



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI


छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई

क्रमांक : छस्वावितवि/प्रशा./2018/725

भिलाई, दिनांक : 6.4.18

अधिसूचना

विश्वविद्यालय के बी.ई., बी.फार्मसी एवं एम.सी.ए. पुराने पाठ्यक्रम के समस्त छात्र/छात्राओं को यह अधिसूचित किया जाता है कि विश्वविद्यालय कार्य परिषद की 58वीं बैठक दिनांक 16.03.2018 में लिए गये निर्णयानुसार अप्रैल-मई 2018 परीक्षा के पश्चात बैकलॉग विषयों की परीक्षाएं केवल नवीन पाठ्यक्रम के अनुसार ली जावेगी एवं पुराने पाठ्यक्रम के छात्रों को बैकलॉग विषयों को उत्तीर्ण करने हेतु, संबंधित अध्ययन मंडल द्वारा तैयार, नवीन पाठ्यक्रम के समतुल्य विषयों में परीक्षा देनी होगी। ब्रांचवार समतुल्य विषयों की सूची संलग्न है। पुराने पाठ्यक्रम के जिन विषयों के समतुल्य विषय नवीन पाठ्यक्रम में नहीं है उनके प्रश्न पत्र पुराने पाठ्यक्रम के अनुसार ही होंगे।


कुलसचिव,
छस्वावितवि, भिलाई

क्रमांक : छस्वावितवि/प्रशा./2018/
प्रतिलिपि :

भिलाई, दिनांक :

1. प्राचार्य/डायरेक्टर, विश्वविद्यालय से सम्बद्ध समस्त महाविद्यालय को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
2. विश्वविद्यालय सूचना पटल एवं विश्वविद्यालय के वेबसाइट में प्रदर्शित करने हेतु।
3. निज सहायक मा. कुलपति।
4. मास्टर फाइल।


