



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech I Semester (R16) Regular/Supplementary Examinations Nov/Dec-2018

College name: JNTU KAKINADA UNIVERSITY COLLEGE OF ENGINEERING, VIZIANAGARAM:VV

Htno	Subcode	Subname	Grade	Credits
15VV1A0210	R1631021	POWER SYSTEMS - II	F	0
15VV1A0210	R1631022	RENEWABLE ENERGY SOURCES	C	3
15VV1A0210	R1631023	SIGNALS AND SYSTEMS	F	0
15VV1A0210	R1631024	PULSE & DIGITAL CIRCUITS	F	0
15VV1A0210	R1631025	POWER ELECTRONICS	F	0
15VV1A0210	R1631026	ELECTRICAL MACHINES - II LABORATORY	D	2
15VV1A0210	R1631027	CONTROL SYSTEMS LABORATORY	C	2
15VV1A0210	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
15VV1A0230	P1631029	MANGERIAL ECONOMICS FINANCIAL ANALYSIS	C	3
15VV1A0230	R1631021	POWER SYSTEMS - II	D	3
15VV1A0230	R1631022	RENEWABLE ENERGY SOURCES	C	3
15VV1A0230	R1631023	SIGNALS AND SYSTEMS	F	0
15VV1A0230	R1631025	POWER ELECTRONICS	F	0
15VV1A0230	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
15VV1A0230	R1631027	CONTROL SYSTEMS LABORATORY	C	2
15VV1A0230	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
15VV1A1201	P1631126	SOFTWARE ENGINEERING	D	3
15VV1A1201	R1631052	UNIX AND SHELL PROGRAMMING	F	0
15VV1A1201	R1631054	DATABASE MANAGEMENT SYSTEMS	F	0
15VV1A1201	R1631055	OPERATING SYSTEMS	F	0
15VV1A1201	R1631121	HUMAN COMPUTER INTERACTION	D	3
15VV1A1201	R1631122	ADVANCED JAVA PROGRAMMING	F	0
15VV1A1201	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
15VV1A1201	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
15VV1A1201	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
15VV5A0568	R1631051	COMPILER DESIGN	S	3
15VV5A0568	R1631052	UNIX PROGRAMMING	C	3
15VV5A0568	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
15VV5A0568	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
15VV5A0568	R1631055	OPERATING SYSTEMS	D	3
15VV5A0568	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
15VV5A0568	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
15VV5A0568	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0101	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0101	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0101	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0101	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0101	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0101	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0101	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0101	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0102	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0102	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0102	R1631013	STRUCTURAL ANALYSIS - II	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0102	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0102	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0102	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0102	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0102	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0103	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0103	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0103	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0103	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	B	3
16VV1A0103	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0103	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0103	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0103	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0104	R1631011	MANAGEMENT SCIENCE	B	3
16VV1A0104	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0104	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0104	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	B	3
16VV1A0104	R1631015	TRANSPORTATION ENGINEERING - II	C	3
16VV1A0104	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0104	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0104	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0105	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0105	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0105	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0105	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0105	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0105	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0105	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0105	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0106	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0106	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0106	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0106	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0106	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0106	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0106	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0106	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0107	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0107	R1631012	ENGINEERING GEOLOGY	C	3
16VV1A0107	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0107	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0107	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0107	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0107	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0107	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0108	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0108	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0108	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0108	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0108	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0108	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0108	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0108	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0109	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0109	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0109	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0109	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	B	3
16VV1A0109	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0109	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0109	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0109	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0110	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0110	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0110	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0110	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0110	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0110	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0110	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0110	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0111	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0111	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0111	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0111	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	O	3
16VV1A0111	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0111	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0111	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0111	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0112	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0112	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0112	R1631013	STRUCTURAL ANALYSIS - II	C	3
16VV1A0112	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0112	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0112	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0112	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0112	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0113	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0113	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0113	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0113	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0113	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0113	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0113	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0113	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0114	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0114	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0114	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0114	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0114	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0114	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0114	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0114	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0115	R1631011	MANAGEMENT SCIENCE	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0115	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0115	R1631013	STRUCTURAL ANALYSIS - II	C	3
16VV1A0115	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0115	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0115	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0115	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0115	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0117	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0117	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0117	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0117	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	B	3
16VV1A0117	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0117	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0117	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0117	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0118	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0118	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0118	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0118	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0118	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0118	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0118	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0118	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0119	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0119	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0119	R1631013	STRUCTURAL ANALYSIS - II	S	3
16VV1A0119	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0119	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0119	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0119	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0119	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0120	R1631011	MANAGEMENT SCIENCE	B	3
16VV1A0120	R1631012	ENGINEERING GEOLOGY	C	3
16VV1A0120	R1631013	STRUCTURAL ANALYSIS - II	C	3
16VV1A0120	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	C	3
16VV1A0120	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0120	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0120	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0120	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0121	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0121	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0121	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0121	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0121	R1631015	TRANSPORTATION ENGINEERING - II	B	3
16VV1A0121	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0121	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0121	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0122	R1631011	MANAGEMENT SCIENCE	C	3
16VV1A0122	R1631012	ENGINEERING GEOLOGY	C	3
16VV1A0122	R1631013	STRUCTURAL ANALYSIS - II	C	3
16VV1A0122	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0122	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0122	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0122	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0122	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0123	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0123	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0123	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0123	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0123	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0123	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
16VV1A0123	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0123	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0124	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0124	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0124	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0124	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	B	3
16VV1A0124	R1631015	TRANSPORTATION ENGINEERING - II	A	3
16VV1A0124	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0124	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0124	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0125	R1631011	MANAGEMENT SCIENCE	B	3
16VV1A0125	R1631012	ENGINEERING GEOLOGY	B	3
16VV1A0125	R1631013	STRUCTURAL ANALYSIS - II	D	3
16VV1A0125	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	B	3
16VV1A0125	R1631015	TRANSPORTATION ENGINEERING - II	B	3
16VV1A0125	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0125	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0125	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0126	R1631011	MANAGEMENT SCIENCE	A	3
16VV1A0126	R1631012	ENGINEERING GEOLOGY	A	3
16VV1A0126	R1631013	STRUCTURAL ANALYSIS - II	A	3
16VV1A0126	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	O	3
16VV1A0126	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0126	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0126	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0126	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0127	R1631011	MANAGEMENT SCIENCE	B	3
16VV1A0127	R1631012	ENGINEERING GEOLOGY	C	3
16VV1A0127	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0127	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	C	3
16VV1A0127	R1631015	TRANSPORTATION ENGINEERING - II	B	3
16VV1A0127	R1631016	CONCRETE TECHNOLOGY LABORATORY	A	2
16VV1A0127	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0127	R1631018	TRANSPORTATION ENGINEERING LABORATORY	S	2
16VV1A0128	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0128	R1631012	ENGINEERING GEOLOGY	C	3
16VV1A0128	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0128	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
16VV1A0128	R1631015	TRANSPORTATION ENGINEERING - II	B	3
16VV1A0128	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0128	R1631017	GEOLOGY LABORATORY	O	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0128	R1631018	TRANSPORTATION ENGINEERING LABORATORY	S	2
16VV1A0129	R1631011	MANAGEMENT SCIENCE	S	3
16VV1A0129	R1631012	ENGINEERING GEOLOGY	S	3
16VV1A0129	R1631013	STRUCTURAL ANALYSIS - II	B	3
16VV1A0129	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
16VV1A0129	R1631015	TRANSPORTATION ENGINEERING - II	S	3
16VV1A0129	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
16VV1A0129	R1631017	GEOLOGY LABORATORY	O	2
16VV1A0129	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
16VV1A0201	R1631021	POWER SYSTEMS - II	A	3
16VV1A0201	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0201	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0201	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0201	R1631025	POWER ELECTRONICS	B	3
16VV1A0201	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0201	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0201	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0202	R1631021	POWER SYSTEMS - II	A	3
16VV1A0202	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0202	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0202	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0202	R1631025	POWER ELECTRONICS	B	3
16VV1A0202	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0202	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0202	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0203	R1631021	POWER SYSTEMS - II	C	3
16VV1A0203	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0203	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0203	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0203	R1631025	POWER ELECTRONICS	B	3
16VV1A0203	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0203	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0203	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0204	R1631021	POWER SYSTEMS - II	C	3
16VV1A0204	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0204	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0204	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0204	R1631025	POWER ELECTRONICS	C	3
16VV1A0204	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0204	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0204	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
16VV1A0205	R1631021	POWER SYSTEMS - II	F	0
16VV1A0205	R1631022	RENEWABLE ENERGY SOURCES	F	0
16VV1A0205	R1631023	SIGNALS AND SYSTEMS	F	0
16VV1A0205	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0205	R1631025	POWER ELECTRONICS	F	0
16VV1A0205	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0205	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0205	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0206	R1631021	POWER SYSTEMS - II	C	3
16VV1A0206	R1631022	RENEWABLE ENERGY SOURCES	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0206	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0206	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0206	R1631025	POWER ELECTRONICS	D	3
16VV1A0206	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0206	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0206	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0207	R1631021	POWER SYSTEMS - II	S	3
16VV1A0207	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0207	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0207	R1631024	PULSE & DIGITAL CIRCUITS	O	3
16VV1A0207	R1631025	POWER ELECTRONICS	S	3
16VV1A0207	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
16VV1A0207	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0207	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0208	R1631021	POWER SYSTEMS - II	C	3
16VV1A0208	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0208	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0208	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0208	R1631025	POWER ELECTRONICS	C	3
16VV1A0208	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0208	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0208	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
16VV1A0209	R1631021	POWER SYSTEMS - II	A	3
16VV1A0209	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0209	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0209	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0209	R1631025	POWER ELECTRONICS	C	3
16VV1A0209	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0209	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0209	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0210	R1631021	POWER SYSTEMS - II	C	3
16VV1A0210	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0210	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0210	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0210	R1631025	POWER ELECTRONICS	D	3
16VV1A0210	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0210	R1631027	CONTROL SYSTEMS LABORATORY	C	2
16VV1A0210	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	D	2
16VV1A0211	R1631021	POWER SYSTEMS - II	B	3
16VV1A0211	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0211	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0211	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0211	R1631025	POWER ELECTRONICS	A	3
16VV1A0211	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0211	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0211	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
16VV1A0212	R1631021	POWER SYSTEMS - II	B	3
16VV1A0212	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0212	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0212	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0212	R1631025	POWER ELECTRONICS	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0212	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0212	R1631027	CONTROL SYSTEMS LABORATORY	C	2
16VV1A0212	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0213	R1631021	POWER SYSTEMS - II	F	0
16VV1A0213	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0213	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0213	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0213	R1631025	POWER ELECTRONICS	D	3
16VV1A0213	R1631026	ELECTRICAL MACHINES - II LABORATORY	C	2
16VV1A0213	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0213	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
16VV1A0214	R1631021	POWER SYSTEMS - II	S	3
16VV1A0214	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0214	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0214	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0214	R1631025	POWER ELECTRONICS	C	3
16VV1A0214	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0214	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0214	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	O	2
16VV1A0215	R1631021	POWER SYSTEMS - II	B	3
16VV1A0215	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0215	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0215	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0215	R1631025	POWER ELECTRONICS	A	3
16VV1A0215	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
16VV1A0215	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0215	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0216	R1631021	POWER SYSTEMS - II	D	3
16VV1A0216	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0216	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0216	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0216	R1631025	POWER ELECTRONICS	D	3
16VV1A0216	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0216	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0216	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0217	R1631021	POWER SYSTEMS - II	D	3
16VV1A0217	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0217	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0217	R1631024	PULSE & DIGITAL CIRCUITS	D	3
16VV1A0217	R1631025	POWER ELECTRONICS	F	0
16VV1A0217	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0217	R1631027	CONTROL SYSTEMS LABORATORY	D	2
16VV1A0217	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	D	2
16VV1A0218	R1631021	POWER SYSTEMS - II	D	3
16VV1A0218	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0218	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0218	R1631024	PULSE & DIGITAL CIRCUITS	D	3
16VV1A0218	R1631025	POWER ELECTRONICS	D	3
16VV1A0218	R1631026	ELECTRICAL MACHINES - II LABORATORY	C	2
16VV1A0218	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0218	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	D	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0219	R1631021	POWER SYSTEMS - II	D	3
16VV1A0219	R1631022	RENEWABLE ENERGY SOURCES	C	3
16VV1A0219	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0219	R1631024	PULSE & DIGITAL CIRCUITS	F	0
16VV1A0219	R1631025	POWER ELECTRONICS	F	0
16VV1A0219	R1631026	ELECTRICAL MACHINES - II LABORATORY	C	2
16VV1A0219	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0219	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0220	R1631021	POWER SYSTEMS - II	A	3
16VV1A0220	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0220	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0220	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0220	R1631025	POWER ELECTRONICS	S	3
16VV1A0220	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0220	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0220	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0221	R1631021	POWER SYSTEMS - II	F	0
16VV1A0221	R1631022	RENEWABLE ENERGY SOURCES	C	3
16VV1A0221	R1631023	SIGNALS AND SYSTEMS	D	3
16VV1A0221	R1631024	PULSE & DIGITAL CIRCUITS	D	3
16VV1A0221	R1631025	POWER ELECTRONICS	D	3
16VV1A0221	R1631026	ELECTRICAL MACHINES - II LABORATORY	C	2
16VV1A0221	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0221	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
16VV1A0223	R1631021	POWER SYSTEMS - II	C	3
16VV1A0223	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0223	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0223	R1631024	PULSE & DIGITAL CIRCUITS	D	3
16VV1A0223	R1631025	POWER ELECTRONICS	D	3
16VV1A0223	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0223	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0223	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0224	R1631021	POWER SYSTEMS - II	B	3
16VV1A0224	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0224	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0224	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0224	R1631025	POWER ELECTRONICS	C	3
16VV1A0224	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0224	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0224	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
16VV1A0225	R1631021	POWER SYSTEMS - II	B	3
16VV1A0225	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0225	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0225	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0225	R1631025	POWER ELECTRONICS	D	3
16VV1A0225	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0225	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0225	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0226	R1631021	POWER SYSTEMS - II	C	3
16VV1A0226	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0226	R1631023	SIGNALS AND SYSTEMS	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0226	R1631024	PULSE & DIGITAL CIRCUITS	D	3
16VV1A0226	R1631025	POWER ELECTRONICS	D	3
16VV1A0226	R1631026	ELECTRICAL MACHINES - II LABORATORY	D	2
16VV1A0226	R1631027	CONTROL SYSTEMS LABORATORY	C	2
16VV1A0226	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
16VV1A0227	R1631021	POWER SYSTEMS - II	A	3
16VV1A0227	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0227	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0227	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0227	R1631025	POWER ELECTRONICS	B	3
16VV1A0227	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0227	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0227	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0228	R1631021	POWER SYSTEMS - II	C	3
16VV1A0228	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0228	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0228	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0228	R1631025	POWER ELECTRONICS	D	3
16VV1A0228	R1631026	ELECTRICAL MACHINES - II LABORATORY	C	2
16VV1A0228	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0228	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
16VV1A0229	R1631021	POWER SYSTEMS - II	F	0
16VV1A0229	R1631022	RENEWABLE ENERGY SOURCES	F	0
16VV1A0229	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0229	R1631024	PULSE & DIGITAL CIRCUITS	F	0
16VV1A0229	R1631025	POWER ELECTRONICS	F	0
16VV1A0229	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0229	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0229	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
16VV1A0230	R1631021	POWER SYSTEMS - II	B	3
16VV1A0230	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0230	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0230	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0230	R1631025	POWER ELECTRONICS	D	3
16VV1A0230	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0230	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0230	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0231	R1631021	POWER SYSTEMS - II	F	0
16VV1A0231	R1631022	RENEWABLE ENERGY SOURCES	F	0
16VV1A0231	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0231	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0231	R1631025	POWER ELECTRONICS	F	0
16VV1A0231	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0231	R1631027	CONTROL SYSTEMS LABORATORY	C	2
16VV1A0231	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	D	2
16VV1A0232	R1631021	POWER SYSTEMS - II	C	3
16VV1A0232	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0232	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0232	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0232	R1631025	POWER ELECTRONICS	C	3
16VV1A0232	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0232	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0232	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0233	R1631021	POWER SYSTEMS - II	C	3
16VV1A0233	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0233	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0233	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0233	R1631025	POWER ELECTRONICS	A	3
16VV1A0233	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0233	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0233	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0234	R1631021	POWER SYSTEMS - II	A	3
16VV1A0234	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0234	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0234	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0234	R1631025	POWER ELECTRONICS	B	3
16VV1A0234	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0234	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0234	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0235	R1631021	POWER SYSTEMS - II	B	3
16VV1A0235	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0235	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0235	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0235	R1631025	POWER ELECTRONICS	B	3
16VV1A0235	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0235	R1631027	CONTROL SYSTEMS LABORATORY	O	2
16VV1A0235	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0236	R1631021	POWER SYSTEMS - II	B	3
16VV1A0236	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0236	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0236	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0236	R1631025	POWER ELECTRONICS	C	3
16VV1A0236	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0236	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0236	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0237	R1631021	POWER SYSTEMS - II	F	0
16VV1A0237	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0237	R1631023	SIGNALS AND SYSTEMS	D	3
16VV1A0237	R1631024	PULSE & DIGITAL CIRCUITS	F	0
16VV1A0237	R1631025	POWER ELECTRONICS	F	0
16VV1A0237	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0237	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0237	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
16VV1A0238	R1631021	POWER SYSTEMS - II	D	3
16VV1A0238	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0238	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0238	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0238	R1631025	POWER ELECTRONICS	F	0
16VV1A0238	R1631026	ELECTRICAL MACHINES - II LABORATORY	C	2
16VV1A0238	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0238	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0239	R1631021	POWER SYSTEMS - II	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0239	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0239	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0239	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0239	R1631025	POWER ELECTRONICS	S	3
16VV1A0239	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
16VV1A0239	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0239	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0240	R1631021	POWER SYSTEMS - II	C	3
16VV1A0240	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0240	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0240	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0240	R1631025	POWER ELECTRONICS	B	3
16VV1A0240	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0240	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0240	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0241	R1631021	POWER SYSTEMS - II	A	3
16VV1A0241	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0241	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0241	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0241	R1631025	POWER ELECTRONICS	S	3
16VV1A0241	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
16VV1A0241	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0241	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	O	2
16VV1A0242	R1631021	POWER SYSTEMS - II	B	3
16VV1A0242	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0242	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0242	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0242	R1631025	POWER ELECTRONICS	C	3
16VV1A0242	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0242	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0242	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0244	R1631021	POWER SYSTEMS - II	C	3
16VV1A0244	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0244	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0244	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0244	R1631025	POWER ELECTRONICS	B	3
16VV1A0244	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0244	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0244	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
16VV1A0245	R1631021	POWER SYSTEMS - II	C	3
16VV1A0245	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0245	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0245	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0245	R1631025	POWER ELECTRONICS	B	3
16VV1A0245	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0245	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0245	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0246	R1631021	POWER SYSTEMS - II	B	3
16VV1A0246	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0246	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0246	R1631024	PULSE & DIGITAL CIRCUITS	S	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0246	R1631025	POWER ELECTRONICS	A	3
16VV1A0246	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0246	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0246	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0247	R1631021	POWER SYSTEMS - II	D	3
16VV1A0247	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0247	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0247	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0247	R1631025	POWER ELECTRONICS	D	3
16VV1A0247	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0247	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0247	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0248	R1631021	POWER SYSTEMS - II	C	3
16VV1A0248	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0248	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0248	R1631024	PULSE & DIGITAL CIRCUITS	B	3
16VV1A0248	R1631025	POWER ELECTRONICS	B	3
16VV1A0248	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0248	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0248	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	O	2
16VV1A0249	R1631021	POWER SYSTEMS - II	S	3
16VV1A0249	R1631022	RENEWABLE ENERGY SOURCES	S	3
16VV1A0249	R1631023	SIGNALS AND SYSTEMS	O	3
16VV1A0249	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0249	R1631025	POWER ELECTRONICS	S	3
16VV1A0249	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
16VV1A0249	R1631027	CONTROL SYSTEMS LABORATORY	S	2
16VV1A0249	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
16VV1A0250	R1631021	POWER SYSTEMS - II	A	3
16VV1A0250	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0250	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0250	R1631024	PULSE & DIGITAL CIRCUITS	A	3
16VV1A0250	R1631025	POWER ELECTRONICS	B	3
16VV1A0250	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0250	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0250	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	O	2
16VV1A0251	R1631021	POWER SYSTEMS - II	D	3
16VV1A0251	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0251	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0251	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0251	R1631025	POWER ELECTRONICS	D	3
16VV1A0251	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
16VV1A0251	R1631027	CONTROL SYSTEMS LABORATORY	C	2
16VV1A0251	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	F	0
16VV1A0252	R1631021	POWER SYSTEMS - II	D	3
16VV1A0252	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0252	R1631023	SIGNALS AND SYSTEMS	C	3
16VV1A0252	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0252	R1631025	POWER ELECTRONICS	C	3
16VV1A0252	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0252	R1631027	CONTROL SYSTEMS LABORATORY	A	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0252	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0253	R1631021	POWER SYSTEMS - II	B	3
16VV1A0253	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0253	R1631023	SIGNALS AND SYSTEMS	S	3
16VV1A0253	R1631024	PULSE & DIGITAL CIRCUITS	S	3
16VV1A0253	R1631025	POWER ELECTRONICS	A	3
