

## COURSE STRUCTURE

Sl. No.	Name of the Certificate	Subjects		Credits
1	Artificial Intelligence and Machine Learning	Subj-1	Python for Data Science	3
		Subj-2	Machine Learning	3
		Subj-3	Artificial Intelligence	3
2	Industrial Safety Management	Subj-1	Industrial Safety and Management	3
		Subj-2	Safety in common Industries	3
		Subj-3	Safety and the Law	3
3	Industrial Production techniques and Pharmaceutical Regulatory Affairs	Subj-1	Industrial Techniques	3
		Subj-2	Modern Pharmaceutics	3
		Subj-3	Pharmaceutical Regulatory Affairs	3
4	Internet of Things	Subj-1	Introduction to IoT, Operating Systems & Communication	3
		Subj-2	IoT System Architectures & Mobile Application Development For IoT	3
		Subj-3	Industrial IoT 5G& IoT Technologies	3

- ↪ Each Course comprises of three subjects as given in the above table.
- ↪ In addition to three theory subjects in each course there will be Project work with 6 Credits
- ↪ Each course is of 6 months duration.
- ↪ Each class is of 2 hours duration and a total of 24 classes will be held in 2 months period for each subject. (A total of 48 hours allocated for each subject)

## FEE DETAILS

- ↪ **Registration Fee:** Rs.500/- to be paid (add late fee of Rs. 500/-if applicable) at the time of submitting the online application form.
- ↪ **Admission fee :** Rs.1,000/- for the candidates who get admitted.
- ↪ **Course Fee:** At the time of admission, the candidate has to pay Course fee of Rs.25,000/-. Fee once paid will not be refunded. Examination fee will be collected separately.

### Desirable:

Candidates applying for AIML are presumed to have basic computer knowledge and any programming language.

## ORGANIZERS

### DIRECTOR

**Dr. G. KRISHNA MOHANA RAO**  
Director of SCDE, JNTUH

### COURSE COORDINATORS:

#### ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

**Dr. P. SWETHA**  
Deputy Director of SCDE, Professor of CSE, JNTUH

#### INTERNET OF THINGS

**Dr. B.V. Ram Naresh Yadav,**  
HOD & Professor of CSE, JNTUH UCES

#### INDUSTRIAL SAFETY MANAGEMENT

**Dr. M. AJITHA**  
PRINCIPAL, JNTUH University College of Pharmaceutical Sciences Sulthanpur

#### INDUSTRIAL PRODUCTION TECHNIQUES AND PHARMACEUTICAL REGULATORY AFFAIRS

**Dr. M. SUNITHA REDDY**  
HOD, Centre for Pharmaceutical Sciences

## ELIGIBILITY

Sl.No	Name of the Certificate Course	Eligibility
1	Artificial Intelligence and Machine Learning	Candidates completed or Pursuing Diploma/UG/PG Degree
2	Internet of Things	
3	Industrial Safety Management	Any Branch of Engineering (or) Any Degree (or) Pursing PG Degree
4	Industrial Production techniques and Pharmaceutical	B.Pharmacy /B.Sc./ M.Sc.(Science Stream)(or) Pursing UG/PG Degree

**HURRY UP !!! LIMITED ADMISSIONS**



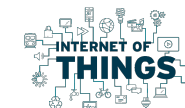
**SCHOOL OF CONTINUING & DISTANCE EDUCATION**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**  
**HYDERABAD**

KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA.

Offers  
**Online Certificate Courses –2022**  
on



**Artificial Intelligence**  
and  
**Machine Learning**



**Internet of Things**



**Industrial Safety Management**

**Industrial Production techniques and Pharmaceutical Regulatory affairs**

**Course Duration**  
**“6 Months”**  
**Last Date for Registration**  
**“17-12-2022”**  
**Class Timings**  
**“6:30 pm to 8:30 pm”**  
**(through online mode only)**  
**For more Details visit**  
**[www.jntuh.ac.in](http://www.jntuh.ac.in)**



*“Continuous learning is the minimum requirement for success in any field.”*

## ABOUT SCDE

School of Continuing and Distance Education, JNTUH proudly introduces Value added Certificate Courses of six months duration in Online mode. These courses enable the aspirants to stay abreast with the upcoming Technologies.



