



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

**Equivalence Report for
Equivalent subjects of Second year Automobile Engineering from Shivaji
University, Kolhapur to DBATU**

SEMESTER-I

Sr. No.	Dr.BAMU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1.		Engineering Mathematics III		BTBSC301	Engineering Mathematics-III	4
2.		Electrical Technology		BTAMC401	Theory of Automotive Engines	4
3.		Applied Thermodynamics		BTAMC402	Engineering Thermodynamics	4
4.		Automotive Materials and Manufacturing		BTAMC304	Automotive Component Drawing and Computer Aided Drafting	2
5.		Fluid Mechanics		BTAMC303	Fluid Mechanics and Machines	4
6.		Instrumentation Laboratory		BTAML407	Theory of Automotive Engines Lab	1
7.		Automotive Component Drawing		BTAML309	Automotive Component Drawing and Computer Aided Drafting Lab	1
8.		Workshop Practice-III		BTAML308	Fluid Mechanics and Machines Lab	1

SEMESTER-II

Sr. No.	Dr.BAMU Subject			Equivalent Subject at DBATU (Syll. 2018-19)		
	Code	Subject	Credit	Code	Subject	Credit
1.		Computational Methods		BTMEC404	Numerical Methods in Mechanical Engineering	3
2.		Kinematics of Machines		BTPRC305	Theory of Machines	3
3.		Metallurgy and Metal Treatment		BTMEC302	Material Science and Metallurgy	4
4.		Fluid Machinery		BTBSE406A/ BTBSE3405A /BTHM3402	Elective	3
5.		Strength of Materials		BTMEC403	Strength of Materials	4
6.		Computer Programming in C++		BTID405	Product Design Engineering - I	2
7.		Workshop Practice-IV			Theory of Machines Lab	1

- For students getting transferred to DBATU after passing all the subjects of Second Year at Shivaji University Kolhapur: The total marks will be carried forward at actual and CGPA will be calculated by following conversion as mentioned in Shivaji University Kolhapur.

CONVERSION OF CGPA TO PERCENTAGE MARKS AND VICE VERSA

$$\text{Percentage Marks} = ((\text{CGPA} * 10) - 0.75)$$

- For students getting transferred to DBATU failed in at least one of the subjects will have to appear for the equivalent subject from DBATU Lonere as mentioned in the table above. The total marks obtained at end semester exam of DBATU will be converted to Hundred by following conversion. Once student clears all subjects, CGPA will be calculated by above formula.

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