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अखिल भारतीय तकनीकी शिक्षा परिषद्

(भारत सरकार का एक सांविधिक निकाय)

(शिक्षा मंत्रालय, भारत सरकार)

नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory Body of the Govt. of India)

(Ministry of Education, Govt. of India)

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Dated: 22 November, 2023

To

Prof. Katta Narasimha Reddy

Vice Chancellor

Jawaharlal Nehru Technological University Hyderabad

F9VR+8H2, Ashok Nagar,

Kukatpally Housing Board Colony,

Kukatpally, Hyderabad, Telangana 500085

Subject:- To allow the faculty from Core Engineering branches to Teach courses in Emerging areas -regarding.

Sir,

AICTE has received a mail dated 5th November 2023 (copy enclosed) informing that technical institutions under JNTUH (Telangana) are not recruiting Electronics and Telecommunication Engineering (ECE) candidates to teach IoT courses, in spite of fulfilling the norms prescribed by the AICTE.

In this regard, it is intimated that as per AICTE Approval Process Handbook 2023-24, Item 7.3.2. (e) Minor Degree/Hons. in Internet of Things (IoT) will be offered under Major discipline:

1. Computer Science Engineering
2. Electronics and communication Engineering and
3. Electronics Engineering

Also, reference of AICTE Circular F No 1-29/CM/AICTE/2023 dated 27th March 2023 (copy attached) may be taken into consideration wherein it has been clarified that "There is a shortage of qualified faculty who may teach the subjects of emerging areas. Therefore, AICTE has decided to allow faculty from core engineering branches to teach courses in emerging area **after completion of 10 credit online courses on MOOCs through SWAYAM/NPTEL or any other GOI portal of that emerging area** in the same department.

In view of above, you are requested to advise all affiliated institutions under your jurisdiction to adhere to AICTE's norms on the subject and resolve the issue.

This is for your information and further necessary action please.

with regards,

Encls: As above.

Yours sincerely,

Mamta
22 Nov, 23

(Dr. Mamta Rani Agarwal)

Copy to:

1. **Sh. Nerella Ome**, Senior Research Fellow, SR University Warangal

Email - omenerella@gmail.com



प्रो. टी. जी. सीताराम
अध्यक्ष
Prof. T. G. Sitharam
Chairman

F.No. 1-29/CM/AICTE/2023

The Vice Chancellor,
All Universities / Deemed to be Universities

Sub: Minor / Hons. Degree-reg

Sir / Madam,

Greetings from AICTE!

All branches of Engineering and Technology may offer Elective Courses in the Emerging / Multidisciplinary Areas viz., Artificial Intelligence (AI), Internet of Things (IoT), Block chain, Robotics, Quantum Computing, Data Sciences, Cyber Security, 3D Printing and Design, Augmented Reality / Virtual Reality (AR / VR) etc., as specified in Appendix 2 of the Approval Process Handbook.

- Under Graduate Degree Courses in Emerging / Multidisciplinary Areas shall be allowed as specialization from the same department. The minimum additional Credits for such Courses shall be in the range of 18-20 (including credit transferred from the SWAYAM platform) and the same shall be mentioned in the degree, as specialization in that particular area. For example, doing extra credits for Robotics in Mechanical Engineering shall earn B.E./B. Tech. (Hons.) Mechanical Engineering with specialization in Robotics.
- Minor specialization may be allowed in Emerging/ Multidisciplinary Areas in any Under Graduate Degree Courses may be allowed where a student of another Department shall take the minimum additional Credits in the range of 18-20 and get a degree with minor from another Department.
- Universities are free to evolve their own Syllabus for any Minor Degree and Hons. for which Model Syllabus is not available on AICTE's Website.
- If an Institution is having the required Infrastructure facilities, Faculty and other requirements as per the Approval Process Handbook, for conducting the Core (Under Graduate Degree) Courses, the specialization in Emerging/ Multidisciplinary Areas shall be permitted within the approved intake without hampering the Generic Course.
- The Institutions/ Universities shall adopt the important instruction mentioned in clause 7.3.2 of Approval Process Handbook while offering the Hons. in Emerging/ Multidisciplinary Areas.

Since the Areas in which Minor Degree/Hons. may be offered are numerous. It is up to the Universities with the help of their Academic Board / Council to decide whether Minor Degree / Hons. is to be offered or not in any particular area, which is not mentioned in APH.

Further, AICTE approval is not required for offering Minor Degree / Hons. in any such area, however the criteria that "Minor Degree or Hons. will cumulatively require additional 18 to 20 credits in the specified area in addition to the credits essential for obtaining the Under Graduate Degree in Major Discipline (i.e. 160 credits)".

There is a shortage of qualified faculty who may teach the subjects of emerging area. Therefore, All India Council for Technical Education has decided to allow faculty from core engineering branches to teach courses in emerging area after completion of 10 credit online courses on MOOCS through SWAYAM / NPTEL or any other GOI portal of that emerging area in the same department.


(Prof. T. G. Sitharam)



सत्यमेव जयते



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March 27, 2023