



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

కాకతీయ ప్రేక్షాగికి ం విజ్ఞాన సంస్థాన, వరంగల - ౪౦౬ ౦౧౪ తెలంగానా, భారత

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

website: www.kitsw.ac.in

E-mail: principal@kitsw.ac.in

☎ : +91 9392055211, +91 7382564888

No. KITS/Acad/Circular/2022/107

Date: 16.07.2022

CIRCULAR

Sub: CREDIT TRANSFER - SELF LEARNING FACILITY - ACCELERATION PROGRAMME THROUGH SWAYAM-NPTEL MOOCs - AMENDMENTS TO RULES AND REGULATIONS - URR18 - B.TECH V, VI, VII & VIII SEMESTER STUDENTS - INSTRUCTIONS - Reg.

Ref.1: Rules and regulations for undergraduate programme -B.Tech 4-year degree programme (URR-18) - **Section-10.11.**

Ref.2: Rules and regulations for undergraduate programme -B.Tech 4-year degree programme (URR-18) - **Section-10.11.6.**

* * * * *

The students of B.Tech have to do six Professional Elective courses (PE-I to PE-VI). The URR-18 scheme, vide ref (1) cited, allows our students to take **massive open online courses (MOOCs) on the SWAYAM platform, delivered by the NPTEL and other national coordinators (hereafter abbreviated to SWAYAM-NPTEL)**, for the professional electives (PEs) and open electives (OEs) of the under-graduate programmes, as detailed below:

PROGRAMME: B.Tech.

SEMESTER	Professional Elective/Open Elective/MOOC
V	Professional Elective-I/MOOC-I
VI	Professional Elective-II/MOOC-II
VII	Professional Elective-III & IV/MOOC-III & IV
VIII	Professional Elective-V & VI/MOOC- V & VI Open Elective - IV/MOOC -VII

(a) As per the provisions made in URR-18, a student can either do any one of the courses, attending classes, offered by the department under PE or take an equivalent SWAYAM-NPTEL MOOC and complete online.

(b) Credit Transfer:

(i) Opted SWAYAM-NPTEL MOOCs for Professional Core courses & Professional Electives should have prior approval from the programme's

internal board of studies (BoS) for proper transfer of credits, for the award of degree. All such lists of approved SWAYAM-NPTEL MOOCs for PEs and other courses along with the registered list of candidates shall be presented to the BoS, whenever conducted.

- (ii) For open electives (OEs) and non-core courses, the SWAYAM-NPTEL MOOCs should have prior approval from the Dean AA in consultation with BoS chairperson of course offering department/centre for proper transfer of credits, for the award of degree. All such lists of approved SWAYAM-NPTEL MOOCs for OE-IV along with registered list of candidates shall be presented to the JBoS, whenever conducted..
- (c) Each BoS, for its UG program, shall approve the list of SWAYAM-NPTEL courses of 8 week/12 week duration, which shall be considered equivalent to 03 credits courses. (CAM table is to be prepared for equivalent SWAYAM-NPTEL course with CO-PO mapping).
- (d) SWAYAM-NPTEL Certifications of any 04 weeks course will not be considered for credit transfer.

(i) SWAYAM-NPTEL MOOCs FOR B.TECH PROFESSIONAL ELECTIVES

- (a) The students of B.Tech have to do six Professional Elective courses (PE-I to PE-VI).
Professional Elective MOOCs: The students are allowed to opt SWAYAM-NPTEL MOOCs for completing the Professional Elective courses. The equivalent SWAYAM-NPTEL MOOCs released under professional elective category of URR-18 shall be considered as PE-MOOCs.
- (b) **Eligibility:** Only students without backlogs are permitted to take PE-MOOCs.
- (c) **Backlogs condition:** The backlog condition shall be checked at the time of SWAYAM-NPTEL registration for that semester (*backlogs are considered based on the latest results, as on date of consideration*).
- (d) **BoS Chair-Releasing equivalent MOOCs for PEs in April/May & Nov/Dec:** The internal BoS has to *identify the equivalent SWAYAM-NPTEL MOOCs for PEs* from the list of courses released by SWAYAM-NPTEL for July-Dec & Jan-June sessions. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for that academic year/semester, well before the commencement of the semester/academic year, preferably in **April/May for odd semester PEs & in Nov/Dec for even semester PEs**, and get the options from the willing students to take MOOCs.
- (e) **Releasing the list of students who opted to do MOOCs for the PEs:** The HoD shall release the list of students who opted to do SWAYAM-NPTEL MOOCs for the PEs during the last week of May for odd semester PEs & in November for even semester PEs. This students' list for each PE-MOOC shall also indicate the identified **faculty coordinator for that PE-MOOC**. A Copy shall be communicated to the CoE and Dean, AA.
- (f) **The Faculty coordinator for PE-MOOC:** The faculty coordinator shall join the PE-MOOC as course mentor and shall follow-up on (i) ensuring SWAYAM-NPTEL

MOOC registration by students in time, in coordination with the **SWAYAM Institute faculty coordinator**; (ii) consistent efforts by students in watching all videos; submitting all assignments on time; and (iii) **registration of the NPTEL exam by the students**.

