

Ref: RIT/

Date:14/11/2018

OFFICIAL TRANSCRIPT

This is to certify that Mr./Miss. Ajinkya Suresh Ghadge was a bonafide student of this Institute from July 2012 to May 2016 for the Bachelor of Degree Course (B.Tech.) in Computer Science & Engineering of Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar an Autonomous Institute affiliated to Shivaji University, Kolhapur. Medium of instructions, subject teaching and examination scheme was in English. He has completed this Degree in First Class with Distn.

The following is the detailed examination scheme prescribed for the Degree course in Computer Science & Engineering by Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar affiliated to Shivaji University along with his performance in the examination. Medium of instructions, subject teaching and examination scheme was in English. He has completed this Degree in First Class with Distn.

Name : Mr.Ajinkya Suresh Ghadge

Period of Study : July-2012 to May-2016

NOTE:

1. All the courses are compulsory from first year to third year. In seventh and eight semester of the final year, a student can opt for choice based Program & open Electives.
2. Each semester consists of sixteen weeks' duration and there are eight such semesters.
3. Each lecture is of one-hour duration and practical session of two hours duration respectively.
4. For evaluation, 'Absolute Grading System' is adopted. The evaluation of theory examination is distributed in three major components namely In Semester Evaluation (ISE), Mid Semester Examination (MSE) and End Semester Examination (ESE) having 20%, 30%, and 50% weightage respectively. The Lab Courses evaluation distribution is 50%, for ISE and 50% for ESE.
5. The passing criterion is 40% for Theory Courses and 50% for Lab Courses respectively.
6. The academic performance of a student shall be graded on a ten point scale. The letter grades, the guidelines for conversion of marks to letter grades and their equivalent grade points are as given in Table 1.
7. A Student is required to earn 192 credits along with prescribed non credit course to become eligible for award of the degree.

Table 1: Grade Table for regular semester

Letter Grade	Grade Point	Regular Semester	Marks Obtained %		Description of performance
			Re-examination/ summer term/Re- registration	100% Examination	
AA	10	>=90	-	-	Outstanding
AB	9	80-89	>=90	-	Excellent
BB	8	70-79	80-89	>=90	Very Good
BC	7	60-69	70-79	80-89	Good
CC	6	50-59	60-69	70-79	Above Average
CD	5	45-49	50-59	55-69	Average
DD	4	40-44	40-49	40-54	Below Average
FF	0	<40	<40	<40	Fail
XX	0	-	-	-	Detained, Re-register for course
II	-	-	-	-	Incomplete, eligible for makeup examination
PP	-	-	-	-	Passed (Audit Course)
NP	-	-	-	-	Not Passed (Audit Course)
DR	-	-	-	-	Dropped out

Calculation of Performance

- I. **First Year Performance Index (FYPI):** It is the weighted average of grade point obtained in all the courses registered in semesters - I and II of first year Under Graduate Programme.

$$FYPI = \frac{\sum_{i=1}^k C_i g_i}{\sum_{i=1}^k C_i}$$

- II. **Semester Performance Index (SPI):** It is the weighted average of grade points obtained in all the courses registered in a semester.

$$SPI = \frac{\sum_{i=1}^m C_i g_i}{\sum_{i=1}^m C_i}$$

- III. **Cumulative Performance Index (CPI):** It is the weighted average of grade points obtained in all the courses registered since beginning of the semester (UG) of the programme till the end of current semester.

$$CPI = \frac{\sum_{i=1}^n C_i g_i}{\sum_{i=1}^n C_i}$$

Where,

C_i : number of Credits of i^{th} course;

g_i : Grade points earned in i^{th} course.

k : number of courses registered in a First Year.

m : number of courses registered in a Semester.

n : number of courses registered from first semester (UG) up to the semester for which CPI is calculated.

