DIRECTORATE OF ADMISSIONS
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Kukatpally, Hyderabad – 500 085, Telangana, India

<u>Notification for</u>
<u>Six month Online Certificate Courses – 2023</u>

Advt. No.: JNTUH / Admissions/SCDE/Certificate Course/2023   Date: 02.05.2023

Online applications are invited from the eligible candidates for the following **Online Certificate Courses**, offered by **School of Continuing and Distance Education (SCDE), JNTUH,** Kukatpally, Hyderabad.

1. Cloud and DevOps
2. Data Science with Python Programming
3. VLSI Physical design

For details please see the website **www.jntuh.ac.in**.

DIRECTOR, SCDE   **DIRECTOR, ADMISSIONS**

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA

ONLINE CERTIFICATE COURSES – 2023

A D M I S S I O N   N O T I F I C A T I O N

<u>INFORMATION TO THE CANDIDATES</u>

Dt.02.05.2023

Online Applications are invited from faculty, working employees, students and other eligible candidates for admission into following Online Certificate Courses, offered at **SCDE, JNTUH** Kukatpally, Hyderabad for the academic year 2023.

S.No.	Important dates	Dates
1	**Date of Notification**	**02-05-2023**
2	**Last date for online submission**	**26-05-2023**
3	**Last date for online submission with fine of Rs.500/-**	**30-05-2023**

I. Online Certificate Courses:

Sl.No.	Name of the Certificate Course		Subjects	Credits	Lectures (2 hours duration)	Clock Hours
1	Cloud and DevOps	Subj-1	Cloud Technology AWS & Microsoft Azure	3	24 classes(2 Months duration)	48
		Subj-2	Continuous Integration/ Continuous deployment with Git, Jenkins and Ansible	3	24 classes(2 Months duration)	48
		Subj-3	Infrastructure provisioning with Docker, Kubernates and Terraform	3	24 classes(2 Months duration)	48
2	Data Science with Python Programming	Subj-1	Programming using Python	3	24 classes(2 Months duration)	48
		Subj-2	Machine Learning	3	24 classes(2 Months duration)	48
		Subj-3	Natural Language Processing (NLP) and Big Data	3	24 classes(2 Months duration)	48
3	VLSI Physical design	Subj-1	Physical Design Automation	3	24 classes(2 Months duration)	48
		Subj-2	Design for Testability		24 classes(2 Months duration)	48
		Subj-3	Device Modeling	3	24 classes(2 Months duration)	48

Note: In addition to three theory subjects in each course there will be **Project work** with 6 Credits with one month duration

II. Eligibility:

Sl.No	Name of the Course	Eligibility
1	Cloud and DevOps	Candidates who have completed or pursuing Diploma / UG / PG Degree
2	Data Science with Python Programming	Candidates who have completed or pursuing Diploma / UG / PG Degree
3	VLSI Physical design	B.Tech. (ECE/EIE/EEE) completed Candidates

III. Desirable: Candidates applying for VLSI are presumed to have basic   Electronics & Computer knowledge with any programming language writing skills..

IV. Registration: The registration process is through **online mode only**

Selection Procedure: Admissions will be made on First-Come-First Serve basis   **in online mode** 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

V. Duration of the Course : 6 months

VI. Class Work Timings: 6:30 PM to 8:30PM (Through online mode only)

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

VIII.   Practical theory session:
  (i)   75% attendance is compulsory for each Theory/ Lab session.
  (ii)   Condonation of shortage of attendance upto 10% i.e. between 65 and 75% may be 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.
  (iii) The theory & practical sessions will be held through Online Mode.

IX. Evaluation Scheme:
  (i)   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.
  (ii)   Continuous evaluation through assignments with a weightage of 40%(Theory/Lab)
  (iii) The End examination shall have a weightage of 60% (Theory / Lab).
  (iv)   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.

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  a) S.S.C.
  b) Intermediate Certificate and Consolidated Marks Memo / Diploma Certificate
  c) Under Graduate Certificate and Consolidated Marks Memo/ Study Certificate in case of current undergraduate students
  d) Any other relevant Certificates if any

X. Regulations:

i) A candidate after securing admission shall pursue the Online Certificate Course in period of 6 months.

ii) Each Certificate Course is of 15 credits with three subjects and a Project.

iii) The credits allotted for each subject are equivalent to the credits of the individual subjects offered in B.Tech., as per JNTUH Academic Regulations-2022.

iv) The credits for the Project is not equivalent to the B.Tech., Major/ Mini Project of JNTUH Academic Regulations.

v) 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.

vi) The internal staff (teaching & non-teaching) of the University and current students of constituent academic units can avail 40% fee concession.

GENERAL INSTRUCTIONS:

- Certificate Courses will be started only if the number of eligible candidates seeking admission to the program is not less than minimum approved intake by the University.
- The University reserves the right to make alterations in intake and rules for admission.
- Incomplete online registration application will be summarily rejected. No correspondence in this regard will be entertained.
- Fee will not be refunded under any circumstances.
- If it is detected that a candidate has been admitted due to any mistake made inadvertently in the processing of registration and during the admission stage, the University reserves the right to cancel such ineligible admission at any stage.
- The candidates may note that these Certificate Courses are unique with respect to their disciplines and no equivalence shall be given by the University.
- If any dispute concerning admission in the courses of JNTUH arises, the jurisdiction shall remain with the Courts/Consumer Forum in Hyderabad only.
- In case of candidates undergoing any Certificate Courses, UG / PG Programs of any other institutions currently in offline/ online mode, it is the responsibility of the candidates to ensure that the time tables of those courses will not overlap with timetables of courses run by SCDE, JNTUH.

DIRECTOR,
SCDE, JNTUH Hyderabad