

**UNOFFICIAL TRANSCRIPT  
FOR ADVISING PURPOSES ONLY**

**As of: 07/23/15**

Name: Rao, Sudha

E-Mail: raosudha@cs.umd.edu

Major: Computer Science

Graduate

Graduate Degree Seeking

**Transcripts received from the following institutions:**

**University of Mumbai**

**on 12/12/12**

**Historic Course Information is listed in the order:**

**Course, Title, Grade, Credits Attempted, Earned and Quality Points**

**Fall 2013**

**MAJOR: COMPUTER SCIENCE**

**COLLEGE: GRADUATE SCHOOL**

CMSC651 ANALYSIS OF ALGORITHMS A 3.00 3.00 12.00

CMSC723 COMPUTATIONAL LING I A+ 3.00 3.00 12.00

CMSC798E GRAD SEM CMPTR SCI A 1.00 1.00 4.00

**Semester: Attempted 7.00; Earned 7.00; GPA 4.000**

**Grad Cumulative: 7.00; 7.00; 4.000**

**Spring 2014**

**MAJOR: COMPUTER SCIENCE**

**COLLEGE: GRADUATE SCHOOL**

CMSC773 COMPUTATIONAL LING II A- 3.00 3.00 11.10

CMSC798F GRAD SEM CMPTR SCI A 1.00 1.00 4.00

CMSC828W LINGUISTIC PREDICTION A- 3.00 3.00 11.10

**Semester: Attempted 7.00; Earned 7.00; GPA 3.742**

**Grad Cumulative: 14.00; 14.00; 3.871**

**Fall 2014**

**MAJOR: COMPUTER SCIENCE**

**COLLEGE: GRADUATE SCHOOL**

CMSC754 COMPUTATIONAL GEOMETRY B+ 3.00 3.00 9.90

LING848 SEM IN COMPUTAT LINGUIST A 3.00 3.00 12.00

**Semester: Attempted 6.00; Earned 6.00; GPA 3.650**

**Grad Cumulative: 20.00; 20.00; 3.805**

**Spring 2015**

**MAJOR: COMPUTER SCIENCE**

**COLLEGE: GRADUATE SCHOOL**

CMSC828I MLTLNG NTRL LANG PRCSNG A 3.00 3.00 12.00

CMSC8780 SPARSITY & MCHN LRNG A 3.00 3.00 12.00

**Semester: Attempted 6.00; Earned 6.00; GPA 4.000**

**Grad Cumulative:                    26.00;                    26.00;                    3.850**

**Grad Cumulative Credit: 26.00**

**Grad Cumulative GPA    : 3.850**

**\*\* Current Course Information \*\***

<b>1507 Course</b>	<b>Sec</b>	<b>Credits</b>	<b>Core /Div</b>	<b>Grd/ Meth</b>	<b>Drop /Add</b>	<b>Add Date</b>	<b>Drop Date</b>	<b>Modified Date</b>
=====	=====	=====	=====	=====	=====	=====	=====	=====
UNIV099	CP21	0.00		S-F	A	05/21/15		05/21/15

<b>1508 Course</b>	<b>Sec</b>	<b>Credits</b>	<b>Core /Div</b>	<b>Grd/ Meth</b>	<b>Drop /Add</b>	<b>Add Date</b>	<b>Drop Date</b>	<b>Modified Date</b>
=====	=====	=====	=====	=====	=====	=====	=====	=====
CMSC660	0101	3.00		REG	AW	06/08/15		06/08/15
CMSC631	0101	3.00		REG	A	04/16/15		04/16/15
CMSC701	0101	3.00		REG	A	04/16/15		04/16/15



# VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

[Central Technological Institute, Maharashtra State]  
Matunga, Mumbai 400019

Ref: An autonomous Institute Affiliated to University of Mumbai  
April 03, 2012

Official Transcript of Academic Record of  
**RAO SUDHA VASUDEVA**  
Reg No. **071071045**

Year of admission: 2007-2008

Admitted to: Bachelor of Technology in Computer Engineering

Duration of the Program: 8 Semesters (4 years)

Year of Graduation: 2010-2011

Cumulative Performance Index: **9.4**

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- 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 post graduate degree programmes are also done for few seats strictly on merit based on their Diploma Examination Secondary Certificate examination.  
The admissions to the post graduate 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.



Telegram : “VIJETINST” Matunga, Mumbai 400019  
Tel: +91-22-24198102-6 (5 lines)

website: <http://www.vjti.ac.in/>  
FAX : 91- 022 -24152874

# VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

[Central Technological Institute, Maharashtra State]  
Matunga, Mumbai 400019

**RAO SUDHA VASUDEVA**  
**Semester-wise performance:**

**REG. NO. 071071045**

Semester	I	II	III	IV	V	VI	VII	VIII
CPI	9.2	9.5	9.6	9.5	9.5	9.4	9.4	9.4
SPI	9.22	9.77	9.67	9.51	9.24	8.80	9.40	9.58