16VV1A0253	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0253	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0253	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	D	2
16VV1A0254	R1631021	POWER SYSTEMS - II	D	3
16VV1A0254	R1631022	RENEWABLE ENERGY SOURCES	A	3
16VV1A0254	R1631023	SIGNALS AND SYSTEMS	A	3
16VV1A0254	R1631024	PULSE & DIGITAL CIRCUITS	C	3
16VV1A0254	R1631025	POWER ELECTRONICS	D	3
16VV1A0254	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
16VV1A0254	R1631027	CONTROL SYSTEMS LABORATORY	B	2
16VV1A0254	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
16VV1A0255	R1631021	POWER SYSTEMS - II	C	3
16VV1A0255	R1631022	RENEWABLE ENERGY SOURCES	B	3
16VV1A0255	R1631023	SIGNALS AND SYSTEMS	B	3
16VV1A0255	R1631024	PULSE & DIGITAL CIRCUITS	D	3
16VV1A0255	R1631025	POWER ELECTRONICS	D	3
16VV1A0255	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
16VV1A0255	R1631027	CONTROL SYSTEMS LABORATORY	A	2
16VV1A0255	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
16VV1A0301	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0301	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0301	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0301	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0301	R1631035	THERMAL ENGINEERING - II	A	3
16VV1A0301	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0301	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0301	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0302	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0302	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0302	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0302	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0302	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0302	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0302	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0302	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0303	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0303	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0303	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0303	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0303	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0303	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0303	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0303	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0305	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0305	R1631032	METAL CUTTING & MACHINE TOOLS	D	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0305	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0305	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0305	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0305	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0305	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0305	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0306	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0306	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0306	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0306	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0306	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0306	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0306	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0306	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0307	R1631031	DYNAMICS OF MACHINERY	D	3
16VV1A0307	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0307	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0307	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0307	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0307	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0307	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0307	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0308	R1631031	DYNAMICS OF MACHINERY	D	3
16VV1A0308	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0308	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0308	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0308	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0308	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0308	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0308	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0309	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0309	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0309	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0309	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0309	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0309	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0309	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0309	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0310	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0310	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0310	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0310	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0310	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0310	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0310	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0310	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0311	R1631031	DYNAMICS OF MACHINERY	A	3
16VV1A0311	R1631032	METAL CUTTING & MACHINE TOOLS	A	3
16VV1A0311	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	A	3
16VV1A0311	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0311	R1631035	THERMAL ENGINEERING - II	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0311	R1631036	THEORY OF MACHINES LABORATORY	O	2
16VV1A0311	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0311	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0312	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0312	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0312	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0312	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0312	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0312	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0312	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0312	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0313	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0313	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0313	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0313	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0313	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0313	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0313	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0313	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0314	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0314	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0314	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0314	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0314	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0314	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0314	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0314	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0315	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0315	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0315	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	D	3
16VV1A0315	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0315	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0315	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0315	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0315	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0316	R1631031	DYNAMICS OF MACHINERY	A	3
16VV1A0316	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0316	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0316	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0316	R1631035	THERMAL ENGINEERING - II	S	3
16VV1A0316	R1631036	THEORY OF MACHINES LABORATORY	O	2
16VV1A0316	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0316	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0317	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0317	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0317	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0317	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0317	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0317	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0317	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0317	R1631038	THERMAL ENGINEERING LABORATORY	A	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0318	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0318	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0318	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0318	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0318	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0318	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0318	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0318	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0319	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0319	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0319	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0319	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0319	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0319	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0319	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0319	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0320	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0320	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0320	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0320	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0320	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0320	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0320	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0320	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0321	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0321	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0321	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0321	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0321	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0321	R1631036	THEORY OF MACHINES LABORATORY	C	2
16VV1A0321	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0321	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0322	R1631031	DYNAMICS OF MACHINERY	D	3
16VV1A0322	R1631032	METAL CUTTING & MACHINE TOOLS	F	0
16VV1A0322	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0322	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0322	R1631035	THERMAL ENGINEERING - II	F	0
16VV1A0322	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0322	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0322	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0323	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0323	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0323	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0323	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0323	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0323	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0323	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0323	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0324	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0324	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0324	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	D	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0324	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0324	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0324	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0324	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0324	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0325	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0325	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0325	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0325	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0325	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0325	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0325	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0325	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0326	R1631031	DYNAMICS OF MACHINERY	S	3
16VV1A0326	R1631032	METAL CUTTING & MACHINE TOOLS	A	3
16VV1A0326	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	A	3
16VV1A0326	R1631034	OPERATIONS RESEARCH	S	3
16VV1A0326	R1631035	THERMAL ENGINEERING - II	S	3
16VV1A0326	R1631036	THEORY OF MACHINES LABORATORY	O	2
16VV1A0326	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0326	R1631038	THERMAL ENGINEERING LABORATORY	O	2
16VV1A0327	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0327	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0327	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0327	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0327	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0327	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0327	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0327	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0328	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0328	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0328	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0328	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0328	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0328	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0328	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0328	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0329	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0329	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0329	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	A	3
16VV1A0329	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0329	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0329	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0329	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0329	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0330	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0330	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0330	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0330	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0330	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0330	R1631036	THEORY OF MACHINES LABORATORY	A	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0330	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0330	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0331	R1631031	DYNAMICS OF MACHINERY	A	3
16VV1A0331	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0331	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0331	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0331	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0331	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0331	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0331	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0332	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0332	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0332	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0332	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0332	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0332	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0332	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0332	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0333	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0333	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0333	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0333	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0333	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0333	R1631036	THEORY OF MACHINES LABORATORY	O	2
16VV1A0333	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0333	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0334	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0334	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0334	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0334	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0334	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0334	R1631036	THEORY OF MACHINES LABORATORY	S	2
16VV1A0334	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0334	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0335	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0335	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0335	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0335	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0335	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0335	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0335	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0335	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0336	R1631031	DYNAMICS OF MACHINERY	D	3
16VV1A0336	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0336	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0336	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0336	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0336	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0336	R1631037	MACHINE TOOLS LABORATORY	S	2
16VV1A0336	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0337	R1631031	DYNAMICS OF MACHINERY	D	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0337	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0337	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	B	3
16VV1A0337	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0337	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0337	R1631036	THEORY OF MACHINES LABORATORY	C	2
16VV1A0337	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0337	R1631038	THERMAL ENGINEERING LABORATORY	C	2
16VV1A0338	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0338	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0338	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	D	3
16VV1A0338	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0338	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0338	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0338	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0338	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0339	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0339	R1631032	METAL CUTTING & MACHINE TOOLS	A	3
16VV1A0339	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	B	3
16VV1A0339	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0339	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0339	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0339	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0339	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0340	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0340	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0340	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	C	3
16VV1A0340	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0340	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0340	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0340	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0340	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0342	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0342	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0342	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	C	3
16VV1A0342	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0342	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0342	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0342	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0342	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0343	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0343	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0343	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	C	3
16VV1A0343	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0343	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0343	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0343	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0343	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0344	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0344	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0344	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	C	3
16VV1A0344	R1631034	OPERATIONS RESEARCH	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0344	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0344	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0344	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0344	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0345	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0345	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0345	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0345	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0345	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0345	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0345	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0345	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0346	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0346	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0346	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0346	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0346	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0346	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0346	R1631037	MACHINE TOOLS LABORATORY	S	2
16VV1A0346	R1631038	THERMAL ENGINEERING LABORATORY	C	2
16VV1A0347	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0347	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0347	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0347	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0347	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0347	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0347	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0347	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0348	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0348	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0348	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	D	3
16VV1A0348	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0348	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0348	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0348	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0348	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0349	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0349	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0349	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0349	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0349	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0349	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0349	R1631037	MACHINE TOOLS LABORATORY	S	2
16VV1A0349	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0350	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0350	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0350	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0350	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0350	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0350	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0350	R1631037	MACHINE TOOLS LABORATORY	O	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0350	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0351	R1631031	DYNAMICS OF MACHINERY	D	3
16VV1A0351	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0351	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	D	3
16VV1A0351	R1631034	OPERATIONS RESEARCH	F	0
16VV1A0351	R1631035	THERMAL ENGINEERING - II	F	0
16VV1A0351	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0351	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0351	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0352	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0352	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0352	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	B	3
16VV1A0352	R1631034	OPERATIONS RESEARCH	C	3
16VV1A0352	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0352	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0352	R1631037	MACHINE TOOLS LABORATORY	S	2
16VV1A0352	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0353	R1631031	DYNAMICS OF MACHINERY	D	3
16VV1A0353	R1631032	METAL CUTTING & MACHINE TOOLS	F	0
16VV1A0353	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	D	3
16VV1A0353	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0353	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0353	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0353	R1631037	MACHINE TOOLS LABORATORY	S	2
16VV1A0353	R1631038	THERMAL ENGINEERING LABORATORY	A	2
16VV1A0354	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0354	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
16VV1A0354	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	A	3
16VV1A0354	R1631034	OPERATIONS RESEARCH	A	3
16VV1A0354	R1631035	THERMAL ENGINEERING - II	B	3
16VV1A0354	R1631036	THEORY OF MACHINES LABORATORY	B	2
16VV1A0354	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0354	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0355	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0355	R1631032	METAL CUTTING & MACHINE TOOLS	D	3
16VV1A0355	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	C	3
16VV1A0355	R1631034	OPERATIONS RESEARCH	D	3
16VV1A0355	R1631035	THERMAL ENGINEERING - II	D	3
16VV1A0355	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0355	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0355	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0356	R1631031	DYNAMICS OF MACHINERY	F	0
16VV1A0356	R1631032	METAL CUTTING & MACHINE TOOLS	F	0
16VV1A0356	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	F	0
16VV1A0356	R1631034	OPERATIONS RESEARCH	F	0
16VV1A0356	R1631035	THERMAL ENGINEERING - II	F	0
16VV1A0356	R1631036	THEORY OF MACHINES LABORATORY	C	2
16VV1A0356	R1631037	MACHINE TOOLS LABORATORY	A	2
16VV1A0356	R1631038	THERMAL ENGINEERING LABORATORY	B	2
16VV1A0357	R1631031	DYNAMICS OF MACHINERY	C	3
16VV1A0357	R1631032	METAL CUTTING & MACHINE TOOLS	C	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0357	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	C	3
16VV1A0357	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0357	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0357	R1631036	THEORY OF MACHINES LABORATORY	A	2
16VV1A0357	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0357	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0358	R1631031	DYNAMICS OF MACHINERY	B	3
16VV1A0358	R1631032	METAL CUTTING & MACHINE TOOLS	C	3
16VV1A0358	R1631033	DESIGN OF MACHINE MEMBERS â€“ II	B	3
16VV1A0358	R1631034	OPERATIONS RESEARCH	B	3
16VV1A0358	R1631035	THERMAL ENGINEERING - II	C	3
16VV1A0358	R1631036	THEORY OF MACHINES LABORATORY	S	2
16VV1A0358	R1631037	MACHINE TOOLS LABORATORY	O	2
16VV1A0358	R1631038	THERMAL ENGINEERING LABORATORY	S	2
16VV1A0401	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0401	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0401	R1631043	DIGITAL IC APPLICATIONS	S	3
16VV1A0401	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0401	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0401	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0401	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0401	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0402	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
16VV1A0402	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0402	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0402	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0402	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0402	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0402	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0402	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0403	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
16VV1A0403	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0403	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0403	R1631044	DIGITAL COMMUNICATIONS	D	3
16VV1A0403	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0403	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0403	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0403	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0404	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0404	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0404	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0404	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0404	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0404	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0404	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0404	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0405	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	S	3
16VV1A0405	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0405	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0405	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0405	R1631045	ANTENNA AND WAVE PROPAGATION	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0405	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0405	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0405	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0406	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0406	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0406	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0406	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0406	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0406	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0406	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0406	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0407	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0407	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0407	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0407	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0407	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0407	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0407	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0407	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0408	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0408	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0408	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0408	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0408	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0408	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0408	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0408	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0409	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0409	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0409	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0409	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0409	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0409	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0409	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0409	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0410	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	O	3
16VV1A0410	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0410	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0410	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0410	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0410	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0410	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0410	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0413	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0413	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0413	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0413	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0413	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0413	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0413	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0413	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0414	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0414	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0414	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0414	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0414	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0414	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0414	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0414	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0415	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
16VV1A0415	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0415	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0415	R1631044	DIGITAL COMMUNICATIONS	D	3
16VV1A0415	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0415	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0415	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0415	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0416	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0416	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0416	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0416	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0416	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0416	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0416	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0416	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0417	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	S	3
16VV1A0417	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0417	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0417	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0417	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0417	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0417	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0417	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0418	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0418	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0418	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0418	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0418	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0418	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0418	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0418	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0419	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0419	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0419	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0419	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0419	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0419	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0419	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0419	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0420	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0420	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0420	R1631043	DIGITAL IC APPLICATIONS	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0420	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0420	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0420	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0420	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0420	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0421	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0421	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0421	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0421	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0421	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0421	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0421	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0421	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0422	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
16VV1A0422	R1631042	LINEAR IC APPLICATIONS	D	3
16VV1A0422	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0422	R1631044	DIGITAL COMMUNICATIONS	D	3
16VV1A0422	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0422	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0422	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0422	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0423	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	S	3
16VV1A0423	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0423	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0423	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0423	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0423	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0423	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0423	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0424	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0424	R1631042	LINEAR IC APPLICATIONS	F	0