UG : Under Graduate

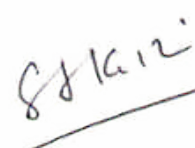
- IV. **Conversion from CPI to percentage marks** for $CPI \geq 5.00$ can be obtained using the relation.

$$\text{Percentage marks} = (CPI - 0.5) * 10$$

Corresponding Class	Pass Class	Second Class	First Class	First Class With Distinction
CPI	$CPI \geq 4.5$ and < 5.5	$CPI \geq 5.5$ and < 6.5	$CPI \geq 6.5$ and < 7.5	$CPI \geq 7.5$

- V. All the above calculations are rounded to two decimal places.





RAJARAMBAPU INSTITUTE OF TECHNOLOGY

An Autonomous Institute, Affiliated to Shivaji University, Kolhapur,

Approved by AICTE New Delhi., D.T.E., Govt. of Maharashtra

NAAC Accredited "A" Grade



DTE Code : EN 6214, MB 6214

First Year

Name: Mr. Ajinkya Suresh Ghadge

Exam. Number: 1203017

Branch: Computer Science & Engineering

Examination: May 2013 (Even Semester)

Semester-I		SPI : 7.34		Ac.Cr.: 23		Er.Cr.: 23	
Course Code	Course	Teaching Scheme					
		L	T	P	Credit	Grade	Grade Point
SH103	Engineering Chemistry	3	-	-	3	BB*	8
SH105	Engineering Mathematics-I	4	1	-	5	DD*	4
SH109	Basic Electrical & Electronics Engineering	4	1	-	5	AB*	9
SH111	Engineering Mechanics	3	1	-	4	BB*	8
SH113	Engineering Graphics	2	-	-	2	CC*	6
SH153	Engineering Chemistry	-	-	2	1	AB*	9
SH155	Engineering Graphics	-	-	4	2	AB*	9
SH161	W/S Practice-I	-	-	2	1	AB*	9
	Total	16	3	8	23		

Semester-II		SPI : 8.08		Ac. Cr. 24		Er. Cr. 24	
Course Code	Course	Teaching Scheme					
		L	T	P	Credit	Grade	Grade Point
SH101	Engineering Physics	3	-	-	3	BB	8
SH102	Engineering Mathematics-II	4	1	-	5	BC	7
SH107	Communication Skills	3	-	-	3	AB	9
SH104	Basic Civil & Mechanical Engineering	4	1	-	5	BC	7
SH115	Introduction to Computer programming	3	-	-	3	AB	9
SH151	Engineering Physics	-	-	2	1	AB	9
SH157	Introduction to Computer programming	-	-	2	1	AA	10
SH159	Communication Skills	-	-	2	1	AB	9
SH152	W/S Practice-II	-	-	2	1	AB	9
SH154	Mini-Project	-	-	-	1	AB	9
	Total	17	2	8	24		

Performance					
First Year		Current Semester		Cumulative	
Credits Earned	FYPI	Credits Earned	SPI	Credits Earned	CPI
47	7.72	24	8.08	-	-

* : Previous Exam Passed

\$: Re-Examination

: 100% Examination

@ : 100% Examination (Lowest Grade)

L : Lecture

T : Tutorial

P : Practical

SPI : Semester Performance Index

CPI : Cumulative Performance Index

Ac.Cr : Actual Credits

R.Cr : Required Credits

Er.Cr : Earned Credits

RESULT: PASS



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Tel. : +91 2342 220329, 221001. Fax: +91 2342 220989. E-mail : director@ritindia.edu

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www.ritindia.edu

Second Year

Name: Mr. Ajinkya Suresh Ghadge
Exam. Number: 1203017

Branch: Computer Science & Engineering
Examination: May 2014 (Even Semester)

Semester-III		SPI: 7.70	R. Cr.: 24	Er. Cr : 24			
Course Code	Course	Teaching Scheme					
		L	T	P	Credit	Grade	Grade Point
CS201	Discrete Mathematics	3	1	-	4	BB*	8
CS203	Data Structures using C	4	-	-	4	BB*	8
CS205	Data Communication & Networking	4	-	-	4	BB*	8
CS207	Digital Systems & microprocessors	4	-	-	4	CC*	6
CS251	Data Structures using C Lab	-	-	4	2	AB*	9
CS253	Microprocessors Lab	-	-	2	1	BC*	7
CS255	Data communication & Networking Lab	-	-	2	1	BB*	8
SH207	Statistics Queuing theory & Fuzzy Systems	2	-	-	4	BB*	8
SH251	Professional Skills Development- Lab	-	-	2	-	PP*	
	Total	19	1	10	24		