- (g) **Credit Transfer:** The credits earned by the student from MOOCs will be considered for the credits of the B.Tech degree, if and only if the student completes the MOOCs listed under **the BoS-approved equivalent SWAYAM-NPTEL MOOCs for Professional Elective courses**.
- (h) If a student is interested in choosing a MOOC which is **not listed under the BoS-approved equivalent SWAYAM-NPTEL MOOCs for Professional Elective courses**, the internal BoS shall take an appropriate decision and, if permitted, the same shall be informed to the Dean, AA and a copy shall be sent to CoE.
- (i) **10.11.6 of URR-18:** In case the student is unable to complete the MOOC for professional elective, he/she shall be allowed to select one of the courses listed under the respective PE offered at the institute/department concerned and appear for a supplementary examination. In such a case, the student is deemed to have passed the course, if he/she scores a minimum of 35% of the maximum marks (60) allotted to the course in the registered supplementary ESE (*i.e.*, 35 marks out of 60 in ESE).

Amendment to URR-18 rule 10.11.6:

10.11.6-A22: In case the student is unable to complete the MOOC for theory courses, he/she shall be allowed to select an appropriate course listed under the respective courses offered at the institute/department concerned and appear for a supplementary examination. In such a case, the student is deemed to have passed in supplementary exam of a theory course taken as a result of an unsuccessful MOOC attempt, if he/she secures

- 1) 35 percent of marks assigned to the supplementary ESE (*Max. Marks: 60*)
and
- 2) 35 percent of marks assigned to the CIE of MOOCs (*Max. Marks: 40*) & supplementary ESE of the course taken together (*Max. Marks: 100*).

The MOOCs' continuous internal marks (MOOCs-CIE) for the registered supplementary ESE shall be taken from the MOOCs online assignments portion of the unsuccessful MOOC. If the maximum marks for the online assignment portion of MOOCs is 25 and if the student scored 16 in that MOOC, then scaling is done for 40 marks for MOOCs-CIE (*i.e.*, $16/25$ marks shall be scaled up to $(40*16)/25 = 25.6$ marks for MOOCs-CIE).

- (j) The Above rules are also applicable to the MOOCs taken under open electives.
- (k) Once SWAYAM- NPTEL declares the results, the HoD shall submit the results of the MOOCs registered students for PEs and OEs to **the CoE** for credit transfer. Copies of SWAYAM- NPTEL certificates of the students should be attached. The faculty coordinator for the relevant MOOCs will assist with this process.

(ii) SELF LEARNING (SL) FOR B.TECH VII & VIII SEMESTER STUDENTS

The final year students need to prioritize their time for multiple activities, which include academic goals like (i) preparation for campus placements (ii) preparation for higher education (GATE/GRE/others) (iii) doing major projects (iv) placement internship/industry connect internship/industrial project (v) research papers/patents and other academic activities. To focus on the above activities, the final year students are given the option to complete the final year courses through **self-learning mode**.

Self Learning Mode: In self learning mode, the final year students shall be allowed to complete their VII & VIII semester courses of the URR-18 scheme online (except lab courses & major projects), by opting for SWAYAM-NPTEL MOOCs during the VII and VIII semesters.

- (a) Students of VII semester are allowed to take & complete all theory courses of VII semester online during July-Dec session of SWAYAM-NPTEL. Students of VIII semester are allowed to take & complete all theory courses of VIII semester online during Jan-June session of SWAYAM-NPTEL.
- (b) **Eligibility:** Only students without backlogs are permitted to take SWAYAM-NPTEL MOOC courses in self learning mode.
- (c) **Backlogs condition:** The backlog condition shall be checked at the time of SWAYAM-NPTEL registration for that semester (*backlogs are considered based on the latest results, as on date of consideration*).
- (d) BoS Chair-Releasing equivalent MOOCs for final year theory courses in April/May & Nov/Dec: From the list of courses released by the SWAYAM-NPTEL for July-Dec session & Jan-June sessions, the internal BoS has to identify the equivalent SWAYAM-NPTEL MOOCs for theory courses. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for that academic year/semester, well before the commencement of academic year/semester, preferably in April/May for VII semester courses & in Nov/Dec for VIII semester courses, and get the options from the willing students to take MOOCs under self learning mode.
- (e) **Releasing the list of students who opted to do MOOCs for the theory courses:** The HoD shall release the list of students who opted to do SWAYAM-NPTEL MOOCs for theory courses during the last week of May for VII semester courses & December for VIII semester courses. This students' list for each MOOC shall also indicate the identified **faculty coordinator for that MOOC**. A copy shall be communicated to the CoE and Dean, AA.
- (f) **The faculty coordinator for MOOC:** The faculty coordinator shall join the MOOC as a course mentor and shall follow-up for (i) ensuring SWAYAM-NPTEL MOOC registration by students on time, in coordination with the SWAYAM Institute faculty coordinator; (ii) consistent efforts by students in watching all videos; submitting all assignments on time; and (iii) students registering for the NPTEL exam.