कुलसचिव,
छस्वावितवि, भिलाई

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Applied Electronics & Instrumentation Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Basic Electronics	328313(28)	Basic Electronics	312352(27)
2	3rd	Measurement And Instrumentations	327311(27)	Measurement And Instrumentations	312353(27)
3	3rd	Network Analysis And Synthesis	328314(28)	Network Analysis And Synthesis	312354(27)
4	3rd	Programming with C	328316(28)	Programming with C	312355(27)
5	4th	Applied Electronics - I	327411(27)	Applied Electronics - I	312452(27)
6	4th	Sensors & Transducers	327412(27)	Sensors & Transducers	312454(27)
7	5th	Signal Conditioning Circuits	327511(27)	Signal Conditioning Circuits	312551(27)
8	5th	Industrial Instrumentation - I	327512(27)	Industrial Instrumentation	327552(27)
9	5th	Communication Engineering	327513(28)	Communication Engineering	312553(12)
10	5th	Automatic Control System	328516(28)	Control System Engineering	312555(27)
11	5th	Bio-Medical Instrumentation	327514(28)	Medical Measurements & Instrumentation	312554(12)
12	6th	Process Dynamics & Control	327611(27)	Process Dynamics & Control	312651(27)
13	6th	Digital Signal Processing	327614(27)	Digital Signal Processing	312654(27)
14	6th	Microelectronic Devices & VLSI Technology	327632(27)	Microelectronic Devices & VLSI Technology	312672(27)
15	6th	Telecommunication Switching & Computer Network	327633(27)	Telecommunication Switching & Computer Network	312673(27)
16	7th	Analytical Instrumentation	327712(27)	Analytical Instrumentation	327732(27)
17	7th	Data Acquisition System & Technology	312751(27)	Data Acquisition System & Technology	312741(27)
18	7th	Instrumentation System Reliability	327753(27)	Instrumentation System Reliability	327745(27)
19	7th	Neural Network & Fuzzy Logic Control	327754(27)	Neural Network & Fuzzy Logic Control	327746(27)
20	8th	Optical Instrumentation	327812(27)	Optical Instrumentation	327831(27)
21	8th	Elective-III : Power Plant Instrumentation	327873(27)	Elective-III : Power Plant Instrumentation	327844(27)
22	8th	Elective-III : Environmental Instrumentation	312873(27)	Elective-III : Environmental Instrumentation	312844(27)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Bio-Technology Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	4th	Recombinant DNA Technology	318412(18)	Recombinant DNA Technology	318454(18)
2	6th	Bio-Informatics	318614(18)	Environmental Biotechnology	318653(18)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Chemical Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Inorganic Process Technology	319312(19)	Inorganic Process Technology	319352(19)
2	3rd	Applied Physical Chemistry	319314(19)	Applied Physical Chemistry	319354(19)
3	4th	Fluid & Particle Operations	319411(19)	Fluid & Particle Operations	319451(19)
4	4th	Material Technology	319414(19)	Material Technology	319454(19)
5	4th	Fuel Technology	319415(19)	Fuel Technology	319455(19)
6	4th	Transport Processes	318415(19)	Transport Processes	318451(19)
7	4th	Thermodynamics & Biochemical Reaction	318416(19)	Thermodynamics & Biochemical Reaction Engineering	318452(19)
8	5th	Fluid Flow Operations	319511(19)	Fluid Flow Operations	319551(19)
9	5th	Heat Transfer Operations	319512(19)	Heat Transfer Operations	319552(19)
10	5th	Computational Methods in Chemical Engg.	319513(19)	Computational Methods in Chemical Engg.	319553(19)
11	5th	Bio-Chemical Engg.	319516(19)	Bio-Chemical Engg.	319556(19)
12	5th	Process Economics and Management	318516(19)	Process Economics and Management	318553(19)
13	6th	Chemical Reaction Engg.	319612(19)	Chemical Reaction Engg.	319652(19)
14	6th	Process Equipment Design - I	319615(19)	Process Equipment Design - I	319655(19)
15	6th	Fertilizer Technology	318632(19)	Fertilizer Technology	318676(18)
16	6th	Process Safety & Hazard Management	319634(19)	Process Safety & Plant Utility	319654(19)
17	7th	Transport Phenomena	319711(19)	Transport Phenomena	319742(19)
18	7th	Process Equipment Design-II	319714(19)	Process Equipment Design-II	319734(19)
19	7th	Petroleum Refinery Engg.	319752(19)	Petroleum Refinery Engg.	319731(19)
20	7th	Unit Operation	318714(19)	Unit Operation	318731(19)
21	8th	Process Equipment Design-III	319811(19)	Process Equipment Design-III	319831(19)
22	8th	Process Dynamics and Control	319813(19)	Process Dynamics and Control	319833(19)
23	8th	Elective-III : Modeling and Simulation	319871(19)	Elective-III : Modeling and Simulation	319832(19)
24	8th	Elective-IV : Non Conventional Energy Sources	300898(19)	Elective-IV : Non Conventional Energy Sources	300809(19)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Civil Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Fluid Mechanics-I	320312(20)	Fluid Mechanics-I	320352(20)
2	3rd	Surveying-I	320313(20)	Surveying-I	320353(20)
3	3rd	Mechanics of Solids	320314(20)	Mechanics of Solids	320354(20)
4	4th	Structural Analysis - I	320411(20)	Structural Analysis - I	320451(20)
5	4th	Fluid Mechanics - II	320412(20)	Fluid Mechanics - II	320452(20)
6	4th	Surveying - II	320413(20)	Surveying - II	320453(20)
7	4th	Civil Engineering Drawing	320414(20)	Civil Engineering Drawing	320454(20)
8	4th	Building Construction	320415(20)	Building Construction	320455(20)
9	5th	Structural Analysis-II	320511(20)	Structural Analysis-II	320551(20)
10	5th	Structural Engineering Design-I	320512(20)	Structural Engineering Design-I	320552(20)
11	5th	Geotech Engineering - I	320513(20)	Geotech Engineering - I	320553(20)
12	5th	Numerical Methods and Computer Programming	320515(20)	Numerical Methods and Computer Programming	320555(20)
13	5th	Engineering Hydrology	320516(20)	Engineering Hydrology	320556(20)
14	6th	Geotech Engineering - II	320612(20)	Geotech Engineering - II	320652(20)
15	6th	Environmental Engineering - I	320613(20)	Environmental Engineering - I	320653(20)
16	6th	Modern Construction Materials	320631(20)	Modern Construction Materials	320671(20)
17	6th	Remote Sensing & its Applications	320636(20)	Remote Sensing & its Applications	320675(20)
18	6th	GIS & its Applications	320637(20)	GIS & its Applications	320676(20)
19	7th	Water Resources Engineering-I	320712(20)	Water Resources Engineering-I	320732(20)
20	7th	Environmental Engineering -II	320713(20)	Environmental Engineering -II	320733(20)
21	7th	Quantity Surveying and Cost Evaluation	320714(20)	Quantity Surveying and Cost Evaluation	320734(20)
22	7th	Quality Control and Assurance in Construction	320751(20)	Quality Control and Assurance in Construction	320741(20)
23	7th	Construction Equipments and Techniques	320754(20)	Construction Equipments and Techniques	320744(20)
24	7th	Expansive Soils	320755(20)	Expansive Soils	320745(20)
25	7th	Foundation Engineering	320757(20)	Foundation Engineering	320747(20)
26	7th	Advanced Transportation Engineering	320759(20)	Advanced Transportation Engineering	320749(20)
27	7th	Traffic Engineering	320760(20)	Traffic Engineering	320750(20)
28	8th	Water Resources Engineering-II	320812(20)	Water Resources Engineering-II	320832(20)
29	8th	Elective-III : Prestressed Concrete Structures	320875(20)	Elective-III : Prestressed Concrete Structures	320845(20)
30	8th	Elective-III : Open Channel Flow	320878(20)	Elective-III : Open Channel Flow	320848(20)

