



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
GRADE CARD FOR INFORMATION OF STUDENT ONLY
BACHELOR OF TECHNOLOGY

Name : AYUSH BAGAI	Branch : ELECTRONICS AND INSTRUMENTATION ENGINEERING
Roll No. : 116EI0350	Joined : AY 2016-17 Graduated : AY

1st Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
CE130	Environment and Safety Engineering	3-1-0	4	A
CY101	Chemistry	3-1-0	4	EX
EC100	Basic Electronics Engineering	3-1-0	4	EX
MA101	Mathematics - I	3-1-0	4	C
PH101	Physics - I	3-1-0	4	EX
CE171	Engineering Drawing	0-0-3	2	EX
CS171	Computing Laboratory - I	0-0-3	2	A
CY170	Chemistry Laboratory	0-0-3	2	EX
WS171	Workshop Practice I	0-0-3	2	A
EA175	Physical Education-I	0-0-3	2	EX
Semester Credits:	30	Semester Grade Point Average (SGPA):		9.33
Total Credits:	30	Cummulative Grade Point Average (CGPA):		9.33

2nd Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
CE100	Engineering Mechanics	3-1-0	4	A
CS102	Data Structures and Algorithms	3-1-0	4	B
EE100	Basic Electrical Engineering	3-1-0	4	B
MA102	Mathematics – II	3-1-0	4	A
PH102	Physics - II	3-1-0	4	A
CS172	Computing Laboratory – II	0-0-3	2	A
ME170	Machine Drawing and Solid Modeling	0-0-3	2	A
PH170	Physics Laboratory	0-0-3	2	A
WS172	workshop Practice – II	0-0-3	2	EX
EA174	NSS-II	0-0-3	2	A
Semester Credits:	30	Semester Grade Point Average (SGPA):		8.80
Total Credits:	60	Cummulative Grade Point Average (CGPA):		9.07

3rd Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
EC201	Analog Electronics	3-1-0	4	B
EC205	Signals and Networks	3-1-0	4	A
MA201	Mathematics - III	3-1-0	4	A
ME250	Thermal Sciences	3-1-0	4	A
ME231	Total Quality Management	3-0-0	3	A
EC270	Basic Electronics Laboratory	0-0-3	2	EX
EC273	Circuit Simulation Laboratory	0-0-3	2	A
MA270	Numerical Methods Laboratory	0-0-3	2	EX
ME271	Thermal Engineering Laboratory	0-0-3	2	A
Semester Credits:	27	Semester Grade Point Average (SGPA):		9.00
Total Credits:	87	Cummulative Grade Point Average (CGPA):		9.05

4th Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
EE307	Electrical Machines	3-1-0	4	A
MA202	Mathematics – IV	3-1-0	4	A
BM429	Materials in Medical Science	3-0-0	3	EX
EC202	Digital Electronics	3-0-0	3	A
EC232	Electrical and Electronic Measurement	3-0-0	3	A
EC274	Analog Electronics Laboratory	0-0-3	2	A
EC276	Digital Electronics Laboratory	0-0-3	2	B
EE270	Electrical Engineering Laboratory	0-0-3	2	B
HS270	Language Laboratory	0-0-3	2	EX
Semester Credits:	25	Semester Grade Point Average (SGPA):		9.04
Total Credits:	112	Cummulative Grade Point Average (CGPA):		9.04

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5th Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
EC331	Control System Engineering	3-1-0	4	A
EC341	Digital Signal Processing	3-1-0	4	A
EC301	Microprocessors	3-0-0	3	EX
EC334	Instrumentation Devices	3-0-0	3	A
ME417	Control System Engineering	3-0-0	3	EX
EC367	Product Development Laboratory – I	0-0-3	2	A
EC371	Microprocessor Laboratory	0-0-3	2	A
EC375	Digital Signal Processing Laboratory	0-0-3	2	EX
EC377	Electronics Design Laboratory	0-0-3	2	EX
Semester Credits:	25	Semester Grade Point Average (SGPA):		9.40
Total Credits:	137	Cummulative Grade Point Average (CGPA):		9.11

6th Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
EC311	Analog Communication Systems	3-1-0	4	A
EC332	Electronic Instrumentation	3-1-0	4	A
EC312	Electromagnetic Theory	3-0-0	3	A
EC322	Embedded Systems	3-0-0	3	A
EE306	Power Generation Systems	3-0-0	3	A
EC368	Product Development Laboratory – II	0-0-3	2	A
EC370	Embedded Systems Design Laboratory	0-0-3	2	EX
EC374	Instrumentation Devices Laboratory	0-0-3	2	A
EC366	Research Practice	0-0-0	2	A
Semester Credits:	25	Semester Grade Point Average (SGPA):		9.08
Total Credits:	162	Cummulative Grade Point Average (CGPA):		9.10

7th Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
EC421	VLSI Design Techniques	3-1-0	4	A
EC433	Process Control and Instrumentation	3-1-0	4	A
EC6305	Analytical Instrumentation	3-0-0	3	A
MM448	Advanced Engineering Materials	3-0-0	3	A
EC469	Virtual Instrumentation Laboratory	0-0-3	2	A
EC475	VLSI Design Laboratory	0-0-3	2	B
EC479	Process Control Laboratory	0-0-3	2	A
EC493	Seminar and Technical Writing – I	0-0-0	2	A
EC491	Research Project – I	0-0-0	4	C
EC495	Short Term Industrial/Research Experience	0-0-0	2	A
Semester Credits:	28	Semester Grade Point Average (SGPA):		8.64
Total Credits:	190	Cummulative Grade Point Average (CGPA):		9.04

8th Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
EC424	Embedded Computing System	3-1-0	4	A
EC630	Industrial Instrumentation	3-0-0	3	EX
EC639	Advanced Process Control	3-0-0	3	A
HS330	Introduction to Indian Society and Social Structure	3-0-0	3	A
EC462	Advanced Process Control Laboratory	0-0-3	2	A
EC473	Reconfigurable System Design Laboratory	0-0-3	2	EX
EC476	Analytical and Biomedical Instrumentation Laboratory	0-0-3	2	EX
EC494	Seminar and Technical Writing – II	0-0-0	2	B
EC492	Research Project – II	0-0-0	4	A
EC496	Comprehensive Viva-Voce	0-0-0	2	EX
Semester Credits:	27	Semester Grade Point Average (SGPA):		9.26
Total Credits:	217	Cummulative Grade Point Average (CGPA):		9.06

REMARKS :	Performance	Grade	Grade Point	Performance	Grade	Grade Point	Performance	Grade	Grade Point
	Excellent	EX	10	Fair	C	7	Fail	F	2
	Very Good	A	9	Average	D	6	Debarred	X	0
	Good	B	8	Pass	P	5	Incomplete Assessment	I	-
				Satisfactory	S	-	Unsatisfactory	U	-

Date : 20 Jul 2020