CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025

Dr. S. HOSIMIN THILAGAR
DIRECTOR   03.06.2022
Letter No. 3769/AU/CAC/2022

To
The Principals
Autonomous Institutions affiliated to Anna University

Respected Sir/Madam,

Sub: Approval from Board of Studies for EEC Elective "Professional Readiness for Innovation, Employability and Entrepreneurship" - Reg.
*****

Anna University in association with Department of Information Technology, Govt. of Tamil Nadu, is launching a program called Naalaiya Tiran - an "Experiential Project Based Learning initiative", to empower the students with enhanced professional and technical skills. This is a joint initiative of Anna University, ICT Academy of Tamil Nadu, NASSCOM and IBM, and is supported by the Tamil Nadu Skill Development Corporation under the Naan Mudalvan scheme of the Govt. of Tamil Nadu.

As part of this program, Anna University is offering an EEC category MANDATORY ELECTIVE course entitled, "PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP" with 3 credits (as an extended 4-5 months Hackathon) to all the 6th semester students (of B.E. CSE, B.Tech. IT, and B.E. ECE). They will earn the credits in the 7th semester on completion of this course. This course has been approved by the Board of Studies, Faculty of Information and Communication Engineering, Anna University.

In order to facilitate the present sixth/seventh semester B.E./B.Tech. CSE/IT/ECE students in your institutions to study this course, you are requested to get the necessary approval / ratification from the appropriate Boards of Studies, and offer this elective mandatorily in place of a 3-credit Professional Elective in the 7th semester. The syllabus and evaluation pattern for the course as approved in the Board of Studies of Anna University (Non-Autonomous institutions) are enclosed for your perusal.

We also request you to use the following link for the registration of faculty in various roles:
https://careereducation.smartinternz.com/

Requesting your kind cooperation in this regard.

Yours faithfully,

03/06/2022

DIRECTOR

Copy to:
1. PS to Vice-Chancellor
2. PA to Registrar
3. The Stock File.

Regulation 2018			Total Hours			90
Category	Course Code	Course Name	Hours / Week			C
			L	T	P	
E	18ITE047L	Professional Readiness For Innovation, Employability And Entrepreneurship	0	0	6	3

Prerequisite Course (s)

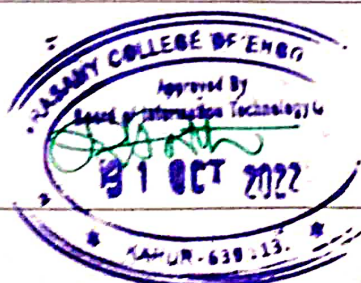| -			

Course Objective (s):

The purpose of learning this course is to:

1	To empower students with overall Professional and Technical skills required to solve a real world problem.
2	To mentor the students to approach a solution through various stages of Ideation,Research, Design Thinking, workflows, architecture and building a prototype in keeping with the end-user and client needs.
3	To provide experiential learning to enhance the Entrepreneurship and employability skills of the students.

Course Outcome (s) (COs):

This course is a four months immersive program to keep up with the industry demand and to have critical thinking, team based project experience and timely delivery of modules in a project that solves world problems using emerging technologies.To prepare the students with digital skills for the future, the Experiential Project Based Learning is introduced to give them hands-on experience using digital technologies on open-source platforms with an end-to-end journey to solve a problem. By the end of this course, the student understands the approach to solve a problem with team collaboration with mentoring from Industry and faculties.

CO1	Upskill in emerging technologies and apply to real industry-level use cases
CO2	Understand agile development process
CO3	Develop career readiness competencies, Team Skills / Leadership qualities
CO4	Develop Time management, Project management skills and Communication Skills
CO5	Use Critical Thinking for Innovative Problem Solving
CO6	Develop entrepreneurship skills to independently work on products

M.KUMARASAMY
COLLEGE OF ENGINEERING
NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution
Thalavapalayam, Karur, Tamilnadu.

The course will involve 40-50 hours of technical training, and 40-50 hours of project development.
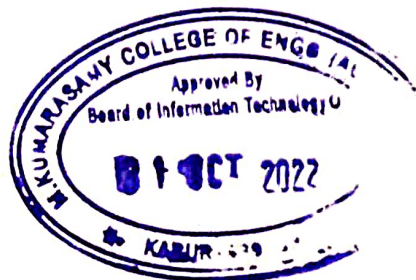
The activities involved in the project along with duration are given in Table 1.

TABLE 1: ACTIVITIES

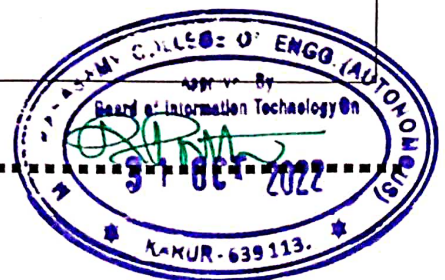| Activity Name	Activity Description	Time (weeks)
Choosing a Project	Selecting a project from the list of projects categorized various technologies & business domains	2
Team Formation	Students shall form a team of 4 Members before enrolling to a project. Team members shall distribute the project activities among themselves.	1
Hands on Training	Students will be provided with hands-on training on selected technology in which they are going to develop the project.	2
Project Development	Project shall be developed in agile mode. The status of the project shall be updated to the mentors via appropriate platform	6
Code submission, Project Doc and Demo	Project deliverables must include the working code, project document and demonstration video. All the project deliverables are to be uploaded to cloud based repository such as GitHub.	3
Mentor Review and Approval	Mentor will be reviewing the project deliverables as per the milestone schedule and the feedback will be provided to the team.	1
Evaluation and scoring	Evaluators will be assigned to the team to evaluate the project deliverables, and the scoring will be provided based on the evaluation metrics	1
TOTAL		16 WEEKS

Essentially, it involves 15 weeks of learning and doing, and one week for evaluation. The evaluation will be carried out to assess technical and soft skills as given in Table 2.

