
 INTERIM TRANSCRIPT	<div>भारतीय प्रौद्योगिकी संस्थान पटना</div> <div>Indian Institute of Technology Patna</div> <div>Transcript</div>	 INTERIM TRANSCRIPT																																																																																																																																																																																					
<div><div>Roll No. : 0401ME33</div><div>Name : Pebrook Hannaway</div><div>Year of Admission : 2004</div><div>Programme : Bachelor of Technology</div><div>Course : ME</div></div>																																																																																																																																																																																							
<div>Semester 1</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>CH101</td><td>Chemistry - I</td><td>3-1-0</td><td>8</td><td>BC</td></tr><tr><td>CH110</td><td>Chemistry Laboratory</td><td>0-0-3</td><td>3</td><td>AA</td></tr><tr><td>EE101</td><td>Electrical Sciences</td><td>3-1-0</td><td>8</td><td>CD</td></tr><tr><td>HS101</td><td>English : Language Through Literature</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>MA101</td><td>Mathematics - I</td><td>3-1-0</td><td>8</td><td>BC</td></tr><tr><td>ME111</td><td>Engineering Drawing</td><td>2-0-3</td><td>7</td><td>AB</td></tr><tr><td>PH101</td><td>Physics - I</td><td>2-1-0</td><td>6</td><td>CC</td></tr><tr><td>PH110</td><td>Physics Laboratory</td><td>0-0-3</td><td>3</td><td>AA</td></tr></table> <div>Credits Taken : 49Credits Cleared : 49SPI : 7.45CPI : 7.45</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	CH101	Chemistry - I	3-1-0	8	BC	CH110	Chemistry Laboratory	0-0-3	3	AA	EE101	Electrical Sciences	3-1-0	8	CD	HS101	English : Language Through Literature	3-0-0	6	AB	MA101	Mathematics - I	3-1-0	8	BC	ME111	Engineering Drawing	2-0-3	7	AB	PH101	Physics - I	2-1-0	6	CC	PH110	Physics Laboratory	0-0-3	3	AA	<div>Semester 2</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>CH102</td><td>Chemistry - II</td><td>3-0-0</td><td>6</td><td>BC</td></tr><tr><td>CS101</td><td>Introduction to Computing</td><td>3-0-0</td><td>6</td><td>BB</td></tr><tr><td>CS110</td><td>Computing Laboratory</td><td>0-0-3</td><td>3</td><td>AB</td></tr><tr><td>EE102</td><td>Basic Electronics Laboratory</td><td>0-0-4</td><td>4</td><td>AB</td></tr><tr><td>MA102</td><td>Mathematics - II</td><td>3-1-0</td><td>8</td><td>BC</td></tr><tr><td>ME101</td><td>Engineering Mechanics</td><td>3-1-0</td><td>8</td><td>AB</td></tr><tr><td>ME110</td><td>Workshop - I</td><td>0-0-3</td><td>3</td><td>AB</td></tr><tr><td>PH102</td><td>Physics - II</td><td>2-1-0</td><td>6</td><td>BC</td></tr></table> <div>Credits Taken : 44Credits Cleared : 44SPI : 7.95CPI : 7.69</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	CH102	Chemistry - II	3-0-0	6	BC	CS101	Introduction to Computing	3-0-0	6	BB	CS110	Computing Laboratory	0-0-3	3	AB	EE102	Basic Electronics Laboratory	0-0-4	4	AB	MA102	Mathematics - II	3-1-0	8	BC	ME101	Engineering Mechanics	3-1-0	8	AB	ME110	Workshop - I	0-0-3	3	AB	PH102	Physics - II	2-1-0	6	BC	<div>Semester 3</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>CS201</td><td>Object Oriented Programming and Data Structures</td><td>3-0-3</td><td>9</td><td>AA</td></tr><tr><td>HS201</td><td>Introductory Microeconomics</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>MA201</td><td>Mathematics - III</td><td>3-1-0</td><td>8</td><td>BC</td></tr><tr><td>ME201</td><td>Solid Mechanics</td><td>2-1-0</td><td>6</td><td>AB</td></tr><tr><td>ME204</td><td>Fluid Mechanics - I</td><td>2-1-0</td><td>6</td><td>AB</td></tr><tr><td>ME205</td><td>Thermodynamics</td><td>3-1-0</td><td>8</td><td>AB</td></tr><tr><td>ME211</td><td>Machine Drawing</td><td>0-0-4</td><td>4</td><td>AB</td></tr></table> <div>Credits Taken : 47Credits Cleared : 47SPI : 8.85CPI : 