In the new scheme, there will be 2 weeks of Bridge Course, which will be followed by 12-13 weeks of Regular Course in 3rd Semester.

Teaching Scheme for Bridge Course for 2 Weeks (Semester-3) – Total: 60 Hours of Teaching including Practicals

Subject Name	*Theory Hrs*	*Tutorial Hrs*	*Practical Hrs*
Binary Arithmetics	02	--	--
Problem Solving thru' C	02	02	16
Worksheet (Excel)	--	--	08
Total --->	*04*	*02*	*24*

BridgeCourseContent

There will not be any university examination at the end of Bridge Course. However, the Institute may adopt their own assessment and evaluation pattern for Examination of Bridge course.

G U J A R A T T E C H N O L O G I C A L U N I V E R S I T Y **Regular MCA** **Subjects and Teaching Scheme (W.E.F. June, 2016)**												
SEMESTER III												
Subject Code	**Subject Name**	**Teaching Scheme**			**Credits**	**Theory**		**Practical / VIVA**		**Total Marks**	
		Theory	**Tutorial**	**Practical**		**University Exam (ESE)**	**Mid-Term Exam (PA)**	**Mid-Term Practical / Viva (PA)**	**External Practical / Viva (ESE)**	**Theory**	**Practical / VIVA**
3630001	Basic Mathematics	3	-	3	6	70	30	20	30	100	50
3630002	Basic Computer Science-1(Applications of Data Structures and Applications of SQL)	3	-	3	6	70	30	20	30	100	50
3630003	Basic Computer Science-2(Applications of Operating Systems and Applications of Systems Software)	3	-	3	6	70	30	20	30	100	50
*******	Elective-1	3	-	3	6	70	30	20	30	100	50
*******	Elective-2	3	-	3	6	70	30	20	30	100	50
	Total	15	-	15	30	350	150	100	150	500	250

Elective – I	
3630004	Programming with C++
3630005	Programming with Java
3630006	Programming with Python
3630007	Dynamic HTML
3630008	Database Administration
Elective – II	
3630009	Procedure Programming in SQL
3630010	Programming with Linux, Apache, MySQL, and PHP (LAMP)
3630011	Data Warehousing
3630012	Information Security