Semester-IV		SPI: 8.66	R. Cr: 24	Er. Cr : 24			
Course Code	Course	Teaching Scheme					
		L	T	P	Credit	Grade	Grade Point
CS200	Theory of Computations	3	1	-	4	BB	8
CS202	Computer Networks	4	-	-	4	AB	9
CS204	Computer Organization	4	-	-	4	BB	8
CS206	Software Engineering	3	1	-	4	AB	9
CS208	Object Oriented Design & Programming	3	1	-	4	AB	9
CS252	Computer Networks Lab	-	-	2	1	BB	8
CS254	Object Oriented Design & Programming – Lab	-	-	4	2	AB	9
CS256	Software Engineering Lab	-	-	2	1	AA	10
SH201	Environmental Science	-	-	-	-	PP	-
	Total	17	3	8	24		

Performance					
First Year		Current Semester		Cumulative	
Credits Earned	FYPI	Credits Earned	SPI	Credits Earned	CPI
47	7.72	24	8.66	48	8.18

* : Previous Exam Passed

\$: Re-Examination

: 100% Examination

@ : 100% Examination (Lowest Grade)

L : Lecture

T : Tutorial

P : Practical

SPI : Semester Performance Index

CPI : Cumulative Performance Index

Ac.Cr : Actual Credits

R.Cr : Required Credits

Er.Cr : Earned Credits

RESULT:-PASS





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Third Year

Name: Mr. Ajinkya Suresh Ghadge

Exam. Number: 1203017

Branch: Computer Science & Engineering

Examination: May 2015 (Even Semester)

Semester-V		SPI: 7.41	R. Cr: 24	Er. Cr: 24			
Course Code	Course	Teaching Scheme					
		L	T	P	Credit	Grade	Grade Point
CS301	Fundamentals of Database Systems	4	-	-	4	BB*	8
CS303	System Programming	4	-	-	4	BB*	8
CS305	Fundamentals of Operating System	4	-	-	4	BC*	7
CS307	Design & Analysis of Algorithm	3	1	-	4	BC*	7
CS309	JAVA programming	3	-	-	3	CD*	5
CS351	Fundamentals of Database Systems – Lab	-	-	2	1	AB*	9
CS353	System Programming Lab	-	-	2	1	BC*	7
CS355	JAVA Programming Lab	-	-	4	2	AB*	9
CS357	Mini Project- I Lab	-	-	2	1	AB*	9
	Total	18	1	10	24		

Semester-VI								SPI: 7.76	R. Cr: 25	Er. Cr: 25
Course Code	Course	Teaching Scheme								
		L	T	P	Credit	Grade	Grade Point			
CS300	Principles of Compiler Design	3	1	-	4	CC	6			
CS302	UNIX Operating System	4	-	-	4	CC	6			
CS304	Computer Graphics and Virtual Reality	4	-	-	4	BB	8			
CS306	Internet Technology	4	-	-	4	BC	7			
CS308	.NET Programming	3	-	-	3	AB	9			
CS352	Computer Graphics and Virtual reality Lab	-	-	2	1	AA	10			
CS354	Internet Technology Lab	-	-	4	2	AA	10			
CS356	.NET Programming Lab	-	-	4	2	AA	10			
CS358	Professional Training	-	-	-	-	PP	-			
SH351	Professional Skills Development-II	-	-	2	1	AB	9			
	Total	18	1	12	25					

Performance					
First Year		Current Semester		Cumulative	
Credits Earned	FYPI	Credits Earned	SPI	Credits Earned	CPI
47	7.72	25	7.76	97	7.88

* : Previous Exam Passed

\$: Re-Examination

: 100% Examination

@ : 100% Examination (Lowest Grade)