16VV1A0424	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0424	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0424	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0424	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0424	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0424	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0425	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0425	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0425	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0425	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0425	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0425	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0425	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0425	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0427	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0427	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0427	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0427	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0427	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0427	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0427	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0427	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0428	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0428	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0428	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0428	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0428	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0428	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0428	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0428	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0429	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0429	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0429	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0429	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0429	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0429	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0429	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0429	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0430	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0430	R1631042	LINEAR IC APPLICATIONS	S	3
16VV1A0430	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0430	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0430	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0430	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0430	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0430	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0431	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0431	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0431	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0431	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0431	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0431	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0431	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0431	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0432	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0432	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0432	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0432	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0432	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0432	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0432	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0432	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0433	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0433	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0433	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0433	R1631044	DIGITAL COMMUNICATIONS	D	3
16VV1A0433	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0433	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0433	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0433	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0434	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0434	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0434	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0434	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0434	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0434	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0434	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0434	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0435	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0435	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0435	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0435	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0435	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0435	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0435	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0435	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0436	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0436	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0436	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0436	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0436	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0436	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0436	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0436	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0437	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0437	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0437	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0437	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0437	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0437	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	A	2
16VV1A0437	R1631047	LINEAR IC APPLICATIONS LABORATORY	A	2
16VV1A0437	R1631048	DIGITAL IC APPLICATIONS LABORATORY	B	2
16VV1A0438	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
16VV1A0438	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0438	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0438	R1631044	DIGITAL COMMUNICATIONS	F	0
16VV1A0438	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0438	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0438	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0438	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0439	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0439	R1631042	LINEAR IC APPLICATIONS	S	3
16VV1A0439	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0439	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0439	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0439	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0439	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0439	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0440	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0440	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0440	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0440	R1631044	DIGITAL COMMUNICATIONS	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0440	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0440	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0440	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0440	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0441	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0441	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0441	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0441	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0441	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0441	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0441	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0441	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0442	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0442	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0442	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0442	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0442	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
16VV1A0442	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0442	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0442	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0443	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0443	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0443	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0443	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0443	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
16VV1A0443	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0443	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0443	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0444	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0444	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0444	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0444	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0444	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0444	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0444	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0444	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0445	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0445	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0445	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0445	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0445	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0445	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0445	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0445	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0446	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0446	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0446	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0446	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0446	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0446	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0446	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0446	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0447	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0447	R1631042	LINEAR IC APPLICATIONS	D	3
16VV1A0447	R1631043	DIGITAL IC APPLICATIONS	D	3
16VV1A0447	R1631044	DIGITAL COMMUNICATIONS	D	3
16VV1A0447	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0447	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0447	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0447	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0448	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	S	3
16VV1A0448	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0448	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0448	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0448	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0448	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0448	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0448	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0449	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	S	3
16VV1A0449	R1631042	LINEAR IC APPLICATIONS	A	3
16VV1A0449	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0449	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0449	R1631045	ANTENNA AND WAVE PROPAGATION	S	3
16VV1A0449	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0449	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0449	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0451	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0451	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0451	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0451	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0451	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0451	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0451	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0451	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0452	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0452	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0452	R1631043	DIGITAL IC APPLICATIONS	A	3
16VV1A0452	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0452	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0452	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0452	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0452	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0453	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0453	R1631042	LINEAR IC APPLICATIONS	D	3
16VV1A0453	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0453	R1631044	DIGITAL COMMUNICATIONS	D	3
16VV1A0453	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0453	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0453	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0453	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
16VV1A0454	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0454	R1631042	LINEAR IC APPLICATIONS	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0454	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0454	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0454	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0454	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0454	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0454	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0455	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
16VV1A0455	R1631042	LINEAR IC APPLICATIONS	D	3
16VV1A0455	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0455	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0455	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0455	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0455	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0455	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0456	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0456	R1631042	LINEAR IC APPLICATIONS	C	3
16VV1A0456	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0456	R1631044	DIGITAL COMMUNICATIONS	B	3
16VV1A0456	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0456	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0456	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0456	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0457	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	C	3
16VV1A0457	R1631042	LINEAR IC APPLICATIONS	D	3
16VV1A0457	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0457	R1631044	DIGITAL COMMUNICATIONS	F	0
16VV1A0457	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0457	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
16VV1A0457	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
16VV1A0457	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0458	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
16VV1A0458	R1631042	LINEAR IC APPLICATIONS	B	3
16VV1A0458	R1631043	DIGITAL IC APPLICATIONS	C	3
16VV1A0458	R1631044	DIGITAL COMMUNICATIONS	C	3
16VV1A0458	R1631045	ANTENNA AND WAVE PROPAGATION	D	3
16VV1A0458	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0458	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0458	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
16VV1A0459	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
16VV1A0459	R1631042	LINEAR IC APPLICATIONS	S	3
16VV1A0459	R1631043	DIGITAL IC APPLICATIONS	B	3
16VV1A0459	R1631044	DIGITAL COMMUNICATIONS	A	3
16VV1A0459	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
16VV1A0459	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
16VV1A0459	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
16VV1A0459	R1631048	DIGITAL IC APPLICATIONS LABORATORY	O	2
16VV1A0501	R1631051	COMPILER DESIGN	O	3
16VV1A0501	R1631052	UNIX PROGRAMMING	O	3
16VV1A0501	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0501	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0501	R1631055	OPERATING SYSTEMS	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0501	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0501	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0501	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A0503	R1631051	COMPILER DESIGN	O	3
16VV1A0503	R1631052	UNIX PROGRAMMING	S	3
16VV1A0503	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0503	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0503	R1631055	OPERATING SYSTEMS	A	3
16VV1A0503	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0503	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0503	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A0504	R1631051	COMPILER DESIGN	B	3
16VV1A0504	R1631052	UNIX PROGRAMMING	C	3
16VV1A0504	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0504	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0504	R1631055	OPERATING SYSTEMS	C	3
16VV1A0504	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	A	2
16VV1A0504	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0504	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0505	R1631051	COMPILER DESIGN	S	3
16VV1A0505	R1631052	UNIX PROGRAMMING	B	3
16VV1A0505	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0505	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0505	R1631055	OPERATING SYSTEMS	B	3
16VV1A0505	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0505	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0505	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0506	R1631051	COMPILER DESIGN	S	3
16VV1A0506	R1631052	UNIX PROGRAMMING	C	3
16VV1A0506	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0506	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0506	R1631055	OPERATING SYSTEMS	B	3
16VV1A0506	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0506	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0506	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0507	R1631051	COMPILER DESIGN	S	3
16VV1A0507	R1631052	UNIX PROGRAMMING	O	3
16VV1A0507	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0507	R1631054	DATABASE MANAGEMENT SYSTEMS	O	3
16VV1A0507	R1631055	OPERATING SYSTEMS	A	3
16VV1A0507	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0507	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0507	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A0508	R1631051	COMPILER DESIGN	O	3
16VV1A0508	R1631052	UNIX PROGRAMMING	S	3
16VV1A0508	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0508	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0508	R1631055	OPERATING SYSTEMS	B	3
16VV1A0508	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0508	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0508	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0509	R1631051	COMPILER DESIGN	A	3
16VV1A0509	R1631052	UNIX PROGRAMMING	C	3
16VV1A0509	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0509	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0509	R1631055	OPERATING SYSTEMS	C	3
16VV1A0509	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0509	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0509	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0510	R1631051	COMPILER DESIGN	A	3
16VV1A0510	R1631052	UNIX PROGRAMMING	A	3
16VV1A0510	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0510	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0510	R1631055	OPERATING SYSTEMS	B	3
16VV1A0510	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0510	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0510	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0511	R1631051	COMPILER DESIGN	A	3
16VV1A0511	R1631052	UNIX PROGRAMMING	C	3
16VV1A0511	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0511	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0511	R1631055	OPERATING SYSTEMS	F	0
16VV1A0511	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0511	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0511	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0512	R1631051	COMPILER DESIGN	B	3
16VV1A0512	R1631052	UNIX PROGRAMMING	C	3
16VV1A0512	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	D	3
16VV1A0512	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0512	R1631055	OPERATING SYSTEMS	D	3
16VV1A0512	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	A	2
16VV1A0512	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0512	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0513	R1631051	COMPILER DESIGN	S	3
16VV1A0513	R1631052	UNIX PROGRAMMING	S	3
16VV1A0513	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0513	R1631054	DATABASE MANAGEMENT SYSTEMS	O	3
16VV1A0513	R1631055	OPERATING SYSTEMS	C	3
16VV1A0513	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0513	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0513	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A0514	R1631051	COMPILER DESIGN	O	3
16VV1A0514	R1631052	UNIX PROGRAMMING	B	3
16VV1A0514	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0514	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0514	R1631055	OPERATING SYSTEMS	F	0
16VV1A0514	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0514	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0514	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0515	R1631051	COMPILER DESIGN	S	3
16VV1A0515	R1631052	UNIX PROGRAMMING	B	3
16VV1A0515	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0515	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0515	R1631055	OPERATING SYSTEMS	B	3
16VV1A0515	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0515	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0515	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0516	R1631051	COMPILER DESIGN	A	3
16VV1A0516	R1631052	UNIX PROGRAMMING	B	3
16VV1A0516	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0516	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0516	R1631055	OPERATING SYSTEMS	D	3
16VV1A0516	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0516	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0516	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0518	R1631051	COMPILER DESIGN	S	3
16VV1A0518	R1631052	UNIX PROGRAMMING	S	3
16VV1A0518	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0518	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0518	R1631055	OPERATING SYSTEMS	C	3
16VV1A0518	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0518	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0518	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0519	R1631051	COMPILER DESIGN	S	3
16VV1A0519	R1631052	UNIX PROGRAMMING	B	3
16VV1A0519	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0519	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0519	R1631055	OPERATING SYSTEMS	B	3
16VV1A0519	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0519	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0519	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0520	R1631051	COMPILER DESIGN	O	3
16VV1A0520	R1631052	UNIX PROGRAMMING	S	3
16VV1A0520	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0520	R1631054	DATABASE MANAGEMENT SYSTEMS	O	3
16VV1A0520	R1631055	OPERATING SYSTEMS	A	3
16VV1A0520	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0520	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0520	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0521	R1631051	COMPILER DESIGN	B	3
16VV1A0521	R1631052	UNIX PROGRAMMING	F	0
16VV1A0521	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0521	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0521	R1631055	OPERATING SYSTEMS	C	3
16VV1A0521	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0521	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0521	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0522	R1631051	COMPILER DESIGN	B	3
16VV1A0522	R1631052	UNIX PROGRAMMING	C	3
16VV1A0522	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0522	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0522	R1631055	OPERATING SYSTEMS	D	3
16VV1A0522	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0522	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0522	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0523	R1631051	COMPILER DESIGN	O	3
16VV1A0523	R1631052	UNIX PROGRAMMING	S	3
16VV1A0523	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0523	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0523	R1631055	OPERATING SYSTEMS	C	3
16VV1A0523	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0523	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0523	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A0525	R1631051	COMPILER DESIGN	B	3
16VV1A0525	R1631052	UNIX PROGRAMMING	F	0
16VV1A0525	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0525	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0525	R1631055	OPERATING SYSTEMS	B	3
16VV1A0525	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0525	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0525	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0526	R1631051	COMPILER DESIGN	S	3
16VV1A0526	R1631052	UNIX PROGRAMMING	F	0
16VV1A0526	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0526	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0526	R1631055	OPERATING SYSTEMS	C	3
16VV1A0526	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0526	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0526	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0527	R1631051	COMPILER DESIGN	S	3
16VV1A0527	R1631052	UNIX PROGRAMMING	C	3
16VV1A0527	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0527	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0527	R1631055	OPERATING SYSTEMS	C	3
16VV1A0527	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0527	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0527	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A0528	R1631051	COMPILER DESIGN	S	3
16VV1A0528	R1631052	UNIX PROGRAMMING	S	3
16VV1A0528	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0528	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0528	R1631055	OPERATING SYSTEMS	C	3
16VV1A0528	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0528	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0528	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0529	R1631051	COMPILER DESIGN	S	3
16VV1A0529	R1631052	UNIX PROGRAMMING	A	3
16VV1A0529	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0529	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0529	R1631055	OPERATING SYSTEMS	C	3
16VV1A0529	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0529	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0529	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0530	R1631051	COMPILER DESIGN	S	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0530	R1631052	UNIX PROGRAMMING	C	3
16VV1A0530	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0530	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0530	R1631055	OPERATING SYSTEMS	C	3
16VV1A0530	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0530	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0530	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A0531	R1631051	COMPILER DESIGN	A	3
16VV1A0531	R1631052	UNIX PROGRAMMING	F	0
16VV1A0531	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0531	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0531	R1631055	OPERATING SYSTEMS	D	3
16VV1A0531	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0531	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0531	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0532	R1631051	COMPILER DESIGN	C	3
16VV1A0532	R1631052	UNIX PROGRAMMING	F	0
16VV1A0532	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	C	3
16VV1A0532	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0532	R1631055	OPERATING SYSTEMS	D	3
16VV1A0532	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0532	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0532	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0533	R1631051	COMPILER DESIGN	S	3
16VV1A0533	R1631052	UNIX PROGRAMMING	S	3
16VV1A0533	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0533	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0533	R1631055	OPERATING SYSTEMS	C	3
16VV1A0533	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0533	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0533	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0534	R1631051	COMPILER DESIGN	O	3
16VV1A0534	R1631052	UNIX PROGRAMMING	A	3
16VV1A0534	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0534	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0534	R1631055	OPERATING SYSTEMS	C	3
16VV1A0534	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0534	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0534	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0535	R1631051	COMPILER DESIGN	O	3
16VV1A0535	R1631052	UNIX PROGRAMMING	S	3
16VV1A0535	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0535	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0535	R1631055	OPERATING SYSTEMS	S	3
16VV1A0535	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0535	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0535	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A0536	R1631051	COMPILER DESIGN	O	3
16VV1A0536	R1631052	UNIX PROGRAMMING	A	3
16VV1A0536	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0536	R1631054	DATABASE MANAGEMENT SYSTEMS	O	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0536	R1631055	OPERATING SYSTEMS	B	3
16VV1A0536	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0536	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0536	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A0537	R1631051	COMPILER DESIGN	S	3
16VV1A0537	R1631052	UNIX PROGRAMMING	C	3
16VV1A0537	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0537	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0537	R1631055	OPERATING SYSTEMS	C	3
16VV1A0537	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0537	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0537	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0538	R1631051	COMPILER DESIGN	B	3
16VV1A0538	R1631052	UNIX PROGRAMMING	B	3
16VV1A0538	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	C	3
16VV1A0538	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0538	R1631055	OPERATING SYSTEMS	F	0
16VV1A0538	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0538	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0538	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0539	R1631051	COMPILER DESIGN	A	3
16VV1A0539	R1631052	UNIX PROGRAMMING	C	3
16VV1A0539	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0539	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A0539	R1631055	OPERATING SYSTEMS	D	3
16VV1A0539	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	A	2
16VV1A0539	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0539	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0540	R1631051	COMPILER DESIGN	O	3
16VV1A0540	R1631052	UNIX PROGRAMMING	A	3
16VV1A0540	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0540	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0540	R1631055	OPERATING SYSTEMS	A	3
16VV1A0540	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0540	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0540	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0542	R1631051	COMPILER DESIGN	O	3
16VV1A0542	R1631052	UNIX PROGRAMMING	S	3
16VV1A0542	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0542	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0542	R1631055	OPERATING SYSTEMS	B	3
16VV1A0542	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0542	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0542	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A0543	R1631051	COMPILER DESIGN	B	3
16VV1A0543	R1631052	UNIX PROGRAMMING	C	3
16VV1A0543	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	C	3
16VV1A0543	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0543	R1631055	OPERATING SYSTEMS	D	3
16VV1A0543	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0543	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A0543	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
16VV1A0544	R1631051	COMPILER DESIGN	D	3
16VV1A0544	R1631052	UNIX PROGRAMMING	C	3
16VV1A0544	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	D	3
16VV1A0544	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0544	R1631055	OPERATING SYSTEMS	F	0
16VV1A0544	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	A	2
16VV1A0544	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0544	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0545	R1631051	COMPILER DESIGN	S	3
16VV1A0545	R1631052	UNIX PROGRAMMING	C	3
16VV1A0545	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0545	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0545	R1631055	OPERATING SYSTEMS	C	3
16VV1A0545	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0545	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0545	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0546	R1631051	COMPILER DESIGN	S	3
16VV1A0546	R1631052	UNIX PROGRAMMING	S	3
16VV1A0546	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0546	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0546	R1631055	OPERATING SYSTEMS	C	3
16VV1A0546	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0546	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0546	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A0547	R1631051	COMPILER DESIGN	S	3
16VV1A0547	R1631052	UNIX PROGRAMMING	A	3
16VV1A0547	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0547	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0547	R1631055	OPERATING SYSTEMS	B	3
16VV1A0547	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0547	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0547	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0548	R1631051	COMPILER DESIGN	B	3
16VV1A0548	R1631052	UNIX PROGRAMMING	F	0
16VV1A0548	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	C	3
16VV1A0548	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0548	R1631055	OPERATING SYSTEMS	F	0
16VV1A0548	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0548	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0548	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0549	R1631051	COMPILER DESIGN	S	3
16VV1A0549	R1631052	UNIX PROGRAMMING	S	3
16VV1A0549	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0549	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0549	R1631055	OPERATING SYSTEMS	D	3
16VV1A0549	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0549	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0549	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0550	R1631051	COMPILER DESIGN	A	3
16VV1A0550	R1631052	UNIX PROGRAMMING	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0550	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0550	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0550	R1631055	OPERATING SYSTEMS	C	3
16VV1A0550	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0550	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0550	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0551	R1631051	COMPILER DESIGN	C	3
16VV1A0551	R1631052	UNIX PROGRAMMING	C	3
16VV1A0551	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0551	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0551	R1631055	OPERATING SYSTEMS	D	3
16VV1A0551	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0551	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0551	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0552	R1631051	COMPILER DESIGN	O	3
16VV1A0552	R1631052	UNIX PROGRAMMING	S	3
16VV1A0552	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0552	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0552	R1631055	OPERATING SYSTEMS	C	3
16VV1A0552	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0552	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0552	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0553	R1631051	COMPILER DESIGN	O	3
16VV1A0553	R1631052	UNIX PROGRAMMING	O	3
16VV1A0553	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
16VV1A0553	R1631054	DATABASE MANAGEMENT SYSTEMS	O	3
16VV1A0553	R1631055	OPERATING SYSTEMS	B	3
16VV1A0553	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0553	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0553	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A0554	R1631051	COMPILER DESIGN	B	3
16VV1A0554	R1631052	UNIX PROGRAMMING	C	3
16VV1A0554	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0554	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0554	R1631055	OPERATING SYSTEMS	C	3
16VV1A0554	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	A	2
16VV1A0554	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0554	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0555	R1631051	COMPILER DESIGN	S	3
16VV1A0555	R1631052	UNIX PROGRAMMING	B	3
16VV1A0555	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0555	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A0555	R1631055	OPERATING SYSTEMS	C	3
16VV1A0555	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0555	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0555	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0556	R1631051	COMPILER DESIGN	C	3
16VV1A0556	R1631052	UNIX PROGRAMMING	C	3
16VV1A0556	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	C	3
16VV1A0556	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A0556	R1631055	OPERATING SYSTEMS	D	3

