



VJTI MUMBAI

वीरमाता जिजाबाई तंत्रज्ञान संस्था

Veermata Jijabai Technological Institute

(Autonomous Institute of Govt. of Maharashtra)

H. R. Mahajani Road, Matunga (East), Mumbai - 400 019

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MOHAMMED QADEER

REG. NO. 202180006

Semester-wise Performance:

Semester	I	II	III	IV
CPI	6.92	7.39	7.75	8.19
SPI	6.92	7.84	10.00	9.75

Sem.	Course Code	Course Name	Hr/Week			Cr	Examination Scheme (Evaluation in % Weightage)					ESE Hrs.	Obtained Grade	
			L	T	P		TA %	IST %	ESE %	CIE %	Total		Grade	Grade Points
I	ME5011S	Computational Methods	3	1	0	4.00	20	20	60	-	100	3	CC	6
I	ME5119S	Energy Conservation & Management	3	1	0	4.00	20	20	60	-	100	3	BC	7
I	ME5041S	Advanced Thermodynamics	3	1	0	4.00	20	20	60	-	100	3	CC	6
I	ME5042T	Advanced Fluid Dynamics	3	0	0	3.00	20	20	60	-	100	3	BB	8
I	ME5043T	Conduction & Radiation	3	0	0	3.00	20	20	60	-	100	3	BC	7
I	ME5141T	Advanced Refrigeration and Air Conditioning	3	0	0	3.00	20	20	60	-	100	3	BC	7
I	ME5042P	Advanced Fluid Dynamics Lab	0	0	2	1.00	-	-	-	100	100	-	BC	7
I	ME5043P	Conduction & Radiation Lab	0	0	2	1.00	-	-	-	100	100	-	AA	10
I	ME5141P	Advanced Refrigeration and Air Conditioning Lab	0	0	2	1.00	-	-	-	100	100	-	BC	7
II	ME5015S	Research Methodologies	3	1	0	4.00	20	20	60	-	100	3	BB	8
II	ME5044S	Design of Heat Exchange Equipments	3	1	0	4.00	20	20	60	-	100	3	BB	8
II	ME5045T	Convective Heat Flow & Microfluidics	3	0	0	3.00	20	20	60	-	100	3	AB	9
II	ME5046T	Computational Fluid Dynamics	3	0	0	3.00	20	20	60	-	100	3	AB	9
II	ME5143S	Cryogenics	3	0	0	3.00	20	20	60	-	100	3	CD	5
II	ME5146T	Energy Conversion Systems	3	0	0	3.00	20	20	60	-	100	3	CC	6
II	ME5801D	Technical Seminar	0	0	4	2.00	-	-	-	100	100	-	AA	10
II	ME5045P	Convective Heat Flow & Microfluidics Lab	0	0	2	1.00	-	-	-	100	100	-	AB	9
II	ME5046P	Computational Fluid Dynamics Lab	0	0	2	1.00	-	-	-	100	100	-	BB	8
II	ME5146P	Energy Conversion Systems Lab	0	0	2	1.00	-	-	-	100	100	-	BB	8
III	ME6901D	Stage – I Presentation	-	-	-	4.00	-	-	-	-	-	-	AA	10
III	ME6902D	Stage – II Presentation	-	-	-	4.00	-	-	-	-	-	-	AA	10
IV	ME6903D	Stage – III Presentation	-	-	-	4.00	-	-	-	-	-	-	AB	9
IV	ME6904D	Presentation and Viva Voce	-	-	-	12.00	-	-	-	-	-	-	AA	10



Controller of Examinations
Degree

(The Transcript is Official only if it bears COE Signature and Institute Seal)



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1. Abbreviations:

L – Lectures hour per week

Cr – Credits

ESE – End Semester Written Examination

SPI – Semester Performance Index

CPI – Cumulative Performance Index

P – Practical hour per week, T – Tutorial hour per week

TA / ISCE – Teacher Assessment / In Semester Continuous Evaluation

IST / MST – In Semester Tests / Mid Semester Test

ESE(Hrs.) – End Semester Written Examination (Duration)

CIE – Continuous In-Semester Evaluation

Industry – Academia Interaction: Wednesday afternoon slot will be used. Module or broad subject outline will be decided by the course coordinator. Lectures as per module in the defined areas of eminent personalities from industry or academia will be arranged. Assessment will be done on the attendance of the students for the module. More than 75%: Attended, otherwise: Not Attended – F.Y.B.Tech. More than 60%: Attended, otherwise: Not Attended – S.Y.B.Tech onwards...

E – Library/Internet: Every theory course must have at least one assignment or case-study which requires exhaustive internet search/support.

2. Credit System

Each course has a credit associated with it. For a theory course, one lecture hour carries 1 credit, and a lab course is of 0.5 credits.

3. Performance Evaluation System and Award of Grades

At the end of every semester, a student is awarded a grade based on his / her performance in every course registered by him / her. These grades are described by the letter AA, AB, BB etc. and have a numerical equivalent called the grade points as given below.

AA	AB	BB	BC	CC	CD	DD	FF
10	9	8	7	6	5	4	0
Outstanding	Excellent	Very Good	Good	Satisfactory	Average	Marginal	Very Weak

Other grades like: II: Incomplete due to non-appearance in ESE, eligible for re-exam, RR: Eligible for repeat course due to lack of attendance, PP / NP: Pass / Not Pass, & AU: Audit Course.

Most recent grade for the course shall be taken into account for the computation of SPI / CPI

Semester Performance Index (SPI) measures the performance of a student in a particular semester, which is weighted average for the grades secured in all the courses taken in a semester.

Example:

A student has registered for 10 courses in a Semester, out of which three are 3 credits, one is 0 credit, one is 4 credit, one is 5 credit and four are 1.5 credit courses i.e. a total of (3x3 + 1x0 + 1x4 + 1x5 + 4x1.5) 24 credits.

If the student secures BB, BC, AA, DD, BC, BB, AB, AA, AB, BB grades respectively in these courses, SPI will be calculated as;

$$SPI = (3 \times 8 + 3 \times 7 + 3 \times 10 + 0 \times 4 + 4 \times 7 + 5 \times 8 + 1.5 \times (9 + 10 + 9 + 8)) / 24 = 8.21$$

Cumulative Performance Index (CPI) measures the performance of a student from the start of the programme till the end of a particular semester, taking into account performances in all courses passed by a student up to the semester for which the CPI is calculated.

Minimum passing grade in a course is DD for all Undergraduate and Postgraduate Programmes.

A student with grade FF / II is entitled for up to four additional examination attempts. If the student does not pass in these, he / she has to repeat the course, whenever it is offered next.

The Institute follows relative grading system on a scale of 10.0, which cannot be converted into any other scale or percentage. However, as indicated by All India Council for Technical Education, New Delhi, a statutory body of Ministry of Human Resources Development, Government of India, equivalent percentage of marks for CPI can be obtained using following equation, if required.

$$\text{Equivalent Percentage} = (CPI - 0.75) \times 10$$

A CPI of 6.75 or more at the end of programme is considered equivalent to a First Class.



(Signature)

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