



V J T I

**Veermata Jijabai Technological
Institute**

(Central Technological Institute, Maharashtra State, INDIA)
H. R. Mahajani Marg, Matunga, Mumbai 400019
Tel.No +91 22 24198101-02 Fax: +91 22 24102874
www.vjti.ac.in

1887-2017
130
Years of
Technical Excellence

An Autonomous Institute Affiliated to University of Mumbai

Ref: TRANS/UG/219/2017

10th August, 2017

Official Transcript of Academic Record of

DIVEKAR ABHISHEK RAJAN

REG. NO. 131080051

Year of Admission: 2013 – 2014

Admitted to: Bachelor of Technology (B. Tech.) in Information Technology

Duration of the Programme: 8 Semesters (4 Years)

Year of Graduation: 2016 – 2017

Cumulative Performance Index: **8.74**

- Veermata Jijabai Technological Institute (known as Victoria Jubilee Technical Institute prior to January 26, 1997) was established in 1887 and is one of the premier Institutes in India. The Institute conducts various diploma, post-diploma, graduate and post graduate programmes in the fields of Civil, Computer, Electrical, Electronics, Production, Mechanical, Textile and Information Technology and related fields.
- The admission to the diploma programmes are strictly on merit based on their Secondary School Certificate examination.
The admissions to the under graduate degree programmes are strictly on merit based on the state level test conducted by the State Government of Maharashtra after their Higher Secondary Certificate examination.
Candidates who complete their Diploma, a three year programme after Secondary School Certificate examination, are also admitted directly to the second year of the under graduate degree programmes strictly on merit.
The admissions to the postgraduate programmes are strictly on merit based on GATE examination conducted by IIT.
- The Institute has been awarded status of Autonomous Institute since 2004-2005. The Institute is affiliated to University of Mumbai (known as University of Bombay prior to 1996). The Degree is conferred by the University of Mumbai.
- The medium of instruction at this institute is **English**.



**Controller of Examinations
Degree**

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



V J T I
Veermata Jijabai Technological
Institute

(Central Technological Institute, Maharashtra State, INDIA)
 H. R. Mahajani Marg, Matunga, Mumbai 400019
 Tel.No +91 22 24198101-02 Fax: +91 22 24102874
 www.vjti.ac.in

1887-2017
130
Years of
Technical Excellence

DIVEKAR ABHISHEK RAJAN

REG. NO. 131080051

Semester-wise Performance:

Semester	I	II	III	IV	V	VI	VII	VIII
CPI	8.33	8.07	8.35	8.24	8.47	8.59	8.64	8.74
SPI	8.33	7.81	8.83	7.90	9.42	9.19	8.96	9.38