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Civil Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
31	8th	Elective-III : Water Resources Planning and Management	320879(20)	Elective-III : Water Resources Planning and Management	320849(20)
32	8th	Elective-III : Water Shed Management	320880(20)	Elective-III : Water Shed Management	320850(20)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Computer Science & Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Problem Solving & Logic Building Using C	322315(22)	Problem Solving & Logic Building Using C	322354(22)
2	4th	Data Structures	322413(22)	Data Structures	322453(22)
3	4th	Computer Systems Architecture	322414(22)	Computer Systems Architecture	322454(22)
4	4th	Object Oriented Concepts & Programming Using C++	322415(22)	Object Oriented Concepts & Programming Using C++	322455(22)
5	5th	Analysis and Design of Algorithms	322512(22)	Analysis and Design of Algorithms	322552(22)
6	5th	Theory of Computation	322514(22)	Theory of Computation	322554(22)
7	5th	Database Management System	322516(22)	Database Management System	322556(22)
8	6th	Computer Networks	322611(22)	Computer Networks	322651(22)
9	6th	Compiler Design	322612(22)	Compiler Design	322652(22)
10	6th	Software Engineering	322614(22)	Software Engineering	322654(22)
11	6th	Digital Signal Processing	322631(22)	Digital Signal Processing	322671(22)
12	6th	Inter Networking with TCP/IP	322635(22)	Inter Networking with TCP/IP	322674(22)
13	6th	Management Information Systems	322634(22)	Management Information Systems	322675(22)
14	6th	Advanced Operating System	322636(22)	Advanced Operating System	322676(22)
15	6th	Advanced Data Base Systems	322638(22)	Advanced Data Base Systems	322677(22)
16	7th	Parallel Processor & Computing	322712(22)	Parallel Processor & Computing	322732(22)
17	7th	Network Programming	322713(22)	Network Programming	322733(22)
18	7th	Operations Research	322714(22)	Operations Research	322742(22)
19	7th	Digital Image Processing	322751(22)	Digital Image Processing	322740(22)
20	7th	Advanced Computer Architecture	322752(22)	Advanced Computer Architecture	322741(22)
21	7th	Natural Languages Processing	322757(22)	Natural Languages Processing	322744(22)
22	7th	OODBMS	322758(22)	OODBMS	322745(22)
23	8th	Artificial Intelligence & Expert Systems	322811(22)	Artificial Intelligence & Expert Systems	322831(22)
24	8th	Data Mining & Warehousing	322812(22)	Data Mining & Warehousing	322832(22)
25	8th	Elective-III : Neural Network & Fuzzy Logic	322871(22)	Elective-III : Neural Network & Fuzzy Logic	322840(22)
26	8th	Elective-III : Distributed Parallel Processing	322872(22)	Elective-III : Distributed Parallel Processing	322841(22)
27	8th	Elective-III : Distributed Multimedia	322873(22)	Elective-III : Distributed Multimedia	322842(22)
28	8th	Elective-III : Decision Support System	322874(22)	Elective-III : Decision Support System	322843(22)
29	8th	Elective-III : Real Time Systems	322876(22)	Elective-III : Real Time Systems	322845(22)
30	8th	Elective-III : Pattern Recognition	322877(22)	Elective-III : Pattern Recognition	322846(22)

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Computer Science & Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
31	8th	Elective-III : Wireless Networks	322875(22)	Elective-III : Wireless Networks	322849(22)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Electrical Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	1st	Basic Electrical Engineering	300115(24)	Elements of Electrical Engineering (New)	300118(24)
2	3rd	Applied Mathematics	324311(14)	Applied Mathematics	324351(14)
3	3rd	Electrical Machines-I	324312(24)	Electrical Machines-I	324352(24)
4	3rd	Solid State Devices	324313(24)	Basic Electronics	324353(24)
5	3rd	Electric Circuits	324314(24)	Electric Circuits	324354(24)
6	3rd	Numerical Analysis & Computer Programming	324315(24)	Applied Numerical Analysis	324553(24)
7	3rd	Electrical Power Generation	324316(24)	Electrical Power Generation	324356(24)
8	3rd	Electrical Engineering Materials	324411(24)	Electrical Engineering Materials	324355(24)
9	4th	Electro Magnetic Fields	324412(24)	Electro Magnetic Theory	324452(24)
10	4th	Electrical Network Analysis & Synthesis	324413(24)	Electrical Network Analysis & Synthesis	324453(24)
11	4th	Digital Electronics & Logic Design	324414(24)	Digital Electronics & Logic Design	324454(24)
12	4th	Electrical Power System - I	324415(24)	Electrical Power Systems	324455(24)
13	4th	Electrical Measurements & Measuring Instruments	324416(24)	Electrical Measurements & Measuring Instruments	324456(24)
14	5th	Electrical Machine-II	324511(24)	Electrical Machine-II	324551(24)
15	5th	Control System Engg.	324514(24)	Control System Engg.	324555(24)
16	5th	Analog & Digital Communication	324516(24)	Communication Theory	324556(24)
17	6th	Power System Analysis	324611(24)	Power System Analysis	324651(24)
18	6th	Power System Protection & Switchgear	324612(24)	Switch Gear & Protection	324731(24)
19	6th	Power Electronics	324613(24)	Power Electronics	324653(24)
20	6th	Digital Signal Processing	324615(24)	Principles of Digital Signal Processing	324655(24)
21	6th	Fibre Optics	324631(24)	Fibre Optics	324671(24)
22	6th	Process Control	324633(24)	Process Control	324673(24)
23	7th	High Voltage Engineering	324711(24)	High Voltage Engineering	324831(24)
24	7th	Electrical Machines-III	324712(24)	Electrical Machines-III	324652(24)
25	7th	Digital Image Processing	324752(24)	Digital Image Processing	324747(24)
26	7th	System Software	324754(24)	System Software	324742(24)
27	7th	Advanced Microprocessor	324756(24)	Advanced Microprocessor	324744(24)
28	7th	Modern Control System	324811(24)	Modern Control System	324732(24)
29	8th	Utilization of Electrical Energy	324812(24)	Electrical Drives	324733(24)
30	8th	Installation Maintenance & Testing of Electrical	324813(24)	Installation Maintenance & Testing of Electrical	324833(24)