Htno	Subcode	Subname	Grade	Credits
16VV1A0556	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0556	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	S	2
16VV1A0556	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
16VV1A0557	R1631051	COMPILER DESIGN	O	3
16VV1A0557	R1631052	UNIX PROGRAMMING	C	3
16VV1A0557	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
16VV1A0557	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0557	R1631055	OPERATING SYSTEMS	B	3
16VV1A0557	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0557	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0557	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0558	R1631051	COMPILER DESIGN	S	3
16VV1A0558	R1631052	UNIX PROGRAMMING	C	3
16VV1A0558	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0558	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0558	R1631055	OPERATING SYSTEMS	B	3
16VV1A0558	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
16VV1A0558	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0558	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A0559	R1631051	COMPILER DESIGN	S	3
16VV1A0559	R1631052	UNIX PROGRAMMING	B	3
16VV1A0559	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
16VV1A0559	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A0559	R1631055	OPERATING SYSTEMS	C	3
16VV1A0559	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
16VV1A0559	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
16VV1A0559	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
16VV1A1201	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1201	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1201	R1631055	OPERATING SYSTEMS	S	3
16VV1A1201	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1201	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1201	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1201	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1201	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1202	R1631052	UNIX AND SHELL PROGRAMMING	F	0
16VV1A1202	R1631054	DATABASE MANAGEMENT SYSTEMS	D	3
16VV1A1202	R1631055	OPERATING SYSTEMS	D	3
16VV1A1202	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1202	R1631122	ADVANCED JAVA PROGRAMMING	C	3
16VV1A1202	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
16VV1A1202	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1202	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A1204	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1204	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1204	R1631055	OPERATING SYSTEMS	A	3
16VV1A1204	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1204	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1204	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1204	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1204	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A1205	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1205	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A1205	R1631055	OPERATING SYSTEMS	A	3
16VV1A1205	R1631121	HUMAN COMPUTER INTERACTION	A	3
16VV1A1205	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1205	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1205	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1205	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1206	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1206	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1206	R1631055	OPERATING SYSTEMS	B	3
16VV1A1206	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1206	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1206	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1206	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1206	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1207	R1631052	UNIX AND SHELL PROGRAMMING	C	3
16VV1A1207	R1631054	DATABASE MANAGEMENT SYSTEMS	D	3
16VV1A1207	R1631055	OPERATING SYSTEMS	C	3
16VV1A1207	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1207	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1207	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
16VV1A1207	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1207	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1208	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1208	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1208	R1631055	OPERATING SYSTEMS	B	3
16VV1A1208	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1208	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1208	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1208	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1208	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1209	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1209	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1209	R1631055	OPERATING SYSTEMS	A	3
16VV1A1209	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1209	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1209	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1209	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1209	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1210	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1210	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A1210	R1631055	OPERATING SYSTEMS	A	3
16VV1A1210	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1210	R1631122	ADVANCED JAVA PROGRAMMING	S	3
16VV1A1210	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1210	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1210	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1211	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1211	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1211	R1631055	OPERATING SYSTEMS	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A1211	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1211	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1211	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1211	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1211	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1212	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1212	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A1212	R1631055	OPERATING SYSTEMS	S	3
16VV1A1212	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1212	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1212	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1212	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1212	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1213	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1213	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1213	R1631055	OPERATING SYSTEMS	S	3
16VV1A1213	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1213	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1213	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1213	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1213	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1214	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1214	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1214	R1631055	OPERATING SYSTEMS	B	3
16VV1A1214	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1214	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1214	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1214	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1214	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1215	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1215	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1215	R1631055	OPERATING SYSTEMS	A	3
16VV1A1215	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1215	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1215	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1215	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1215	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1216	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1216	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1216	R1631055	OPERATING SYSTEMS	A	3
16VV1A1216	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1216	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1216	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1216	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1216	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1217	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1217	R1631054	DATABASE MANAGEMENT SYSTEMS	D	3
16VV1A1217	R1631055	OPERATING SYSTEMS	B	3
16VV1A1217	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1217	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1217	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A1217	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1217	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1218	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1218	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1218	R1631055	OPERATING SYSTEMS	B	3
16VV1A1218	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1218	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1218	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1218	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1218	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1219	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1219	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1219	R1631055	OPERATING SYSTEMS	B	3
16VV1A1219	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1219	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1219	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1219	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1219	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1220	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1220	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1220	R1631055	OPERATING SYSTEMS	S	3
16VV1A1220	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1220	R1631122	ADVANCED JAVA PROGRAMMING	S	3
16VV1A1220	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1220	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1220	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1221	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1221	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1221	R1631055	OPERATING SYSTEMS	A	3
16VV1A1221	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1221	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1221	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1221	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1221	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1223	R1631052	UNIX AND SHELL PROGRAMMING	F	0
16VV1A1223	R1631054	DATABASE MANAGEMENT SYSTEMS	F	0
16VV1A1223	R1631055	OPERATING SYSTEMS	F	0
16VV1A1223	R1631121	HUMAN COMPUTER INTERACTION	D	3
16VV1A1223	R1631122	ADVANCED JAVA PROGRAMMING	C	3
16VV1A1223	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
16VV1A1223	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1223	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A1224	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1224	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1224	R1631055	OPERATING SYSTEMS	A	3
16VV1A1224	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1224	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1224	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1224	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1224	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1225	R1631052	UNIX AND SHELL PROGRAMMING	B	3

