Ref: JSSATEN/Reg/2024   01-04-2024

CIRCULAR

Sub: Introduction of Honors Degree Option for B Tech Students-reg
Ref: University letter No. Dr. APJ AKTU/Dean UG/2024/719 dated 28-03-2024

With reference to the above cited, all the B Tech II year students are hereby informed that, as per the decision taken by the Honorable Academic Council of the Dr APJ AKTU, it has been decided to provide an option for an honors degree along with their original stream/branch (Major degree). This decision aims to make technical education more employable and to accommodate the diverse interests of our students, it applies for the students admitted to the B Tech Programs from the academic session 2022-23 (students those currently studying in their fourth semester for the session 2023-24). In this regard, please see the attached University circular regarding Honors Degree tracks, Eligibility, Procedure and other details.

The eligibility for opting Honors degree along with their original stream/branch (Major degree) has to secure a YGPA of 7.5 or above in B Tech First Year with all courses passed in first attempt without grace and in case of Lateral Entry, he/she would be required to have minimum CGPA of 7.5 or 75 percentage marks in eligible qualification.

If any student is interested in opting for Honors Degree along with a Major degree should register their names in Registrar office latest by 06-04-2024.

Principal

To: Students notice boards /Info-Center/WhatsApp Groups.

Copy to: 1. HODs – CSE / CSE-AI&ML, IT / CSE-DS, ECE, ME, CE, EE, and EEE are requested to circulate this information among your department B Tech second year students through WhatsApp group
2. Vice Principal, CAO, AO, Registrar, Dean (Academics), Dean (R&D), Dean (SW), First year Coordinator, HoDs-Phy, Chem, Maths, English and TPO

सेवा में,

निदेशक / प्राचार्य,
डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय उ0प्र0 लखनऊ से सम्बद्ध बी0टेक0 पाठ्यकम संचालित करने वाले समस्त संस्थान।

विषय: सत्र 2023–24 में बी0टेक0 पाठ्यकम में चतुर्थ सेमेस्टर में अध्ययनरत छात्रों को अपनी मूल विधा / शाखा (Major Degree) के साथ ऑनर्स डिग्री (Honors Degree) का विकल्प प्रदान किये जाने के सम्बन्ध में।

महोदय / महोदया,

अवगत कराना है कि तकनीकी शिक्षा को अधिक रोजगार परक बनाने एवं उसमें छात्रों की अभिरूचियों को अधिक स्थान देने के उद्देश्य से विश्वविद्यालय की मा0 विद्यापरिषद् द्वारा लिए गये निर्णय के क्रम में सत्र 2022–23 से बी0 टेक0 पाठ्यकम में प्रवेशित बैच (सत्र 2023–24 में चतुर्थ सेमेस्टर में अध्ययनरत) से छात्रों को अपनी मूल विधा / शाखा (Major Degree) के विशिष्ट क्षेत्रों में निम्न ऑनर्स डिग्री (Honors Degree) का भी विकल्प प्रदान किये जाने का निर्णय लिया गया है।

	Honors Degree Tracks	
S. No.	Title of Honors Degree Track	Eligible Branches of B.Tech. Programs
1.	Irrigation And Drainage Engineering	Agricultural Engineering
2.	Farm Machinery And Power Engineering	Agricultural Engineering
3.	Process & Food Engineering	Agricultural Engineering
4.	Soil And Water Conservation Engineering	Agricultural Engineering
5.	Computational Biology and Bioinformatics	Biotechnology
6.	3D Printing in Biotechnology	Biotechnology
7.	Environmental Engineering	Civil Engineering & Allied Branches
8.	Geoinformatics	Civil Engineering & Allied Branches
9.	Geotechnical Engineering	Civil Engineering & Allied Branches
10.	Structural Engineering	Civil Engineering & Allied Branches
11.	Transportation Engineering	Civil Engineering & Allied Branches
12.	Water Resource Engineering	Civil Engineering & Allied Branches
13.	Petroleum Engineering	Chemical Engineering & Allied Branches
14.	Cyber Security	Computer Science and Engineering & Allied Branches
15.	Advance Communication Technology	Electronics and Communication Engineering & Allied Branches

Registrar

16.	Sensor and Transducer Technology	Electronics and Communication Engineering & Allied Branches
17.	Converter & Drives	Electrical Engineering & Allied Branches
18.	Milk and Milk Products Technology	Food Technology
19.	Electric & Hybrid Vehicles	Mechanical Engineering & Allied Branches
20.	Smart Materials and Advance Manufacturing	Mechanical Engineering & Allied Branches
21.	Robotics and Artificial Intelligence	Mechanical Engineering & Allied Branches
22.	Functional Textiles	Textile Technology & Allied Branches

