



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalence Report

Equivalent Subjects of Second Year Mechanical Engineering. from NMU Jalgaon to DBATU

SEMESTER-III

Sr. No	NMU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	123101	Fluid Mechanics	4	BTMEC303	Fluid Mechanics	4
2	123102	Engineering Thermodynamics	3	BTMEC305	Thermodynamics	4
3	123103	Strength of Materials	4	BTMEC403	Strength of Materials	4
4	123104	Material Science and Metallurgy	3	BTMEC302	Materials Science and Metallurgy	4
5	123105	Manufacturing Engineering –I	3	BTMEC401	Manufacturing Processes - I	3
6	123308	Fluid Mechanics Lab	1	BTMEL308	Fluid Mechanics Lab	1
7	123309	Material Science and Metallurgy Lab	1	BTMEL307	Materials Science and Metallurgy Lab	1
8	123310	Workshop Practice –III	1	BTMEL407	Manufacturing Processes Lab – I	1

Total Credits of Third Semester at NMU, Jalgaon- 23

SEMESTER-IV

Sr. No.	NMU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	124111	Engineering Mathematics -III	4	BTBSC301	Engineering Mathematics - III	4
2	124112	Theory of Machines -I	3	BTMEC402	Theory of Machines-I	4
3	124113	Applied Thermodynamics	4	BTMEC404	Numerical Methods in Mechanical Engineering	3
4	124114	Basic Electrical Drives and Controls	3	BTMEC304	Machine Drawing and CAD	2
5	124115	Manufacturing Engineering -II	3	BTBSE406A/ BTBSE3405A/ BTHM3402	Elective I	3
6	124318	Applied Thermodynamics Lab.	1	BTMEL410	Numerical Methods Lab	1
7	124219	Theory of Machines -I Lab	1	BTMEL408	Theory of Machines Lab- I	1
8	124320	Workshop Practice- IV	1	BTID405	Product Design Engineering – I	2

Total Credits of Fourth Semester at NMU, Jalgaon- 23

- For students getting transferred to DBATU after passing all the subjects of Second Year at NMU Jalgaon: 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 NMU Jalgaon: 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 NMU for the subjects in which the student is passed from NMU. The grade calculation for the subjects passed in DBATU will be as follows:

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

$$\text{Total Marks (100)} = (\text{INT of NMU} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

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

SEMESTER-III

Sr. No.	Dr.BAMU Subject (Syll. 2018-19)			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.	MED202	Thermodynamics-I	4	BTMEC305	Thermodynamics	4
3.	MED203	Machine Drawing	4	BTMEC304	Machine Drawing and CAD	2
4.	MED204	Strength of Materials	4	BTMEC403	Strength of Materials	4
5.	MED205	Production Processes	4	BTMEC401	Manufacturing Processes - I	3
6.	MED221	Lab 1: Thermodynamics-I	1	BTMEL409	Strength of Materials Lab	1
7.	MED222	Lab 2: Machine Drawing	1	BTMEL309	Machine Drawing and CAD Lab	2
8.	MED224	Lab 4: Workshop Practice-III	1	BTMEL407	Manufacturing Processes Lab– I	1
9.	MED225	Lab 5: Computer Aided Drafting	2	BTMEL410	Numerical Methods Lab	1

Total Credits of Third Semester at BAMU, Aurangabad - 26

SEMESTER-IV

Sr. No.	Dr.BAMU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1.	BSH251	Engineering Mathematics-IV	4	BTMEC404	Numerical Methods in Mechanical Engineering	3
2.	MED252	Thermodynamics-II	4	BTMEC303	Fluid Mechanics	4
3.	MED253	Theory of Machines-I	4	BTMEC402	Theory of Machines-I	4
4.	MED254	Electrical Machines	4	BTMEC302	Materials Science and Metallurgy	4
5.	MED255	Machine Tools	4	BTBSE406A/BT BSE3405A/BTH M3402	Elective I	3
6.	MED271	Lab 6: Thermodynamics-II	1	BTMEL308	Fluid Mechanics Lab	1
7.	MED272	Lab 7: Theory of Machines-I	1	BTMEL408	Theory of Machines Lab- I	1
8.	MED274	Lab 9: Workshop Practice-IV	1	BTID405	Product Design Engineering – I	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 ***

$$\text{Total Marks (100)} = (\text{INT of DBAMU} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from RTMU Nagpur to DBATU

