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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

BN Bhandari
Ph. D. (IIT, Kgp.)
Professor of Electronics & Commn. Engg.,
Director, Academic & Planning

Lr. No. DAPO/SWAYAM/2018

Date: 17.12.2018

To
All the Principals of Constituent and Affiliated Colleges of JNTUH

Sir/Madam,

Sub: JNT University Hyderabad – Directorate of Academic & Planning - Implementing the MOOCs Courses through SWAYAM platform as Electives in R16 B.Tech. III Year II Semester from the academic year 2018-19.

Ref: 1. Engineering stream BOS Chairpersons Meeting held on 24.10.2018.
2. Univ. Procds. No. A1/2293/2018, dated 12.12.2018.

As per the guidelines of UGC, AICTE and MHRD, Govt. of India, the University is planning to implement the MOOCs Courses through SWAYAM platform, from the Academic Year 2018-19.

In view of the above, the University conducted a meeting of the BOS Chairpersons of Engineering stream on 24.10.2018 to review the possibility of offering the courses under SWAYAM platform.

Based on the recommendations of the BOS Chairpersons, the University approved the following list of SWAYAM Courses to be included as Electives in R16 III Year II Semester B.Tech. courses from the academic year 2018-19, vide 2nd reference cited:-

S.No	Name of the Branch	Professional Elective – I	Open Elective - II	Start of Course
1.	Civil Engg.	None	(Offered to Civil Engg) 3. English Language for Competitive Exams (12W) 4. Fuzzy Logic and Neural Networks (8W)	28 th Jan. 2019

2.	EEE	1. Electromagnetic Compatibility (8W) 2. Non-Linear Adaptive Control (8W)	(Offered to EEE) Mat lab Programming for Numerical Computation (8W)	28 th Jan. 2019
3.	CSE	Introduction to Soft Computing (8W)	(Offered to CSE/IT) Joy of Computing using Python (12W)	28 th Jan. 2019
4.	MME	Material Characterization (12W)	(Offered to MME) Non-Conventional Energy Resources (12W)	28 th Jan. 2019
5.	Mining Engg.	Digital Land Surveying and Mapping (8W)	(Offered to Mining Engg) Non-Conventional Energy Resources (12W)	28 th Jan. 2019
6.	ECE	Modern Digital Communication Techniques (12W)	(Offered to ECE/EIE) Fuzzy Logic and Neural Networks (8W)	28 th Jan. 2019
7.	Mechanical Engg.	1. Introduction To Mechanical Micro Machining (12W) 2. Machinery Fault Diagnosis And Signal Processing (12W) 3. Rapid Manufacturing (12W)	(Offered to Mechanical Engg) 3. Industrial Automation and Control (12W) 4. Financial Mathematics (12W)	28 th Jan. 2019

In view of the above, Options are given to the students of R16 B.Tech. III Year II Semester to choose Professional Electives /Open Electives in the curriculum offered by the University or choose the MOOCs Courses through SWAYAM platform from the above approved list, from the academic year 2018-19.

¹ Further, you are requested to take following steps in your colleges for implementing the MOOCs Courses through SWAYAM platform:

- i. Establish a SWAYAM NPTEL Local Chapter in the colleges through online. For registration of Local Chapter visit: <https://nptel.ac.in/LocalChapter/>.
- ii. The details of Single Point of Contact (SPOC) person of your college coordinating with NPTEL is to be sent to daposwayam@jntuh.ac.in and Examination Branch, JNTUH.
- iii. List of upcoming SWAYAM courses were identified by the University can be chosen by the students against Professional /Open Electives in R16 B.Tech. III Year II Semester from the academic year 2018-19. Interested students should register in <https://onlinecourses.nptel.ac.in> for SWAYAM courses from the upcoming semester and they should pass and get NPTEL Online Certificate. Registration of courses has already started. For further information visit: <https://swayam.gov.in/> and <https://nptel.ac.in/>

Yours sincerely


DIRECTOR