- (g) **Credit Transfer:** The credits earned by the student from MOOCs will be considered for the credits of the B.Tech degree, if and only if the student completes the MOOCs listed under the **BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses**.
- (h) If a student is interested in choosing a MOOC which is **not listed under BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses**, the internal BoS shall take an appropriate decision and, if permitted, the same shall be informed to the Dean, AA, and a copy shall be sent to CoE.
- (i) The amended rule **10.11.6-A22** is applicable, in case the student is unable to complete the MOOC for theory courses.
- (j) Once SWAYAM- NPTEL declares the results, the HoD shall submit the results of the MOOCs registered students for MOOCs to the CoE for credit transfer. Copies of SWAYAM- NPTEL certificates of the students should be attached. The faculty coordinator for the relevant MOOCs will assist with this process.

Note: The HoD will schedule laboratory classes for students who chose to complete the VII/VIII semester in self-learning mode during the N-3 and N-2 weeks of course work.

(iii) **ACCELERATION PROGRAMME (AP) FOR V & VI SEMESTER STUDENTS**

To create ample time during final year to focus on placement internship/ industry connect internship/ industrial project, the pre-final year students are facilitated with acceleration programme (AP).

Acceleration programme (AP): In acceleration programme (AP), the pre-final year students shall be allowed to complete the final year courses i.e., VII & VIII semester courses of URR-18 scheme (except Lab courses & major project), by opting SWAYAM-NPTEL MOOCs, while studying their V and VI semesters.

- (a) **Eligibility:** Students who have completed B.Tech IV-semester without any standing backlogs and a minimum CGPA of 8.0 are eligible to take up the acceleration programme.
- (b) **BoS Chair-Releasing equivalent MOOCs for final year theory courses in April/May & Nov/Dec:** From the list of courses released by the SWAYAM-NPTEL for July-Dec session & Jan-June sessions, the internal BoS has to identify the equivalent SWAYAM-NPTEL MOOCs for theory courses. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for final year courses of that academic year/semester, well before the commencement of academic year/semester, preferably in April/May & Nov/Dec, and get the options from the willing pre-final year students to take MOOCs.
- (c) **Releasing the list of pre-final year students who opted to do MOOCs for the final year theory courses:** The HoD shall release the list of pre-final students who opted to do SWAYAM-NPTEL MOOCs for final year theory courses during the last week of May & December. This students' list for each MOOC shall also indicate the identified **faculty coordinator for that MOOC**. A copy shall be communicated to the CoE and Dean, AA.

- (d) **Faculty coordinator for MOOC:** The faculty coordinator shall join the MOOC as a course mentor and shall follow-up for (i) ensuring SWAYAM-NPTEL MOOC registration by students on time, in coordination with the SWAYAM Institute faculty coordinator; (ii) consistent efforts by students in watching all videos; submitting all assignments on time; and (iii) students registering for the NPTEL exam.
- (e) **Credit Transfer:** The credits earned by the student from MOOCs will be considered for the credits of the B.Tech degree, if and only if the student completes the MOOCs listed under **BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses**.
- (f) If a student is interested in choosing a MOOC which is **not listed under the BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses**, the internal BoS shall take an appropriate decision and, if permitted, the same shall be informed to the Dean, AA, and a copy shall be sent to CoE.
- (g) The amended rule **10.11.6-A22** is applicable, in case the student is unable to complete the MOOC for theory course.
- (h) Once SWAYAM-NPTEL declares the results, the HoD shall submit the results of the MOOC registered pre-final year students to the CoE for credit transfer. Copies of SWAYAM- NPTEL certificates of the students should be attached. The faculty coordinator for the relevant MOOCs will assist with this process.

Note: In the next academic year-when these pre-final year students come to final year, the HoD shall schedule the classes for the final year laboratory courses, if any, during N-3 and N-2 weeks of course work of next academic year, (for those students who opted to complete VII/VIII semester courses in acceleration programme (AP)).



DEAN, ACADEMIC AFFAIRS

To,

1. All HoDs - **for circulation among faculty & students and necessary action**
2. The CoE - for necessary action and arrangements for credit transfer, grading, printing of grade sheets & CGS

Copy to the following for information

1. The principal
2. The AAC
3. The TPO
4. Professor in-charge HMP
5. SWAYAM Institute Faculty Coordinator
6. Professor in-charge OBE
7. The AO
8. Academic Section