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Electrical Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
31	8th	Elective-III : EHV AC & DC Transmission	324871(24)	Elective-III : EHV AC & DC Transmission	324841(24)
32	8th	Elective-III : Flexible AC Transmission System	324872(24)	Elective-III : Flexible AC Transmission System	324842(24)
33	8th	Elective-III : Bio Medical Instrumentation	324873(24)	Elective-III : Bio Medical Instrumentation	324843(24)
34	8th	Elective-III : VLSI Design	324875(24)	Elective-III : VLSI Design	324844(24)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- EEE

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Basic Electronics	328313(28)	Basic Electronics	324353(25)
2	3rd	Electric Circuits	324314(24)	Electric Circuits	325354(25)
3	4th	Digital Electronic Circuits	328414(28)	Digital Electronics and Logic Design	325456(25)
4	4th	Electrical Power System - I	324415(24)	Electrical Power System - I	325454(24)
5	4th	Electrical Measurements & Measuring Instruments	324416(24)	Electrical Measurements & Measuring Instruments	324456(24)
6	4th	Electro Magnetic Fields	324412(24)	Electromagnetic Theory	325452(24)
7	4th	Electrical Network Analysis & Synthesis	324413(24)	Network Analysis & Synthesis	325451(25)
8	5th	Microprocessor & Interfaces	328515(28)	Microprocessor & Peripherals	325551(25)
9	5th	Rotating Electrical Machines	325511(25)	Electrical Machines-II	325555(25)
10	6th	Advanced Microprocessor & Interfacing	328613(28)	Advanced Microprocessors & Peripherals	325653(25)
11	6th	Power System Engineering	325611(25)	Electrical Power System - II	325651(25)
12	6th	Power Electronics	324613(24)	Power Electronics Devices & Circuits	325654(25)
13	6th	Computer Organization & Architecture	328636(28)	Computer Organization & Architecture	325672(25)
14	6th	Testing & Commissioning of Electric Equipments	324635(24)	Testing & Commissioning of Electric Equipments	325673(25)
15	7th	Power System Protection & Switchgear	325712(25)	Switch Gear & Protection	324731(24)
16	7th	Micro Controller & Embedded Systems	328713(28)	Micro Controller & Applications	325734(25)
17	8th	Management Concepts & Techniques	325812(25)	Management Concepts & Techniques	325832(25)
18	8th	Flexible AC Transmission System	324872(24)	Flexible AC Transmission System	324842(24)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- E & I Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Measurement And Instrumentations	327311(27)	Measurement And Instrumentations	327353(27)
2	3rd	Network Analysis And Synthesis	328314(28)	Network Analysis And Synthesis	327354(27)
3	3rd	Programming with C	328316(28)	Programming with C	327355(27)
4	3rd	Basic Electronics	328313(28)	Basic Electronics	327352(27)
5	4th	Applied Electronics - I	327411(27)	Applied Electronics	327452(27)
6	4th	Sensors & Transducers	327412(27)	Sensors & Transducers	327454(27)
7	5th	Signal Conditioning Circuits	327511(27)	Signal Conditioning Circuits	327551(27)
8	5th	Communication Engineering	327513(28)	Communication Engineering	327553(27)
9	5th	Automatic Control System	328516(28)	Control System Engineering	327555(27)
10	6th	Process Dynamics & Control	327611(27)	Process Dynamics & Control	327651(27)
11	6th	Digital Signal Processing	327614(27)	Digital Signal Processing	327654(27)
12	6th	Microelectronic Devices & VLSI Technology	327632(27)	Microelectronic Devices & VLSI Technology	327672(27)
13	6th	Telecommunication Switching & Computer Network	327633(27)	Telecommunication Switching & Computer Network	327673(27)
14	7th	Analytical Instrumentation	327712(27)	Analytical Instrumentation	327732(27)
15	7th	Digital Process Control	327751(27)	Digital Process Control	327741(27)
16	7th	Instrumentation System Reliability	327753(27)	Instrumentation System Reliability	327745(27)