Sem	Course Code	Course Title	L	P/T	Tot Al	Cr	Evaluation Weightages			ESE Hours	Obtained Grade	
							TWA	MST	ESE		Grade	Grade Points
I	100011	Engineering Chemistry I	2	1	3	5	10	15	75	2	AA	10
I	100021	Engineering Physics I	2	1	3	5	10	15	75	2	AB	9
I	100031	Engineering Mathematics I	3	2	5	8	10	15	75	3	AB	9
I	100040	Engineering Graphics	2	4	6	8	20	20	60	4	BB	8
I	100051	Elements of Engineering I	3	2	5	8	20	20	60	3	AA	10
I	100061	Computer Programming I	3	2	5	8	20	20	60	3	AA	10
I	100071	Workshop Practice I	-	3	3	3	100	-	-	-	BB	8
II	100012	Engineering Chemistry II	2	1	3	5	10	15	75	2	AA	10
II	100022	Engineering Physics II	2	1	3	5	10	15	75	2	AA	10
II	100032	Engineering Mathematics II	3	2	5	8	10	15	75	3	AA	10
II	100052	Elements of Engineering II	3	2	5	8	20	20	60	3	AB	9
II	100062	Computer Programming II	3	2	5	8	20	20	60	3	AA	10
II	100072	Workshop Practice II	-	3	3	3	100	-	-	-	AB	9
II	100080	Engineering Mechanics	4	2	6	10	20	20	60	3	AA	10
III	200033	Engineering Mathematics III	3	1	4	7	15	15	70	3	AA	10
III	307010	Electronic Devices and Circuits	3	2	5	8	15	15	70	3	AA	10
III	307020	Electrical Network	4	2	6	10	15	15	70	3	AA	10
III	307030	Data Structure	3	2	5	8	15	15	70	3	AB	9
III	307040	Digital Logic Design and Application	3	2	5	8	15	15	70	3	AB	9
III	307050	Discrete Structures	3	1	4	7	15	15	70	3	AA	10
IV	200034	Engineering Mathematics IV	3	1	4	7	15	15	70	3	AB	9
IV	307060	Principles of Analog and Digital Communication	3	2	5	8	15	15	70	3	AB	9
IV	307070	Computer Organization and Architecture	3	2	5	8	15	15	70	3	AB	9
IV	307080	Database Systems	4	2	6	10	15	15	70	4	AA	10
IV	307090	Analysis Of Algorithms	3	2	5	8	15	15	70	3	AA	10
IV	307100	Industrial Economics and Management	3	-	3	6	15	15	70	3	AA	10
V	200020	Technical Communication and Presentation Skills	2	2	4	6	15	15	70	3	BB	8
V	200040	Engineering Statistics	3	1	4	7	15	15	70	3	AA	10
V	307110	Object Oriented Analysis and Design	3	2	5	8	15	15	70	3	AA	10
V	307120	Computer Network	3	2	5	8	15	15	70	3	AB	9
V	307130	Microprocessors	4	2	6	10	15	15	70	3	AB	9
V	307140	Theoretical Computer Science	4	-	4	8	15	15	70	3	AB	9
V	307150	Computer Programming Lab	-	3	3	3	15	15	70	3	AA	10
VI	307160	System Programming	4	2	6	10	15	15	70	3	AB	9
VI	307170	Operating Systems with UNIX	4	2	6	10	15	15	70	3	AB	9
VI	307180	Web Technology	4	2	6	10	15	15	70	3	AA	10
VI	307190	Computer Graphics	4	2	6	10	15	15	70	3	BC	7
VI	307200	Advanced Database	4	2	6	10	15	15	70	3	AB	9

Administrative Officer/Registrar



# VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

[Central Technological Institute, Maharashtra State]  
Matunga, Mumbai 400019

**RAO SUDHA VASUDEVA**

**REG. NO. 071071045**

VII	307210	Advanced Microprocessors	4	2	6	10	15	15	70	3	AB	9
VII	307220	Intelligent Systems	4	2	6	10	15	15	70	3	AA	10
VII	307230	Digital Signal Processing	4	2	6	10	15	15	70	3	AB	9
VII	307240	Software Engineering	4	2	6	10	15	15	70	3	AA	10
VII	407060	Elective - I: Advanced Computer Networks	4	2	6	10	15	15	70	3	AB	9
VIII	307250	System Security	4	2	6	10	15	15	70	3	BB	8
VIII	307260	Distributed Computing	4	2	6	10	15	15	70	3	AA	10
VIII	307270	Multimedia Systems	4	2	6	10	15	15	70	3	AA	10
VIII	407150	Elective – II: Advanced Algorithms	4	2	6	10	15	15	70	3	AA	10

Sem	Course Code	Course Title	L	P/T	Total	Cr	Evaluation Weightages			Obtained Grade	
							Report	Stage I	Stage II Seminar /Viva	Grade	Grade Points
VII - VIII	407900	Project	-	8	8	8	25	25	50	AA	10

1.	Abbreviations:								
	L - one hour lectures per week				P/T - Practical / Tutorial hour per week				
	Cr - Credits				TWA - Term Work Assessment				
	MST - Mid Semester test				ESE- End Semester Examination				
	SPI – Semester Performance Index				CPI – Cumulative Performance Index				
2.	Credit System								
	Each course has a credit associated with it. One lecture hour carries 2 credits and two practical / tutorial carry 1 credit.								
3.	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, PP: Pass, NP: Fail, DR: Dropped out, II: Incomplete due to non-appearance in ESE, RR: Fail due to lack of attendance are also used.								
	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 that semester								
	Example: A student has registered for six courses in a Semester, out of which two are 8 credits, three 6 credits and one is 10 credit course i.e. a total of (2x8 + 3x6 + 10) 44 credits. If the student secures BB, BC, AA, DD, BC, BB grades respectively in these courses, SPI will be calculated as; $SPI = (8 \times 8 + 8 \times 7 + 6 \times 10 + 6 \times 4 + 6 \times 7 + 10 \times 8) / 44 = 7.40$								
	Cumulative Performance Index (CPI) is calculated at the end of every semester, taking into account the performance in all courses cleared by the student up to the semester for which the CPI is to be calculated.								
	A CPI of 6.5 and above may be considered as equivalent to First Class (60%) of similar other programmes of Mumbai University								