Htno	Subcode	Subname	Grade	Credits
16VV1A1225	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1225	R1631055	OPERATING SYSTEMS	S	3
16VV1A1225	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1225	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1225	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1225	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1225	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1226	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1226	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1226	R1631055	OPERATING SYSTEMS	A	3
16VV1A1226	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1226	R1631122	ADVANCED JAVA PROGRAMMING	C	3
16VV1A1226	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1226	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1226	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1227	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1227	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
16VV1A1227	R1631055	OPERATING SYSTEMS	S	3
16VV1A1227	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1227	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1227	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1227	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1227	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1228	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1228	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1228	R1631055	OPERATING SYSTEMS	B	3
16VV1A1228	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1228	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1228	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1228	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1228	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1229	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1229	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1229	R1631055	OPERATING SYSTEMS	C	3
16VV1A1229	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1229	R1631122	ADVANCED JAVA PROGRAMMING	D	3
16VV1A1229	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
16VV1A1229	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1229	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1230	R1631052	UNIX AND SHELL PROGRAMMING	C	3
16VV1A1230	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1230	R1631055	OPERATING SYSTEMS	C	3
16VV1A1230	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1230	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1230	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1230	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1230	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1231	R1631052	UNIX AND SHELL PROGRAMMING	C	3
16VV1A1231	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1231	R1631055	OPERATING SYSTEMS	A	3
16VV1A1231	R1631121	HUMAN COMPUTER INTERACTION	C	3

Htno	Subcode	Subname	Grade	Credits
16VV1A1231	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1231	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1231	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1231	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1233	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1233	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1233	R1631055	OPERATING SYSTEMS	B	3
16VV1A1233	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1233	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1233	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
16VV1A1233	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1233	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1234	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1234	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1234	R1631055	OPERATING SYSTEMS	A	3
16VV1A1234	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1234	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1234	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1234	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1234	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1235	R1631052	UNIX AND SHELL PROGRAMMING	C	3
16VV1A1235	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1235	R1631055	OPERATING SYSTEMS	B	3
16VV1A1235	R1631121	HUMAN COMPUTER INTERACTION	D	3
16VV1A1235	R1631122	ADVANCED JAVA PROGRAMMING	C	3
16VV1A1235	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1235	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1235	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1236	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1236	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1236	R1631055	OPERATING SYSTEMS	B	3
16VV1A1236	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1236	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1236	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1236	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1236	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1237	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1237	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1237	R1631055	OPERATING SYSTEMS	A	3
16VV1A1237	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1237	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1237	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1237	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1237	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1239	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1239	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1239	R1631055	OPERATING SYSTEMS	B	3
16VV1A1239	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1239	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1239	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1239	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2

