AMENDMENTS IN **UG REGULATIONS 2015** (8th Academic Council Meeting on 02.12.2017)

UNDER GRADUATE DEGREE PROGRAMMES

Existing UG Regulations – 2015

5.0 DURATION OF THE PROGRAMMES

5.1 The minimum and maximum periods for completion of the UG programmes are given below.

TABLE – 6

Programme	Minimum No. of semesters	Maximum No. of semesters
B.E. / B.Tech.	8	16
B.E. / B.Tech. Lateral Entry	6	14

11.3.1 For one credit courses, the End Semester Examination of 1 hour duration shall be conducted as and when the course is completed (if necessary). Further, the end semester question pattern shall be G type as detailed in Table – 8.

11.11 N I L

Amended UG Regulations – 2015

5.0 DURATION OF THE PROGRAMMES

5.1 The minimum and maximum periods for completion of the UG programmes are given below.

TABLE – 6

Programme	Minimum No. of semesters	Maximum No. of semesters
B.E. / B.Tech.	8	**14**
B.E. / B.Tech. Lateral Entry	6	**12**

11.3.1 For one credit courses, the End Semester Examination of 1 hour duration shall be conducted as and when the course is completed (if necessary). If a course is conducted by an industrial expert, then a committee consisting of the head of the department, subject expert and industrial expert handling the course may be constituted to normalize the evaluation. Further, the end semester question pattern shall be G type as detailed in Table – 8.

11.11 PRESERVATION OF ASSESSED ANSWER BOOKS

All answer books shall be preserved for six consecutive semesters in the strong room of Examination Cell.

UNDER GRADUATE DEGREE PROGRAMMES	
Existing UG Regulations – 2015	**Amended UG Regulations – 2015**
17.0 ELIGIBILITY FOR THE AWARD OF THE DEGREE A student shall be declared to be eligible for the award of the Degree only when he/she has	**17.0 ELIGIBILITY FOR THE AWARD OF THE DEGREE** A student shall be declared to be eligible for the award of the Degree only when he/she has
ii. Successfully completed the B.E./B.Tech. Degree programme within 8 (EIGHT) years (SIXTEEN consecutive semesters) from the date of admission to the first semester of the programme and 7 (SEVEN) years (FOURTEEN consecutive semesters) for the lateral entry candidates from the date of admission to the third semester of the programme.	**ii.** Successfully completed the B.E./B.Tech. Degree programme within **7 (SEVEN) years (FOURTEEN consecutive semesters)** from the date of admission to the first semester of the programme and **6 (SIX) years (TWELVE consecutive semesters)** for the lateral entry candidates from the date of admission to the third semester of the programme.

4.2 One Credit Non CGPA Courses

In addition, the students shall enroll, in any one of the one credit Non CGPA courses in each category listed in **Table-3** and earn a minimum of two credits (one from each category) for the award of the degree. The details for assessing these activities are given in **Annexure-II**.

TABLE – 3

CATEGORY OF ONE CREDIT NON – CGPA COURSES

Category	Code	Courses	Credit
Personality and Character Development	NCG11	Sports	1
	NCG12	Yoga for youth empowerment	
	NCG13	National Cadet Corps	
	NCG14	National Service Scheme	
	NCG15	YRC	
Allied Skills	NCG21	CO/Extra Curricular Activities	1
	NCG22	English Proficiency Certification	
	NCG23	Soft Skills	
	NCG24	Foreign / Vernacular Languages	
	NCG25	Aptitude Proficiency Certification	
	NCG26	Globally accepted Certification Courses	
	NCG27	Socially Responsible Activities	
	NCG28	Critical and Creative Thinking	

4.5 Industrial Training/Internship

4.5.2 Live-in-Lab

It is an experienced learning programmes for the students to recognize the problems of the population living in villages and to identify projects to address the problems, develop solutions, put into practice, assess results and ultimately reveal multidisciplinary innovative solutions for betterment of rural people and rural economy. The interested students shall go to the village adopted by the institution from third year onwards and they have to stay at least for two weeks continuously in that village. During the stay, they can interact with village population and identify the problem. Further, they have to provide a solution to the problems identified at the end of period of study to consider the same as internship. The Principal and Head of the department should ensure that all the necessary arrangements are made in this regard.

12.7 Internship / Industrial Training / Mini Project

12.7.1 Live-in-Lab

- *At the end of the study, the students have to submit a report as a group consisting of Maximum of 6 numbers to the department about the visit which includes date of visit, questionnaires prepared for the identification of problem, justification and the suggestions/solutions given for the identified problem. Photo proof is essential for all activities.*

- *The report will be evaluated by committee constituted by the controller with the approval of Principal as per the procedure formulated for the evaluation of project.*
- *All such projects will be considered as Internship.*
- *The best solution will be rewarded suitably.*

NCG28 CRITICAL AND CREATIVE THINKING CREDIT: 1

1.	Pre – requisites / Eligibility Conditions	Prior permission from the HOD is must
2.	Detail of Course Content / Syllabus	Refer **Annexure IV**
3.	Duration of the Course	15 Hours
4.	Assessment Procedure	As per the procedure specified for theory courses
5.	Criteria for allocation of credit	Proof for the successful completion of the course provided by the course instructor
6.	In case of failure	-

ANNEXURE - IV

CRITICAL & CREATIVE THINKING

Course Outcome:

CO1: After completing the course the students will be critical thinkers and creative problem solvers by generating new ideas.

Creativity is not an external force or a rare skill, it is a habit that can be learned and exercised every day. This course challenges preconceived notions about creativity and provides valuable tools that will unlock this skill to help you generate better ideas faster. We will lead you through few short, fun exercises that will bring little creativity and will also bring out your hidden thinking skills that you might not have realized before.

INTRODUCTION

Types of Human Thinking

Remembering and Recalling - Understanding - Applying - Analyzing - Evaluating - Creating

Opposing Categories of Types of Thinking

Vertical vs. Lateral Thinking - Concrete Thinking vs. Abstract Thinking - Convergent Thinking vs. Divergent Thinking - Logical vs. Analytical Thinking - Creative Thinking vs. Analytical Thinking - Sequential (linear) Thinking vs. Holistic Thinking

Errors in thinking

Partialism - Adversary Thinking - Time scale error - Initial Judgement - Arrogance and Conceit

Thinking Formula

AIMS Goals Objective - Consider all factors - Plus Minus Interesting - Other Peoples View - Alternatives Possible choices

CRITICAL THINKING SKILLS

Interpretations Skill - Analysis Skill - Inference Skills - Evaluation - Explanation - Self Regulation Skills

CREATIVE THINKING & INNOVATION

Creative vs. Critical Thinking - Creativity vs. Innovation - Invention vs. Innovation - Creativity and Innovation in Entrepreneurship - Creative Team and Collaborative Thinking - Exploring Innovation and Creativity within Organizations

DESIGN THINKING

What is Design Thinking - Design thinking process: Empathy understanding of Problem, Define the problem, Ideate (Generating new ideas for Problem Solving), Prototype, Test

IDEATION TOOLS AND METHODS

Brainstorming - Reverse Brainstorming - Mind mapping tool - SWOT Analysis - SCAMPER method