

ANDHRA UNIVERSITY



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No. L.II(2)/ Engineering/2022-23

Visakhapatnam,  
Dt:15-03-2024.

To  
The Principal's of Constituent Colleges and its affiliated colleges,  
Andhra University,  
Visakhapatnam.

Sir,  
Sub: Approval of proposed Addendum of 2022 Regulations to facilitate implementation of NEP 2020 for B.Tech. Programme in all the Academic Departments of A.U. College of Engineering - Reg.

Ref: 1. Proposed item with received from the Principal, A.U College of Engineering.  
2. APSCHE Model Eng. Curriculum/AICTE-2023 for B.Tech. Regular/Honors  
3. Agenda of the Meeting of the Academic Senate dated 20-09-2023.  
4. Minutes of the meeting of the Academic Senate dated 20-09-2023  
Table Item No. (1)

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With reference to the above, I am by direction to inform that the proposed Addendum of 2022 Regulations to facilitate implementation of NEP 2020 for B.Tech. Programme in all the Academic Departments of A.U. College of Engineering has been approved by the Academic Senate.

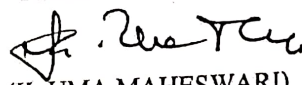
S.No.	Proposed Additions/ Changes in 2022 Regulations of B.Tech. Programme
1.	<p><b>Award of B.Tech. degree with Minors with effect from 2022-2023:</b> <b>Minor earning 12 credits within 160 credits itself:</b> To promote interdisciplinary knowledge among the students, the students admitted into B.Tech. in a major stream/branch are eligible to obtain degree in Minor in another stream.</p> <ol style="list-style-type: none"> <li>The Minor program requires completion of 12 credits in Minor stream chosen.</li> <li>Two courses for 06 credits related to a Minor are to be pursued compulsorily for the minor degree, but maybe waived for students who have done similar/equivalent courses. If waived for a student, then the student must take an extra elective course in its place. It is recommended that students should complete the compulsory courses (or equivalents) before registering for the electives.</li> <li>Electives (minimum of 2 courses) to complete a total of 12 credits.</li> </ol> <p><b>Note:</b> A total of 4 (Four) Open Electives are offered in the curriculum. A student can complete the requirement for Minor by opting for the courses offered through various verticals/tracks under Open Electives. - No entry conditions on CGPA / backlogs.</p>
2.	<p><b>Award of B.Tech. degree with Honors with effect from 2022-2023:</b> (The student shall earn additional 15 credits beyond 160 credits from same branch / department / discipline registered for major degree):</p> <ol style="list-style-type: none"> <li>The students having 7.0 CGPA without any backlog subjects will be permitted to register for Honors.</li> <li>If a student is detained due to lack of attendance either in Major or in Honors, registration shall be cancelled.</li> <li>Honors is to be completed simultaneously with B.Tech. programme</li> </ol>
3.	<p><b>Academic Bank of Credits (ABC) with effect from 2022-2023:</b> The University shall implement Academic Bank of Credits (ABC) to promote flexibility in curriculum as per NEP 2020 to</p> <ol style="list-style-type: none"> <li>provide option of mobility for learners across the universities of their choice</li> <li>provide option to gain the credits through MOOCs from approved digital platforms.</li> <li>facilitate award of certificate/diploma/degree based on accumulated credits in ABC.</li> </ol>

	iv. execute Multiple Entry and Exit system with credit count, credit transfer and credit acceptance from students' account.
4.	<p><b>Massive Open Online Courses (MOOCs) with effect from 2022-2023:</b> A student can pursue courses other than core through MOOCs and it is mandatory to complete one course successfully through MOOCs for awarding the degree.</p> <p><b>Credit Transfer Policy:</b> As per UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016, the University shall allow up to a maximum of 20% of the total courses being offered in a particular programme i.e., maximum of 32 credits through MOOCs platform.</p> <p>- The credit transfer shall be applicable to Professional &amp; Open Elective courses only. - The concerned department shall identify the courses permitted for credit transfer.</p>
5.	<p><b>Multiple Entry / Exit Option with effect from 2022-2023:</b></p> <p>(a) <b>Exit Policy:</b>  <b>Exit policy at the end of First year: UG Certificate</b> (in Field of study/discipline) – Programme duration: First year (first two semesters) of the undergraduate programme, 40-credits followed by an additional exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/ apprenticeship that would help the candidates acquire job-ready competencies required to enter the workforce.  <b>Exit policy at the end of Second year: UG Diploma</b> (in Field of study/discipline) – Programme duration: First two years (first four semesters) of the undergraduate programme, 80 credits followed by an additional exit 10-credit bridge course(s) lasting two months, including at least 6- credit job-specific internship/ apprenticeship that would help the candidates acquire job-ready competencies required to enter the workforce.  <b>Exit policy at the end of Third year: Bachelor of Science</b> (in Field of study/discipline) i.e., B.Sc. Engineering in (Field of study/discipline)- Programme duration: First three years (first six semesters) of the undergraduate programme, 120 credits after III year.</p> <p>(b) <b>Entry Policy:</b> Modalities on multiple entry by the student into the B.Tech. programme will be provided in due course of time. If the credits in first year are 39 instead 40, the student shall earn 11 credits through bridge courses for award of UG Certificate mentioned in S.No.5. Skill courses for UG Certificate could be Welding for mechanical engineering students, Surveying or Drafting for Civil engineering students, etc. Note: The University / institution shall resolve any issues that may arise in the implementation of Multiple Entry and Exit policies from time to time and shall review the policies in the light of periodic changes brought by UGC, AICTE and State government.</p>

It is also informed to circulate the same among the Teaching staff and students concerned.

Thanking you,

Yours faithfully,

  
(K. UMA MAHESWARI)  
DEPUTY REGISTRAR (ACADEMIC)

**Copies to:**

1. The Dean, Academic Affairs, A.U., Vsp.
2. The Chairman, Faculty of Engineering, A.U., Vsp.
3. The Chairman Faculty of Chemical Engineering, A.U., Vsp.
4. The All Chairmen's/Chairperson's, Board of Studies in College of Engineering, A.U.
5. The Dean, U.G. & P.G, Professional Courses, A.U., Vsp.
6. The Dean, CDC, A.U., Vsp.
7. The Controller of Examinations, A.U., Vsp.
8. The Superintendents of C.I, C.II, E.V & S.I., Sections for information.
9. Secretary to Vice-Chancellor, Steno to Rector and P.A. to Registrar, A.U., VSP.
10. The Director, Computer Centre, A.U., Vsp.
11. O.C. & O.O.F.