L : Lecture

T : Tutorial

P : Practical

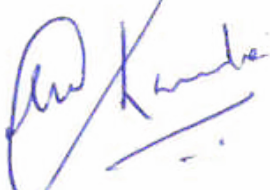
SPI : Semester Performance Index

CPI : Cumulative Performance Index

Ac.Cr : Actual Credits

R.Cr : Required Credits

Er.Cr : Earned Credits

RESULT:-PASS

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Fourth Year

Name: Mr. Ajinkya Suresh Ghadge

Exam. Number: 1203017

Branch: Computer Science & Engineering

Examination: May-Jun 2016 (Even Semester)

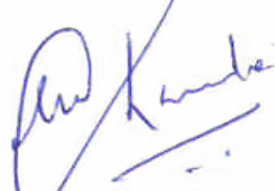
Semester-VII		SPI: 8.40			R.Cr:25		Er.Cr:25	
Course Code	Course	Teaching Scheme			Credit	Grade	Grade Point	
		L	T	P				
CS401	Virtualization and Cloud Computing	3	1	-	4	BB*	8	
CS403	Advanced Database systems	3	-	-	3	BC*	7	
CS405	Principles and Practices for IT Management	3	-	-	3	AB*/	9	
CS409	Mobile Technology	3	-	-	3	BC*	7	
CS451	Advanced Database Systems	-	-	2	1	AB*	9	
CS453	Web Technology Lab	2	-	4	4	AB*	9	
CS455	Project Phase -I	-	-	4*	4	AA*	10	
OE721	Information Technology Foundation Program	3	-	-	3	BB*	8	
	Total	17	1	10	25			

Semester-VIII		SPI: 8.91			R. Cr: 23		Er.Cr:23	
Course Code	Course	Teaching Scheme			Credit	Grade	Grade Point	
		L	T	P				
CS400	Software Testing & Quality Assurance	3	1	-	4	BB	8	
CS404	Advanced Computer Architecture	3	-	-	3	BC	7	
CS452	Software Testing & Quality Assurance Lab	-	-	2	1	AB	9	
CS454	Open Source Technology lab	2	-	4	4	AB	9	
CS456	Project Phase-II	-	-	8*	8	AA	10	
OE744	ROBOTICS	3	-	-	3	AB	9	
	Total	11	1	14	23			

Performance					
First Year		Current Semester		Cumulative	
Credits Earned	FYPI	Credits Earned	SPI	Credits Earned	CPI
47	7.72	23	8.91	145	8.14

* : Previous Exam Passed
 \$: Re-Examination
 # : 100% Examination
 @ : 100% Examination (Lowest Grade)

L : Lecture
 T : Tutorial
 P : Practical
 SPI : Semester Performance Index
 CPI : Cumulative Performance Index
 Ac.Cr: Actual Credits
 R.Cr : Required Credits
 Er.Cr : Earned Credits

RESULT:- FIRST CLASS WITH DISTN.

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GPA EVALUATION

Rajarambapu Institute of Technology (RIT) is an autonomous institute and affiliated to Shivaji University, Kolhapur. Shivaji University does not employ GPA system, but for the students applying for graduate studies in countries other than India, the GPA is Calculated as follows:

$$GPA = \frac{(\text{Percentage Secured})}{(\text{Average Percentage of Top Four Students})} \times 4$$

Using the formula, **Mr. Ajinkya Suresh Ghadge** has secured the following GPA in the four years of Bachelor of Technology in Computer Science & Engineering

Year	GPA
First	3.46
Second	4.08
Third	3.95
Fourth	3.96
Total Average	3.86

It is requested that this score may be taken into consideration while evaluating the performance of candidates on equal basis.



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A panoramic view of:

Kasegaon Education Society's
Rajarambapu Institute of Technology, Rajaramnagar.
[District:Sangli,State:Maharashtra;Country:India]


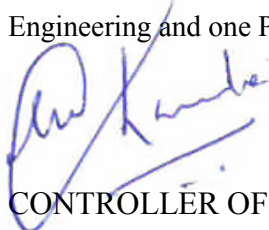
Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar (RIT) formerly known as College of Engineering and Polytechnic, Sakharale. RIT was established in the year 1983 by great visionary leader Late Shri. Rajarambapu Patil with a passion to uplift the rural masses through indigenous and global technical education and is darting progressively with a vision to transform young minds into competent engineers to face global challenges.