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TABLE 2: EVALUATION SCHEMA

PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP			
Technical Skills		Soft Skills	
Criteria	Weightage	Criteria	Weightage
Project Design using Design Thinking	10	Teamwork	5
Innovation & Problem Solving	10	Time Management	10
Requirements Analysis using Critical Thinking	10	Attendance and Punctuality	5
Project Planning using Agile Methodologies	5	Project Documentation	5
Technology Stack (APIs, tools, Platforms)	5	Project Demonstration	5
Coding & Solutioning	15		
User Acceptance Testing	5		
Performance of Product / Application	5		
Technical Training & Assignments	5		
Total	70	Total	30
Total Weightage			100
Passing Requirement			50
Continuous Assessment Only			

HOD IT MKCE <hodit@mkce.ac.in>

Professional Readiness For Innovation, Employability And Entrepreneurship Inclusion in Curriculum

5 messages

HOD IT MKCE <hodit@mkce.ac.in>   Fri, Oct 14, 2022 at 12:15 PM
To: Dr Arul Anand N - PSGCT <naa.cse@psgtech.ac.in>, mala@nitt.edu, Sasikala Ramasamy <Sasikala.ra@vit.ac.in>, thirun@talisma.com

Dear Sir/Mam,
Greetings!!!
As per the GO(Lr.no 3769/AU/CAC/2022) from Anna University Chennai,we have included "Professional Readiness For Innovation, Employability And Entrepreneurship" course as Elective Subject in our Regulation 2018 curriculum under the category of EEC Course. So I kindly request you to approve the same.

Thanks and Regards,
Head of the Department
Information Technology
M.Kumarasamy College of Engineering
Karur - 639 113
Mobile:9842816377

Our Department Vision:
To create groomed, technically competent and skilled intellectual IT professionals to meet the current challenges of the modern computing industry.

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3 attachments

📄 **18ITE047L-PRIEE Syllabus.pdf**
   307K

📄 **B.Tech IT Curriculam R2018 New.pdf**
   1052K

📄 **Lr 3769.pdf**
   350K

Sasikala Ramasamy <sasikala.ra@vit.ac.in>   Fri, Oct 14, 2022 at 12:18 PM
To: HOD IT MKCE <hodit@mkce.ac.in>

It is approved.

Sent from my Galaxy
[Quoted text hidden]

HOD IT MKCE <hodit@mkce.ac.in>   Mon, Oct 31, 2022 at 9:26 AM
To: Dr Arul Anand N - PSGCT <naa.cse@psgtech.ac.in>

Kind remainder sir..

Thanks and Regards,
Head of the Department
Information Technology
M.Kumarasamy College of Engineering
Karur - 639 113
Mobile:9842816377

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---------- Forwarded message ----------
From: **HOD IT MKCE** <hodit@mkce.ac.in>
[Quoted text hidden]
[Quoted text hidden]

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3 attachments

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1052K

📎 **Lr 3769.pdf**
350K

Dr Arul Anand N - PSGCT <naa.cse@psgtech.ac.in>   Mon, Oct 31, 2022 at 11:51 AM
To: HOD IT MKCE <hodit@mkce.ac.in>

Approved Sir. Please go ahead
[Quoted text hidden]

HOD IT MKCE <hodit@mkce.ac.in>   Mon, Oct 31, 2022 at 12:06 PM
To: Dr Arul Anand N - PSGCT <naa.cse@psgtech.ac.in>

Thanks a lot sir
Thanks and Regards,
Head of the Department
Information Technology
M.Kumarasamy College of Engineering
Karur - 639 113
Mobile:9842816377

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Course Code	Course Name	Hours / Week			C
		L	T	P	
18ITE035T	Digital Watermarking and Steganography	3	0	0	3
18ITE036T	Intellectual Property Rights	3	0	0	3
18ITE037T	IT Security Evaluation And Auditing	3	0	0	3
18ITE038T	Total Quality Management	3	0	0	3
18ITE039T	Foundation Skills in Product Development	3	0	0	3
18ITE040T	Green Computing	3	0	0	3
18ITE041T	5G Technology	3	0	0	3
18ITE042T	Software Defined Radi0	3	0	0	3
18ITE043T	Block Chain	3	0	0	3
18ITE044T	UNIX Internals	3	0	0	3
18ITE045T	Computer Vision	3	0	0	3
18ITE046T	Augmented Reality and Virtual Reality	3	0	0	3
18ITE047L	Professional Readiness For Innovation, Employability And Entrepreneurship	0	0	6	3

L-Lecture   T-Tutorial   P-Practical