



R. C. PATEL INSTITUTE OF TECHNOLOGY

Shri. Amrishbhai Patel
President

Prof. Dr. J. B. Patil
Principal

Near Nimzari Naka, Shahada Road
Shirpur - 425405, Dist: Dhule (MS)
Telefax: (02563) 259600, 801, 802
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Department

of

Computer Engineering

Transcript Form



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COLLEGE TRANSCRIPT

**BACHELOR OF ENGINEERING – NORTH MAHARASHTRA
UNIVERSITY, JALGAON
(Four Year Degree Course)**

STUDENT'S NAME :

(Surname) (Name) (Middle)

Department:

Program Title:

Language of Instruction:

PRN No:

Start Date:

Date of Award:

Degree Class Awarded:

Some Guidelines that may help you evaluate the transcript:

1. Lectures are of 60 minutes duration, each.
2. The North Maharashtra University, Jalgaon prescribes the curriculum.
3. The North Maharashtra University, Jalgaon provides platform to organize Co-curricular and Extracurricular activities.
4. All examination papers are set by the North Maharashtra University, Jalgaon.
5. The B.E. 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.
6. North Maharashtra University, Jalgaon does not follow the CGPA system of marking.
7. Minimum 40% marks of maximum marks are required to pass in each head of examination.
8. Some abbreviations used in the transcripts are :
TH -Theory Exam, **TW**- Term work Exam, **OR**- Oral Exam, **PR**- Practical Exam, **L**-Lecture, Hours /Week, **P**-Practical, Hours/week, **T**-Tutorial, Hours/Week, ' - ' Not Applicable.



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9. Successful candidates at Semester II, IV, VI, and VIII are placed in First Class, Second Class and Pass Class according to the marks as follows:

Pass Class	:	40% and above but below 50%
Second Class	:	50% and above but below 60%
First Class	:	60% and above but below 66%
Distinction	:	66 % and above
10. Successful candidates at Semesters I, III, V, and VII are declared to have passed the examination and there is no classification of such candidates based on marks.
11. The B.E. Degree is awarded on the basis of the marks obtained at the last two semesters (VII - VIII) taken together.
12. Extra Curricular and other academic achievements of student are not indicated in the transcript.



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STATEMENT OF MARKS AND TEACHING SCHEME

Name of the Student :
Engineering Major : Computer Engineering.
Degree Awarded : Bachelor of Engineering (B.E.)

Duration	Subject	No. of Months	Hours per week		Marks obtained / Max marks	Total marks obtained / Max marks	Result
			Theory	Practical			
B.E. YEAR - I (SEMESTER - I)							
-	Engg. Mathematics - I	-	-	-	-	-	-
-	Applied Science - I	-	-	-	-	-	-
-	Engg. Mechanics	-	-	-	-	-	-
-	Elements of Electrical and Electronics Engineering	-	-	-	-	-	-
-	Engineering Graphics - I	-	-	-	-	-	-
-	Communication Skill	-	-	-	-	-	-
-	Workshop Practice - I	-	-	-	-	-	-
B.E. YEAR - I (SEMESTER - II)							
-	Engg. Mathematics - II	-	-	-	-	-	-
-	Applied Science - II	-	-	-	-	-	-
-	Elements of Mech. Engg.	-	-	-	-	-	-
-	Elements of Civil Engg.	-	-	-	-	-	-
-	Engg. Graphics - II	-	-	-	-	-	-
-	Computer Programming	-	-	-	-	-	-
-	Workshop Practice - II	-	-	-	-	-	-
B.E. YEAR - II (SEMESTER - III)							
-	Analogue Electronics	4	4	2	-	-	-
-	Discrete structure and Graph Theory	4	4	-	-	-	-
-	Digital System and Microprocessor	4	4	2	-	-	-
-	Industrial Management and - Economics	4	4	-	-	-	-
-	Engineering Mathematics-3	4	4	-	-	-	-
-	Programming Laboratory-1	4	3	4	-	-	-
B.E. YEAR - II (SEMESTER - IV)							
-	Microprocessor-1	4	4	2	-	-	-
-	Data Structure and Files	4	4	4	-	-	-
-	Computer Organisation	4	4	-	-	-	-
-	Digital System Design	4	4	-	-	-	-
-	Data Communication	4	4	-	-	-	-
-	Programming Laboratory-2	4	2	4	-	-	-
B.E. YEAR - III (SEMESTER - V)							
-	Microprocessor-2	4	4	2	-	-	-
-	Theory Of Computer Science	4	4	-	-	-	-
-	Computer Network	4	4	2	-	-	-
-	Computer Graphics	4	4	2	-	-	-
-	System Programming	4	4	2	-	-	-
-	Advanced Development Tool Laboratory	4	-	4	-	-	-



