DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Information Technology Engineering from Dr.BAMU to Dr.BATU

SEMESTER-I

Sr. No.	Dr. BAMU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1.	BSH201	Engineering Mathematics -III	4	BTBSC301	Engineering Mathematics III	4
2.	CSE202	Data Structures	4	BTITC402	Data Structures and Applications	4
3.	CSE203	Computer Networks	4	BTITC404	Internetworking Protocols	3
4.	CSE204	Digital Electronics	4	BTITC302	Switching Theory and Logic Design	3
5.	CSE205	Linux Operating System	4	BTCOC304	Computer Architecture and Organization	3
6.	CSE221	Lab 1: Data Structures	1	BTITL408	Data Structures and Applications Lab	2
7.	CSE224	Lab 4: Linux Operating System	1	BTITL409	Internetworking Protocols Lab	1
8.	CSE225	Lab 5: Introduction to Web Programming	2	BTITEL309C	Introduction to Web Technology Lab	2

Total Credits of Third Semester at BAMU, Aurangabad – 26

SEMESTER-II

Sr. No.	Dr. BAMU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1.	BSH251	Engineering Mathematics-IV	4	BTBSE406A/BTITE406B/ BTITE406C	Elective II	3
2.	CSE252	Discrete Mathematics	4	BTITC403	Discrete Structures and Applications	4
3.	CSE253	Object Oriented Programming	4	BTITC303	Object Oriented Paradigm with C++	4
4.	CSE254	Microprocessor & Computer Organization	4	BTITC401	Microprocessors and Microcontrollers	3
5.	CSE255	Computer Graphics	4	BTITC302	Switching Theory and Logic Design	3
6.	CSE271	Lab 6: Object Oriented Programming	1	BTITL307	Object Oriented Paradigm with C++ Lab	1
7.	CSE272	Lab 7: Microprocessor & Computer Organization	1	BTITL407	Microprocessors and Micro-controllers Lab	1
8.	CSE274	Lab 9: Open Source Lab	1	BTITL308	Programming Lab (Python)	2

Total Credits of Fourth Semester at BAMU, Aurangabad – 26

- For students getting transferred to DBATU after passing all the subjects of Second Year at BAMU, Aurangabad: The CGPA will be carried forward and the credits earned will be considered at actual.

- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at BAMU, Aurangabad: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per BAMU, Aurangabad for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

* Grade Point Calculation for Students transferred from DBAMU to DBATU *

Total Marks (100) = (INT of DBAMU * 2) + End Semester Marks of DBATU

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

SEMESTER-III

Sr. No.	RTMNU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Applied Mathematics- III		BTBSC301	Engineering Mathematics III	4
2	BEIT302T	Programming Logic And Design Using 'C'	5	BTITC404	Internetworking Protocols	3
3	BEIT303T	Ethics in Information Technology	4	BTID405	Product Design Engineering	2
4	BEIT304T	Digital Electronics And Fundamentals Of MIC Roprocessor	5	BTITC302	Switching Theory and Logic Design	3
5	BEIT305T	Data Communication	5	BTBSE3405A/ BTITE305B/ BTITE305C/ BTHM302	Elective I	3
6	BEIT302P	Programming Logic And Design Using 'C'	1	BTITL409	Internetworking Protocols Lab	1
7	BEIT304P	Digital Electronics And Fundamentals Of Mic Roprocessor	1	BTITL306	Switching Theory and Logic Design Lab	1
8	BEIT307P	Computer Lab-I	2	BTBSEL309A BTITEL309B BTITEL309C BTHML302	Elective I Lab	1

Total Credits of First Semester at RTMU, Nagpur -

SEMESTER-IV

Sr. No.	RTMNU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1		Discrete Mathematics And Graph Theory		BTITC403	Discrete Structures and Applications	4
2	BEIT402T	Algorithms And Data Structures	5	BTITC402	Data Structures and Applications	4
3	BEIT403T	Theory Of Computation	5	BTBSE406A/ BTITE406B/ BTITE406C	Elective II	3
4	BEIT404T	Computer Architecture And Organization	5	BTCOC304	Computer Architecture and Organization	3
5	BEIT405T	Object Oriented Methodology	5	BTITC303	Object Oriented Paradigm with C++	4
6	BEIT402P	Algorithms And Data Structures	1	BTITL408	Data Structures and Applications Lab	2

| 7 | BEIT405P | Object Oriented Methodology | 1 | BTITL307 | Object Oriented Paradigm with C++ Lab | 1 |
| 8 | BEIT406P | Computer Lab-II | 2 | BTITL308 | Programming Lab (Python) | 2 |

Total Credits of Second Semester at RTMU, Nagpur -

- For students getting transferred to DBATU after passing all the subjects of Second Year at RTMU NAGPUR: The CGPA will be carried forward and the credits earned will be considered at actual.

