S.A.ENGINEERING COLLEGE

Autonomous Institution Affiliated to Anna University, Chennai

Accredited by NBA, NAAC 'A' Grade & ISO 9001:2015 Certified Institution

PROJECT BASED LEARNING

Project Based Learning (IBM-Nalaiyathiran)

Nalaiya Thiran

HX8001-Professional Readiness for Innovation, Employability and Entrepreneurship

Program Overview

Under the **NaanMudalvan** Initiative, the **Government of Tamilnadu** has launched Nalaiya Thiran – an experiential project-based learning program, with **Anna University as the University Ecosystem Partner, IBM as the Technology Partner, ICT Academy as the Support Partner, and NASSCOM as the Skills Certification Partner.**

IBM has identified 50 industry problem statements for which students shall build solutions while they undergo 100 hrs. of project-based learning as an elective course with 3 academic credits.

The students work in groups of four to complete projects using agile approaches and with the aid of faculty and industry mentors. Following the evaluation, the best teams will be identified and recognized.

IT-ITeS NASSCOM will issue the National Skills Certification to the students who successfully completed the program & are evaluated. ICT Academy, being the local coordinating agency is facilitating the faculty training and also helping the project mobilization in the state of Tamil Nadu.

College SPOC Member Details

College SPOC Member	Mrs.A.M.Sermakani M.E.,(Ph.D)
Designation/Dept.	Asso.Professor/IT
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Project Training Batch Details

Batch No.	Team ID	Reg.No	Student Name	Project Title	Domain
1	PNT2022TMID16663	111919205001	Abishek K	Emerging Methods for Early Detection of Forest Fire by	Artificial Intelligence
		111919205020	Kaushik S J		
		111919205026	Marimuthu V		

		111919205036	Selva Lingesh T	Machine Learning	
2	PNT2022TMID16746	111919205003	Arun Prasad V	Estimate the Crop Yield using Data Analytics	Data Analytics
		111919205008	Ezhilarasan E		
		111919205012	Jaswanth B		
		111919205043	Thamaraithiruselvan K		
		111919205048	Venkat Raj M		
3	PNT2022TMID16755	111919205004	Ashok B	Data Analytics for DHL Logistics Facilities	Data Analytics
		111919205032	Ramesh K		
		111919205047	Veeramani K		
		111919205053	Yuvaraja S		
4	PNT2022TMID16670	111919205005	Brindha M	Exploratory Analysis of Rainfall Data in India for Agriculture	Applied Data Science
		111919205007	Divya Darshini V		
		111919205013	Jeevitha M		
		111919205029	Packiya Pratheeba S		
5	PNT2022TMID16740	111919205006	Deepak C	Smart Farmer –IOT Enabled Farming Allications	IOT
		111919205038	Sivanarul Selvan S		
		111919205042	Sureshkumar S		
		111919205044	Tharun K		
6	PNT2022TMID16681	111919205009	Gayathiri P	Real-Time Communication System Power by AI for Specially Abled	Artificial Intelligence
		111919205011	Hemamalini R		
		111919205016	Kalaivani J		
		111919205023	Mahalakshmi B S		
		111919205031	Priyanga S		
7	PNT2022TMID16694	111919205018	Karthick B	Retail Store Stock Inventory Analytics	Data Analytics
		111919205034	Ranjith Kumar S		
		111919205039	Subash V		
		111919205050	Vignesh V		
8	PNT2022TMID16722	111919205014	Jeyanth J	NYC Bikeshare System using Data Analytics	Data Analytics
		111919205033	Ramnath K		
		111919205046	Vasanth Kumar S		
		111919205049	Vignesh J		
9	PNT2022TMID16725	111919205017	Kandasamy S	Global Sales Data Analytics	Data Analytics
		111919205024	Manikandan K		
		111919205035	Sarvesh V		
		111919205052	Yuvaraj S		
10	PNT2022TMID16689	111919205002	Allen	Skill and Job Recommender	Cloud Application Development
		111919205015	Kalaiarasu		
		111919205021	Kumaran		
		111919205037	Shahul		
11	PNT2022TMID16701	111919205022	Lavanya K	Smart Fashion Recommender Application	Cloud Application Development
		111919205025	Maria		
		111919205028	Nila		
		111919205040	Subashree		
12	PNT2022TMID16711	111919205010	Gokul	Inventory Management System for Retailers	Cloud Application Development
		111919205019	Karthik		
		111919205027	Navinraj		
		111919205030	Palani		
		111919205051	Vijay		

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Evaluation Schema:

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			