Htno	Subcode	Subname	Grade	Credits
16VV1A1239	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1241	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1241	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1241	R1631055	OPERATING SYSTEMS	B	3
16VV1A1241	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1241	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1241	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1241	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1241	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1243	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1243	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1243	R1631055	OPERATING SYSTEMS	B	3
16VV1A1243	R1631121	HUMAN COMPUTER INTERACTION	A	3
16VV1A1243	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1243	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1243	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1243	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1244	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1244	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1244	R1631055	OPERATING SYSTEMS	A	3
16VV1A1244	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1244	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1244	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1244	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1244	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1245	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1245	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1245	R1631055	OPERATING SYSTEMS	S	3
16VV1A1245	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1245	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1245	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1245	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1245	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
16VV1A1246	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1246	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1246	R1631055	OPERATING SYSTEMS	A	3
16VV1A1246	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1246	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1246	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1246	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1246	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1247	R1631052	UNIX AND SHELL PROGRAMMING	C	3
16VV1A1247	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1247	R1631055	OPERATING SYSTEMS	B	3
16VV1A1247	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1247	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1247	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1247	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1247	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1248	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1248	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A1248	R1631055	OPERATING SYSTEMS	A	3
16VV1A1248	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1248	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1248	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1248	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1248	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1249	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1249	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1249	R1631055	OPERATING SYSTEMS	C	3
16VV1A1249	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1249	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1249	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1249	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1249	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1250	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1250	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1250	R1631055	OPERATING SYSTEMS	B	3
16VV1A1250	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1250	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1250	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1250	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1250	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1251	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1251	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1251	R1631055	OPERATING SYSTEMS	A	3
16VV1A1251	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1251	R1631122	ADVANCED JAVA PROGRAMMING	B	3
16VV1A1251	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1251	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1251	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1252	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1252	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
16VV1A1252	R1631055	OPERATING SYSTEMS	A	3
16VV1A1252	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1252	R1631122	ADVANCED JAVA PROGRAMMING	C	3
16VV1A1252	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1252	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1252	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1253	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1253	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1253	R1631055	OPERATING SYSTEMS	A	3
16VV1A1253	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1253	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1253	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1253	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1253	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1254	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1254	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1254	R1631055	OPERATING SYSTEMS	B	3
16VV1A1254	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1254	R1631122	ADVANCED JAVA PROGRAMMING	S	3

Htno	Subcode	Subname	Grade	Credits
16VV1A1254	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
16VV1A1254	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1254	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1255	R1631052	UNIX AND SHELL PROGRAMMING	A	3
16VV1A1255	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1255	R1631055	OPERATING SYSTEMS	B	3
16VV1A1255	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1255	R1631122	ADVANCED JAVA PROGRAMMING	C	3
16VV1A1255	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1255	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1255	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
16VV1A1257	R1631052	UNIX AND SHELL PROGRAMMING	S	3
16VV1A1257	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
16VV1A1257	R1631055	OPERATING SYSTEMS	A	3
16VV1A1257	R1631121	HUMAN COMPUTER INTERACTION	B	3
16VV1A1257	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1257	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1257	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
16VV1A1257	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A1258	R1631052	UNIX AND SHELL PROGRAMMING	B	3
16VV1A1258	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
16VV1A1258	R1631055	OPERATING SYSTEMS	A	3
16VV1A1258	R1631121	HUMAN COMPUTER INTERACTION	C	3
16VV1A1258	R1631122	ADVANCED JAVA PROGRAMMING	A	3
16VV1A1258	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
16VV1A1258	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
16VV1A1258	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
16VV1A3101	R1631311	FOUNDRY TECHNOLOGY	C	3
16VV1A3101	R1631312	STEEL MAKING	B	3
16VV1A3101	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
16VV1A3101	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3101	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3101	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3101	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3101	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3102	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3102	R1631312	STEEL MAKING	D	3
16VV1A3102	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
16VV1A3102	R1631314	MATERIAL TESTING AND EVALUATION	D	3
16VV1A3102	R1631315	FOUNDRY TECHNOLOGY LABORATORY	C	2
16VV1A3102	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3102	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3102	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3103	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3103	R1631312	STEEL MAKING	B	3
16VV1A3103	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3103	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3103	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3103	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3103	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3103	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3

Htno	Subcode	Subname	Grade	Credits
16VV1A3105	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3105	R1631312	STEEL MAKING	A	3
16VV1A3105	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3105	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3105	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3105	R1631316	HEAT TREATMENT LABORATORY	O	2
16VV1A3105	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3105	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
16VV1A3106	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3106	R1631312	STEEL MAKING	A	3
16VV1A3106	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3106	R1631314	MATERIAL TESTING AND EVALUATION	B	3
16VV1A3106	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
16VV1A3106	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3106	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3106	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
16VV1A3107	R1631311	FOUNDRY TECHNOLOGY	S	3
16VV1A3107	R1631312	STEEL MAKING	S	3
16VV1A3107	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
16VV1A3107	R1631314	MATERIAL TESTING AND EVALUATION	B	3
16VV1A3107	R1631315	FOUNDRY TECHNOLOGY LABORATORY	O	2
16VV1A3107	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3107	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3107	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3108	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3108	R1631312	STEEL MAKING	B	3
16VV1A3108	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
16VV1A3108	R1631314	MATERIAL TESTING AND EVALUATION	D	3
16VV1A3108	R1631315	FOUNDRY TECHNOLOGY LABORATORY	B	2
16VV1A3108	R1631316	HEAT TREATMENT LABORATORY	A	2
16VV1A3108	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3108	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3109	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3109	R1631312	STEEL MAKING	O	3
16VV1A3109	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3109	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3109	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
16VV1A3109	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3109	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3109	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
16VV1A3111	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3111	R1631312	STEEL MAKING	S	3
16VV1A3111	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
16VV1A3111	R1631314	MATERIAL TESTING AND EVALUATION	A	3
16VV1A3111	R1631315	FOUNDRY TECHNOLOGY LABORATORY	O	2
16VV1A3111	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3111	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3111	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
16VV1A3112	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3112	R1631312	STEEL MAKING	S	3
16VV1A3112	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3

Htno	Subcode	Subname	Grade	Credits
16VV1A3112	R1631314	MATERIAL TESTING AND EVALUATION	B	3
16VV1A3112	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
16VV1A3112	R1631316	HEAT TREATMENT LABORATORY	O	2
16VV1A3112	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3112	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3113	R1631311	FOUNDRY TECHNOLOGY	C	3
16VV1A3113	R1631312	STEEL MAKING	A	3
16VV1A3113	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3113	R1631314	MATERIAL TESTING AND EVALUATION	B	3
16VV1A3113	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
16VV1A3113	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3113	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3113	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3114	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3114	R1631312	STEEL MAKING	A	3
16VV1A3114	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
16VV1A3114	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3114	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3114	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3114	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3114	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3115	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3115	R1631312	STEEL MAKING	A	3
16VV1A3115	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
16VV1A3115	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3115	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3115	R1631316	HEAT TREATMENT LABORATORY	S	2
16VV1A3115	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3115	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3116	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3116	R1631312	STEEL MAKING	A	3
16VV1A3116	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
16VV1A3116	R1631314	MATERIAL TESTING AND EVALUATION	C	3
16VV1A3116	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
16VV1A3116	R1631316	HEAT TREATMENT LABORATORY	A	2
16VV1A3116	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3116	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3117	R1631311	FOUNDRY TECHNOLOGY	C	3
16VV1A3117	R1631312	STEEL MAKING	B	3
16VV1A3117	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	D	3
16VV1A3117	R1631314	MATERIAL TESTING AND EVALUATION	D	3
16VV1A3117	R1631315	FOUNDRY TECHNOLOGY LABORATORY	B	2
16VV1A3117	R1631316	HEAT TREATMENT LABORATORY	A	2
16VV1A3117	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3117	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	C	3
16VV1A3118	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3118	R1631312	STEEL MAKING	S	3
16VV1A3118	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3118	R1631314	MATERIAL TESTING AND EVALUATION	B	3
16VV1A3118	R1631315	FOUNDRY TECHNOLOGY LABORATORY	O	2
16VV1A3118	R1631316	HEAT TREATMENT LABORATORY	S	2

Htno	Subcode	Subname	Grade	Credits
16VV1A3118	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3118	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
16VV1A3119	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3119	R1631312	STEEL MAKING	A	3
16VV1A3119	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
16VV1A3119	R1631314	MATERIAL TESTING AND EVALUATION	A	3
16VV1A3119	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
16VV1A3119	R1631316	HEAT TREATMENT LABORATORY	O	2
16VV1A3119	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3119	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
16VV1A3120	R1631311	FOUNDRY TECHNOLOGY	C	3
16VV1A3120	R1631312	STEEL MAKING	C	3
16VV1A3120	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	D	3
16VV1A3120	R1631314	MATERIAL TESTING AND EVALUATION	D	3
16VV1A3120	R1631315	FOUNDRY TECHNOLOGY LABORATORY	B	2
16VV1A3120	R1631316	HEAT TREATMENT LABORATORY	A	2
16VV1A3120	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	B	2
16VV1A3120	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
16VV1A3121	R1631311	FOUNDRY TECHNOLOGY	S	3
16VV1A3121	R1631312	STEEL MAKING	S	3
16VV1A3121	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	O	3
16VV1A3121	R1631314	MATERIAL TESTING AND EVALUATION	S	3
16VV1A3121	R1631315	FOUNDRY TECHNOLOGY LABORATORY	O	2
16VV1A3121	R1631316	HEAT TREATMENT LABORATORY	O	2
16VV1A3121	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	O	2
16VV1A3121	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
16VV1A3122	R1631311	FOUNDRY TECHNOLOGY	A	3
16VV1A3122	R1631312	STEEL MAKING	S	3
16VV1A3122	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
16VV1A3122	R1631314	MATERIAL TESTING AND EVALUATION	A	3
16VV1A3122	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3122	R1631316	HEAT TREATMENT LABORATORY	A	2
16VV1A3122	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3122	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
16VV1A3123	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3123	R1631312	STEEL MAKING	A	3
16VV1A3123	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	C	3
16VV1A3123	R1631314	MATERIAL TESTING AND EVALUATION	D	3
16VV1A3123	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3123	R1631316	HEAT TREATMENT LABORATORY	A	2
16VV1A3123	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
16VV1A3123	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
16VV1A3125	R1631311	FOUNDRY TECHNOLOGY	B	3
16VV1A3125	R1631312	STEEL MAKING	S	3
16VV1A3125	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
16VV1A3125	R1631314	MATERIAL TESTING AND EVALUATION	A	3
16VV1A3125	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
16VV1A3125	R1631316	HEAT TREATMENT LABORATORY	O	2
16VV1A3125	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
16VV1A3125	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
17VV5A0131	R1631011	MANAGEMENT SCIENCE	S	3

Htno	Subcode	Subname	Grade	Credits
17VV5A0131	R1631012	ENGINEERING GEOLOGY	A	3
17VV5A0131	R1631013	STRUCTURAL ANALYSIS - II	A	3
17VV5A0131	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
17VV5A0131	R1631015	TRANSPORTATION ENGINEERING - II	S	3
17VV5A0131	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
17VV5A0131	R1631017	GEOLOGY LABORATORY	O	2
17VV5A0131	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
17VV5A0132	R1631011	MANAGEMENT SCIENCE	S	3
17VV5A0132	R1631012	ENGINEERING GEOLOGY	S	3
17VV5A0132	R1631013	STRUCTURAL ANALYSIS - II	A	3
17VV5A0132	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	O	3
17VV5A0132	R1631015	TRANSPORTATION ENGINEERING - II	S	3
17VV5A0132	R1631016	CONCRETE TECHNOLOGY LABORATORY	O	2
17VV5A0132	R1631017	GEOLOGY LABORATORY	O	2
17VV5A0132	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
17VV5A0133	R1631011	MANAGEMENT SCIENCE	A	3
17VV5A0133	R1631012	ENGINEERING GEOLOGY	A	3
17VV5A0133	R1631013	STRUCTURAL ANALYSIS - II	A	3
17VV5A0133	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	A	3
17VV5A0133	R1631015	TRANSPORTATION ENGINEERING - II	A	3
17VV5A0133	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
17VV5A0133	R1631017	GEOLOGY LABORATORY	O	2
17VV5A0133	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
17VV5A0134	R1631011	MANAGEMENT SCIENCE	A	3
17VV5A0134	R1631012	ENGINEERING GEOLOGY	S	3
17VV5A0134	R1631013	STRUCTURAL ANALYSIS - II	B	3
17VV5A0134	R1631014	DESIGN & DRAWING OF REINFORCED CONCRETE	S	3
17VV5A0134	R1631015	TRANSPORTATION ENGINEERING - II	S	3
17VV5A0134	R1631016	CONCRETE TECHNOLOGY LABORATORY	S	2
17VV5A0134	R1631017	GEOLOGY LABORATORY	O	2
17VV5A0134	R1631018	TRANSPORTATION ENGINEERING LABORATORY	O	2
17VV5A0261	R1631021	POWER SYSTEMS - II	A	3
17VV5A0261	R1631022	RENEWABLE ENERGY SOURCES	S	3
17VV5A0261	R1631023	SIGNALS AND SYSTEMS	A	3
17VV5A0261	R1631024	PULSE & DIGITAL CIRCUITS	A	3
17VV5A0261	R1631025	POWER ELECTRONICS	A	3
17VV5A0261	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
17VV5A0261	R1631027	CONTROL SYSTEMS LABORATORY	B	2
17VV5A0261	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
17VV5A0262	R1631021	POWER SYSTEMS - II	A	3
17VV5A0262	R1631022	RENEWABLE ENERGY SOURCES	S	3
17VV5A0262	R1631023	SIGNALS AND SYSTEMS	S	3
17VV5A0262	R1631024	PULSE & DIGITAL CIRCUITS	A	3
17VV5A0262	R1631025	POWER ELECTRONICS	B	3
17VV5A0262	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
17VV5A0262	R1631027	CONTROL SYSTEMS LABORATORY	S	2
17VV5A0262	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
17VV5A0263	R1631021	POWER SYSTEMS - II	S	3
17VV5A0263	R1631022	RENEWABLE ENERGY SOURCES	S	3
17VV5A0263	R1631023	SIGNALS AND SYSTEMS	O	3
17VV5A0263	R1631024	PULSE & DIGITAL CIRCUITS	O	3

