



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
GRADE CARD
BACHELOR OF TECHNOLOGY

Name : **RAVI NARAYAN SAH**
Roll No. : **115ME0051**

Branch : **MECHANICAL ENGINEERING**
Joined : **AY 2015-16** Graduated : **AY 2018-19**

1st Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
CE100	Engineering Mechanics	3-1-0	4	C
CY101	Chemistry	3-1-0	4	C
EE100	Basic Electrical Engineering	3-1-0	4	B
MA101	Mathematics - I	3-1-0	4	B
PH101	Physics - I	3-1-0	4	B
CE171	Engineering Drawing	0-0-3	2	EX
CS171	Computing Laboratory - I	0-0-3	2	EX
PH170	Physics Laboratory	0-0-3	2	A
WS171	Workshop Practice I	0-0-3	2	EX
EA173	NSS-I	0-0-3	2	EX
Semester Credits : 30		Semester Grade Point Average (SGPA):		8.33
Total Credits : 30		Cumulative Grade Point Average (CGPA):		8.33

2nd Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
CE130	Environment and Safety Engineering	3-1-0	4	A
CS102	Data Structures and Algorithms	3-1-0	4	C
EC100	Basic Electronics Engineering	3-1-0	4	A
MA102	Mathematics - II	3-1-0	4	P
PH102	Physics - II	3-1-0	4	B
CS172	Computing Laboratory - II	0-0-3	2	A
CY170	Chemistry Laboratory	0-0-3	2	A
ME170	Machine Drawing and Solid Modeling	0-0-3	2	EX
WS172	workshop Practice - II	0-0-3	2	EX
EA176	Physical Education-II	0-0-3	2	EX
Semester Credits : 30		Semester Grade Point Average (SGPA):		8.27
Total Credits : 60		Cumulative Grade Point Average (CGPA):		8.30

3rd Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
MA201	Mathematics - III	3-1-0	4	B
ME211	Kinematics of Machines	3-1-0	4	A
ME213	Mechanics of Solids	3-1-0	4	B
ME251	Engineering Thermodynamics	3-1-0	4	P
MM325	Ironmaking and Steelmaking	3-0-0	3	A
CE273	Mechanics of Solids Laboratory	0-0-3	2	EX
EE270	Electrical Engineering Laboratory	0-0-3	2	B
HS270	Language Laboratory	0-0-3	2	A
ME273	Basic Thermal Engineering Laboratory	0-0-3	2	B
Semester Credits : 27		Semester Grade Point Average (SGPA):		8.04
Total Credits : 87		Cumulative Grade Point Average (CGPA):		8.22

4th Semester				
Subject Code	Subject Name	L-T-P	Credits	Grade
MA202	Mathematics - IV	3-1-0	4	D
ME210	Design of Machine Elements	3-1-0	4	A
ME233	Process Control and Assurance Science	3-1-0	4	B
ME230	Primary Production Processes	3-0-0	3	EX
MM358	Experimental Techniques in Materials Engineering	3-0-0	3	P
EC270	Basic Electronics Laboratory	0-0-3	2	A
MA270	Numerical Methods Laboratory	0-0-3	2	A
ME280	Machine Element Design Practice - I	0-0-3	2	EX
ME270	Advanced Manufacturing Practice - I	0-0-3	2	EX
Semester Credits : 26		Semester Grade Point Average (SGPA):		8.19
Total Credits : 113		Cumulative Grade Point Average (CGPA):		8.21

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5th Semester

Subject Code	Subject Name	L-T-P	Credits	Grade
EE307	Electrical Machines	3-1-0	4	B
ME331	Metal Machining and Automation	3-1-0	4	B
ME351	Fluid Mechanics	3-1-0	4	B
ME353	Internal Combustion Engines	3-0-0	3	EX
MM317	Material Technology	3-0-0	3	C
ME367	Product Development Laboratory - I	0-0-3	2	A
ME371	Advanced Manufacturing Practice - II	0-0-3	2	EX
ME375	Internal Combustion Engines and Automobile Engineering Laboratory	0-0-3	2	A
ME381	Machine Element Design Practice - II	0-0-3	2	EX
Semester Credits : 26		Semester Grade Point Average (SGPA):		8.58
Total Credits : 139		Cumulative Grade Point Average (CGPA):		8.28

