AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY (ASET)

Program Name: B.Tech.(CSE)

FIRST SEMESTER

Code	Course	Category	L	T	P/FW	Credit Units
Core Courses						
AM101	Applied Mathematics – I	CC	3	1	-	4
AP 102	Applied Physics - I – Fields & Waves	CC	2	1	-	3
BME 103	Engineering Mechanics	CC	2	1	-	3
BCS 104	Introduction to Computers & Programming in C	CC	2	1	-	3
BEE 105	Basic Electrical Engineering	CC	2	1	-	3
BME 106	Engineering Graphics	CC	1	-	-	1
Practical Courses						
AP 122	Applied Physics - I lab	CC	-	-	2	1
BME 123	Engineering Mechanics Lab	CC	-	-	2	1
BCS 124	Programming in C Lab	CC	-	-	2	1
BEE 125	Basic Electrical Engineering Lab	CC	-	-	2	1
BME 126	Engineering Graphics Lab	CC	-	-	2	1
Value Added Courses						
BCS 101	English	VA	1	-	-	1
BSS 104	Behavioral Science-I(Understanding Self for Effectiveness)	VA	1	-	-	1
FLT 101 FLG 101 FLS 101 FLC 101	Foreign Language – I French German Spanish Chinese	VA	2	-	-	2
Non-Teaching Credit Course (NTCC)						
AND001	Anandam-I	NTCC	-	-	-	2
Total						**28**

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY (ASET)

Program Name: B.Tech.(CSE)

SECOND SEMESTER

Code	Course	Category	L	T	P/FW	Credit Units
Core Courses						
AM 201	Applied Mathematics – II	CC	3	1	-	4
AP 202	Applied Physics - II – Modern Physics	CC	2	1	-	3
AC 203	Applied Chemistry	CC	2	1	-	3
BCS 204	Data Structures Using C	CC	2	1	-	3
BME 205	Elements of Mechanical Engineering	CC	2	1	-	3
BCS 206	Domain Workshop/Seminar	NTCC	-	-	-	1
EVS 001	Environmental Studies	CC	4	-	-	4
Practical Courses						
AP 222	Applied Physics – II Lab	CC	-	-	2	1
AC 223	Applied Chemistry Lab	CC	-	-	2	1
BCS 224	Data Structures Using C Lab	CC	-	-	2	1
BME 225	Elements of Mechanical Engineering Lab	CC	-	-	2	1
Open Elective						
	OPEN ELECTIVE- 1	**OE**	**3**	**-**	**-**	**3**
Value Added Courses						
BCS 201	English	VA	1	-	-	1
BSS 204	Behavioural Science – II (Problem solving and Creative Thinking)	VA	1	-	-	1
FLT 201 FLG 201 FLS 201 FLC 201	Foreign Language – II French German Spanish Chinese	VA	2	-	-	2
Non-Teaching Credit Course (NTCC)						
AND002	Anandam-II	NTCC	-	-	-	2
Total						**34**

Program Name: B.Tech.(CSE)

THIRD SEMESTER

Code	Course	Category	L	T	P/FW	Credit Units
Core Courses						
AM 301	Applied Mathematics – III	CC	2	1	-	3
BCS 302	Database Management Systems	CC	2	1	-	3
BCS 303	Operating Systems with Unix	CC	2	1	-	3
BCS 304	Object Oriented Programming using C++	CC	2	1	-	3
Practical Courses						
BCS 322	Database Management Systems lab	CC	-	-	2	1
BCS 323	Operating Systems with Unix lab	CC	-	-	2	1
BCS 324	Object Oriented Programming using C++ lab	CC	-	-	2	1
Domain Elective-I : Choose any ONE from the following courses along with corresponding labs						
BCS 305	Digital Electronics	DE	2	1	-	3
BCS 306	Website Design	DE				
BCS 325	Digital Electronics lab	DE	-	-	2	1
BCS 326	Website Design Lab	DE				
Open Elective Course						
	OPEN ELECTIVE- 2	**OE**	3	-	-	3
Value Added Courses						
BCS 301	Communication Skills – I	VA	1	-	-	1
BSS 304	Behavioral Science – III (Interpersonal Communication)	VA	1	-	-	1
FLT 301 FLG 301 FLS 301 FLC 301	Foreign Language – III French German Spanish Chinese	VA	2	-	-	2
Non-Teaching Credit Course (NTCC)						
AND003	Anandam-III	NTCC	-	-	-	2
Total						**28**

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY (ASET)

Program Name: B.Tech.(CSE)

FOURTH SEMESTER

Code	Course	Category	L	T	P/FW	Credit Units
Core Courses						
BCS 402	Theory of Automata & Computation	CC	3		-	3
BCS 403	Discrete Mathematics	CC	2	1	-	3
BCS 404	Computer Graphics	CC	2	1	-	3
BCS 405	Data Communication & Computer Networks	CC	2	1	-	3
Practical Courses						
BCS 424	Computer Graphics Lab	CC	-	-	2	1
BCS 425	Data Communication & Computer Networks Lab	CC	-	-	2	1
Domain Elective-II : Choose any one from the following courses						
BCS 406	Hypertext Preprocessor (PHP)	DE	2	1	-	3
BCS 407	E-Commerce and ERP	DE	4	-	-	4
BCS 426	PHP Lab	DE	-	-	2	1
Open Elective Courses						
	OPEN ELECTIVE- 3	OE	3	-	-	3
Value Added Courses						
BCS 401	Communication Skills – II	VA	1	-	-	1
BSS 404	Behavioural Science – IV (Relationship Management)	VA	1	-	-	1
FLT 401 FLG 401 FLS 401 FLC 401	Foreign Language – IV French German Spanish Chinese	VA	2	-	-	2
Non-Teaching Credit Course (NTCC)						
AND004	Anandam-IV	NTCC	-	-	-	2
Total						**27**

PRACTICAL TRAINING – I: 6 – 8 WEEKS