Date: 24/10/2017

OFFICIAL TRANSCRIPT

This is to certify that **Shetty Adheep Vishwanath Nanda** has been a student of Four Year Bachelor of Engineering (B.E.) Degree Course in the branch of **Computer Engineering** in Xavier Institute of Engineering since the academic year **2014-15**

The following guidance will help employer/Graduate Program Office in evaluating the transcripts:

1. Xavier Institute of Engineering is affiliated to University of Mumbai and recognized by All India Council for Technical Education (AICTE), New Delhi. Govt. of India.
2. The scheme of Instruction, Examination and Syllabus are as prescribed by the University of Mumbai.
3. Semester system: The BE Degree Course is conducted on a semester system with eight semesters spread over four academic years. The duration of each semester is about 16 weeks. Examination at the end of Semester I, II, VII and VIII are conducted by the University of Mumbai, and the rest by the Institute, on behalf of the University of Mumbai.
4. All examination papers are set by the University of Mumbai
5. Medium of Instruction   : English
6. Duration of the Degree course   : 4 Years
7. Duration of Lecture/Practical Period   : 60 minutes
8. University of Mumbai has implemented the Credit Grade System w.e.f. AY 2012-13.
9. The minimum credit period for award of a BE degree is 180. This is normally divided into Theory, Courses, Seminars and Projects in duration of eight semesters.
10. The credits are distributed semester wise as shown in the structure of syllabus of each programme.
11. 0.224 indicates University Ordinance to award grace marks to enable the student to pass a particular course. 0.5045 is the Condonance ordinance.

Prepared by:

Checked by :

Principal

Xavier Institute of Engineering

XAVIER INSTITUTE OF ENGINEERING

Mahim Causeway, Mahim, Mumbai – 400 016 ☎ 24455937 / 24444559 / 24451961

Fax: +91(22) 24462267 E-MAIL: office@xavierengg.com

Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda
Class : First Year Engineering Semester – I (CBGS)
Branch : Computer Engineering
Academic Year : 2014-15

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
			Theory	Practical	Tutorial	Total Credits	Grade					
							ESE/ PR/ Oral	IA/ TW	Overall Grade			
1	FEC101	Applied Mathematics- I	04 (04)	---	---	05	O	O	O	4	10	40
		Tutorial	---	---	01 (01)		---	O	O	1	10	10
2	FEC102	Applied Physics- I	03 (03)	---	---	3.5	C	O	B	3	8	24
		Practical	---	01 (0.5)	---		---	O	O	0.5	10	5.0
3	FEC103	Applied Chemistry - I	03 (03)	---	---	3.5	C	O	C	3	7	21
		Practical	---	01 (0.5)	---		---	O	O	0.5	10	5.0
4	FEC104	Engineering Mechanics	05 (05)	---	---	06	O	O	O	5	10	50
		Practical	---	02 (01)	---		A	O	O	1	10	10
5	FEC105	Basic Electrical & Electronics Engineering	04 (04)	---	---	05	A	O	A	4	9	36
		Practical	---	02 (01)	---		O	O	O	1	10	10
6	FEC106	Environmental Studies	02 (02)	---	---	02	E	O	D	2	6	12
7	FEL101	Basic Workshop Practice - I	---	04 (02)	---	02	---	O	O	2	10	20
		Total	21 (21)	10 (05)	01 (01)	27	---	---	---	27	---	243.00

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 9.00

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

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Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda

Class : First Year Engineering Semester- II (CBGS)

Branch : Computer Engineering

Academic Year : 2014-15

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
			Theory	Practical	Tutorial	Total Credits	Grade					
							ESE/ PR/ Oral	IA/ TW	Overall Grade			
1	FEC201	Applied Mathematics- II	04 (04)	---	---	05	A	O	O	4	10	40
		Tutorial	---	---	01 (01)		---	O	O	1	10	10
2	FEC202	Applied Physics- II	03 (03)	---	---	3.5	A	O	O	3	10	30
		Practical	---	01 (0.5)	---		---	O	O	0.5	10	5
3	FEC203	Applied Chemistry - II	03 (03)	---	---	3.5	C	O	C	3	7	21
		Practical	---	01 (0.5)	---		---	O	O	0.5	10	5
4	FEC204	Engineering Drawing	03 (03)	---	---	05	C	O	B	3	8	24
		Practical	---	04 (02)	---		O	O	O	2	10	20
5	FEC205	Structured Programming Approach	04 (04)	---	---	05	C	O	A	4	9	36
		Practical	---	02 (01)	---		O	O	O	1	10	10
6	FEC206	Communication Skills	02 (02)	---	---	03	C	O	C	2	7	14
		Practical	---	02 (01)	---		---	O	O	1	10	10
7	FEL201	Basic Workshop Practice - II	---	04 (02)	---	02	---	O	O	2	10	20
	Total		19 (19)	14 (07)	01 (01)	27	---	---	---	27	---	245