SEMESTER-III

Sr. No	RTMNU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	BEME301T	Applied Mathematics-III	4	BTBSC301	Engineering Mathematics-III	4
2	BEME302T	Kinematics of Machine	4	BTMEC402	Theory of Machines-I	4
3	BEME303T	Fluid Mechanics	4	BTMEC303	Fluid Mechanics	4
4	BEME304T	Manufacturing Processes	4	BTMEC401	Manufacturing Processes - I	3
5	BEME305T	Engineering Metallurgy	4	BTMEC302	Materials Science and Metallurgy	4
6	BEME304P	Manufacturing Processes	1	BTMEL407	Manufacturing Processes Lab – I	1
7	BEME305P	Engineering Metallurgy	1	BTMEL307	Materials Science and Metallurgy Lab	1
8	BEME306P	Machine Drawing	4	PCC 4	Machine Drawing and CAD Lab	1

Total Credits of Third Semester at RTMU, Nagpur - 28

SEMESTER-IV

Sr. No	RTMNU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	BEME401T	Applied Mathematics- IV	4	BTMEC404	Numerical Methods in Mechanical Engineering	3
2	BEME402T	Engineering Thermodynamics	4	BTMEC305	Thermodynamics	4
3	BEME403T	Hydraulic Machines	4	BTBSE406A/ BTBSE3405A/ BTHM3402	Elective I	3
4	BEME404T	Machining Processes	4	BTMEC304	Machine Drawing and CAD	2
5	BEME405T	Mechanics of Material	4	BTMEC403	Strength of Materials	4
6	BEME405P	Mechanics of Material	1	BTMEL409	Strength of Materials Lab	1
7	BEME404P	Machining Processes	1	BTID405	Product Design Engineering – I	2
8	BEME403P	Hydraulic Machines	1	BTMEL308	Fluid Mechanics Lab	1

Total Credits of Fourth Semester at RTMU, Nagpur - 25

- 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
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DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from SGBAU Amravati to DBATU

SEMESTER-III

Sr. No.	SGBAU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	3ME01	Mathematics-III		BTBSC301	Engineering Mathematics-III	4
2	3ME02/ 3PE02	Mechanics of Materials / Strength of Materials		BTMEC403	Strength of Materials	4
3	3ME03	Fluid Power-I		BTMEC303	Fluid Mechanics	4
4	3ME04	Engineering Thermodynamics		BTMEC305	Thermodynamics	4
5	3ME05	Manufacturing Processes-I		BTMEC401	Manufacturing Processes - I	3
6	3ME06 / 3PE06	Mechanics of Material-Lab. / Strength of Materials-Lab.		BTMEL409	Strength of Materials Lab	1
7	3ME07	Fluid Power-I-Lab.		BTMEL308	Fluid Mechanics Lab	1
8	3ME08	Manufacturing Processes-I –Lab.		BTMEL407	Manufacturing Processes Lab – I	1

SEMESTER-IV

Sr. No.	SGBAU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	4ME01 /4PE01	Basic Electrical Drives & Control		BTMEC402	Theory of Machines-I	4
2	4ME02	Engineering Metallurgy		BTMEC302	Materials Science and Metallurgy	4
3	4ME03	Energy Conversion-I		BTBSE406A/BT BSE3405A/BTH M3402	Elective I	3
4	4ME04	Manufacturing Processes -II		BTMEC404	Numerical Methods in Mechanical Engineering	3
5	4ME05	Machine Design & Drawing-I		BTMEC304	Machine Drawing and CAD	2
6	4ME06 / 4PE06	Basic Electrical Drives & Control-Lab.		BTMEL410	Numerical Methods Lab	1
7	4ME07	Engineering Metallurgy-Lab.		BTMEL307	Materials Science and Metallurgy Lab	1
8	4ME09	Manufacturing Processes–II-Lab.		BTID405	Product Design Engineering – I	2

- For students getting transferred to DBATU after passing all the subjects of Second Year at SGBAU AMRAVATI: 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 SGBAU AMRAVATI: 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 SGBAU AMRAVATI 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 SGBAU AMRAVATI to DBATU ***

