



**4-Year Bachelor of Technology (B.Tech.) Curriculum and**  
**Syllabus for Electrical Engineering with AI**  
**First Semester**

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
<b>Theory</b>					
TIUFY-101	Career Advancement - Skill Development: Fundamentals of AI	3	1	0	4
TIUFY-102	English for Communication	3	0	0	3
TIUFY-103	Mathematics – I	3	1	0	4
TIUFY-104	Physics	3	1	0	4
TIUFY-105	IT Tools and Applications	3	1	0	4
<b>Practical</b>					
TIUFY-194	Physics Lab	0	0	3	2
TIUFY-195	IT Tools and Applications Lab	0	0	3	2
TIUFY-196	Engineering Drawing & Graphics	0	0	3	2
<b>Sessional</b>					
TIUFY-181	Entrepreneurship Skill Development-I	0	0	4	3
<b>Total Credits</b>					<b>28</b>

Approved By:

External Expert

VC

Registrar

Dean of Academics

Mentor of the Dept.

HOD