ऑनर्स डिग्री (Honors Degree) से संबंधित मुख्य विन्दुः

[A] प्रत्येक Honors Degree पाठ्यकम 05 विषयों (18–20 Credits) का एक Track होगा, जिसे चतुर्थ से अष्टम सेमेस्टर तक सामान्यतया एक अतिरिक्त विषय प्रति सेमेस्टर के रूप में संचालित किया जायेगा।

[B] बी0टेक0 की किसी विधा/शाखा में अध्ययन करने वाले छात्र, अपनी अभिरूचि के अनुसार, अपने मूल विधा/शाखा (Major Degree) के अन्तर्गत आने वाले किसी विशिष्ट विशेषज्ञता से संबंधित किसी एक Honors Degree, जिसके लिये वह अर्ह हो, का चयन कर सकेंगे।

[C] ऑनर्स डिग्री (Honors Degree) का चयन करने का विकल्प, छात्रों को चतुर्थ सेमेस्टर के रजिस्ट्रेशन के समय उपलब्ध होगा।

[D] छात्रों को ऑनर्स डिग्री (Honors Degree) हेतु निर्धारित पाठ्यकम को अपनी मूल विधा/शाखा (Major Degree) हेतु निर्धारित पाठ्यकम के साथ पूर्ण करना अनिवार्य होगा।

[E] यदि कोई छात्र, जो आनर्स डिग्री के विकल्प का चयन करता है और कतिपय कारण वश ऑनर्स डिग्री हेतु निर्धारित पाठ्यकम को पूर्ण नहीं कर पाता है, तो भी उसके मूल विधा/शाखा की बी0टेक0 डिग्री (Major Degree) प्राप्त करने की अर्हता पर कोई प्रभाव नहीं पड़ेगा। ऐसे छात्रों द्वारा ऑनर्स डिग्री के पूर्ण किये गये विषयों को छात्र के मूल विधा/शाखा की डिग्री (Major Degree) की अंक तालिका में अतिरिक्त विषय/केडिट के रूप में दर्ज किया जाएगा जिससे उस छात्र को अपने योगदान का समुचित लाभ मिल सके।

[F] ऑनर्स डिग्री का प्रमाण पत्र पर अंकनः ऑनर्स डिग्री पूर्ण करने वाले छात्रों की डिग्री पर मूल विधा/शाखा (Major Degree) के साथ-साथ ऑनर्स डिग्री (Honors Degree) का भी उल्लेख होगा।

उदाहरण के तौर पर यदि कोई छात्र बी0टेक0 के Computer Science and Engg. विधा/शाखा (Major Degree) में प्रवेश लेता है और वह चतुर्थ सेमेस्टर में Cyber Security में Honors Degree के विकल्प का चयन करता है एवं तदनुसार ऑनर्स डिग्री (Honors Degree) हेतु निर्धारित समस्त विषयों को बी0टेक0 (कम्प्यूटर साइंस एण्ड इंजीनियरिंग) हेतु निर्धारित पाठ्यकम के साथ-साथ सफलतापूर्वक पूर्ण करता है तो उसे निम्न डिग्री प्रदान की जायेगी।

B.Tech. (Hons.) in Computer Science and Engineering with specialization in **Cyber Security**

[G] ऑनर्स डिग्री के संबंध में अर्हता सहित विस्तृत विवरण के साथ—साथ संचालन प्रक्रिया Statement of Procedure इस पत्र के साथ संलग्न है तथा विश्वविद्यालय की वेबसाइट पर भी ऑनर्स डिग्री की पाठ्यचर्या के साथ उपलब्ध है।

कृपया उपरोक्त से अवगत होते हुए अपने संस्थान के छात्र/छात्राओं तथा विभिन्न विभागों/अधिकारियों/संकाय सदस्यों को उक्त से अवगत कराते हुए तथा Statement of Procedure में उल्लिखित व्यवस्था के अनुसार इच्छुक अर्ह छात्रों को ऑनर्स डिग्री का विकल्प प्रदान करते हुए पठन—पाठन की व्यवस्था सुनिश्चित कराने का कष्ट करें।