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



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from SU, Solapur to DBATU

SEMESTER-III

Sr. No.	Solapur University Subjects (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	ME211	Analysis of Mechanical Elements	3	BTMEC403	Strength of Materials	4
2	ME212	Applied Thermodynamics	3	BTMEC305	Thermodynamics	4
3	ME213	Engineering Mathematics -III	3	BTBSC301	Engineering Mathematics-III	4
4	ME214	Manufacturing Processes	3	BTMEC401	Manufacturing Processes - I	3
5	ME215	Machine Drawing	3	BTMEC304	Machine Drawing and CAD	2
6	ME212	Applied Thermodynamics	1	BTMEL409	Strength of Materials Lab	1
7	ME215	Machine Drawing	2	BTMEL309	Machine Drawing and CAD Lab	2
8	ME216	Professional Elective-I Computer Programming in C ++, Dot Net, General Proficiency	2	ICT106L	Basic Computer Programming Laboratory	3

Total Credits of Third Semester at SU, Solapur – 24

SEMESTER-IV

Sr. No.	Solapur University Subjects (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	ME221	Theory of Machine-I	3	BTMEC402	Theory of Machines-I	4
2	ME222	Machine Tools & Processes	3	BTMEC302	Materials Science and Metallurgy	4
3	ME223	Fluid Mechanics	3	BTMEC303	Fluid Mechanics	4
4	ME224	Electrical Technology and Electronics	3	BTBSE406A/BT BSE3405A/BTH M3402	Elective I	3
5	ME225	Professional Elective-II Computational Techniques & Numerical Methods, Simulation Techniques	3	BTMEC404	Numerical Methods in Mechanical Engineering	3
6	ME223	Fluid Mechanics	1	BTMEL308	Fluid Mechanics Lab	1
7	ME226	Computer Aided Machine Drawing	1	BTID405	Product Design Engineering – I	2

Total Credits of Fourth Semester at SU, Solapur – 23

- For students getting transferred to DBATU after passing all the subjects of Second Year at SU, Solapur: 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 SU, Solapur: 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 Solapur University for the subjects in which the student is passed from SU, Solapur. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from Solapur University to
DBATU ***

$$\text{Total Marks (100)} = (\text{INT of Solapur University} * 1.33) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

**Equivalent Subjects of Second Year Mechanical Engineering from Shivaji University
Kolhapur to DBATU**

SEMESTER-III

Sr. No.	Shivaji University Subjects (Syll. 2018-19)			Equivalent Subject to DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	ME211	Numerical Methods	5	BTMEC404	Numerical Methods in Mechanical Engineering	3
2	ME212	Electrical Technology and Computer Programming C++	4	BTMEC304	Machine Drawing and CAD	2
3	ME213	Engineering Thermodynamics	3	BTMEC305	Thermodynamics	4
4	ME214	Manufacturing Engineering. – I	4	BTMEC401	Manufacturing Processes - I	3
5	ME215	Fluid Mechanics	3	BTMEC303	Fluid Mechanics	4
6	ME216	Engineering Thermodynamics Laboratory	1	BTID405	Product Design Engineering – I	2
7	ME218	Machine Drawing	2	BTMEL309	Machine Drawing and CAD Lab	2
8	ME219	Fluid Mechanics Laboratory	1	BTMEL308	Fluid Mechanics Lab	1

Total Credits of Third Semester at Shivaji University Kolhapur – 25

SEMESTER-IV

Sr. No.	Shivaji University Subjects(Syll. 2018-19)			Equivalent Subject to DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	ME221	Applied Mathematics	5	BTBSC301	Engineering Mathematics-III	4
2	ME222	Mechanics of Material	5	BTMEC403	Strength of Materials	4
3	ME223	Theory of Machine – I	4	BTMEC402	Theory of Machines-I	4
4	ME224	Fluid and Turbo Machinery	3	BTBSE406A/B TBSE3405A/B THM3402	Elective I	3
5	ME225	Material Science and Metallurgy	4	BTMEC302	Materials Science and Metallurgy	4
6	ME226	Fluid and Turbo machinery Laboratory	1	BTMEL409	Strength of Materials Lab	1
7	ME227	Material Science and Metallurgy Laboratory	1	BTMEL307	Materials Science and Metallurgy Lab	1
8	ME228	Workshop Practice – II	1	BTMEL407	Manufacturing Processes Lab – I	1
9	ME229	Theory of Machine – I	1	BTMEL408	Theory of Machines	1

		Laboratory			Lab- I	
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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 for the subjects in which the student is passed from Shivaji University, Kolhapur. 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 ***

$$\text{Total Marks (100)} = (\text{INT of Shivaji University} * 0.8) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from MU Mumbai to DBATU