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B.E. YEAR - III (SEMESTER - VI)							
-	Microprocessor-3	4	4	2			
	Operating System	4	4	2			
	Software Engineering	4	4	2			
	Database Management System	4	4	2	-	-	-
	Analysis and Design of Algorithm	4	4	2			
	Practical Training/Special Study/Minor Project	4	-	-			
B.E. YEAR - IV (SEMESTER - VII)							
-	Embedded System	4	4	2			
	Artificial Intelligence	4	4	-			
	Advanced Unix Programming	4	4	2			
	Object Oriented Modelling and Design	4	4	2	-	-	-
	Advanced Computer Network	4	4	-			
	Seminar	4	4	-			
	Project 1	4	-	2			
		4	-	2			
B.E. YEAR - IV (SEMESTER - VIII)							
-	Mobile Network	4	4	2			
	Data Warehousing and Mining	4	4	2			
	Software Metrics and Quality Assurance	4	4	2			
	Advance Computer Architecture	4	4	2	-	-	-
	Industrial Visit/ Case Study	4	-	-			
	Project 2	4	-	6			

Name of the applicant :

Date:

Checked by :

Prof. Nitin N. Patil
(HOD – Computer Engg. Dept.)

Official Seal of the College

Signature of the Principal



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Information Technology

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UNIVERSITY, JALGAON
(Four Year Degree Course)**

STUDENT'S NAME :

(Surname) (Name) (Middle)

Department:

Program Title:

Language of Instruction:

PRN No:

Start Date:

Date of Award:

Degree Class Awarded:

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- | | | |
|--------------|---|-----------------------------|
| Pass Class | : | 40% and above but below 50% |
| Second Class | : | 50% and above but below 60% |
| First Class | : | 60% and above but below 66% |
| Distinction | : | 66 % and above |
10. Successful candidates at Semesters I, III, V, and VII are declared to have passed the examination and there is no classification of such candidates based on marks.
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STATEMENT OF MARKS AND TEACHING SCHEME

Name of the Student :
Engineering Major : Information Technology.
Degree Awarded : Bachelor of Engineering (B.E.)

Duration	Subject	No. of Months	Hours per week		Marks obtained / Max marks	Total marks obtained / Max marks	Result
			Theory	Practical			
B.E. YEAR - I (SEMESTER - I)							
-	Engg. Mathematics - I	-	-	-	-	-	-
-	Applied Science - I	-	-	-	-	-	-
-	Engg. Mechanics	-	-	-	-	-	-
-	Elements of Electrical and Electronics Engineering	-	-	-	-	-	-
-	Engineering Graphics - I	-	-	-	-	-	-
-	Communication Skill	-	-	-	-	-	-
-	Workshop Practice - I	-	-	-	-	-	-
B.E. YEAR - I (SEMESTER - II)							
-	Engg. Mathematics - II	-	-	-	-	-	-
-	Applied Science - II	-	-	-	-	-	-
-	Elements of Mech. Engg.	-	-	-	-	-	-
-	Elements of Civil Engg.	-	-	-	-	-	-
-	Engg. Graphics - II	-	-	-	-	-	-
-	Computer Programming	-	-	-	-	-	-
-	Workshop Practice - II	-	-	-	-	-	-
B.E. YEAR - II (SEMESTER - III)							
-	Programming Paradigm and Methodology	4	4	-	-	-	-
-	Discrete structure and Graph Theory	4	4	-	-	-	-
-	Digital System and Microprocessor	4	4	2	-	-	-
-	Industrial Management and - Economics	4	4	-	-	-	-
-	Engineering Mathematics-3	4	4	-	-	-	-
-	Programming Laboratory-1	4	3	4	-	-	-
B.E. YEAR - II (SEMESTER - IV)							
-	Microprocessor-1	4	4	2	-	-	-
-	Data Structure and Files	4	4	4	-	-	-
-	Computer Organization	4	4	-	-	-	-
-	Information Theory	4	4	-	-	-	-
-	Data Communication	4	4	-	-	-	-
-	Programming Laboratory-2	4	2	4	-	-	-