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 9.07

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

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Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda

Class : Second Year Engineering Semester- III (CBGS)

Branch : Computer Engineering

Academic Year : 2015-16

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
							Grade					
			Theory	Practical	Tutorial	Total Credits	ESE/ PR/ Oral	IA/ TW	Overall Grade			
1	CSC301	Applied Mathematics- III	04 (04)	---	---	05	D	D	D	4	6	24
		Tutorial	---	---	01 (01)		---	A	A	1	9	9
2	CSC302	Object Oriented Programming Methodology	04 (04)	---	---	05	D	C	D	4	6	24
		Practical	---	02 (1)	---		B	O	O	1	10	10
3	CSC303	Data Structures	04 (04)	---	---	05	P	A	E	4	5	20
		Practical	---	02 (1)	---		O	A	O	1	10	10
4	CSC304	Digital Logic Design and Analysis	03 (03)	---	---	04	D	A	D	3	6	18
		Practical	---	02(01)	---		---	O	O	1	10	10
5	CSC305	Discrete Structures	04 (04)	---	---	04	C	C	C	4	7	28
6	CSC306	Electronic Circuits and Communication Fundamentals	04 (04)	---	---	05	P	O	D	4	6	24
		Practical	---	02 (01)	---		C	O	B	1	8	8
		Total	23 (23)	08 (04)	01 (01)	28	---	---	---	28	---	185

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 6.61

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

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Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda

Class : Second Year Engineering Semester- IV (CBGS)

Branch : Computer Engineering

Academic Year : 2015-16

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
			Theory	Practical	Tutorial	Total Credits	ESE/ PR/ Oral	IA/ TW	Overall Grade			
1	CSC401	Applied Mathematics- IV	04 (04)	---	---	05	O	B	O	4	10	40
		Tutorial	---	---	01 (01)		---	D	D	1	6	6
2	CSC402	Analysis of Algorithms	04 (04)	---	---	05	B	O	B	4	8	32
		Practical	---	02 (1)	---		C	O	A	1	9	9
3	CSC403	Computer Organization and Architecture	04 (04)	---	---	05	B	C	C	4	7	28
		Practical	---	02 (1)	---		C	O	A	1	9	9
4	CSC404	Data Base Management Systems	04 (04)	---	---	05	E	C	D	4	6	24
		Practical	---	02(01)	---		A	O	O	1	10	10
5	CSC405	Theoretical Computer Science	04 (04)	---	---	04	D	O	D	4	6	24
6	CSC406	Computer Graphics	03 (03)	---	---	04	B	B	B	3	8	24
		Practical	---	02 (01)	---		A	O	A	1	9	9
		Total	23 (23)	08 (04)	01 (01)	28	---	---	---	28	---	215

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 7.68

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

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Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda
Class : Third Year Engineering Semester- V (CBGS)
Branch : Computer Engineering
Academic Year : 2016-17

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
			Theory	Practical	Tutorial	Total Credits	ESE/ PR/ Oral	IA/ TW	Overall Grade			
1	CPC501	Microprocessor	04 (04)	---	---	05	P	C	E	4	5	20
		Practical	---	02 (1)	---		O	A	O	1	10	10
2	CPC502	Operating Systems	04 (04)	---	---	05	C	O	C	4	7	28
		Practical	---	02 (1)	---		C	O	A	1	9	9
3	CPC503	Structured and Object Oriented Analysis and Design	04 (04)	---	---	05	D	O	C	4	7	28
		Practical	---	02 (1)	---		B	B	B	1	8	8
4	CPC504	Computer Networks	04 (04)	---	---	05	C	A	C	4	7	28
		Practical	---	02(01)	---		A	O	O	1	10	10
5	CPL501	Web Technologies Laboratory	---	4 (2)	---	02	C	A	B	2	8	16
6	CPL502	Business Communication and Ethics		4 (2)	---	02	--	A	A	2	9	18
		Total	16 (16)	16 (08)	---	24	---	---	---	24	---	175

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 7.29

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

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Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda
Class : Third Year Engineering Semester- VI (CBGS)
Branch : Computer Engineering
Academic Year : 2016-17