भवदीय

28/03/2021

(प्रो0 गिरीश चन्द्रा)
डीन, यू0जी0

प्रतिलिपि—निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. प्रति कुलपति, ए0के0टी0यू0 लखनऊ।
2. समस्त डीन,/परीक्षा नियंत्रक, ए0के0टी0यू0 लखनऊ।
3. कुलसचिव, ए0के0टी0यू0 लखनऊ।
4. इंचार्ज, ई0आर0पी0, ए0के0टी0यू0, लखनऊ।
5. स्टाफ आफिसर, मा0 कुलपति कार्यालय, ए0के0टी0यू0 लखनऊ।

(प्रो0 गिरीश चन्द्रा)
डीन, यू0जी0

Statement of Procedure
for
Honors Degree for B.Tech. Students

[As approved by the Academic Council of the University in its 67th Meeting, Agenda point 67.11]

1. Purpose:

(i)   To expand the domain knowledge of the students laterally and vertically.

(ii)   To gain in-depth skills in specific sub domain of the core-discipline to pursue research and increase the employability quotient.

(iii)   To make students more prepared in terms of skills and analytical approach to pursue their higher studies in wider range of specializations

2. Honors degree:

(i)   An Honors degree can be acquired by pursuing any one of the many Honors Tracks offered by the University

(ii)   An Honors Track is a defined as an **ORDERED SEQUENCE** of **Five (5)** courses constituting **18-20 credits** aimed to give a reasonable depth to the student in certain sub-domain of the major discipline.

(iii)   Honors Track courses will be spread from 4th to 8th semester of the B.Tech. Program.

(iv)   Credits earned through Honors Track will be in addition to the essential Credits (**>=160 Credits**) to be earned for the regular B. Tech. Program.

3. Status of AICTE Approval

University may offer AICTE suggested Honors tracks or may design their own Honors Tracks. No separate approval is required from AICTE for Honors degree.

(**Reference:** Approval Process Handbook 2021-22, Chapter VII)

4. Eligibility for Registration:

(i) Registration to the Honors Track will be done in **4th Semester** provided interested students possess a **YGPA of 7.5 or above upto FIRST YEAR** with all courses passed in one attempt without grace. In case of Lateral **Entry**, he/she would be required to have minimum **CGPA of 7.5 or 75 percent marks**, as the case may be, in his/her entry level qualifying degree.

(ii) One may opt to register for maximum **ONLY ONE Track (out of all Minor Tracks and Honors Tracks)** or **None**.

5. Example Honors Degree Name:

B.Tech. (Hons) in **Computer Science and Engineering** with specialization in **Cyber Security**

6. Award of Honors Degree [B.Tech. (Hons)]:

(i) One will be eligible for award of Honors Degree, if he completes all the courses of chosen Honors Track.

(ii) There will be no transfer of credit from Honors track to regular B.Tech degree Course of major discipline or vice-versa.

(iii) All the courses of Honors Track have to be completed in one attempt.

(iv) One can graduate with Honors degree only if he/she fulfills the requirement for award of the his/her regular B.Tech. degree.

(v) The Honors degree must be simultaneously completed along with major degree. A student can not earn Honors degree later, if he/she has already completed and earned his regular B.Tech. degree.

(vi) Registration to the Honors degree will be valid only if registration to Regular B.Tech. degree exists. If one drops the registration to regular B.Tech. degree Program or completes the regular B.Tech. program, he/she will not be allowed to pursue his/her Honors degree.

(vii) If a student, who have registered for Honors Track, fails in any of the course of Honors Track, his registration for Honors track will cease to be active. Such a

students will no more be eligible for award of the Honors degree. However, he/she will continue to be eligible for award of his/her regular B.Tech. degree.

(viii) Moreover, in such cases where one is not able to complete the Honors Track, the credits earned by the students through the Honors Track would be recorded as **Extra Credit** on the mark sheet.

(ix) CGPA of the Honors degree and regular B.Tech. degree would be calculated separately and mentioned on the Mark Sheet separately. The CGPA obtained in the major degree would be treated as CGPA of the program without including accumulated grades from Honors Track.

(x) Honors degree will be awarded only if student obtains cumulative CGPA of 7.5 or above AND passes all the subjects in ONE attempt without Grace in both the Honors Track as well as his/her regular B.Tech. Degree separately. The division will be awarded based upon the performance in the regular B. Tech. program only.

7. Registration Fee:

No additional Tuition Fee will be charged from the students registering for Honors Degree. Although, only a nominal token fee (non-refundable) of Rs 100=00 per semester must be charged to confirm the active registration in each of the semester having Honors course.

8. Record Keeping:

The institute and the University shall maintain the detailed record (Honors program wise as well as parent branch wise) of the students enrolled for the Honors degree.

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