7th Semester

Subject Code	Subject Name	L-T-P	Credits	Grade
ME411	Vibration Engineering	3-1-0	4	A
ME451	Heat Transfer	3-1-0	4	B
HS330	Introduction to Indian Society and Social Structure	3-0-0	3	B
ME431	Decision Modeling	3-0-0	3	B
ME471	Heat Transfer and Refrigeration Laboratory	0-0-3	2	A
ME481	Mechanical System Design Project	0-0-3	2	A
ME483	Industrial Engineering Project	0-0-3	2	A
ME493	Seminar and Technical Writing - I	0-0-0	2	B
ME491	Research Project - I	0-0-0	4	A
ME495	Short Term Industrial/Research Experience	0-0-0	2	A
Semester Credits : 28		Semester Grade Point Average (SGPA):		8.57
Total Credits : 191		Cumulative Grade Point Average (CGPA):		8.45

6th Semester

Subject Code	Subject Name	L-T-P	Credits	Grade
ME330	Metal Cutting and Tool Design	3-1-0	4	A
ME350	Power Plant Engineering	3-0-0	3	A
ME352	Hydraulic Machines and Fluid Power	3-0-0	3	EX
ME354	Refrigeration and Air-Conditioning	3-0-0	3	EX
MM318	Principle and Practice of Heat Treatments	3-0-0	3	A
ME368	Product Development Laboratory - II	0-0-3	2	A
ME372	Fluid Mechanics and Fluid Machines Laboratory	0-0-3	2	A
ME374	Computational Fluid Dynamics Laboratory	0-0-3	2	A
ME366	Research Practice	0-0-0	2	A
Semester Credits : 24		Semester Grade Point Average (SGPA):		9.25
Total Credits : 163		Cumulative Grade Point Average (CGPA):		8.42

8th Semester

Subject Code	Subject Name	L-T-P	Credits	Grade
ME440	Industrial Management	3-1-0	4	A
HS327	Cognitive Science	3-0-0	3	B
ME434	Computer Graphics for CAD/CAM	3-0-0	3	A
ME604	Advanced Mechatronics	3-0-0	3	B
ME470	Design Engineering Laboratory	0-0-3	2	A
ME473	Advanced Production Engineering Laboratory	0-0-3	2	A
ME482	Production Engineering Project	0-0-3	2	C
ME494	Seminar and Technical Writing - II	0-0-0	2	B
ME492	Research Project - II	0-0-0	4	A
ME496	Comprehensive Viva-Voce	0-0-0	2	A
Semester Credits : 27		Semester Grade Point Average (SGPA):		8.56
Total Credits : 218		Cumulative Grade Point Average (CGPA):		8.46

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	Incomplete Assessment	I	-
	Good	B	8	Pass	P	5	Debarred	X	-

Date : 30 May 2019

COMPARED BY

ASSISTANT REGISTRAR (ACADEMIC)

Assistant Registrar
(Academic-UG & PG)
National Institute of Technology
Rourkela-769008 (Odisha) India



17/0435/115ME0051



National Institute of Technology Rourkela

Upon the recommendation of the Senate,
hereby confers the degree of

Bachelor of Technology
in
Mechanical Engineering

on

Ravi Narayan Sah

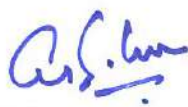
who has successfully completed the course of
studies as prescribed under the regulations and passed
the Final Examination in the session ending in June 2019,

with *Honours*.

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 18th Day of January 2020.




Registrar


Director