INVERTIS
UNIVERSITY BAREILLY
BUILDING VIBRANT PERSONALITIES

EXTRACT OF THE MINUTES OF THE MEETING
OF ACADEMIC COUNCIL 2016-17

NAAC CRITERIA 1.2.1

Extract of the minutes of 7th meeting of the Academic Council held on 25th April, 2017

Venue	Time
University Conference Room	03.15 pm

Agenda Item 7.7:

(b) To consider the new courses as recommended by Board of studies of various Departments.

Various new courses on practical learning, skill development, entrepreneurship, employability are included in the revised syllabus in order to develop the skill in our students and make them ready for employment. The council approved these new courses w.e.f. the academic year 2016-17.

List of the new courses are as under:

Course Name	Course Code	Program Name
Analysis	MMA 102	M.Sc (Mathematics)
Fundamental of Computer and C Programming	MMA 104	M.Sc (Mathematics)
Numerical methods	MMA 105	M.Sc (Mathematics)
C-Programming Lab	MMA 151	M.Sc (Mathematics)
Linear Algebra	MMA 201	M.Sc (Mathematics)
Data structure Lab	MMA 251	M.Sc (Mathematics)
Operation Research	MMA 301	M.Sc (Mathematics)
Discrete Mathematics	MMA 304	M.Sc (Mathematics)
Elective-I	MMA 305	M.Sc (Mathematics)
MatLab	MMA 351	M.Sc (Mathematics)
MatLab	MMA 452	M.Sc (Mathematics)
Communication Electronics and OP-amp	MPY 402	M.Sc. (Physics)

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Subject	Code	Program
Bioorganic and Photo organic Chemistry	MCH 302	M.Sc. (Chemistry)
Matrix and Calculus	BHM 101	B.Sc (H) Mathematics
Numerical and Statistical Technique	BHM 102	B.Sc (H) Mathematics
Vector Analysis	BHM 201	B.Sc (H) Mathematics
Analytical Geometry	BHM 202	B.Sc (H) Mathematics
Differential Equation	BHM 301	B.Sc (H) Mathematics
Statistics and Dynamics	BHM 302	B.Sc (H) Mathematics
Elementary Algebra and Analysis	BHM 401	B.Sc (H) Mathematics
Integral Transform	BHM 402	B.Sc (H) Mathematics
Electronic Devices and Circuit	BHP 402	B.Sc (H) Physics
Digital Electronics	BHP 501	B.Sc (H) Physics
Matrix theory and Infinite Series	BMR 101	B.Sc. PCM
Fundamentals of Chemistry	BSR 101	B.Sc. PCM
Physical Chemistry-I	BSR 201	B.Sc. PCM
Organic Chemistry-I	BSR 202	B.Sc. PCM
Environment and Ecology	BAS 204	B.Sc. PCM
Thermodynamics	BPR 301	B.Sc. PCM
Organic Chemistry-II	BSR 401	B.Sc. PCM
Applied Organic Chemistry-III	BSR 502	B.Sc. PCM
Lab Work 1	BMR 652	B.Sc. PCM
Object Oriented Techniques	BCS-407	B.Tech CS
Java Programming	BCS-503	B.Tech CS
(CS Elective-I) Fuzzy logic	BCS-052	B.Tech CS

(CS Elective-I)Multimedia Systems	BCS-053	B.Tech CS
(CS Elective-I)Cloud Architecture	BCS-055	B.Tech CS
(open elective-1)Operational Research	BOE-505	B.Tech CS
(CS elective II)PHP	BCS-064	B.Tech CS
(CS elective II)Linux Administration	BCS-065	B.Tech CS
(CS elective III)Natural Language Processing	BCS-069	B.Tech CS
(CS elective III)ERP Systems	BCS-070	B.Tech CS
(CS elective IV)OS for Smart Devices (Android)	BCS-074	B.Tech CS
.NET Framework	BCS-802	B.Tech CS
(CS elective V)Bioinformatics	BCS-084	B.Tech CS
(CS elective V)Digital Image Processing	BCS-085	B.Tech CS
(CS elective VI)Big Data Analysis	BCS-090	B.Tech CS
Fundamental of Information Security	BCS-305	B.Tech CTIS
Virtualization and Cloud Security	BCS-508	B.Tech CTIS
(open elective-1)Operational Research	BOE-505	B.Tech CTIS
(CS Elective-I) Principles of Programming Language	BCS-051	B.Tech CTIS
(CS Elective-I)Soft Computing	BCS-054	B.Tech CTIS
(CS Elective-I) Fuzzy logic	BCS-052	B.Tech CTIS

(CS Elective-I)Multimedia Systems	BCS-053	B.Tech CTIS
(CS Elective-I)Cloud Architecture	BCS-055	B.Tech CTIS
(CS elective II)SOFTWARE TESTING	BCS-061	B.Tech CTIS
(CS elective II)GRAPH THEORY	BCS-062	B.Tech CTIS
(CS elective II)SYSTEM PROGRAMMING	BCS-063	B.Tech CTIS
(CS elective II)PHP	BCS-064	B.Tech CTIS
(CS elective II)LINUX ADMINISTRATION	BCS-065	B.Tech CTIS
(CS elective III)SOFTWARE PROJECT MANAGEMENT	BCS-066	B.Tech CTIS
(CS elective III)PATTERN RECOGNITION	BCS-067	B.Tech CTIS
(CS elective III)PARALLEL ALGORITHM	BCS-068	B.Tech CTIS
(CS elective III)NATURAL LANGUAGE PROCESSING	BCS-069	B.Tech CTIS
(CS elective III)ERP SYSTEM	BCS-070	B.Tech CTIS
(CS elective IV)EMBEDDED AND REAL TIME SYSTEMS	BCS-071	B.Tech CTIS
(CS elective IV)ANDROID OPREATING SYSTEM	BCS-074	B.Tech CTIS
(CS elective IV)CLIENT SERVER COMPUTING	BCS-075	B.Tech CTIS
.NET Framework	BCS-802	B.Tech CTIS
(CS elective V)Digital Image Processing	BCS-085	B.Tech CTIS

(CS elective VI)COMPUTATIONAL GEOMETRY	BCS-086	B.Tech CTIS
(CS elective VI)COMPUTATIONAL COMPLEXITY	BCS-087	B.Tech CTIS
(CS elective VI)IT IN FORENSIC SCIENCE	BCS-088	B.Tech CTIS
(CS elective VI)ADVANCED COMPUTER NETWORK	BCS-089	B.Tech CTIS
(CS elective VI)BIG DATA ANALYSIS	BCS-090	B.Tech CTIS
Cloud Computing	MCS-105	M.Tech CS
Object Oriented Modeling	MCS-204	M.Tech CS
ENVIRONMENT STUDIES	BMC 106	BJMC