SEMESTER-III

Sr. No.	MU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Pt.	Code	Subject	Credit Pt.
1	MEC301	Applied Mathematics III	4	BTBSC301	Engineering Mathematics-III	4
2	MEC302	Thermodynamics	4	BTMEC305	Thermodynamics	4
3	MEC303	Strength of Materials	4	BTMEC403	Strength of Materials	4
4	MEC304	Production Process I	4	BTMEC401	Manufacturing Processes - I	3
5	MEC305	Material Technology	3	BTMEC302	Materials Science and Metallurgy	4
6	MEL301	Computer Aided Machine Drawing	3	BTMEL309	Machine Drawing and CAD Lab	2
7	MEL302	Strength of Material	1	BTMEL409	Strength of Materials Lab	1

Total Credits of Third Semester at MU, Mumbai- 26

SEMESTER-IV

Sr. No.	MU Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit Pt.	Code	Subject	Credit Pt.
1	MEC401	Applied Mathematics IV	4	BTMEC404	Numerical Methods in Mechanical Engineering	3
2	MEC402	Fluid Mechanics	4	BTMEC303	Fluid Mechanics	4
3	MEC403	Industrial Electronics	3	BTMEC304	Machine Drawing and CAD	2
4	MEC404	Production Process II	4	BTBSE406A/B TBSE3405A/BT HM3402	Elective I	3
5	MEC405	Kinematics of Machinery	4	BTMEC402	Theory of Machines-I	4
6	MEL401	Data Base and Information Retrieval	2	BTMEL408	Theory of Machines Lab- I	1
7	MEL402	Fluid Mechanics	1	BTMEL308	Fluid Mechanics Lab	1
8	MEL403	Industrial Electronics	1	BTID405	Product Design Engineering – I	2
9	MEL405	Machine Shop Practice II	2	BTMEL407	Manufacturing Processes Lab – I	1

Total Credits of Fourth Semester at MU, Mumbai- 26

- For students getting transferred to DBATU after passing all the subjects of Second year at MU Mumbai: 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 MU Mumbai: 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 MU Mumbai for the subjects in which the student is passed from MU. The grade calculation for the subjects passed in DBATU will be as follows:

*** Grade Point Calculation for Students transferred from MU Mumbai to DBATU ***

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



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from SPPU Pune to DBATU

SEMESTER-III

Sr. No.	SPPU Pune Subject (Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	207002	Engineering Mathematics – III	5	BTBSC301	Engineering Mathematics-III	4
2	202041	Manufacturing Process-I	3	BTMEC401	Manufacturing Processes - I	4
3	202043	Thermodynamics	4	BTMEC305	Thermodynamics	4
4	202044	Material Science	3	BTMEC302	Materials Science and Metallurgy	4
5	202051	Strength of Materials	4	BTMEC403	Strength of Materials	4
6		Computer Aided Machine Drawing	1	BTMEL309	Machine Drawing and CAD Lab	2
7		Thermodynamics	1	BTMEL307	Materials Science and Metallurgy Lab	1
8		Strength of Materials	1	BTMEL409	Strength of Materials Lab	1

Total Credits of Third Semester at SPPU, Pune - 25

SEMESTER-IV

Sr. No.	SPPU Pune Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	202045	Fluid Mechanics	4	BTMEC303	Fluid Mechanics	4
2	202048	Theory of Machines – I	4	BTMEC402	Theory of Machines-I	4
3	202049	Engineering Metallurgy	3	BTMEC304	Machine Drawing and CAD	2
4	202050	Applied Thermodynamics	4	BTBSE406A/BT BSE3405A/BTH M3402	Elective I	3
5	203152	Electrical and Electronics Engineering	3	BTMEC404	Numerical Methods in Mechanical Engineering	3
6		Machine Shop – I	1	BTMEL407	Manufacturing Processes Lab – I	1
7		Theory of Machines – I	1	BTMEL408	Theory of Machines Lab- I	1
8		Engineering Metallurgy	1	BTMEL307	Materials Science and Metallurgy Lab	1

Total Credits of Fourth Semester at SPPU, Pune - 25

- For students getting transferred to DBATU after passing all the subjects of Second Year at SPPU Pune: 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 SPPU Pune: 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 SPPU Pune 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 SPPU Pune to DBATU ***

$$\text{Total Marks (100)} = \text{End Semester Marks of DBATU} * 1.66$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from SRTMUN to DBATU