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B.E. YEAR - III (SEMESTER - V)							
	Multimedia Techniques	4	4	2			
	Theory Of Computer Science	4	4	-			
	Computer Network	4	4	2	-	-	-
	Computer Graphics	4	4	2			
	System Programming	4	4	2			
	Advanced Development Tool Laboratory	4	-	4			
B.E. YEAR - III (SEMESTER - VI)							
	Management Information System	4	4	-			
	Operating System	4	4	2			
	Software Engineering	4	4	2	-	-	-
	Database Management System	4	4	2			
	Web Design	4	4	4			
	Practical Training/Special Study/Minor Project	4	-	-			
B.E. YEAR - IV (SEMESTER - VII)							
	Embedded System	4	4	2			
	Enterprise Resource Planning	4	4	-			
	Advanced Unix Programming	4	4	2	-	-	-
	Object Oriented Modelling and Design	4	4	2			
	E -Commerce	4	4	-			
	Seminar	4	-	2			
	Project 1	4	-	2			
B.E. YEAR - IV (SEMESTER - VIII)							
	Mobile Network	4	4	2			
	Data Warehousing and Mining	4	4	2			
	Software Metrics and Quality Assurance	4	4	2	-	-	-
	Internet Security	4	4	2			
	Industrial Visit/ Case Study	4	-	-			
	Project 2	4	-	6			

Name of the applicant :

Date:

Checked by :

Prof. D. R. Patil
(HOD –Information Technology Dept.)

Official Seal of the College

Signature of the Principal



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Department

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E & TC Engineering

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COLLEGE TRANSCRIPT

BACHELOR OF ENGINEERING – NORTH MAHARASHTRA

UNIVERSITY, JALGAON

(Four Year Degree Course)

STUDENT'S NAME :

(Surname) (Name) (Middle)

Department: Electronics & Telecommunication Engineering

Program Title: Bachelor of Engineering

Language of Instruction: English

PRN No:

Start Date:

Date of Award:

Degree Class Awarded:

Some Guidelines that may help you evaluate the transcript:

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|--------------|---|-----------------------------|
| Pass Class | : | 40% and above but below 50% |
| Second Class | : | 50% and above but below 60% |
| First Class | : | 60% and above but below 66% |
| Distinction | : | 66 % and above |
10. Successful candidates at Semesters I, III, V, and VII are declared to have passed the examination and there is no classification of such candidates based on marks.
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STATEMENT OF MARKS AND TEACHING SCHEME

Name of the Student :
Engineering Major : Electronics and Telecommunication Engineering.
Degree Awarded : Bachelor of Engineering (B.E.)