## COURSE OBJECTIVES

- ✧ Provides in depth knowledge of the understanding of the technology to meet the industry requirements & helps in staying competitive.
- ✧ Focused on job aspirants for the enhancement of employability opportunities for Graduates and also for working professionals by providing wide range of skills to deal with complex projects that help the individuals to quickly advance in their career.
- ✧ Certificate Courses hold wide scope and better opportunities for faculty through the improvement of their teaching skills & knowledge in the upcoming areas.
- ✧ Online Certificate Courses gives an opportunity to the students for credits transfer as per National Education Policy (NEP-2020)

## ATTENDANCE

75% attendance is compulsory for each Theory/ Lab session. Condonation of shortage of attendance upto 10% i.e. between 65 and 75% maybe given by the Director, SCDE on genuine and valid grounds with supporting evidence, and shortage of attendance below 65% shall in no case be condoned. The theory & practical sessions will be held through Online Mode.

## REGULATIONS

- ✧ A candidate after securing admission shall pursue the Certificate Course in period of 6 months.
- ✧ Each Certificate Course is of 15 credits with three subjects and a Project.
- ✧ The credits allotted for each subject are equivalent to the credits of the individual subjects offered in B.Tech. as per JNTUH Academic Regulations.
- ✧ The credits for the Project is not equivalent to the B.Tech. Major/ Mini Project of JNTUH Academic Regulations.
- ✧ The students of constituent and Affiliated Colleges (both Autonomous & non-Autonomous) can avail the provision of transfer of credits earned for the individual theory subjects offered as a part of Certificate Courses for the award of U.G. degree as per the provisions of B.Tech Academic Regulations-2022 of JNTUH.
- ✧ The internal staff (teaching & non-teaching) of the University and current students of constituent academic units can avail 40% fee concession.

## EVALUATION SCHEME

- ✧ Completion of the certificate course requires successful completion of both assignment component/ Lab record and end examination component for each Theory & practical course in the certificate course.
- ✧ Continuous evaluation through assignment with a weightage of 40% (Theory/Lab).
- ✧ The end examination with a weightage of 60% (Theory /Lab).
- ✧ The requirement for passing (Theory /Lab) would be at least 40% in
- ✧ Continuous evaluation and 40% in the end examination with an overall average of 40% for a pass (Theory/Lab) in the course.

## REGISTRATION

Registration of the Course begins: **26-11-2022**

Last date for registration of applications:  
**17-12-2022** by 4.00 p.m. without fine  
**24-12-2022** by 4.00 p.m. with fine of **Rs.500/-**

Please use the below link for the Registration.

Registration link

[https://doa.jntuh.ac.in/  
pages/  
certificate\\_courses\\_home](https://doa.jntuh.ac.in/pages/certificate_courses_home)



Scanned Document Copies to be uploaded through online :

S.S.C.

Intermediate Certificate and Consolidated Marks Memo / Diploma Certificate

Under Graduation Certificate and Consolidated Marks Memo/ Study Certificate in case of current undergraduate students

Other relevant Certificates if any

## SELECTION PROCEDURE

“Online Applications are invited from faculty, working employees, students and other eligible candidates for admission into the following Certificate Courses, offered by SCDE, JNTUH, Kukatpally Campus, Hyderabad for the academic year 2022.

Admissions will be made on first-come-first serve basis after evaluation by admission committee.

The JNTUH Hyderabad reserves right to increase / decrease the total number of seats in each course or to cancel the entire admission process

- SCDE, JNTUH, Kukatpally Campus, Hyderabad