Htno	Subcode	Subname	Grade	Credits
17VV5A0263	R1631025	POWER ELECTRONICS	A	3
17VV5A0263	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
17VV5A0263	R1631027	CONTROL SYSTEMS LABORATORY	S	2
17VV5A0263	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	O	2
17VV5A0264	R1631021	POWER SYSTEMS - II	B	3
17VV5A0264	R1631022	RENEWABLE ENERGY SOURCES	A	3
17VV5A0264	R1631023	SIGNALS AND SYSTEMS	A	3
17VV5A0264	R1631024	PULSE & DIGITAL CIRCUITS	S	3
17VV5A0264	R1631025	POWER ELECTRONICS	A	3
17VV5A0264	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
17VV5A0264	R1631027	CONTROL SYSTEMS LABORATORY	S	2
17VV5A0264	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
17VV5A0265	R1631021	POWER SYSTEMS - II	C	3
17VV5A0265	R1631022	RENEWABLE ENERGY SOURCES	B	3
17VV5A0265	R1631023	SIGNALS AND SYSTEMS	A	3
17VV5A0265	R1631024	PULSE & DIGITAL CIRCUITS	B	3
17VV5A0265	R1631025	POWER ELECTRONICS	D	3
17VV5A0265	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
17VV5A0265	R1631027	CONTROL SYSTEMS LABORATORY	B	2
17VV5A0265	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	B	2
17VV5A0266	R1631021	POWER SYSTEMS - II	D	3
17VV5A0266	R1631022	RENEWABLE ENERGY SOURCES	D	3
17VV5A0266	R1631023	SIGNALS AND SYSTEMS	F	0
17VV5A0266	R1631024	PULSE & DIGITAL CIRCUITS	D	3
17VV5A0266	R1631025	POWER ELECTRONICS	D	3
17VV5A0266	R1631026	ELECTRICAL MACHINES - II LABORATORY	B	2
17VV5A0266	R1631027	CONTROL SYSTEMS LABORATORY	C	2
17VV5A0266	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	D	2
17VV5A0267	R1631021	POWER SYSTEMS - II	B	3
17VV5A0267	R1631022	RENEWABLE ENERGY SOURCES	S	3
17VV5A0267	R1631023	SIGNALS AND SYSTEMS	A	3
17VV5A0267	R1631024	PULSE & DIGITAL CIRCUITS	A	3
17VV5A0267	R1631025	POWER ELECTRONICS	C	3
17VV5A0267	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
17VV5A0267	R1631027	CONTROL SYSTEMS LABORATORY	A	2
17VV5A0267	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	A	2
17VV5A0268	R1631021	POWER SYSTEMS - II	A	3
17VV5A0268	R1631022	RENEWABLE ENERGY SOURCES	S	3
17VV5A0268	R1631023	SIGNALS AND SYSTEMS	S	3
17VV5A0268	R1631024	PULSE & DIGITAL CIRCUITS	A	3
17VV5A0268	R1631025	POWER ELECTRONICS	B	3
17VV5A0268	R1631026	ELECTRICAL MACHINES - II LABORATORY	O	2
17VV5A0268	R1631027	CONTROL SYSTEMS LABORATORY	S	2
17VV5A0268	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
17VV5A0269	R1631021	POWER SYSTEMS - II	D	3
17VV5A0269	R1631022	RENEWABLE ENERGY SOURCES	A	3
17VV5A0269	R1631023	SIGNALS AND SYSTEMS	C	3
17VV5A0269	R1631024	PULSE & DIGITAL CIRCUITS	C	3
17VV5A0269	R1631025	POWER ELECTRONICS	D	3
17VV5A0269	R1631026	ELECTRICAL MACHINES - II LABORATORY	A	2
17VV5A0269	R1631027	CONTROL SYSTEMS LABORATORY	C	2

Htno	Subcode	Subname	Grade	Credits
17VV5A0269	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	C	2
17VV5A0270	R1631021	POWER SYSTEMS - II	A	3
17VV5A0270	R1631022	RENEWABLE ENERGY SOURCES	S	3
17VV5A0270	R1631023	SIGNALS AND SYSTEMS	S	3
17VV5A0270	R1631024	PULSE & DIGITAL CIRCUITS	A	3
17VV5A0270	R1631025	POWER ELECTRONICS	S	3
17VV5A0270	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
17VV5A0270	R1631027	CONTROL SYSTEMS LABORATORY	A	2
17VV5A0270	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
17VV5A0271	R1631021	POWER SYSTEMS - II	B	3
17VV5A0271	R1631022	RENEWABLE ENERGY SOURCES	C	3
17VV5A0271	R1631023	SIGNALS AND SYSTEMS	C	3
17VV5A0271	R1631024	PULSE & DIGITAL CIRCUITS	B	3
17VV5A0271	R1631025	POWER ELECTRONICS	C	3
17VV5A0271	R1631026	ELECTRICAL MACHINES - II LABORATORY	S	2
17VV5A0271	R1631027	CONTROL SYSTEMS LABORATORY	S	2
17VV5A0271	R1631028	ELECTRICAL MEASUREMENTS LABORATORY	S	2
17VV5A0361	R1631031	DYNAMICS OF MACHINERY	B	3
17VV5A0361	R1631032	METAL CUTTING & MACHINE TOOLS	A	3
17VV5A0361	R1631033	DESIGN OF MACHINE MEMBERS " II	C	3
17VV5A0361	R1631034	OPERATIONS RESEARCH	B	3
17VV5A0361	R1631035	THERMAL ENGINEERING - II	B	3
17VV5A0361	R1631036	THEORY OF MACHINES LABORATORY	A	2
17VV5A0361	R1631037	MACHINE TOOLS LABORATORY	O	2
17VV5A0361	R1631038	THERMAL ENGINEERING LABORATORY	S	2
17VV5A0362	R1631031	DYNAMICS OF MACHINERY	B	3
17VV5A0362	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
17VV5A0362	R1631033	DESIGN OF MACHINE MEMBERS " II	B	3
17VV5A0362	R1631034	OPERATIONS RESEARCH	A	3
17VV5A0362	R1631035	THERMAL ENGINEERING - II	B	3
17VV5A0362	R1631036	THEORY OF MACHINES LABORATORY	S	2
17VV5A0362	R1631037	MACHINE TOOLS LABORATORY	O	2
17VV5A0362	R1631038	THERMAL ENGINEERING LABORATORY	O	2
17VV5A0363	R1631031	DYNAMICS OF MACHINERY	B	3
17VV5A0363	R1631032	METAL CUTTING & MACHINE TOOLS	A	3
17VV5A0363	R1631033	DESIGN OF MACHINE MEMBERS " II	B	3
17VV5A0363	R1631034	OPERATIONS RESEARCH	B	3
17VV5A0363	R1631035	THERMAL ENGINEERING - II	A	3
17VV5A0363	R1631036	THEORY OF MACHINES LABORATORY	S	2
17VV5A0363	R1631037	MACHINE TOOLS LABORATORY	O	2
17VV5A0363	R1631038	THERMAL ENGINEERING LABORATORY	O	2
17VV5A0364	R1631031	DYNAMICS OF MACHINERY	C	3
17VV5A0364	R1631032	METAL CUTTING & MACHINE TOOLS	B	3
17VV5A0364	R1631033	DESIGN OF MACHINE MEMBERS " II	B	3
17VV5A0364	R1631034	OPERATIONS RESEARCH	B	3
17VV5A0364	R1631035	THERMAL ENGINEERING - II	B	3
17VV5A0364	R1631036	THEORY OF MACHINES LABORATORY	A	2
17VV5A0364	R1631037	MACHINE TOOLS LABORATORY	O	2
17VV5A0364	R1631038	THERMAL ENGINEERING LABORATORY	S	2
17VV5A0365	R1631031	DYNAMICS OF MACHINERY	B	3
17VV5A0365	R1631032	METAL CUTTING & MACHINE TOOLS	A	3

Htno	Subcode	Subname	Grade	Credits
17VV5A0365	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	A	3
17VV5A0365	R1631034	OPERATIONS RESEARCH	C	3
17VV5A0365	R1631035	THERMAL ENGINEERING - II	A	3
17VV5A0365	R1631036	THEORY OF MACHINES LABORATORY	S	2
17VV5A0365	R1631037	MACHINE TOOLS LABORATORY	O	2
17VV5A0365	R1631038	THERMAL ENGINEERING LABORATORY	S	2
17VV5A0366	R1631031	DYNAMICS OF MACHINERY	A	3
17VV5A0366	R1631032	METAL CUTTING & MACHINE TOOLS	S	3
17VV5A0366	R1631033	DESIGN OF MACHINE MEMBERS â€™ II	A	3
17VV5A0366	R1631034	OPERATIONS RESEARCH	A	3
17VV5A0366	R1631035	THERMAL ENGINEERING - II	S	3
17VV5A0366	R1631036	THEORY OF MACHINES LABORATORY	O	2
17VV5A0366	R1631037	MACHINE TOOLS LABORATORY	O	2
17VV5A0366	R1631038	THERMAL ENGINEERING LABORATORY	S	2
17VV5A0461	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
17VV5A0461	R1631042	LINEAR IC APPLICATIONS	S	3
17VV5A0461	R1631043	DIGITAL IC APPLICATIONS	A	3
17VV5A0461	R1631044	DIGITAL COMMUNICATIONS	B	3
17VV5A0461	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
17VV5A0461	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
17VV5A0461	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
17VV5A0461	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
17VV5A0462	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	D	3
17VV5A0462	R1631042	LINEAR IC APPLICATIONS	D	3
17VV5A0462	R1631043	DIGITAL IC APPLICATIONS	D	3
17VV5A0462	R1631044	DIGITAL COMMUNICATIONS	D	3
17VV5A0462	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
17VV5A0462	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	A	2
17VV5A0462	R1631047	LINEAR IC APPLICATIONS LABORATORY	A	2
17VV5A0462	R1631048	DIGITAL IC APPLICATIONS LABORATORY	A	2
17VV5A0463	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	B	3
17VV5A0463	R1631042	LINEAR IC APPLICATIONS	B	3
17VV5A0463	R1631043	DIGITAL IC APPLICATIONS	B	3
17VV5A0463	R1631044	DIGITAL COMMUNICATIONS	C	3
17VV5A0463	R1631045	ANTENNA AND WAVE PROPAGATION	C	3
17VV5A0463	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
17VV5A0463	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
17VV5A0463	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
17VV5A0464	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
17VV5A0464	R1631042	LINEAR IC APPLICATIONS	A	3
17VV5A0464	R1631043	DIGITAL IC APPLICATIONS	B	3
17VV5A0464	R1631044	DIGITAL COMMUNICATIONS	B	3
17VV5A0464	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
17VV5A0464	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	S	2
17VV5A0464	R1631047	LINEAR IC APPLICATIONS LABORATORY	S	2
17VV5A0464	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
17VV5A0465	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	S	3
17VV5A0465	R1631042	LINEAR IC APPLICATIONS	B	3
17VV5A0465	R1631043	DIGITAL IC APPLICATIONS	A	3
17VV5A0465	R1631044	DIGITAL COMMUNICATIONS	B	3
17VV5A0465	R1631045	ANTENNA AND WAVE PROPAGATION	A	3

