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Letter No. AU/ Naan Mudhalvan / TNSDC / 2023

Date: 21.07.2023

To
The Dean of CEG, ACT, MIT Campus
Deans of constituent colleges
Principals of Non-autonomous affiliated colleges of Anna University

Dear Professor

Greetings!!!

Government of Tamil Nadu through the Tamil Nadu Skill Development Corporation (TNSDC) has launched "Naan Mudhalvan" scheme for the benefit of 12.5 Lakh youths studying in the Engineering, Arts & Science and other professional courses across the state of Tamil Nadu. It is one of the prestigious and massive skilling programme in which Anna University is partnering with TNSDC to conduct certain credit courses and value added courses to Engineering students studying in the University Departments, Constituent colleges and Non autonomous affiliated colleges of Anna University. The courses offered through these initiatives are based on the industrial expectations and to bridge the gap between the academia and industry in terms of skill set expectations. This skilling initiatives will enhance the employability skills of the individuals and to get placed in the Multi-nationals, R & D and National level organisations. These courses are being delivered by the Industry training partners.

For the forthcoming 2023 – 2024 ODD semester, 27 unique courses (List of courses enclosed and the syllabus will be uploaded in Anna University website shortly) are going to be offered for the 7th semester students. In order to mentor the students, it is proposed to conduct one week Faculty Development Programmes (FDP) for the faculty members working in the above – mentioned institutions from 24.07.2023, Monday onwards. The details of the Host institution, participating zone / college, venue and other details will be shared shortly.

The "Naan Mudhalvan" team has done a meticulous planning in executing this FDP without any hassle. The team deserves a special encomium. Now it's our turn to support by sending the faculty members to the designated venue for FDP and providing them with "ON-DUTY" and to speak with the management to provide any additional support for their travel and accommodation. We also request the host institutions to support the faculty members of other institutions in the form of hostel accommodation and other support. A special mention to the host institution to provide necessary infrastructure including seminar hall with SA system, Computer lab if required.

Kindly note the following instructions that are given by the TNSDC::

1. Each hosting Institution is eligible for Rs.250/day, per faculty for lunch, snacks and tea.
2. Each faculty will be given Rs.250/day for incidental expenses per day for each day of attendance and will be paid at the end of FDP.
3. All faculty members must bring their laptops for the sessions. (Please don't ask support from the host institutions)
4. Faculty logistics must be completely taken care by the concern institutions/ Individuals. (Please don't ask support from the host institutions)

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5. College management can support physical infrastructure systems with required specification (RAM, HDD, Graphics Card, OS, Internet connectivity) as per ANNA University affiliation/Accreditation norms.

We solicit your kind cooperation for the smooth conduct of this FDP.

Thanking you

Regards

Yours faithfully



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List of courses to be offered in the 7th Semester for the Academic year 2023 - 2024

Sl. No.	Course	Faculty to be Nominated
1	Digital Marketing	All Departments
2	Block Chain	All Departments
3	Sales Force Developer	All Departments
4	Machine Learning	All Departments
5	Concrete Building System Design	CIVIL
6	Architecture Visualization using AR/VR	CIVIL
7	Integrated Building Services	Civil, EEE & MECH
8	ChatGPT	CS & IT
9	Full Stack with Python Programming	CS & IT
10	Full Stack Development with JAVA	CS & IT
11	Cyber security and applications	CS & IT
12	DevOps	CS & IT
13	Artificial Intelligence and applications	CS & IT
14	Data Analytics with TABLEAU	CS & IT
15	Red Hat - Linux	CS & IT
16	ICT Engineer -5G Network	ECE
17	System Architect - Foundation - 5G - Cloud - RAN	ECE
18	PLC using SIMATICS	EEE
19	Design of On Off - Grid Solar PV System	EEE
20	Industry 4.0 (Digital Twin)	EEE/ TECH
21	Drone design and testing	EEE/ MECH
22	Industry 4.0 and its application MECH	Mech
23	3D Printing using NX	Mech
24	Electric Vehicle Technology and Manufacturing	Mech
25	Manufacturing of Mechanical Components using CNC Turning and Milling	Mech
26	Surface Modelling	Mech
27	Applied ML For Health Care Industry	TECH

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FDP ZONE MAPPING(Tentative) – 2023-24 Odd Semester