Duration	Subject	No. of Months	Hours per week		Marks obtained / Max marks	Total marks obtained / Max marks	Result
			Theory	Practical			
B.E. YEAR - I (SEMESTER - I)							
-	Engg. Mathematics - I Applied Science - I Engg. Mechanics Elements of Electrical and Electronics Engineering Engineering Graphics - I Communication Skill Workshop Practice - I	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	-	-
B.E. YEAR - I (SEMESTER - II)							
-	Engg. Mathematics - II Applied Science - II Elements of Mech. Engg. Elements of Civil Engg. Engg. Graphics - II Computer Programming Workshop Practice - II	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	-	-
B.E. YEAR - II (SEMESTER - III)							
-	Electronic Devices and Circuits - I Networks and Lines Digital Electronics Electromagnetic Engineering Components and Devices Technology	4 4 4 4 4	4 4 4 4 4	4 2 4 0 0	-	-	-
B.E. YEAR - II (SEMESTER - IV)							
-	Electronic Devices and Circuits - II Electrical Machines Electronic Instrumentation Principles of Communication Systems Engineering Mathematics - III	4 4 4 4 4	4 4 4 4 4	4 2 2 2 0	-	-	-
B.E. YEAR - III (SEMESTER - V)							
-	Network Analysis & Synthesis Feedback Control Systems Signal conditioning and Data Conversion Microprocessor Techniques Electronic Design - I	4 4 4 4 4	4 4 4 4 4	2 2 2 2 2	-	-	-
B.E. YEAR - III (SEMESTER - VI)							



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-	Industrial Management	4	4	0			
	Electronic Design - II	4	4	4			
	Communication Systems - I	4	4	2			
	Power Electronics	4	4	2	-	-	-
	Microprocessor Interfacing and Peripherals	4	4	2			
	Practical Training/Special Study/Minor Project	4	0	0			
B.E. YEAR – IV (SEMESTER – VII)							
-	VLSI Design	4	4	2			
	Communication System - II	4	4	2			
	Radiation and Microwave Techniques	4	4	2	-	-	-
	Digital Signal Processing	4	4	2			
	Seminar	4	0	2			
	Project Work	4	0	4			
B.E. YEAR – IV (SEMESTER - VIII)							
-	Fibre Optic Communication	4	4	2			
	Telematics	4	4	2			
	Consumer Electronics	4	4	2	-	-	-
	Electronic Measurement	4	4	2			
	Technical Visit	4	0	0			
	Project Work	4	0	4			

Name of the applicant :

Date :

Checked by :

Prof. Dr. P. J. Deore
(HOD - E & TC Dept.)

Official Seal of the College

Prof. Dr. J. B. Patil
Signature of the Principal



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Department

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Mechanical Engineering

Transcript Form



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UNIVERSITY, JALGAON
(Four Year Degree Course)**

STUDENT'S NAME:

(Surname) (Name) (Middle)

Department: Mechanical Engineering

Program Title: Bachelor of Engineering

Language of Instruction: English

PRN No:

Start Date:

Date of Award:

Degree Class Awarded:

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9. Successful candidates at Semester II, IV, VI, and VIII are placed in First Class, Second Class and Pass Class according to the marks as follows:
- | | | |
|--------------|---|-----------------------------|
| Pass Class | : | 40% and above but below 50% |
| Second Class | : | 50% and above but below 60% |
| First Class | : | 60% and above but below 66% |
| Distinction | : | 66 % and above |
10. Successful candidates at Semesters I, III, V, and VII are declared to have passed the examination and there is no classification of such candidates based on marks.
11. The B.E. Degree is awarded on the basis of the marks obtained at the last two semesters (VII - VIII) taken together.
12. Extra Curricular and other academic achievements of student are not indicated in the transcript.



R. C. PATEL INSTITUTE OF TECHNOLOGY

Shri. Amrishbhai Patel
President

Prof. Dr. J. B. Patil
Principal

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STATEMENT OF MARKS AND TEACHING SCHEME

Name of the Student :
Engineering Major : **Mechanical Engineering.**
Degree Awarded : **Bachelor of Engineering (B.E.)**