17	7th	Neural Network & Fuzzy Logic Control	327754(27)	Neural Network & Fuzzy Logic Control	327746(27)
18	8th	Optical Instrumentation	327812(27)	Optical Instrumentation	327831(27)
19	8th	Elective-III : Power Plant Instrumentation	327873(27)	Elective-III : Power Plant Instrumentation	327844(27)
20	8th	Elective-III : Operating Systems	327876(28)	Elective-III : Operating Systems	327846(27)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- ET & T Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Applied Mathematics	328311(14)	Applied Mathematics	327351(14)
2	3rd	Numerical Analysis	328312(14)	Numerical Analysis	325352(14)
3	3rd	Basic Electronics	328313(28)	Electronic Devices and Circuits	328353(28)
4	3rd	Network Analysis And Synthesis	328314(28)	Network Analysis And Synthesis	328354(28)
5	4th	Mathematics - IV	328411(14)	Mathematics - IV	327451(14)
6	4th	Analog Electronic Circuits	328413(28)	Analog Electronics	328453(28)
7	4th	Signals & Systems	328415(28)	Signals & Systems	328455(28)
8	5th	Automatic Control System	328516(28)	Automatic Control System	328556(28)
9	7th	Microwave Communication & Engineering	328712(28)	Microwave Communication & Engineering	328731(28)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Information Technology Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Mathematics-III	300311(14)	Mathematics-III	333351(33)
2	3rd	Basic Electronics	328313(28)	Basic Electronics & Network Theory	333353(33)
3	3rd	Fundamentals of IT	333311(33)	Concepts of IT & Web Technology	333354(33)
4	3rd	Problem Solving & Logic Building Using C	322315(22)	Problem Solving & Logic Building Using C	333355(33)
5	3rd	Digital Electronics & Logic Design	333312(33)	Digital Electronics & Logic Design	333356(33)
6	4th	Computational Mathematics	322411(14)	Computational Mathematics	333451(33)
7	4th	Telecom Switching & Computer Networks	333511(33)	Telecom Switching & Computer Networks	333452(33)
8	4th	Computer Organization And Architecture	333512(33)	Computer Organization And Architecture	333456(33)
9	4th	Data Structures	322413(14)	Data Structures	333453(33)
10	4th	Analog Electronic Circuits	328413(28)	Analog Electronic Circuits	333454(28)
11	4th	Object Oriented Concepts & Programming Using C++	322415(22)	Object Oriented Concepts & Programming Using C++	333455(33)
12	5th	Principles of Communication System	322515(28)	Principles of Communication System	333552(33)
13	5th	Operating System	322513(22)	Operating System	333554(33)
14	5th	Introduction to JAVA	333514(33)	Programming in Java	333555(33)
15	5th	Database Management System	333611(33)	Database Management System	333553(33)
16	6th	Information Theory & Coding	333612(33)	Information Theory & Coding	333652(33)
17	6th	Computer Graphics	333615(33)	Computer Graphics	333655(33)
18	6th	Digital Signal Processing	322631(22)	Digital Signal Processing	333671(22)
19	6th	Multimedia & Virtual Reality	333633(33)	Multimedia & Virtual Reality	333673(33)
20	6th	Advanced Computer Networks	333635(33)	Advanced Computer Networks	333675(33)
21	7th	Artificial Intelligence & Expert Systems.	333714(33)	Artificial Intelligence & Expert Systems.	333733(22)
22	7th	Cryptography & Network Security	322755(22)	Cryptography & Network Security	322734(22)
23	7th	Digital Image Processing	322751(22)	Digital Image Processing	322740(22)
24	7th	Advanced Computer Architecture	322752(22)	Advanced Computer Architecture	322741(22)
25	7th	Natural Languages Processing	322757(22)	Natural Languages Processing	322744(22)
26	7th	OODBMS	322758(22)	OODBMS	322745(22)
27	7th	Wireless Networks	322875(22)	Wireless Networks	333749(22)
28	7th	Multimedia and Communications	333753(33)	Multimedia and Communications	333748(33)
29	7th	Data Mining & Warehousing	322812(22)	Data Mining & Warehousing	333731(22)
30	8th	Elective-III : Neural Network & Fuzzy Logic	322871(22)	Elective-III : Neural Network & Fuzzy Logic	322840(22)