Sem.	Course Code	Course Name	Hr/Week			Cr	Examination Scheme (Evaluation in % Weightage)					ESE Hrs.	Obtained Grade	
			L	T	P		TA	IST	ESE (W)	ESE (O/P)	Total		Grade	Grade Points
I	AS1001	Applied Science – I	-	-	3	1.5	50	-	-	50	100	-	AA	10
I	CC4011	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
I	CH0001	Applied Chemistry – I	3	-	-	3.0	10	30	60	-	100	3	BC	7
I	MA0001	Applied Mathematics – I	4	1	-	5.0	10	30	60	-	100	3	BC	7
I	ME0001	Engineering Graphics	2	1	-	3.0	10	30	60	-	100	3	AA	10
I	ME1001	Engineering Graphics Lab	-	-	3	1.5	50	-	-	50	100	-	AB	9
I	ME1002	Workshop	-	-	3	1.5	50	-	-	50	100	-	AA	10
I	PH0001	Applied Physics – I	3	-	-	3.0	10	30	60	-	100	3	BC	7
I	SE0001	Applied Mechanics	3	1	-	4.0	10	30	60	-	100	3	AB	9
I	SE1001	Applied Mechanics Lab	-	-	3	1.5	50	-	-	50	100	-	AB	9
II	AS1002	Applied Science II	-	-	3	1.5	50	-	-	50	100	-	AA	10
II	CC4021	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
II	CH0002	Applied Chemistry – II	3	-	-	3.0	10	30	60	-	100	3	BC	7
II	CO0001	Computer Programming	2	1	-	3.0	10	30	60	-	100	3	AB	9
II	CO1001	Computer Programming Lab	-	-	3	1.5	50	-	-	50	100	-	AB	9
II	EE0001	Basic of Electronics & Electrical Engineering	3	1	-	4.0	10	30	60	-	100	3	AB	9
II	EE1001	Basic of Electronics & Electrical Engineering Lab	-	-	3	1.5	50	-	-	50	100	-	AB	9
II	MA0002	Applied Mathematics – II	4	1	-	5.0	10	30	60	-	100	3	CC	6
II	ME1002	Workshop Lab	-	-	3	1.5	50	-	-	50	100	-	BC	7
II	PH0002	Applied Physics – II	3	-	-	3.0	10	30	60	-	100	3	BC	7
III	MA0205	Engineering Mathematics – I	3	1	-	4.0	10	30	60	-	100	3	BC	7
III	IT1203	Software Lab – I	-	-	3	1.5	50	-	-	50	100	-	AA	10
III	IT0204	Data Structure and Algorithm	3	1	-	4.0	10	30	60	-	100	3	AA	10
III	IT0203	Digital System	3	-	-	3.0	10	30	60	-	100	3	BB	8
III	IT1202	Systems Lab – I	-	-	3	1.5	50	-	-	50	100	-	AA	10
III	IT1201	Programming Lab – I	-	-	3	1.5	50	-	-	50	100	-	BB	8
III	IT0202	Principles of Communication Engineering	3	-	-	3.0	10	30	60	-	100	3	BB	8
III	IT1204	Communication Lab	-	-	3	1.5	50	-	-	50	100	-	AB	9
III	CE0221	Environmental Studies	3	-	-	3.0	10	30	60	-	100	3	AB	9
III	CC4231	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
III	IT0201	Discrete Structure	3	1	-	4.0	10	30	60	-	100	3	AA	10
IV	IT1208	Software Lab – II	-	-	3	1.5	50	-	-	50	100	-	AA	10
IV	IT0206	System Software	3	-	-	3.0	10	30	60	-	100	3	BC	7
IV	IT0205	Computer Organization and Architecture	3	-	-	3.0	10	30	60	-	100	3	BC	7
IV	IT0207	Microprocessor and Microcontroller	3	1	-	4.0	10	30	60	-	100	3	BB	8
IV	IT1206	Systems Lab – II	-	-	3	1.5	50	-	-	50	100	-	AA	10
IV	CC4241	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
IV	MA0206	Engineering Math II	3	1	-	4.0	10	30	60	-	100	3	BC	7
IV	IT1207	Application Lab	-	-	3	1.5	50	-	-	50	100	-	AB	9



Bongle

Controller of Examinations
Degree

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



V J T I
**Veermata Jijabai Technological
Institute**

(Central Technological Institute, Maharashtra State, INDIA)
H. R. Mahajani Marg, Matunga, Mumbai 400019
Tel.No. +91 22 24198101-02 Fax: +91 22 24102874
www.vjti.ac.in


1887-2017
130
**Years of
Technical Excellence**

DIVEKAR ABHISHEK RAJAN

REG. NO. 131080051

IV	IT1205	Programming Lab – II	-	-	3	1.5	50	-	-	50	100	-	BB	8
IV	IT0208	Database Application	3	1	-	4.0	10	30	60	-	100	3	BB	8
V	IT0304	Operating System with UNIX	3	1	-	4.0	10	30	60	-	100	3	AA	10
V	IT1303	Software Engineering and Database System Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
V	IT0305	Data Base System	3	1	-	4.0	10	30	60	-	100	3	AB	9
V	IT1301	Computer Networks Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
V	HM1321	Communication & Presentation Skills Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
V	IT0303	Automata Theory	3	1	-	4.0	10	30	60	-	100	3	AB	9
V	IT1302	Operating Systems Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
V	IT0302	Computer Networks	3	-	-	3.0	10	30	60	-	100	3	AB	9
V	IT0301	Software Engineering	3	-	-	3.0	10	30	60	-	100	3	AB	9
V	CC4051	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
VI	CC4061	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
VI	IT0306	Software Project Management	3	-	-	3.0	10	30	60	-	100	3	AB	9
VI	IT0307	Mobile Computing	3	-	-	3.0	10	30	60	-	100	3	AB	9
VI	IT0308	Web Technology	3	1	-	4.0	10	30	60	-	100	3	AB	9
VI	IT0309	Object Oriented Software Engineering	3	1	-	4.0	10	30	60	-	100	3	AB	9
VI	IT0801	Artificial Intelligence	3	1	-	4.0	10	30	60	-	100	3	AB	9
VI	IT1304	Software Project Management Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
VI	IT1305	Mobile Computing and Elective Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
VI	IT1306	Web Technology and Object Oriented Software Engineering	-	-	3	1.5	50	-	-	50	100	-	AB	9
VI	IT1307	Programming Lab – III	-	-	3	1.5	50	-	-	50	100	-	AA	10
VII	CC4011	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
VII	IT0401	Parallel Computing	3	-	-	3.0	10	30	60	-	100	3	BB	8
VII	IT0402	Service Oriented Architecture	3	-	-	3.0	10	30	60	-	100	3	BB	8
VII	IT0403	Distributed System	3	1	-	4.0	10	30	60	-	100	3	BB	8
VII	IT0404	Data Mining	3	1	-	4.0	10	30	60	-	100	3	AA	10
VII	IT0815	Image Processing	3	1	-	4.0	10	30	60	-	100	3	AB	9
VII	IT1401	Service Oriented Architecture and Distributed System Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
VII	IT1402	Parallel Computing Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
VII	IT1403	Data Mining and Elective – II Lab	-	-	4	2.0	50	-	-	50	100	-	AA	10
VIII	CC4021	Industry – Academia Interaction	-	-	2	0.0	-	-	-	-	-	-	PP	-
VIII	IT0405	Cloud Computing	3	-	-	3.0	10	30	60	-	100	3	AB	9
VIII	IT0406	Network Security	3	-	-	3.0	10	30	60	-	100	3	AB	9
VIII	IT0407	Embedded System	3	1	-	4.0	10	30	60	-	100	3	AA	10
VIII	IT0408	IT Service Management	3	1	-	4.0	10	30	60	-	100	3	BB	8
VIII	IT0818	Soft Computing	3	1	-	4.0	10	30	60	-	100	3	AB	9
VIII	IT1405	Cloud Computing and Network Security Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10
VIII	IT1406	Embedded System and Elective – III Lab	-	-	3	1.5	50	-	-	50	100	-	AA	10




