



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



Roll No: 0401ME11      Name: Tanney Polak      Year of Admission: 2004  
Programme: Bachelor of Technology      Course: Mechanical Engineering

#### Semester 1

Sub	Course Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	DD
CH110	Chemistry Laboratory	0-0-3	3	BC
EE101	Electrical Sciences	3-1-0	8	CD
HS101	English : Language Through Literature	3-0-0	6	CD
MA101	Mathematics - I	3-1-0	8	DD
ME111	Engineering Drawing	2-0-3	7	CC
PH101	Physics - I	2-1-0	6	F*
PH110	Physics Laboratory	0-0-3	3	BB

Total Credits: 49 Credits cleared: 49 SPI: 4.51 CPI: 4.51

#### Semester 2

Sub	Course Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	CD
CS101	Introduction to Computing	3-0-0	6	DD
CS110	Computing Laboratory	0-0-3	3	BC
EE102	Basic Electronics Laboratory	0-0-4	4	BC
MA102	Mathematics - II	3-1-0	8	DD
ME101	Engineering Mechanics	3-1-0	8	CC
ME110	Workshop - I	0-0-3	3	BC
PH102	Physics - II	2-1-0	6	DD*

Total Credits: 44 Credits cleared: 44 SPI: 5.18 CPI: 4.83

#### Semester 3

Sub	Course Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CD
HS201	Introductory Microeconomics	3-0-0	6	DD
MA201	Mathematics - III	3-1-0	8	DD
ME201	Solid Mechanics	2-1-0	6	DD
ME204	Fluid Mechanics - I	2-1-0	6	DD
ME205	Thermodynamics	3-1-0	8	DD
ME211	Machine Drawing	0-0-4	4	BB

Total Credits: 47 Credits cleared: 47 SPI: 4.53 CPI: 4.73

#### Semester 4

Sub	Course Name	L-T-P	CRD	GRD
EE280	Electrical Machines	3-0-0	6	DD
EE281	Electrical Machines Laboratory	0-0-3	3	CD
HS202	Introductory Macroeconomics	3-0-0	6	CD
MA251	Optimization Techniques	3-0-0	6	DD
ME202	Engineering Materials	3-0-0	6	DD
ME203	Advanced Solid Mechanics	2-1-0	6	DD
ME206	Fluid Mechanics - II	2-1-0	6	DD
ME210	Workshop - II	0-0-6	6	BC
ME212	Mechanical Engineering Laboratory - I	0-0-4	4	CC

Total Credits: 49 Credits cleared: 49 SPI: 4.71 CPI: 4.72

#### Semester 5

Sub	Course Name	L-T-P	CRD	GRD
ME301	Manufacturing Technology - I	3-1-0	8	DD
ME302	Mechanical Measurements	2-1-0	6	CC
ME303	Design of Machine Elements	3-1-0	8	DD
ME304	Kinematics of Machinery	2-1-0	6	CD
ME305	Heat and Mass Transfer	3-1-0	8	DD
ME310	Mechanical Engineering Laboratory - II	0-0-4	4	BB
ME321	Applied Thermodynamics - I	2-1-0	6	DD

Total Credits: 46 Credits cleared: 46 SPI: 4.74 CPI: 4.73

#### Semester 6

Sub	Course Name	L-T-P	CRD	GRD
HS331	Sociology of Development	3-0-0	6	DD
ME306	Manufacturing Technology - II	3-1-0	8	DD
ME307	Machine Design	3-0-2	8	CC
ME308	Dynamics of Machinery	2-1-0	6	DD
ME309	Control Systems	3-1-0	8	DD
ME311	Mechanical Engineering Laboratory - III	0-0-4	4	BC
ME322	Applied Thermodynamics - II	2-1-0	6	DD

Total Credits: 46 Credits cleared: 46 SPI: 4.61 CPI: 4.71

#### Semester 7

Sub	Course Name	L-T-P	CRD	GRD
ME400	Summer Training	0-0-0	2	AB
ME401	Industrial Engineering and Operations Research	3-1-0	8	CD
ME411	Mechanical Engineering Laboratory - IV	0-0-4	4	BC
ME498	Project - I	0-0-8	8	AB
ME501	Robotics: Advanced Concepts and Analysis	3-0-0	6	CC
ME503	Computational Fluid Dynamics	3-0-0	6	DD
PH401	Introduction to Nanomaterials	3-0-0	6	CC

Total Credits: 40 Credits cleared: 40 SPI: 6.35 CPI: 4.91

#### Semester 8

Sub	Course Name	L-T-P	CRD	GRD
HS441	Industrial and Organizational Psychology	3-0-0	6	DD
ME447	Laser Material Processing	3-0-0	6	CC
ME449	Refrigeration and Air Conditioning	3-0-0	6	DD
ME499	Project - II	0-0-16	16	BC
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	DD

Total Credits: 40 Credits cleared: 40 SPI: 5.5 CPI: 4.98

#### Semester 10

Sub	Course Name	L-T-P	CRD	GRD
PH101	Physics - I	2-1-0	6	DD
PH102	Physics - II	2-1-0	6	BB

Total Credits: 12 Credits cleared: 12 SPI: 6.0 CPI: 5.01

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Assitant Registrar

*Arun Kumar*