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Information Technology Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
31	8th	Elective-III : Distributed Parallel Processing	322872(22)	Elective-III : Distributed Parallel Processing	322841(22)
32	8th	Elective-III : Distributed Multimedia	322873(22)	Elective-III : Distributed Multimedia	322842(22)
33	8th	Elective-III : Decision Support System	322874(22)	Elective-III : Decision Support System	322843(22)
34	8th	Elective-III : Real Time Systems	322876(22)	Elective-III : Real Time Systems	322845(22)
35	8th	Elective-IV : Enterprise Resource Planning	300881(36)	Elective-IV : Enterprise Resource Planning	300851(76)
36	8th	Elective-IV : E-Commerce & Strategic IT	300882(33)	Elective-IV : E-Commerce & Strategic IT	300852(33)
37	8th	Elective-IV : Technology Management	300883(36)	Elective-IV : Technology Management	300854(33)
38	8th	Elective-IV : Decision Support & Executive Information System	300884(33)	Elective-IV : Decision Support & Executive Information System	300854(33)
39	8th	Elective-IV : Software Technology	300885(22)	Elective-IV : Software Technology	300855(22)
40	8th	Elective-IV : Knowledge Entrepreneurship	300886(36)	Elective-IV : Knowledge Entrepreneurship	300856(76)
41	8th	Elective-IV : Finance Management	300887(36)	Elective-IV : Finance Management	300857(76)
42	8th	Elective-IV : Project Planning Management & Evaluation	300888(36)	Elective-IV : Project Planning Management & Evaluation	300858(76)
43	8th	Elective-IV : Safety Engineering	300889(37)	Elective-IV : Safety Engineering	300859(37)
44	8th	Elective-IV : Bio Informatics	300890(22)	Elective-IV : Bio Informatics	300801(22)
45	8th	Elective-IV : Energy Conservation & Management	300891(37)	Elective-IV : Energy Conservation & Management	300802(37)
46	8th	Nanotechnology	300892(47)	Nanotechnology	300803(47)
47	8th	Elective-IV : Intellectual Property Rights	300893(36)	Elective-IV : Intellectual Property Rights	300804(76)
48	8th	Elective-IV : Value Engineering	300894(37)	Elective-IV : Value Engineering	300805(37)
49	8th	Elective-IV : Disaster management	300895(20)	Elective-IV : Disaster management	300806(20)
50	8th	Elective-IV : Construction Management	300896(20)	Elective-IV : Construction Management	300807(20)
51	8th	Elective-IV : Ecology and Sustainable Development	300897(20)	Elective-IV : Ecology and Sustainable Development	300808(20)
52	8th	Elective-IV : Non Conventional Energy Sources	300898(19)	Elective-IV : Non Conventional Energy Sources	300809(19)
53	8th	Elective-IV : Energy Auditing and Management	300899(24)	Elective-IV : Energy Auditing and Management	300810(24)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Information Technology Engineering

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Mechanical Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	1st & 2nd	Engineering Graphics	300211(37)	Engineering Graphics	300211(37)
2	3rd	Material Science	337313(37)	Material Science & Metallurgy	337353(37)
3	3rd	Mechanics of Solids-I	337314(37)	Mechanics of Solids-I	337354(37)
4	4th	Mechanics Of Solids - II	337412(37)	Mechanics Of Solids - II	337452(37)
5	4th	Kinematics Of Machines	337414(37)	Kinematics Of Machines	337454(37)
6	5th	Machine Design-I	337511(37)	Machine Design-I	337551(37)
7	5th	Dynamics of Machines	337513(37)	Dynamics of Machines	337553(37)
8	5th	Fluid Machinery	337514(37)	Fluid Machinery	337554(37)
9	5th	Manufacturing Science - II	337515(37)	Manufacturing Science - II	337555(37)
10	6th	Machine Design - II	337611(37)	Machine Design - II	337651(37)
11	6th	Energy Conversion Systems	337613(37)	Energy Conversion Systems	337652(37)
12	6th	Engineering Economics	337633(37)	Engineering Economics	337673(37)
13	6th	Power Plant Engineering	337635(37)	Power Plant Engineering	337675(37)
14	6th	Maintenance & Reliability	337636(37)	Maintenance & Reliability	337676(37)
15	7th	Automobile Engg.	337711(37)	Automobile Engg.	337731(37)
16	7th	Computer Aided Design & Manufacturing	337713(37)	Computer Aided Design & Manufacturing	337733(37)
17	7th	Quality Control & Total Quality Management	337751(37)	Quality Control & Total Quality Management	337741(37)
18	7th	Numerical Control of Machine Tools	337755(37)	Numerical Control of Machine Tools	337745(37)
19	8th	Robotics	337811(37)	Robotics	337831(37)
20	8th	Mechatronics	337871(37)	Mechatronics	337841(37)
21	8th	Vibration & Noise Control	337872(37)	Vibration & Noise Control	337842(37)
22	8th	Optimization Techniques	337873(37)	Optimization Techniques	337843(37)
23	8th	Environmental Pollution & Control	337876(37)	Environmental Pollution & Control	337846(37)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Information Technology Engineering