Htno	Subcode	Subname	Grade	Credits
17VV5A0465	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
17VV5A0465	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
17VV5A0465	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
17VV5A0466	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
17VV5A0466	R1631042	LINEAR IC APPLICATIONS	B	3
17VV5A0466	R1631043	DIGITAL IC APPLICATIONS	C	3
17VV5A0466	R1631044	DIGITAL COMMUNICATIONS	B	3
17VV5A0466	R1631045	ANTENNA AND WAVE PROPAGATION	A	3
17VV5A0466	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
17VV5A0466	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
17VV5A0466	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
17VV5A0467	R1631041	COMPUTER ARCHITECTURE AND ORGANIZATION	A	3
17VV5A0467	R1631042	LINEAR IC APPLICATIONS	B	3
17VV5A0467	R1631043	DIGITAL IC APPLICATIONS	C	3
17VV5A0467	R1631044	DIGITAL COMMUNICATIONS	C	3
17VV5A0467	R1631045	ANTENNA AND WAVE PROPAGATION	B	3
17VV5A0467	R1631046	PULSE AND DIGITAL CIRCUITS LABORATORY	O	2
17VV5A0467	R1631047	LINEAR IC APPLICATIONS LABORATORY	O	2
17VV5A0467	R1631048	DIGITAL IC APPLICATIONS LABORATORY	S	2
17VV5A0561	R1631051	COMPILER DESIGN	A	3
17VV5A0561	R1631052	UNIX PROGRAMMING	A	3
17VV5A0561	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	A	3
17VV5A0561	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
17VV5A0561	R1631055	OPERATING SYSTEMS	F	0
17VV5A0561	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
17VV5A0561	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0561	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
17VV5A0562	R1631051	COMPILER DESIGN	S	3
17VV5A0562	R1631052	UNIX PROGRAMMING	A	3
17VV5A0562	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
17VV5A0562	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
17VV5A0562	R1631055	OPERATING SYSTEMS	C	3
17VV5A0562	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
17VV5A0562	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0562	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
17VV5A0563	R1631051	COMPILER DESIGN	S	3
17VV5A0563	R1631052	UNIX PROGRAMMING	B	3
17VV5A0563	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
17VV5A0563	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
17VV5A0563	R1631055	OPERATING SYSTEMS	C	3
17VV5A0563	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
17VV5A0563	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0563	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2
17VV5A0564	R1631051	COMPILER DESIGN	S	3
17VV5A0564	R1631052	UNIX PROGRAMMING	C	3
17VV5A0564	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
17VV5A0564	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
17VV5A0564	R1631055	OPERATING SYSTEMS	C	3
17VV5A0564	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
17VV5A0564	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0564	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	B	2

Htno	Subcode	Subname	Grade	Credits
17VV5A0565	R1631051	COMPILER DESIGN	D	3
17VV5A0565	R1631052	UNIX PROGRAMMING	F	0
17VV5A0565	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
17VV5A0565	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
17VV5A0565	R1631055	OPERATING SYSTEMS	D	3
17VV5A0565	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
17VV5A0565	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0565	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	A	2
17VV5A0566	R1631051	COMPILER DESIGN	S	3
17VV5A0566	R1631052	UNIX PROGRAMMING	C	3
17VV5A0566	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	S	3
17VV5A0566	R1631054	DATABASE MANAGEMENT SYSTEMS	S	3
17VV5A0566	R1631055	OPERATING SYSTEMS	B	3
17VV5A0566	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	O	2
17VV5A0566	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0566	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	C	2
17VV5A0567	R1631051	COMPILER DESIGN	C	3
17VV5A0567	R1631052	UNIX PROGRAMMING	C	3
17VV5A0567	R1631053	OBJECT ORIENTED ANALYSIS AND DESIGN USIN	B	3
17VV5A0567	R1631054	DATABASE MANAGEMENT SYSTEMS	A	3
17VV5A0567	R1631055	OPERATING SYSTEMS	D	3
17VV5A0567	R1631056	UNIFIED MODELING LANGUAGE LABORATORY	S	2
17VV5A0567	R1631057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	O	2
17VV5A0567	R1631058	DATABASE MANAGEMENT SYSTEM LABORATORY	D	2
17VV5A1261	R1631052	UNIX AND SHELL PROGRAMMING	A	3
17VV5A1261	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
17VV5A1261	R1631055	OPERATING SYSTEMS	A	3
17VV5A1261	R1631121	HUMAN COMPUTER INTERACTION	C	3
17VV5A1261	R1631122	ADVANCED JAVA PROGRAMMING	B	3
17VV5A1261	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
17VV5A1261	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
17VV5A1261	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
17VV5A1262	R1631052	UNIX AND SHELL PROGRAMMING	C	3
17VV5A1262	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
17VV5A1262	R1631055	OPERATING SYSTEMS	C	3
17VV5A1262	R1631121	HUMAN COMPUTER INTERACTION	C	3
17VV5A1262	R1631122	ADVANCED JAVA PROGRAMMING	B	3
17VV5A1262	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
17VV5A1262	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
17VV5A1262	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
17VV5A1263	R1631052	UNIX AND SHELL PROGRAMMING	B	3
17VV5A1263	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
17VV5A1263	R1631055	OPERATING SYSTEMS	A	3
17VV5A1263	R1631121	HUMAN COMPUTER INTERACTION	B	3
17VV5A1263	R1631122	ADVANCED JAVA PROGRAMMING	B	3
17VV5A1263	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
17VV5A1263	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
17VV5A1263	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
17VV5A1264	R1631052	UNIX AND SHELL PROGRAMMING	A	3
17VV5A1264	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
17VV5A1264	R1631055	OPERATING SYSTEMS	C	3

Htno	Subcode	Subname	Grade	Credits
17VV5A1264	R1631121	HUMAN COMPUTER INTERACTION	B	3
17VV5A1264	R1631122	ADVANCED JAVA PROGRAMMING	B	3
17VV5A1264	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
17VV5A1264	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
17VV5A1264	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
17VV5A1265	R1631052	UNIX AND SHELL PROGRAMMING	C	3
17VV5A1265	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
17VV5A1265	R1631055	OPERATING SYSTEMS	C	3
17VV5A1265	R1631121	HUMAN COMPUTER INTERACTION	C	3
17VV5A1265	R1631122	ADVANCED JAVA PROGRAMMING	C	3
17VV5A1265	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
17VV5A1265	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
17VV5A1265	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
17VV5A1266	R1631052	UNIX AND SHELL PROGRAMMING	B	3
17VV5A1266	R1631054	DATABASE MANAGEMENT SYSTEMS	B	3
17VV5A1266	R1631055	OPERATING SYSTEMS	A	3
17VV5A1266	R1631121	HUMAN COMPUTER INTERACTION	C	3
17VV5A1266	R1631122	ADVANCED JAVA PROGRAMMING	C	3
17VV5A1266	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	O	2
17VV5A1266	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
17VV5A1266	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
17VV5A1267	R1631052	UNIX AND SHELL PROGRAMMING	B	3
17VV5A1267	R1631054	DATABASE MANAGEMENT SYSTEMS	D	3
17VV5A1267	R1631055	OPERATING SYSTEMS	B	3
17VV5A1267	R1631121	HUMAN COMPUTER INTERACTION	C	3
17VV5A1267	R1631122	ADVANCED JAVA PROGRAMMING	C	3
17VV5A1267	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	A	2
17VV5A1267	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	S	2
17VV5A1267	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	S	2
17VV5A1268	R1631052	UNIX AND SHELL PROGRAMMING	B	3
17VV5A1268	R1631054	DATABASE MANAGEMENT SYSTEMS	C	3
17VV5A1268	R1631055	OPERATING SYSTEMS	C	3
17VV5A1268	R1631121	HUMAN COMPUTER INTERACTION	B	3
17VV5A1268	R1631122	ADVANCED JAVA PROGRAMMING	B	3
17VV5A1268	R1631123	ADVANCED JAVA PROGRAMMING LABORATORY	S	2
17VV5A1268	R1631124	UNIX AND OPERATING SYSTEMS LABORATORY	O	2
17VV5A1268	R1631125	DATABASE MANAGEMENT SYSTEM LABORATORY	O	2
17VV5A3131	R1631311	FOUNDRY TECHNOLOGY	D	3
17VV5A3131	R1631312	STEEL MAKING	B	3
17VV5A3131	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
17VV5A3131	R1631314	MATERIAL TESTING AND EVALUATION	F	0
17VV5A3131	R1631315	FOUNDRY TECHNOLOGY LABORATORY	F	0
17VV5A3131	R1631316	HEAT TREATMENT LABORATORY	F	0
17VV5A3131	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	B	2
17VV5A3131	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
17VV5A3132	R1631311	FOUNDRY TECHNOLOGY	D	3
17VV5A3132	R1631312	STEEL MAKING	B	3
17VV5A3132	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
17VV5A3132	R1631314	MATERIAL TESTING AND EVALUATION	C	3
17VV5A3132	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
17VV5A3132	R1631316	HEAT TREATMENT LABORATORY	A	2

Htno	Subcode	Subname	Grade	Credits
17VV5A3132	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
17VV5A3132	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
17VV5A3133	R1631311	FOUNDRY TECHNOLOGY	S	3
17VV5A3133	R1631312	STEEL MAKING	S	3
17VV5A3133	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	S	3
17VV5A3133	R1631314	MATERIAL TESTING AND EVALUATION	A	3
17VV5A3133	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
17VV5A3133	R1631316	HEAT TREATMENT LABORATORY	O	2
17VV5A3133	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
17VV5A3133	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	S	3
17VV5A3134	R1631311	FOUNDRY TECHNOLOGY	B	3
17VV5A3134	R1631312	STEEL MAKING	C	3
17VV5A3134	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	D	3
17VV5A3134	R1631314	MATERIAL TESTING AND EVALUATION	D	3
17VV5A3134	R1631315	FOUNDRY TECHNOLOGY LABORATORY	B	2
17VV5A3134	R1631316	HEAT TREATMENT LABORATORY	A	2
17VV5A3134	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
17VV5A3134	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	B	3
17VV5A3135	R1631311	FOUNDRY TECHNOLOGY	S	3
17VV5A3135	R1631312	STEEL MAKING	A	3
17VV5A3135	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
17VV5A3135	R1631314	MATERIAL TESTING AND EVALUATION	B	3
17VV5A3135	R1631315	FOUNDRY TECHNOLOGY LABORATORY	A	2
17VV5A3135	R1631316	HEAT TREATMENT LABORATORY	O	2
17VV5A3135	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
17VV5A3135	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
17VV5A3136	R1631311	FOUNDRY TECHNOLOGY	A	3
17VV5A3136	R1631312	STEEL MAKING	A	3
17VV5A3136	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	B	3
17VV5A3136	R1631314	MATERIAL TESTING AND EVALUATION	B	3
17VV5A3136	R1631315	FOUNDRY TECHNOLOGY LABORATORY	S	2
17VV5A3136	R1631316	HEAT TREATMENT LABORATORY	S	2
17VV5A3136	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	S	2
17VV5A3136	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3
17VV5A3137	R1631311	FOUNDRY TECHNOLOGY	B	3
17VV5A3137	R1631312	STEEL MAKING	S	3
17VV5A3137	R1631313	PHASE TRANSFORMATIONS AND HEAT -TREATMEN	A	3
17VV5A3137	R1631314	MATERIAL TESTING AND EVALUATION	C	3
17VV5A3137	R1631315	FOUNDRY TECHNOLOGY LABORATORY	F	0
17VV5A3137	R1631316	HEAT TREATMENT LABORATORY	A	2
17VV5A3137	R1631317	MATERIAL TESTING AND EVALUATION LABORATO	A	2
17VV5A3137	R1631355	MANAGERIAL ECONOMICS AND FINANCIAL ANALY	A	3

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
>=90	>=67	O	Outstanding	10
>=80 to <90	>=60 to <67	S	Excellent	9
>=70 to <80	>=52 to <60	A	Very Good	8
>=60 to <70	>=45 to <52	B	Good	7

Marks Range Theory	Marks Range Lab	Letter Grade	Level	Grade Point
≥ 50 to < 60	≥ 37 to < 45	C	Fair	6
≥ 40 to < 50	≥ 30 to < 37	D	Satisfactory	5
< 40	< 30	F	Fail	0
			Absent	0

Date:28-03-2019

N. Mohan Rao
Controller of Examinations