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S.no	Course	Faculty to be Nominated	Region 1 - Chennai	Region 2 - Coimbatore	Region 3 - Madurai	Region 4 - Trichy	Region 5 - Salem	Region 6 - Tirunelveli
1	Digital Marketing	All Departments	1,2,3,4,5,6,21 - 66nos	7,8,9,10,11 - 42nos	14,15,22 - 32nos	12,13,18 - 24nos	X	17,20 - 21nos
2	Block Chain	All Departments	1,2,3,4,5,6,21 - 35nos	X	14,15,22 - 16nos	12,13,18 - 23nos	7,8,9,10,11 - 27nos	16,17,20 - 28nos
3	Sales Force Developer	All Departments	1,6,21 - 7nos	X	X	12,13,15,18,22 - 23nos	7,8,9,10 - 6nos	16,17,20 - 17nos
4	Machine Learning	All Departments	1,2,3,4,5,6,21 - 31nos	9,10,11 - 18nos	14,15,22 - 11nos	12,13,18 - 15nos	7,8 - 23nos	16,17,20 - 22nos
5	Concrete Building System Design	CIVIL	1,2,3,4,6,21 - 23nos	X	14,15,22 - 22nos	12,13,18 - 27nos	7,8,9,10,11 - 36nos	16,17,20 - 25nos
6	Architecture Visualization using AR/VR	CIVIL	1,3,4,6 - 24nos	X	X	12,13,17 - 13nos	7,8,9,11 - 18nos	X
7	Integrated Building Services	Civil, EEE & MECH	5,6,21 - 12nos	X	14,15,22 - 15nos	12,13,18 - 10nos	7,8,9,10,11 - 19nos	16,17,20 - 19nos
8	ChatGPT	CS & IT	1,2,3,4,5,6,21 - 33nos	7,8,9,10,11 - 16nos	14,15,22 - 9nos	12,13,18 - 13nos	X	17,20 - 10nos
9	Full Stack with Python Programming	CS & IT	1,2,3,4,5,6,21 - 25nos	7,8,9,10,11 - 30nos	X	12,13,14,15,18,22 - 18nos	X	16,17,20 - 13nos
10	Full Stack Development with JAVA	CS & IT	1,3,5,6,21 - 26nos	7,8,9,10,11 - 11nos	14,15,17,20,22 - 17nos	12,13,18 - 14nos	X	X
11	Cyber security and applications	CS & IT	1,2,3,4,5,6,21 - 18nos	7,8,9,10,11 - 18nos	12,13,14,15,18,22 - 10nos	X	X	16,17,20 - 8nos
12	DevOps	CS & IT	2,3,4,6 - 15nos	7,8,9,10,11 - 7nos	X	14,15,12,13,18 - 9nos	X	16,17,20 - 7nos
13	Artificial Intelligence and applications	CS & IT	1,2,3,4,5,6,21 - 18nos	7,8,9,11 - 11nos	12,13,17,20,18 - 10nos	X	X	X
14	Data Analytics with TABLEU	CS & IT	2,3,4 - 9nos	8,9,10 - 9nos	X	12,13,14 - 4nos	X	X

15	Red Hat - Linux	CS & IT	X	X	X	6,8,9,10,11,12,13,14,15,20,21 - 17nos	X	X
16	ICT Engineer -5G Network	ECE	1,2,3,4,5,6,21 - 19nos	7,8,9,10,11 - 16nos	14,15,22 - 16nos	12,13,18 - 19nos	X	16,17,20 - 8nos
17	System Architect - Foundation - 5G - Cloud - RAN	ECE	1,2,3,4,5,6,21 - 16nos	7,8,9,10,11 - 12nos	X	12,13,14,15,18,22 - 9nos	X	16,17,20 - 5nos
18	PLC using SIMATICS	EEE	1,2,3,4,5,6 ,21 - 23nos	7,8,9,10,11 - 20nos	14,15,22 - 13nos -	12,13,18 - 14nos -	X	16,17,20 - 11nos
19	Design of On Off - Grid Solar PV System	EEE	2,3,4,5,6,21 - 17nos	X	14,15,22 - 8nos	12,13,18,- 9nos	7,8,9,11 - 6nos	16,17,20 - 10nos
20	Industry 4.0 (Digital Twin)	EEE/ TECH	1,2,3,4,5,6 - 17nos	9,10,11 - 17nos	X	12,13,14,15,18 - 12nos	7,8,- 11nos	16 - 5nos
21	Drone design and testing	EEE/ MECH	zone 1,2,3,4 - 23nos	7,8,9,10,11 - 25nos	14,15,22 - 17nos	5,6,12,13,18,21- 29nos	X	16,17,20 - 17nos
22	Industry 4.0 and its application MECH	Mech	1,2,3,4,5,6,21 - 26nos	7,8,9,10 - 16nos	14,15,22 - 12nos	12,13,18 - 23nos	X	16,17,20 - 10nos
23	3D Printing using NX	Mech	1,3,4,5,21 - 19nos	7,8,9,10, - 10nos	14,15,22 - 15nos	12,13,18 - 11nos	X	16,17,20 - 17nos
24	Electric Vehicle Technology and Manufacturing	Mech	1,3,4,21 - 7nos	7,8,9,10 - 11nos	14,15 - 8nos	X	X	16,20 - 5nos
25	Manufacturing of Mechanical Components using CNC Turning and Milling	Mech	X	7,8,9,10 - 38nos	X	X	X	X
26	Surface Modelling	Mech	1,2,3,4,21 - 22nos	8,9,10 - 21nos	X	12,14,22 - 7nos (Saranathan)	X	17 - 8nos
27	Applied ML For Health Care Industry	TECH	1,2,3,4,5 - 13nos	9,10 - 6nos	X	12,13,14,18,17 - 7nos	X	X