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Metallurgical Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Geology of Minerals/ Ore Dressing	338313(13)/ 338315(38)	Geology of Minerals & Ore Dressing	338353(38)
2	3rd	Chemical Characterization of Materials	338314(11)	Chemical Characterization of Materials	338354(38)
3	4th	Numerical Analysis	338412(14)	Numerical Analysis	338451(14)
4	4th	Testing Of Materials	338413(38)	Testing Of Materials	338453(38)
5	4th	Testing Of Materials	338411(24)	Testing Of Materials	338452(38)
6	5th	Industrial Pollution and Control	338512(38)	Industrial Pollution and Control	338552(38)
7	5th	Mechanical Working Processes	338514(38)	Mechanical Working Processes	338554(38)
8	5th	Transport Phenomenon in Metallurgical Process	338515(38)	Transport Phenomenon in Metallurgical Process	338551(38)
9	6th	Theory & Technology of Heat Treatment	338612(38)	Theory & Technology of Heat Treatment	338652(38)
10	6th	Computer Programming & Applications in Metallurgical	338613(38)	Computer Programming & Applications in Metallurgical	338653(38)
11	6th	Industrial Metallurgy	338614(38)	Metal Joining Processes	338654(38)
12	7th	Electrometallurgy & Corrosion	338713(38)	Electrometallurgy & Corrosion	338733(38)
13	7th	Alloys Their Properties & Selection	338714(38)	Alloys Their Properties & Selection	338734(38)
14	7th	Computer Application in Metallurgical Industries	338751(38)	Computer Application in Metallurgical Industries	338742(38)
15	8th	Experimental Techniques in Metallurgy	338813(38)	Experimental Techniques in Metallurgy	338833(38)
16	8th	Powder Metallurgy & Ceramics	338871(38)	Powder Metallurgy & Ceramics	338841(38)
17	8th	Light Metals	338872(38)	Light Metals	338842(38)



Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Information Technology Engineering

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Mining Engineering

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	3rd	Mining Geology-I	339313(39)	Mining Geology-I	339354(39)
2	3rd	Mine Surveying-I	339314(39)	Mine Surveying-I	339355(39)
3	3rd	Introduction to Mining	339316(39)	Mine Development	339356(39)
4	4th	Engineering Materials	339412(39)	Engineering Materials	339452(39)
5	4th	Mining Geology - II	339414(39)	Mining Geology - II	339454(39)
6	4th	Underground Coal Mining	339415(39)	Underground Coal Mining	339455(39)
7	4th	Underground Coal Mining	339415(39)	Underground Coal Mining	339455(39)
8	5th	Mine Survey - II	339512(39)	Mine Survey - II	339552(39)
9	5th	Mine Legislation - I	339513(39)	Mine Legislation - I	339553(39)
10	5th	Under Ground Metal Mining	339514(39)	Under Ground Metal Mining	339554(39)
11	5th	Surface Mining - I	339515(39)	Surface Mining - I	339555(39)
12	5th	Mine Machinery - I	339516(39)	Mine Machinery - I	339556(39)
13	6th	Blasting Engg.	339611(39)	Blasting Engg.	339651(39)
14	6th	Mine Machinery - II	339613(39)	Mine Machinery - II	339653(39)
15	6th	Mine Legislation - II	339614(39)	Mine Legislation - II	339654(39)
16	6th	Mineral Dressing	339615(39)	Mineral Dressing	339655(39)
17	6th	Mine Management	339631(39)	Mine Management	339671(39)
18	6th	Small Scale & Dimensional Stone Mining	339632(39)	Small Scale & Dimensional Stone Mining	339672(39)
19	7th	Mine Economics	339711(39)	Mine Economics	339731(39)
20	7th	Mine Surveying - III	339712(39)	Mine Surveying - III	339732(39)
21	7th	Rock Mechanics	339713(39)	Rock Mechanics	339733(39)
22	7th	Mine Environment - III	339714(39)	Mine Fires and hazards	339734(39)
23	7th	Mine Planning	339751(39)	Mine Planning	339741(39)
24	7th	Industrial Engg.	339752(39)	Industrial Engg.	339742(39)
25	8th	Mining Machinery- III	339812(39)	Mining Machinery- III	339831(39)
26	8th	Pollution Control in Mining	339811(39)	Pollution Control in Mining	339832(39)
27	8th	Strata Control	339813(39)	Strata Control	339833(39)
28	8th	Elective-III: Surface Mining-II	339871(39)	Elective-III: Surface Mining-II	339841(39)

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Information Technology Engineering

Equivalency of Subjects of BE Courses (Old & New Scheme)

Branch :- Applied Sciences

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	1st & 2nd	Environment & Ecology	300212(11)	Environment & Ecology	300212(20)
2	1st & 2nd	Applied Physics-I & Applied Physics-II	300113(15) 300213(15)	Applied Physics (New)	300218(15)
3	1st & 2nd	Applied Mathematics-I	300114(14)	Applied Mathematics-I	300114(14)
4	1st & 2nd	Applied Mathematics-II	300214(14)	Applied Mathematics-II	300214(14)



Equivalancy of Subjects of MCA Courses (Old & New Scheme)

