as Scientific and Industrial Research organization (SIRO) by Department of Scientific and Industrial Research.



Kamaraj College of Engineering and Technology is ranked 21st in All India Private Colleges and 6th in Tamilnadu based on the Employability index 2022. Source: Dataquest 2022 Employability index of T Schools.



Kamaraj College of Engineering and Technology has been selected in Promising band under Atal Ranking of Institutions in Innovation Achievements(ARIIA) ranking under private institution by Ministry of Education, Government of India.