



# Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India  
Recognized by UGC under Section 2(f) of the UGC Act, 1956  
Affiliated to Rajasthan Technical University, Kota

## Notice of Add-on/Certificate Programs

🏠: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA

☎: +91-141-3500300, 2752165, 2759609 | 📠 : 0141-2759555

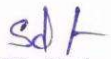
✉: [info@skit.ac.in](mailto:info@skit.ac.in) | 🌐: [www.skit.ac.in](http://www.skit.ac.in)

**OFFICE OF THE DEAN, ACADEMIC AFFAIRS**  
**RAJASTHAN TECHNICAL UNIVERSITY, KOTA**  
RTU/Acad./F(17)04/CBCS Guidelines/20/ 2753-57 Date: 23.12.2020  
24.

**OFFICE ORDER**


As per resolution of 29<sup>th</sup> Academic Council vide agenda no. 29.1(S) and subsequent approval of 35<sup>th</sup> BOM vide agenda no. 35.4(R), the new scheme and CBCS guidelines for B.Tech. 1<sup>st</sup> year from session 2020-21 onwards has been approved.

Encl.: New Scheme & CBCS Guidelines

  
**(Prof. D.K. Palwalia)**  
Dean Academic Affairs

C.C.to:

1. PS to HVC for information
2. Dean FOEA
3. Controller of Examinations, RTU Kota – to initiate action accordingly.
4. Registrar (Member Secretary) Academic Council, RTU Kota
5. Dr. Deepak Bhatia, Web Master- to upload the new CBCS scheme of B.Tech. 1<sup>st</sup> year on University Website.

  
23/12/2020  
**(Diwakar Joshi)**  
Dy. Registrar A/A



# OFFICE OF THE DEAN ACADEMIC AFFAIRS RAJASTHAN TECHNICAL UNIVERSITY

AKELGARH, RAWATBHATA ROAD, KOTA

Ph-0744-2473015, Website : www.rtu.ac.in Email: dean.academic@rtu.ac.in

## The guidelines for new Scheme for Undergraduate B.Tech. Courses in Engineering & Technology 2020-21 and Onwards

### 1 Definition of Credit:

**Table: 1.1**

1 Hr. Lecture (L) per week	1 credit
1 Hr. Tutorial (T) per week	1 credit
1 Hr. Practical (P) per week	0.5 credits

### 2 General rules for Credits:

- Total 166 credits will be required to earn by a student to be eligible to get Undergraduate Degree in Engineering & Technology.
- Total 125 credits (i.e. 166-41) will be required for a student to be eligible to get Undergraduate Degree in Engineering & Technology admitted through Lateral Entry (LEEP) in 2021-22 and onward.
- A student will be eligible to get B. Tech. (Honours) Degree, if he/she completes an additional 20 credits. These 20 credits could be acquired through MOOCs only.
- The structure of the degree will be as follows:

**Table: 2.1**

Degree	Required Credits
B. Tech.	166*
B. Tech. (Honours)	166+20 (Through MOOC's)

\* for LEEP students 125 credits

### 3 Structure of Undergraduate Engineering & Technology Program:

**Table: 3.1**

S. No.	Category	Abbreviation	Code	Break up of Credits
1	Humanities and Social Sciences including Management courses	HSMC	1	10
2	Basic Science courses	BSC	2	23
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc.	ESC	3	24
4	Professional core courses	PCC	4	84
5	Professional Elective courses relevant to chosen specialization/branch	PEC	5	



## OFFICE OF THE DEAN ACADEMIC AFFAIRS RAJASTHAN TECHNICAL UNIVERSITY

AKELGARH, RAWATBHATA ROAD, KOTA

Ph-0744-2473015, Website : www.rtu.ac.in Email: dean.academic@rtu.ac.in

6	Open subjects – Electives from other technical and /or emerging subjects	OE	6	6
7	Project work, seminar and internship in industry or elsewhere	PSIT	7	15
8	Social Outreach, Discipline & Extra Curriculum Activities	SODECA	8	4
9	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge].	MC	9	<b>(non-credit)</b>
<b>Total Credits required for the award of B. Tech. degree</b>				<b>166</b>
10	Massive Open Online Courses	MOOC	0	20
<b>Total Credits required for the award of B. Tech. (Honours) Degree (on acquiring additional 20 credits through MOOCs)</b>				<b>166+20 (186)</b>

#### 4 Definition of Course Code:

$$\langle N_1 \rangle \langle XX \rangle \langle N_2 \rangle \langle - \rangle \langle YY \rangle$$

- (i)  $N_1$ : “Semester Code” in numeric single digit, i.e. 1 to 8.  
(ii)  $XX$ : “Branch Code” in two digit alphabets as per the following:

**Table: 4.1**

SN	UG-Branch	Code (XX)
1	First Year	FY
2	Aeronautical Engineering	AN
3	Agriculture Engineering	AG
4	Automobile Engineering	AE
5	Bio- Medical Engineering	BM
6	Bio-Technology	BT
7	Civil Engineering	CE
8	Chemical Engineering	CH
9	Ceramic Engineering	CR
10	Computer Science & Engineering	CS
11	Electronics & Communication Engineering	EC
12	Energy & Environmental Engineering	EN
13	Electrical Engineering	EE
14	Electrical & Electronics Engineering	EX
15	Electronics Inst.& Control Engineering	EI
16	Food Technology	FT
17	Information Technology	IT
18	Industrial Engineering	IE