- For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at RTMU NAGPUR: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per RTMU NAGPUR for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

* Grade Point Calculation for Students transferred from RTMU NAGPUR to DBATU *

Total Marks (100) = (INT of RTMU NAGPUR* 2) + End Semester Marks of DBATU

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Information Technology Engineering from Shivaji University Kolhapur to DBATU

SEMESTER-III

Sr. No.	Shivaji University Subjects			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	MA211	Engineering Mathematics-III	4	BTBSC301	Engineering Mathematics III	4
2	CS211	Discrete Mathematical	4	BTITC403	Discrete Structures and Applications	4
3	CS212	Digital System and Microprocessor	4	BTITC302	Switching Theory and Logic Design	3
4	CS213	Data Structures with C	4	BTITC402	Data Structures and Applications	4
5	CS214	Data Communication	4	BTBSE3405A/ BTITE305B/ BTITE305C/ BTHM302	Elective I	3
6	CS212L	Digital System and Microprocessor Lab	1	BTITL306	Switching Theory and Logic Design Lab	1
7	CS213L	Data Structures Lab	2	BTITL408	Data Structures and Applications Lab	2
8	CS215L	Unix And Shell Programming	2	BTITL308	Programming Lab (Python)	2

Total Credits of Third Semester at Shivaji University Kolhapur – 25

SEMESTER-IV

Sr. No.	Shivaji University Subjects			Equivalent Subject to DBATU		
	Code	Subject	Credit	Code	Subject	Credit
1	CS221	Theory of Computation	4	BTITC302	Switching Theory and Logic Design	3
2	CS222	Advanced Microprocessor	4	BTITC401	Microprocessors and Microcontrollers	3
3	CS2223	Computer Organization	4	BTCOC304	Computer Architecture and Organization	3
	CS224	Computer Networks	4	BTITC404	Internetworking Protocols	3
5	CS225	Computational Mathematics	4	BTITC303	Object Oriented Paradigm with C++	4
6	CS222L	Advanced Microprocessor Lab	1	BTITL407	Microprocessors and Micro-controllers Lab	1
7	CS225L	Computer Networks Lab	1	BTITL409	Internetworking Protocols Lab	1
8	CS226L	Object Oriented Lab	3	BTITL307	Object Oriented Paradigm with C++ Lab	1

Total Credits of Fourth Semester at Shivaji University Kolhapur – 25

- **For students getting transferred to DBATU after passing all the subjects of Second Year at Shivaji University,Kolhapur: The CGPA will be carried forward and the credits earned will be considered at actual.**

- **For students getting transferred to DBATU after passing all the subjects of either Third or Fourth Semester at Shivaji University,Kolhapur: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.**

- **For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per Shivaji University,Kolhapur for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:**

* Grade Point Calculation for Students transferred from Shivaji University, Kolhapur to DBATU *

Total Marks (100) = End Semester Marks of DBATU * 1.66

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

SEMESTER-III

Sr. No.	Shivaji University Subjects			Equivalent Subject to DBATU		
	Code	Subject	Credit	Code	Subject	Credit
1	CI201	Engineering Mathematics III	4	BTBSC301	Engineering Mathematics III	4
2	CI202	Discrete Mathematics	4	BTITC403	Discrete Structures and Applications	4
3	CI203	Data Structures	4	BTITC402	Data Structures and Applications	4
4	CI204	Digital System	4	BTITC302	Switching Theory and Logic Design	3
5	CI205	Economics for Engineers	3	BTBSE406A/ BTITE406B/ BTITE406C	Elective II	3
6		Programming Lab-I	1	BTIL308	Programming Lab (Python)	2
7		Data Structures	1	BTITL408	Data Structures and Applications Lab	2
8		Digital System	1	BTITL306	Switching Theory and Logic Design Lab	1

Total Credits of Third Semester at SRTMUN-22

SEMESTER-IV

Sr. No.	Shivaji University Subjects			Equivalent Subject to DBATU		
	Code	Subject	Credit	Code	Subject	Credit
1	CI208	Microprocessors & Microcontrollers	4	BTITC401	Microprocessors and Microcontrollers	3
2	CI209	Computer Algorithms	4	BTITC404	Internetworking Protocols	3
3	CI210	System Programming	4	BTCOC304	Computer Architecture and Organization	3
	CI211	Object Oriented Programming with C++	4	BTITC303	Object Oriented Paradigm with C++	4
5	CI212	Numerical Methods & Scientific Computing	4	BTID405	Product Design Engineering	3
6	CI213	Programming Lab II	1	BTIL409	Internetworking Protocols Lab	2
7		Microprocessors & Microcontrollers	1	BTITL407	Microprocessors and Micro-controllers Lab	2
		Object Oriented Programming with C++	1	BTITL307	Object Oriented Paradigm with C++ Lab	1
8	CI214	Mini Project	1	BTITF310	Field Training / Internship/Industrial Training - I Evaluation	1

Total Credits of Fourth Semester at <mark>SRTMUN-23</mark>

- For students getting transferred to DBATU after passing all the subjects of Second Year at SRTMU, Nanded: The CGPA will be carried forward and the credits earned will be considered at actual.

- For students getting transferred to DBATU after passing all the subjects of either Thied or Fourth Semester at SRTMU, Nanded: The SGPA of such semester will be carried forward and the credits earned will be considered at actual. However, for the semester in which the student is failing in at least one of the subjects, this clause will not be applicable.

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject of DBATU Lonere as mentioned in the table above. The Grades obtained and the corresponding grade points will be same as per SRTMU, Nanded for the subjects in which the student is passed from DBATU. The grade calculation for the subjects passed in DBATU will be as follows:

* Grade Point Calculation for Students transferred from SRTMUN to DBATU *

Total Marks (100) = (INT of SRTMUN * 2) + End Semester Marks of DBATU