Controller of Examinations
Degree

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



V J T I
Veer mata Jijabai Technological
Institute

(Central Technological Institute, Maharashtra State, INDIA)
 H. R. Mahajani Marg, Matunga, Mumbai 400019
 Tel No +91 22 24198101-02 Fax: +91 22 24102874
 www.vjti.ac.in

1887-2017
130
Years of
Technical Excellence

DIVEKAR ABHISHEK RAJAN

REG. NO. 131080051

Elective: 1) Artificial Intelligence 2) Image Processing 3) Soft Computing

Sem.	Course Code	Course Name	Hr/Week			Cr	Examination Scheme (Evaluation in % Weightage)				ESE Hrs.	Obtained Grade	
			L	T	P		Stage I (Sem. VII)	Stage II (Sem. VIII)	Report (O) (Sem. VIII)	Total		Grade	Grade Points
VII-VIII	IT1407	Project	-	-	8	8.0	25	25	50	100	-	AA	10

Abbreviations:

- L - one hour Lectures per week
 Cr - Credits
 ESE(W)- End Semester Written Examination
 ESE(O)- End Semester Oral Examination
 SPI – Semester Performance Index
 P – Practical hour per week, T- Tutorial hour per week
 TA – Teacher Assessment, IST – In Semester Test/s
 ESE(P)- End Semester Practical Examination
 ESE(Hrs)- End Semester Examination (duration)
 CPI – Cumulative Performance Index

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.

Credit System

- Each course has a credit associated with it. For a theory course, one lecture/tutorial hour carries 1 credit and one practical hour carries 0.5 credits.

Performance Evaluation System

VJTI uses relative grading system. The grades are awarded on the basis of continuous assessment of the student. The grades awarded are as under:

AA	AB	BB	BC	CC	CD	DD	EE	FF
10.0	9.0	8.0	7.0	6.0	5.0	4.0	2.0	0.0
Outstanding	Excellent	Very Good	Good	Satisfactory	Average	Marginal	Unsatisfactory	Very Weak

Other grades like: Au: Audit, P/PP/NP: Pass/No Pass, A/NA: Attended/Not Attended, DR: Dropped out, II: Incomplete due to non-appearance in ESE, RR: Fail due to lack of attendance are also used. Minimum passing grade is DD for Undergraduate and Postgraduate courses.

The students with grades EE & FF are entitled for up to two Re-Examinations. If he/she does not succeed in the two Re-Examinations as above he/she shall have to repeat the course. As per the existing rules, rank in class is not certified except for first position in a class on yearly basis.

- 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 the weighted average of 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 4 credits, three 3 credits and four are 1.5 credit courses i.e. a total of (3x4 + 3x3 + 4 x1.5) 27 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;

$$SPI = (4 \times 8 + 4 \times 7 + 4 \times 10 + 3 \times 4 + 3 \times 7 + 3 \times 8 + 1.5 \times (9 + 10 + 9 + 8)) / 27 = 7.81$$

Cumulative Performance Index (CPI) measures the performance of a student at the end of a particular semester, taking into account performance in all the courses cleared by a student up to the semester for which the CPI is calculated.

The Institute follows grading system on a scale of 10.0, which cannot be converted into any other scale or percentage simply by multiplying or dividing with a factor. Cumulative Performance Index (CPI) of 6.5 and above out of 10.0 at the end of programme is considered as First Class (60%) of other similar programmes of Mumbai University.



B. Rajan

Controller of Examinations
Degree

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