Duration	Subject	No. of Months	Hours per week		Marks obtained / Max marks	Total marks obtained / Max marks	Result
			Theory	Practical			
B.E. YEAR - I (SEMESTER - I)							
-	Engg. Mathematics – I	4	4	-	-	-	-
	Engg. Physics-I	4	4	2	-	-	-
	Engg. .Chemistry-I	4	4	2	-	-	-
	Engg. Mechanics	4	4	-	-	-	-
	Elements of Electronics Engineering	4	4	2	-	-	-
	Engineering Graphics – I	4	1	2	-	-	-
	Professional Communication	4	4	-	-	-	-
	Workshop Practice – I	4	-	2	-	-	-
B.E. YEAR - I (SEMESTER - II)							
-	Engg. Mathematics – II	4	4	-	-	-	-
	Engg. Physics-II	4	4	2	-	-	-
	Engg. .Chemistry-II	4	4	2	-	-	-
	Engg Thermodynamics	4	4	2	-	-	-
	Elements of Civil Engg.	4	4	2	-	-	-
	Elements of Electrical Engineering	4	4	2	-	-	-
	Engg. Graphics – II	4	1	2	-	-	-
	Introduction to computing	4	4	2	-	-	-
	Workshop Practice – II	4	-	2	-	-	-
B.E. YEAR - II (SEMESTER - III)							
-	Engineering Mathematics- III	4	4	2	-	-	-
	Strength of Materials	4	4	4	-	-	-
	Material Science	4	4	0	-	-	-
	Manufacturing Engineering-I	4	4	2	-	-	-
	Applied Thermodynamics	4	0	2	-	-	-
	Workshop Practice-III	4	0	2	-	-	-
	Machine Drawing	4	0	2	-	-	-
	Computer Graphics	4	0	2	-	-	-
B.E. YEAR - II (SEMESTER - IV)							
-	Theory of Machine	4	4	4	-	-	-
	Industrial Engineering	4	4	2	-	-	-
	Fluid Mechanics	4	4	2	-	-	-
	Electrical Machines & Ind. Elecs	4	4	2	-	-	-
	Manufacturing Engineering-II.	4	4	2	-	-	-
	Workshop Practice-IV	4	0	4	-	-	-



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B.E. YEAR - III (SEMESTER - V)							
-	Heat & Mass Transfer	4	4	2			
	Machine Design-I	4	4	2			
	Num. Analysis & Compt. Methods	4	4	2			
	Theory Of Machine-II	4	4	2	-	-	-
	Internal Combustion Engine	4	4	2			
	Computer Programming in C++/C	4	0	2			
	Human Res. Tra / Enter. Deve. Skill	4	0	0			
B.E. YEAR - III (SEMESTER - VI)							
-	Engineering Metallurgy	4	4	2			
	Machine Design -II	4	4	2			
	Turbo Machinery	4	4	2			
	Mech. Measurement & Metrology	4	4	2	-	-	-
	Project & Business Management	4	4	2			
	Mini Project/Prac Training/Spe. Std	4	0	2			
B.E. YEAR - IV (SEMESTER - VII)							
-	Refrigeration & Air Conditioning	4	4	2			
	Cad/Cam	4	4	2			
	Mechatronics System	4	4	2			
	Operational Research	4	4	0			
	Automobile Engineering (Elective-1)	4	4	0	-	-	-
	Project Work-1	4	0	2			
	Seminar	4	0	2			
B.E. YEAR - IV (SEMESTER - VIII)							
-	Finite Element Analysis & Simulation	4	4	4			
	Mechanical Vibration	4	4	2			
	Tribology	4	4	2			
	Introduction to Robotics (Elective-2)	4	4	0	-	-	-
	Industrial Visit/Case Study	4	0	0			
	Project Work-2	4	0	4			

Name of the applicant :

Date :

Checked by :

Prof. N. P. Salunke
(HOD – Mech. Engg. Dept.)

Prof. Dr. J. B. Patil

Official Seal of the College

Signature of the Principal



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COLLEGE TRANSCRIPT

**BACHELOR OF ENGINEERING – NORTH MAHARASHTRA
UNIVERSITY, JALGAON
(Four Year Degree Course)**

STUDENT'S NAME :

(Surname) (Name) (Middle)

Department:

Program Title:

Language of Instruction:

PRN No:

Start Date:

Date of Award:

Degree Class Awarded:

Some Guidelines that may help you evaluate the transcript:

1. Lectures are of 60 minutes duration, each.
2. The North Maharashtra University, Jalgaon prescribes the curriculum.
3. The North Maharashtra University, Jalgaon provides platform to organize Co-curricular and Extracurricular activities.
4. All examination papers are set by the North Maharashtra University, Jalgaon.
5. The B.E. 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.
6. North Maharashtra University, Jalgaon does not follow the CGPA system of marking.
7. Minimum 40% marks of maximum marks are required to pass in each head of examination.