RIT has the distinguished status of having been awarded as Autonomous Institute with effect from 1st July, 2011 and is affiliated to Shivaji University, Kolhapur. The Institute is spread over an area of 16 hectares with picturesque ambience and is one of the renowned institutes in the State of Maharashtra (India) with the aura of recognition providing excellent learning and training culture. Hauling over a span of three decades RIT has developed excellent infrastructure and collaborative synchronization of students and faculties to transform and merge thoughts and ideas in to reality through experimentation and scale new heights in the field of technical education.

Recognitions:

- RIT has bagged Sri VVR Seshadri Rao Gudlavelleru Engineering College National Award Instituted by Indian Society for Technical Education, New Delhi (ISTE) for The Best Private Engineering College 2013.
- In Data Quest (DQ-CMR) Best Tech School Survey 2013-14, RIT Ranked 52nd in India's Top Engineering Colleges.
- All UG Programs of RIT are accredited by National Board of Accreditation (NBA)
- Selected under Technical Education Quality Improvement Program (TEQIP) – I & II (A Project by World Bank to Improve the Quality of Technical Education Implemented by Ministry of Human Resource Development, New Delhi) with funding.
- Accredited by the Institute of Engineers (India), Kolkata.
- MoU with leading Universities of USA.
- Alumni base of more than 5000

RIT presently offers Seven under Graduate and Ten Post Graduate programmes in various disciplines of Engineering and one PG programme in Management Studies.

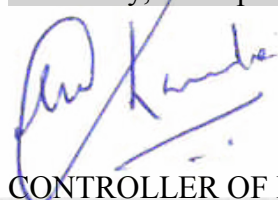


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Institute offers both UG and PG Programmes in the core as well as special branches. Total Strength of RIT is above 3000 Students approximately. The offered Programmes are as follows.

Degree	Courses	Intake
Under Graduate Courses		
	Automobile Engineering	60
	Civil Engineering	60
	Computer Science & Engineering	60
	Electrical Engineering	60
	Electronics & Telecommunication Engineering	60
	Mechanical Engineering	120
	Information Technology	60
	UG Total	480
Post Graduate Courses		
	Automobile Engineering	18
	Civil Construction & Management	18
	Civil – Structures	24
	Mechanical- Design	24
	Mechanical- Production	18
	Electrical – Power Systems	18
	Computer Science & Engineering	18
	CAD/CAM/CAE	18
	Electronics Engineering	18
	Electronics - Digital System	18
	Heat Power Engg.	18
	Master Of Business Administration	120
	PG Total	330
	Grand Total	810

Laboratories in Department of Mechanical, Electronics and Civil Engineering are recognized by Shivaji University, Kolhapur for research work leading to Ph.D.




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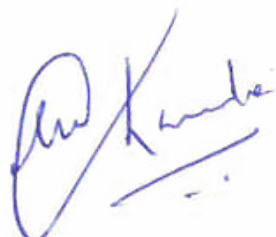
The Shivaji University, Kolhapur At A Glance

Shivaji University, Kolhapur is approved and recognized by the Government of Maharashtra and University Grants Commission of India.

Shivaji University is situated at Vidyanagar, Kolhapur, about 400 kms, away from Mumbai, capital of Maharashtra. It also has its center for Post-Graduate studies in Sangli and Satara, Kolhapur districts.

Shivaji University conducts under graduate and post-graduate research programs / courses in the Arts, Commerce, Science, Education and other faculties and also professional courses for Engineering and Technology, Medical Sciences, Business Administration, etc. Engineering programs offered by the University include the Bachelor's and Master's program in Mechanical, Electrical, Civil, Computer, Electronics and Telecommunication, Automobile, Chemical, and Industrial Engineering.

Geographically, Shivaji University's area of jurisdiction is spread over three districts of Maharashtra state, namely Kolhapur, Sangli, Satara. In these three districts, there are about 280 colleges/educational Institutions running various courses affiliated to the Shivaji University. There are about 2, 18,500 students pursuing their studies in Shivaji University.



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