8.08</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	CS201	Object Oriented Programming and Data Structures	3-0-3	9	AA	HS201	Introductory Microeconomics	3-0-0	6	AB	MA201	Mathematics - III	3-1-0	8	BC	ME201	Solid Mechanics	2-1-0	6	AB	ME204	Fluid Mechanics - I	2-1-0	6	AB	ME205	Thermodynamics	3-1-0	8	AB	ME211	Machine Drawing	0-0-4	4	AB	<div>Semester 4</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>EE280</td><td>Electrical Machines</td><td>3-0-0</td><td>6</td><td>BB</td></tr><tr><td>EE281</td><td>Electrical Machines Laboratory</td><td>0-0-3</td><td>3</td><td>BC</td></tr><tr><td>HS202</td><td>Introductory Macroeconomics</td><td>3-0-0</td><td>6</td><td>BB</td></tr><tr><td>MA251</td><td>Optimization Techniques</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>ME202</td><td>Engineering Materials</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>ME203</td><td>Advanced Solid Mechanics</td><td>2-1-0</td><td>6</td><td>BB</td></tr><tr><td>ME206</td><td>Fluid Mechanics - II</td><td>2-1-0</td><td>6</td><td>AB</td></tr><tr><td>ME210</td><td>Workshop - II</td><td>0-0-6</td><td>6</td><td>AB</td></tr><tr><td>ME212</td><td>Mechanical Engineering Laboratory - I</td><td>0-0-4</td><td>4</td><td>AA</td></tr></table> <div>Credits Taken : 49Credits Cleared : 49SPI : 8.59CPI : 8.21</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	EE280	Electrical Machines	3-0-0	6	BB	EE281	Electrical Machines Laboratory	0-0-3	3	BC	HS202	Introductory Macroeconomics	3-0-0	6	BB	MA251	Optimization Techniques	3-0-0	6	AB	ME202	Engineering Materials	3-0-0	6	AB	ME203	Advanced Solid Mechanics	2-1-0	6	BB	ME206	Fluid Mechanics - II	2-1-0	6	AB	ME210	Workshop - II	0-0-6	6	AB	ME212	Mechanical Engineering Laboratory - I	0-0-4	4	AA
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CH101	Chemistry - I	3-1-0	8	BC																																																																																																																																																																																			
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ME110	Workshop - I	0-0-3	3	AB																																																																																																																																																																																			
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ME203	Advanced Solid Mechanics	2-1-0	6	BB																																																																																																																																																																																			
ME206	Fluid Mechanics - II	2-1-0	6	AB																																																																																																																																																																																			
ME210	Workshop - II	0-0-6	6	AB																																																																																																																																																																																			
ME212	Mechanical Engineering Laboratory - I	0-0-4	4	AA																																																																																																																																																																																			
<div>Semester 5</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>ME301</td><td>Manufacturing Technology - I</td><td>3-1-0</td><td>8</td><td>AB</td></tr><tr><td>ME302</td><td>Mechanical Measurements</td><td>2-1-0</td><td>6</td><td>AB</td></tr><tr><td>ME303</td><td>Design of Machine Elements</td><td>3-1-0</td><td>8</td><td>BB</td></tr><tr><td>ME304</td><td>Kinematics of Machinery</td><td>2-1-0</td><td>6</td><td>BB</td></tr><tr><td>ME305</td><td>Heat and Mass Transfer</td><td>3-1-0</td><td>8</td><td>AB</td></tr><tr><td>ME310</td><td>Mechanical Engineering Laboratory - II</td><td>0-0-4</td><td>4</td><td>AA</td></tr><tr><td>ME321</td><td>Applied Thermodynamics - I</td><td>2-1-0</td><td>6</td><td>AB</td></tr></table> <div>Credits Taken : 46Credits Cleared : 46SPI : 8.78CPI : 8.32</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	ME301	Manufacturing Technology - I	3-1-0	8	AB	ME302	Mechanical Measurements	2-1-0	6	AB	ME303	Design of Machine Elements	3-1-0	8	BB	ME304	Kinematics of Machinery	2-1-0	6	BB	ME305	Heat and Mass Transfer	3-1-0	8	AB	ME310	Mechanical Engineering Laboratory - II	0-0-4	4	AA	ME321	Applied Thermodynamics - I	2-1-0	6	AB	<div>Semester 6</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>HS331</td><td>Sociology of Development</td><td>3-0-0</td><td>6</td><td>BB</td></tr><tr><td>ME306</td><td>Manufacturing Technology - II</td><td>3-1-0</td><td>8</td><td>BB</td></tr><tr><td>ME307</td><td>Machine Design</td><td>3-0-2</td><td>8</td><td>AB</td></tr><tr><td>ME308</td><td>Dynamics of Machinery</td><td>2-1-0</td><td>6</td><td>AB</td></tr><tr><td>ME309</td><td>Control Systems</td><td>3-1-0</td><td>8</td><td>BC</td></tr><tr><td>ME311</td><td>Mechanical Engineering Laboratory - III</td><td>0-0-4</td><td>4</td><td>AB</td></tr><tr><td>ME322</td><td>Applied Thermodynamics - II</td><td>2-1-0</td><td>6</td><td>BB</td></tr></table> <div>Credits Taken : 46Credits Cleared : 46SPI : 8.22CPI : 8.31</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	HS331	Sociology of Development	3-0-0	6	BB	ME306	Manufacturing Technology - II	3-1-0	8	BB	ME307	Machine Design	3-0-2	8	AB	ME308	Dynamics of Machinery	2-1-0	6	AB	ME309	Control Systems	3-1-0	8	BC	ME311	Mechanical Engineering Laboratory - III	0-0-4	4	AB	ME322	Applied Thermodynamics - II	2-1-0	6	BB	<div>Semester 7</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>ME400</td><td>Summer Training</td><td>0-0-0</td><td>2</td><td>AA</td></tr><tr><td>ME401</td><td>Industrial Engineering and Operations Research</td><td>3-1-0</td><td>8</td><td>AA</td></tr><tr><td>ME411</td><td>Mechanical Engineering Laboratory - IV</td><td>0-0-4</td><td>4</td><td>AA</td></tr><tr><td>ME441</td><td>Computational Fluid Dynamics</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>ME449</td><td>Refrigeration and Air Conditioning</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>ME498</td><td>Project - I</td><td>0-0-8</td><td>8</td><td>AA</td></tr><tr><td>PH401</td><td>Introduction to Nanomaterials</td><td>3-0-0</td><td>6</td><td>AA</td></tr></table> <div>Credits Taken : 40Credits Cleared : 40SPI : 9.7CPI : 8.48</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	ME400	Summer Training	0-0-0	2	AA	ME401	Industrial Engineering and Operations Research	3-1-0	8	AA	ME411	Mechanical Engineering Laboratory - IV	0-0-4	4	AA	ME441	Computational Fluid Dynamics	3-0-0	6	AB	ME449	Refrigeration and Air Conditioning	3-0-0	6	AB	ME498	Project - I	0-0-8	8	AA	PH401	Introduction to Nanomaterials	3-0-0	6	AA	<div>Semester 8</div> <table><tr><th>Sub Code</th><th>Subject Name</th><th>L-T-P</th><th>CRD</th><th>GRD</th></tr><tr><td>HS441</td><td>Industrial and Organizational Psychology</td><td>3-0-0</td><td>6</td><td>BB</td></tr><tr><td>ME442</td><td>Aerodynamics</td><td>3-0-0</td><td>6</td><td>AB</td></tr><tr><td>ME446</td><td>Composite Materials and Engineering</td><td>3-0-0</td><td>6</td><td>BB</td></tr><tr><td>ME499</td><td>Project - II</td><td>0-0-16</td><td>16</td><td>AA</td></tr><tr><td>PH403</td><td>Photovoltaics & Fuel Cell Technology</td><td>3-0-0</td><td>6</td><td>BB</td></tr></table> <div>Credits Taken : 40Credits Cleared : 40SPI : 8.95CPI : 8.53</div>	Sub Code	Subject Name	L-T-P	CRD	GRD	HS441	Industrial and Organizational Psychology	3-0-0	6	BB	ME442	Aerodynamics	3-0-0	6	AB	ME446	Composite Materials and Engineering	3-0-0	6	BB	ME499	Project - II	0-0-16	16	AA	PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	BB																														
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