Master of Computer Applications

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	1st	Information Technology	521111(21)	Information Technology	521152(21)
2	1st	Programming & Problem Solving In C	521113(21)	Programming & Problem Solving In C	521153(21)
3	1st	Computer Organization & Architecture	521114(21)	Computer Organization & Architecture	521154(21)
4	2nd	Operating System	521211(21)	Operating System	521251(21)
5	2nd	Database Management System	521212(21)	Database Management System	521252(21)
6	2nd	Data Structure	521213(21)	Data Structure	521253(21)
7	3rd	Computer Networks & Communication	521311(21)	Computer Networks & Communication	521351(21)
8	3rd	Formal Languages & Automata Theory	521313(21)	Formal Languages & Automata Theory	521353(21)
9	3rd	Object Oriented Methodology & C++	521315(21)	Object Oriented Methodology & C++	521355(21)
10	4th	Artificial Intelligence And Expert System	521411(21)	Artificial Intelligence And Expert System	521451(21)
11	4th	Compiler Design	521412(21)	Compiler Design	521452(21)
12	4th	Neural Network & Fuzzy Logic	521431(21)	Neural Network & Fuzzy Logic	521471(21)
13	4th	Logic & Functional programming	521432(21)	Logic & Functional programming	521472(21)
14	4th	Elective-I: Network Programming	521433(21)	Elective-I: Network Programming	521473(21)
15	4th	Modeling & Simulation	521434(21)	Modeling & Simulation	521474(21)
16	4th	Elective-I: Design & Analysis of Algorithms	521435(21)	Elective-I: Design & Analysis of Algorithms	521475(21)
17	5th	Computer Graphics and Multimedia	521512(21)	Computer Graphics and Multimedia	521552(21)
18	5th	Data Warehousing and Mining	521541(21)	Data Warehousing and Mining	521581(21)
19	5th	Natural Language Processing	521542(21)	Natural Language Processing	521582(21)
20	5th	Distributed Database	521544(21)	Distributed Database	521584(21)
21	5th	Robotics & Computer Vision	521545(21)	Robotics & Computer Vision	521585(21)
22	5th	Parallel Processing	521546(21)	Parallel Processing	521586(21)



Equivalancy of Subjects of B. Pharmacy Courses (Old & New Scheme)

Bachelor of Pharmacy

Sr. No.	Semester	Subject Name (Old)	Subject Code (Old)	Subject Name (New)	Subject Code (New)
1	1st	Pharmaceutics-I	341113(41)	Pharmaceutics-I	341116(41)
2	1st	Pharmaceutical Chemistry-II	341115(41)	Pharmaceutical Chemistry-I	341117(41)
3	2nd	Advance Mathematics	341211(41)	Mathematics	341331(41)
4	2nd	Pharmaceutics (Physical Pharmacy)	341212(41)	Pharmaceutical Chemistry-IV	341316(41)
5	2nd	Pharmaceutical Chemistry-III	341213(41)	Pharmaceutical Chemistry-III	341219(41)
6	2nd	Pharmacognosy	341214(41)	Pharmacognosy-II	341319(41)
7	2nd	A.P.H.E.-I	341215(41)	A.P.H.E.-II	341217(41)
8	3rd	Pharmaceutics-III (Pharmaceutical Engineering-I)	341311(41)	Pharmaceutics -VI (Pharmaceutical Engineering- I)	341417(41)
9	4th	Pharmaceutics - V (Pharmaceutical Engineering-II)	341411(41)	Pharmaceutics -VII (Pharmaceutical Engineering- II)	341516(41)
10	4th	Pharmaceutical Analysis - I	341413(41)	Pharmaceutical Analysis II	341619(41)
11	4th	Pharmaceutical Biotechnology	341414(41)	Pharmaceutical Biotechnology	341610(41)
12	4th	Pharmaceutical Microbiology	341415(41)	Pharmaceutical Microbiology	341410(41)
13	5th	Pharmaceutics - VII (Cosmetic Technology)	341511(41)	Pharmaceutics VIII (Cosmetic technology)	341510(41)
14	5th	Pharmaceutical Chemistry V (Biochemistry)	341512(41)	Pharmaceutical Biochemistry	341419(41)
15	5th	Pharmacology - I	341515(41)	Pharmacology-I	341519(41)
16	6th	Pharmaceutical Analysis II	341612(41)	Pharmaceutical Analysis- III (Instrumental)	341816(41)
17	6th	Pharmaceutical Chemistry VII (Medicinal Chemistry-II)	341613(41)	Medicinal Chemistry -II	341617(41)
18	7th	Pharmaceutics IX (Pharmaceutical Technology I)	341711(41)	Pharmaceutics -IX (Pharmaceutical Technology- I)	341616(41)
19	7th	Pharmaceutics X (Pharmaceutical Jurisprudence)	341712(41)	Pharmaceutics- XIII (Pharmaceutical Jurisprudence)	341819(41)
20	7th	Pharmaceutical Chemistry VIII (Medicinal Chemistry-III)	341713(41)	Medicinal Chemistry- III	341718(41)
21	8th	Pharmaceutics XI (Pharmaceutical Technology II)	341811(41)	Pharmaceutics-XII (Pharmaceutical Technology -III)	341815(41)
22	8th	Pharmaceutics XII (Bio-pharmaceutics and	341812(41)	Pharmaceutics-XI (Biopharmaceutics &	341717(41)
23	8th	Pharmaceutical Analysis III	341813(41)	Pharmaceutical Analysis- IV (Quality Assurance and Drug Regulatory Affairs)	341817(41)