Note:

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Instructions to be followed

PRINCIPAL	SPOC	COURSE FACULTY COORDINATOR	STUDENTS
The principal needs to get updates from the SPOC for the activities assigned to /Training Partner/Students/faculty mentors.	Ensure all students are onboarded.	Faculties should ensure that the students are ensured their semester of study 7th in the NAAN MUDHALVAN portal.	Every student should ensure their semester of study (4th or 6th) in the NAAN MUDHALVAN portal.
Principal need to ensure power connectivity, Wi-fi Connectivity and other infrastructural requirements for the smooth conduction of every course in the college.	SPOC should coordinate all the courses running in the college with faculty mentors.	Will be coordinating with student teams to ensure attendance of the students for training.	Every student should ensure they are getting the mandatory course mapped with the consent of their SPOC.
Principal is responsible to communicate any emergency information received from Anna University/ NAAN MUDHALVAN team.	SPOC should ensure timely execution of industry use case tasks given by various training partners for the concerned courses.	Faculties should ensure that the correct students' details are entered in the NAAN MUDHALVAN portal.	After getting Information from the SPOC, each student should enter into the NAAN MUDHALVAN portal and check the details such as course name, applicable semester.
Principal need to address to any specific need of the training partner for industrial visit to students/ any special tasks	Assigning Faculty Mentors for each course running in the college.	The student attendance should be obtained for training partner's practical and AMA Sessions.	After the start of the course by the training partner, every student should ensure their attendance on the prescribed day of the week. If case of discrepancy, inform the SPOC immediately.
	SPOCS should ensure any operational difficulties during the course and inform the NAAN MUDHALVAN team.	The faculty mentors should ensure industrial use task is finished on time.	As every course has got task for Industrial use case, he/she should ensure the given task is finished within the allotted time.
	SPOCS is responsible to get any communication from NAAN MUDHALVAN team during the execution of the course and convey to the faculty mentor/students for effective conduct of the course.	Student assessment should be carefully done for every task.	Assessment will be done as per the RUBRIX determined by the specific training partner in coordination with faculty/SPOC.
	SPOC has to inform the principal about the progress of the courses and sort out any internal issues from student/faculty mentors.	Internal Marks to be carefully arrived by carrying out timely task evaluation.	All the tasks needed for completion of the course should be finished to earn internal/external marks.
	SPOC need to ensure appropriate infrastructure and facilities needed to conduct the courses in the colleges.	Attending Support sessions organized by vendors (Orientation Session, Technical Session & AMA Sessions).	AMA Session which will be followed by physical session taken by the training partner mostly every alternate week you be utilized by the student to successfully complete the given task.
	SPOC need to liaise the training partners when they come physically/ when the home college student goes out to other colleges for physical training by the training partner.	Coordinating with Industry Mentor/Evaluator.	
	SPOCS needs to monitor the assessment done by faculty mentors and training partners for timely assessment of industry use case tasks.	Faculty has to create a team of 3 students and assign each team an industry use case in day 1 itself with guidance from industry partner Faculty has to ensure timely completion of every task and update of marks in the portal Faculty has to mentor and handhold the students throughout the semester. Faculty has to establish strong network with training partner and ensure all the student queries are addressed through their guidance Faculty has to encourage creativity and innovation among students while they execute projects and monitor to avoid plagiarism and inculcate competitive spirit to bring best from them to facilitate their winning prospects in Student Hackathon to get attractive incentives like IIT Internships/Premier firm internships /Abroad visits, Sponsorship for high value courses, educational gadgets etc	