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8. Some abbreviations used in the transcripts are :

TH -Theory Exam, **TW**- Term work Exam, **OR**- Oral Exam, **PR**- Practical Exam, **L**-Lecture, Hours /Week, **P**-Practical, Hours/week, **T**-Tutorial, Hours/Week, ' - ' Not Applicable.

9. Successful candidates at Semester II, IV, VI, and VIII are placed in First Class, Second Class and Pass Class according to the marks as follows:

Pass Class	:	40% and above but below 50%
Second Class	:	50% and above but below 60%
First Class	:	60% and above but below 66%
Distinction	:	66 % and above

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STATEMENT OF MARKS AND TEACHING SCHEME

Name of the Student :
Engineering Major : Civil Engineering.
Degree Awarded : Bachelor of Engineering (B.E.)

Duration	Subject	No. of Months	Hours per week		Marks obtained / Max marks	Total marks obtained / Max marks	Result
			Theory	Practical			
B.E. YEAR - I (SEMESTER - I)							
-	Engg. Mathematics - I Applied Science - I Engg. Mechanics Elements of Electrical and Electronics Engineering Engineering Graphics - I Communication Skill Workshop Practice – I	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	-	-
B.E. YEAR - I (SEMESTER - II)							
-	Engg. Mathematics - II Applied Science - II Elements of Mech. Engg. Elements of Civil Engg. Engg. Graphics - II Computer Programming Workshop Practice – II	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	-	-
B.E. YEAR - II (SEMESTER - III)							
-	Strength of Materials Surveying – I Building Construction & Materials Concrete technology Engineering Mathematics-III Computer Graphics	4 4 4 4 4 -	4 4 4 4 4 -	- 2 4 2 - 2	-	-	-
B.E. YEAR - II (SEMESTER - IV)							
-	Theory of Structures – I Surveying – II Building Design & Drawing Fluid Mechanics – I Engineering Geology	4 4 4 4 4	4 4 4 4 4	- 2 4 2 2	-	-	-
B.E. YEAR - III (SEMESTER - V)							



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	Structural Design & Drawing -I	4	4	4			
	Fluid Mechanics -II	4	4	2			
	Geotechnical Engineering -I	4	4	4	-	-	-
	Transportation Engineering -I	4	4	-			
	Numerical Methods in Civil Engineering	4	4	2			

B.E. YEAR - III (SEMESTER - VI)							
	Structural Design & drawing -II	4	4	4			
	Theory of Structure – II	4	4	-			
	Geotechnical Engineering -II	4	4	2			
	Transportation Engineering – II	4	4	-	-	-	-
	Environmental Engineering –I	4	4	2			
	Testing of Materials	4	-	2			
	Practical Training/ Mini project/ Special Study	4	-	-			

B.E. YEAR – IV (SEMESTER – VII)							
	Construction Management -I	4	4	2			
	Water Resources Engineering -I	4	4	-			
	Quantity Surveying & Valuation	4	4	2			
	Environmental Engineering –II	4	4	2	-	-	-
	Water Shed Management	4	4	2			
	Seminar	4	-	-			
	Project –Stage I	4	-	2			

B.E. YEAR – IV (SEMESTER - VIII)							
	Structural Design & drawing -II	4	4	4			
	Construction Management -II	4	4	2			
	Water Resources Engineering –II	4	4	2			
	Water Power Engineering	4	4	2	-	-	-
	Site Visit / Case Study	4	-	-			
	Industrial Visit/ Case Study	4	-	-			
	Project –Stage II	4	-	4			

Name of the applicant :

Date:

Checked by :

Prof. G. V. Tapkire
(HOD – Civil Engg. Dept.)

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Signature of the Principal