SEMESTER-III

Sr. No.	SRTMUN Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	M-201	Engineering Math-III	4	BTBSC301	Engineering Mathematics-III	4
2	M-202	Engineering Thermodynamics	4	BTMEC305	Thermodynamics	4
3	M-203	Engineering Metallurgy	4	BTMEC302	Materials Science and Metallurgy	4
4	M-204	Mechanical Measurement & Metrology	4	BTBSE406A/BT BSE3405A/BTH M3402	Elective I	3
5	M-205	Strength of Material	4	BTMEC403	Strength of Materials	4
6		Engineering Thermodynamics	1	BTMEL410	Numerical Methods Lab	1
7		Engineering Metallurgy	1	BTMEL307	Materials Science and Metallurgy Lab	1
8		Mechanical Measurement & Metrology	1	BTID405	Product Design Engineering – I	2
9		Strength of Material	1	BTMEL409	Strength of Materials Lab	1

Total Credits of Third Semester at SRTMUN, Nanded - 24

SEMESTER-IV

Sr. No.	SRTMUN Subject(Syll. 2018-19)			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	M-206	Engineering Math-IV	4	BTMEC404	Numerical Methods in Mechanical Engineering	3
2	M-207	Theory of Machine	4	BTMEC402	Theory of Machines-I	4
3	M-208	Manufacturing Technology – I	4	BTMEC401	Manufacturing Processes - I	3
4	M-209	Fluid Mechanics & Hydraulics Machines	4	BTMEC303	Fluid Mechanics	4
5	M-210	Machine Design & CAD	4	BTMEC304	Machine Drawing and CAD	2
6		Theory of Machine	1	BTMEL408	Theory of Machines Lab- I	1
7		Manufacturing Technology – I	1	BTMEL407	Manufacturing Processes Lab – I	1
8		Fluid Mechanics & Hydraulics Machines	1	BTMEL308	Fluid Mechanics Lab	1
9		Machine Design & CAD	1	BTMEL309	Machine Drawing and CAD Lab	2

Total Credits of Fourth Semester at SRTMUN, Nanded - 24

- 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 Third 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 ***

$$\text{Total Marks (100)} = (\text{INT of SRTMUN} * 2) + \text{End Semester Marks of DBATU}$$



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Equivalent Subjects of Second Year Mechanical Engineering from Gondwana University, Gadchiroli to DBATU

SEMESTER-III

Sr. No.	Gondwana University, Gadchiroli Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	ME 301	Engineering Math-III	4	BTBSC301	Engineering Mathematics-III	4
2	ME 302	Fluid Mechanics	4	BTMEC303	Fluid Mechanics	4
3	ME 303	Theory of Machines-I	4	BTMEC402	Theory of Machines-I	4
4	ME 304	Manufacturing Process-I	4	BTMEC401	Manufacturing Processes - I	3
5	ME 305	Engineering Metallurgy	4	BTMEC302	Materials Science and Metallurgy	4
6	ME 306	Machine Drawing and Computer Graphics	1	BTMEL309	Machine Drawing and CAD Lab	2
7	ME 307	Manufacturing Process-I	1	BTMEL407	Manufacturing Processes Lab – I	1
8	ME 308	Engineering Metallurgy	1	BTMEL307	Materials Science and Metallurgy Lab	1

Total Credits of Third Semester at Gondwana University, Gadchiroli - 24

SEMESTER-IV

Sr. No.	SRTMUN Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1	ME 401	Applied Mathematics-IV	4	BTMEC404	Numerical Methods in Mechanical Engineering	3
2	ME 402	Engineering Thermodynamics	4	BTMEC305	Thermodynamics	4
3	ME 403	Strength of Materials	4	BTMEC403	Strength of Materials	4
4	ME 404	Manufacturing Processes-II	4	BTMEC304	Machine Drawing and CAD	2
5	ME 405	Hydraulic Machines	4	BTBSE406A/BT BSE3405A/BTH M3402	Elective I	3
6	ME 406	Manufacturing Processes-II	1	BTMEL308	Fluid Mechanics Lab	1
7	ME 407	Hydraulic Machines	1	BTID405	Product Design Engineering – I	2
8	ME 408	Strength of Materials	1	BTMEL409	Strength of Materials Lab	1

Total Credits of Fourth Semester at Gondwana University, Gadchiroli - 24

- 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 Third 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.
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*** Grade Point Calculation for Students transferred from SRTMUN to DBATU ***

$$\text{Total Marks (100)} = (\text{INT of SRTMUN} * 2) + \text{End Semester Marks of DBATU}$$