

DEPARTMENT OF COMPUTER SCIENCE

100 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 101	C	Introduction to Computer Science	1	-	3	2
CHE 101	C	General Chemistry I	2	1	3	4
BIO 101	R	General Biology I	2	1	3	4
GNS 101	R	Use of English I	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
MEE 101	R	Engineering Drawing I	1	-	6	3
MTS 101	C	Introductory Mathematics I	2	1	0	3
PHY 101	C	General Physics I	2	1	0	3
PHY 107	C	General Physics (Lab) I	0	0	3	1
	Total					23

100 LEVEL 2 ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 102	C	Introduction to Computing	2	-	3	3
BIO 102	R	General Biology II	2	1	3	4
CHE 102	C	General Chemistry II	2	1	3	4
GNS 102	R	Use of English II	1	1	0	2
GNS 106	R	Logic and Philosophy	1	1	0	2
MEE 102	R	Workshop Practice	0	0	6	2
MTS 102	C	Introductory Mathematics II	2	1	-	3
PHY 102	C	General Physics I	2	1	-	3
PHY 108	C	General Physics Laboratory II	0	0	3	1
	Total					24

200 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 201	C	Introduction to Fortran Programming	2	-	3	3
CSC 203	C	Digital Design	2	-	3	3
CSC 205	C	Structured Programming	1	-	3	2
CSC 207	C	Introduction Web Design	1	-	-	1
CSP 201	C	General Agriculture (Theory)	1	-	0	1
GNS 201	C	Man and his Environment	1	1	0	2
MTS 201	C	Mathematical Methods I	2	1	0	3
MTS 203	C	Linear Algebra I	1	1	0	2
MTS 209	C	Differential Equations I	2	1	0	3
	Total					20

Audited Courses for D.E students						
COURSE CODE		COURSE TITLE	L	T	P	Units
GNS 101	R	Use of English I	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
MEE 101	R	Engineering Drawing I	1	0	6	3

200 LEVEL 2 ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 202	C	Comparative Programming Languages	2	-	3	3
CSC 204	C	Assembly Language Programming	2	-	3	3
CSC 206	C	Human Computer Interaction	1	-	3	2
CSP 210	C	General Agriculture (Practical)	-	-	6	2

PMT 210	C	Principles of Economics	2	1	0	3
MTS 122	C	Statistics for Physical Science and Engr.	3	1	0	4
PHY 210	C	Basic Electronics	2	1	3	4
	Total					21

University Required Courses for Direct Entry Students						
MEE 102	R	Workshop practice	0	-	6	2
GNS 102	R	Use of English II	1	1	-	2
GNS 106	R	Logic and Philosophy	1	1	-	2

300 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 301	C	Computer Architecture I	1	0	3	2
CSC 303	C	Design and Analysis of Computer Algorithms	2	0	3	3
CSC 305	C	System Programming with C	1	0	3	2
CSC 307	C	Discrete Structures	1	1	0	2
CSC 309	C	Theory of Computation	2	1	0	3
CSC 311	C	Digital Signal Processing	1	0	3	2
CSC 313	C	Data Communications	2	0	3	3
CSC 315	C	Data Analysis	1	0	3	2
MTS 303	C	Sets, Logic and Algebra	2	1	0	3
EMT 301	R	Introduction to Entrepreneurship	2	0	0	2
	Total					24

300 LEVEL 2 ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 302	C	Data Structure and Algorithms	2	-	3	3
CSC 304	C	Operating Systems I	2	0	3	3
CSC 306	C	System Analysis and Design	2	-	-	2
CSC 308	C	Object – Oriented Programming	2	-	3	3
CSC 310	C	Computer Hardware Systems and Maintenance	1	-	3	2
MTS 202	C	Introduction to Numerical Analysis I	2	1	0	3
MTS 204	C	Linear Algebra II	1	1	-	2
MTS 326	C	Operations Research I	2	1	-	3
EMT 302	R	Practical Skills in Entrepreneurship	-	-	9	3
	Total					24

400 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 401	C	Compiler Construction	2	-	3	3
CSC 403	C	Computer Networks	2	-	3	3
CSC 405	C	Electronic Commerce Technology	1	1	-	2
CSC 407	C	Database Systems I	2	1	-	3
CSC 409	C	Software Engineering I	2	-	3	3
CSC 411	C	Computer Graphics & Virtual Environments	2	-	3	3
CSC 413	C	Operating Systems II	1	-	3	2
CSC 415	C	Web Applications Development	1	-	3	2
CSC 417	C	Programming Languages Concepts	1	-	-	1

	Total					22
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400 LEVEL 2ND SEMESTER LONG VACATION (SIWES)						
COURSE CODE		COURSE TITLE				Units
CSC 402	C	Industrial Training Assessed by Industrial based Supervisors				4
CSC 404	C	Industrial Training Assessed by FUTA Supervisors				4
CSC 406	C	Student's Report and Seminar presentation				4
		Total				12

500 LEVEL 1ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 501	C	Database Systems II	2	-	3	3
CSC 503	C	Computer and Network Security	1	-	3	2
CSC 505	C	Fault-Tolerant Computing	2	-	3	3
CSC 507	C	Technology Mgt. & Professional Issues	1	-	-	1
CSC 509	C	Artificial Intelligence & Soft computing	2	-	3	3
CSC 511	C	Software Engineering II	2	1	-	3
CSC 513	E	Introduction to Biometrics Computing	1	-	-	1
CSC 599	C	Final Year Student's Project	-	-	18	6
		Total				22

500 LEVEL 2ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
CSC 502	C	Introduction to Expert Systems	2	-	3	3
CSC 504	C	Computer Architecture II	2	1	-	3
CSC 506	C	Computer Business Entrepreneurship	1	-	-	1
CSC 508	C	Simulation and Modelling	2	-	3	3
CSC 510	C	Introduction to Cluster Computing	1	-	3	2
CSC 512	E	Special Topics	2	-	-	2
CSC 514	C	Performance Evaluation and Benchmarking	2	1	-	3
PMT 504	C	Entrepreneurship	2	1	-	3
		Total				20