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
			Theory	Practical	Tutorial	Total Credits	ESE/PR/Oral	IA/TW	Overall Grade			
1	CPC601	System Programming and Compiler Construction	04 (04)	---	---	05	D	C	D	4	6	24
		Practical	---	02 (1)	---		B	O	O	1	10	10
2	CPC602	Software Engineering	04 (04)	---	---	05	D	C	D	4	6	24
		Practical	---	02 (1)	---		O	A	A	1	9	9
3	CPC603	Distributed Databases	04 (04)	---	---	05	C	O	B	4	8	32
		Practical	---	02 (1)	---		O	O	O	1	10	10
4	CPC604	Mobile Communication and Computing	04 (04)	---	---	05	C	C	C	4	7	28
		Practical	---	02(01)	---		A	O	O	1	10	10
5	CPE6013	Elective I – Project Management	---	4 (2)	---	02	--	A	A	2	9	18
6	CPL601	Network Programming Laboratory		4 (2)	---	02	C	O	C	2	7	14
		Total	16 (16)	16 (08)	---	24	---	---	---	24	---	179

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work
SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 7.46

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

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Checked by:

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Official Transcript

Name of the Student : Shetty Adheep Vishwanath Nanda
Class : Final Year Engineering Semester- VII (CBGS)
Branch : Computer Engineering
Academic Year : 2017-18

Sr. No	Subject Code	Subject Name	Scheme of Instruction No. of periods per week along with course credits in bracket				Scheme of Examination			Credits Earned C	Grade Points G	C X G
			Theory	Practical	Tutorial	Total Credits	ESE/ PR/ Oral	IA/ TW	Overall Grade			
1	CPC701	Digital Signal Processing	04 (04)	---	---	05	C	O	B	4	8	32
		Practical	---	02 (1)	---		---	A	A	1	9	9
2	CPC702	Cryptography and System Security	04 (04)	---	---	05	C	O	B	4	8	32
		Practical	---	02 (1)	---		O	O	O	1	10	10
3	CPC703	Artificial Intelligence	04 (04)	---	---	05	O	B	O	4	10	40
		Practical	---	02 (1)	---		O	O	O	1	10	10
4	CPE7025	Elective II- Soft Computing	04 (04)	---	---	05	D	D	D	4	6	24
		Practical	---	02(01)	---		O	O	O	1	10	10
5	CPP701	Project I	---	(03)	---	03	O	O	O	3	10	30
6	CPL701	Network Threats and Attacks Laboratory		4 (2)	---	02	A	C	B	2	8	16
	Total		16 (16)	12 (09)	---	25	---	---	---	25	---	213

Abbr : ESE – End Semester Examination ; IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 8.52

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

Prepared by:

Checked by:

Principal

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Official Transcript

Name of the Student : Shetty Adheep Vishwanth Nanda

Class : Final Year Engineering Semester- VIII (CBGS)

Branch : Computer Engineering

Academic Year : 2017 - 18

Sr. No	Subject Code	Subject Name	Theory	Practical	Tutorial	Total Credits	ESE/ PR/ Oral	IA/ TW	Overall Grade	Credits Earned C	Grade Points G	C X G
1	CPC801	Data Warehouse and Mining	04 (04)	---	---	05	----	----	A	4	9	36
		Practical	---	02 (1)	---		----	----	O	1	10	10
2	CPC802	Human Machine Interaction	04 (04)	---	---	05	----	----	B	4	8	32
		Practical	---	02 (1)	---		----	----	A	1	9	9
3	CPC803	Parallel and Distributed Systems	04 (04)	---	---	05	----	----	C	4	7	28
		Practical	---	02 (1)	---		----	----	A	1	9	9
4	CPE8031	Elective III- Big Data Analytics	04 (04)	---	---	05	----	----	C	4	7	28
		Practical	---	02(01)	---		---	----	O	1	10	10
5	CPL801	Cloud Computing Laboratory		2 (1)	---	01	---	---	O	1	10	10
6	CPP802	Project II	---	(6)	---	06	---	----	O	6	10	60
	Total		16 (16)	10 (11)	---	27	---	---	---	27	---	232

Abbr : ESE – End Semester Examination;IA – Internal Assessment ; PR – Practical; OR – Oral; TW – Term Work

SGPI – Semester Grade Performance Index ((C X G) / Total Credits)

SGPI : 8.59

Semester	I	II	III	IV	V	VI	VII	VIII	
SGPI	9.00	9.07	6.61	7.68	7.29	7.46	8.52	8.59	**OVERALL CGPI : 8.03**

Letter grades and their equivalent grade point

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

TRUE COPY

HOD
Computer Engg.
Xavier Institute of Engineering
Mahim, Mumbai - 400 016.

Title Project : PUZZLE SOLVER

Project Guide : Internal Guide: Mr. Vijay Jumb, Asst. Professor- Comp. Dept.

Names of Elective : 1. Soft Computing

2. Big Data Analytics

Prepared by :

Checked by :

Principal
Xavier Institute of Engineering