

Department of Industrial and Production Engineering (IPE)
Course Offer for Semester- Fall 2022
Evening Batch

First Year 3rd Semester: 13th Batch (2022 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
1st Year 3rd Semester (13th Batch)	IPE 101	Introduction to Industrial & Production Engineering			3.00
	PHY 113	Physics I (Waves and Oscillations, Physical Optics and Mechanics)			3.00
	CHM 111	Chemistry I			3.00
	MTH 121	Differential and Integral Calculus			3.00
	HUM 101	English Language Practice			2.00
	SHOP 170	Machine Shop Sessional			0.75
					<u>Total=</u>

Second Year 1st Semester: 12th Batch (2022 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
2nd Year 1st Semester (12th Batch)	MTH 123	Vector, Matrix and Solid Geometry			3.00
	PHY 115	Physics II (Structure of Matter, Electricity, Magnetism and Modern Physics)			3.00
	CHM 113	Chemistry II (Chemistry of Materials)			3.00
	CHM 112	Inorganic Quantitative Analysis Sessional			1.50
	PHY 116	Physics Sessional			1.50
					<u>Total=</u>

Second Year 2nd Semester: 11th Batch (2022 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
2nd Year 2nd Semester (11th Batch)	IPE 205	Manufacturing Process I			3.00
	MME 295	Engineering Materials I			3.00
	MTH 221	Differential Equation, Vector Calculus and Laplace Transformation			3.00
	IPE 206	Manufacturing Process I Sessional			0.75
	SHOP 160	Foundry and Welding Shop Sessional			0.75
	MME 296	Engineering Materials Sessional			1.50
					<u>Total=</u>

Second Year 3rd Semester: 10th Batch (2021 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
2nd Year 3rd Semester (10th Batch)	EEE 271	Electrical Machines and Electronics			3.00
	IPE 207	Probability and Statistics			3.00
	MME 297	Engineering Materials II			3.00
	CSE 295	Computer Programming Techniques			3.00
	EEE 272	Electrical Machines and Electronics Sessional			1.50
	CSE 296	Computer Programming Techniques Sessional			1.50
					<u>Total=</u>

Third Year 1st Semester: 9th Batch (2021 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
3rd Year 1st Semester (9th Batch)	ME 243	Mechanics of Solids			3.00
	ME 265	Thermodynamics and Heat Transfer			3.00
	IPE 329	Numerical Analysis			3.00
	ME 244	Mechanics of Solids Sessional			0.75
	ME 266	Thermodynamics and Heat Transfer Sessional			1.50
	IPE 204	Engineering Graphics and Introduction to CAD Sessional			1.50
					<u>Total=</u>

Third Year 2nd Semester: 8th Batch (2021 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
3rd Year 2nd Semester (8th Batch)	IPE 305	Manufacturing Process II			3.00
	IPE 315	Operations & Project Management			3.00
	IPE 321	Modern Machinery and Machining Processes			3.00
	IPE 307	Operations Research			3.00
	IPE 301	Measurement, Instrumentation and Control			3.00
	IPE 306	Manufacturing Process II Sessional			0.75
	IPE 302	Measurement, Instrumentation and Control Sessional			0.75
					<u>Total=</u>

Third Year 3rd Semester: 7th Batch (2015 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
3rd Year 3rd Semester (7th Batch)	ME 323	Fluid Mechanics & Machinery			3.0
	ME 324	Fluid Mechanics & Machinery Sessional			1.50
	IPE 301	Measurement, Instrumentation and Control			3.0
	IPE 302	Measurement, Instrumentation and Control Sessional			0.75
	IPE 411	Industrial and Business Management			3.0
	MME 297	Engineering Materials II			2.0
	IPE 204	Engineering Graphics and Introduction to CAD Sessional			1.50
					<u>Total</u>

Fourth Year 1st Semester: 6th Batch (2015 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
4th Year 1st Semester (6th Batch)	IPE 427	Marketing Management			2.0
	IPE 407	Ergonomics and Safety Management			3.0
	IPE 411	Industrial and Business Management			3.0
	IPE 408	Ergonomics and Safety Sessional			0.75
	IPE 311	Materials Handling and Maintenance Management			3.0
	IPE 312	Material Handling and Maintenance Management Sessional			0.75
	IPE 403	Production Planning & Control			3.0
					<u>Total</u>

Fourth Year 2nd Semester: 5th Batch (2015 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
4th Year 2nd Semester (5th Batch)	IPE 319	Quality Management			3.00
	IPE 409	CAD/CAM			3.00
	IPE 423	Environmental & Pollution Control			3.00
	IPE 451	Supply Chain Management			3.00
	IPE 410	CAD/CAM Sessional			1.50
	IPE 400	Project/Thesis			**
					<u>Total</u>

Fourth Year 3rd Semester: 4th Batch (2015 Syllabus)

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
4th Year 3rd Semester (4th Batch)	IPE 401	Machine Tools			3.00
	IPE 402	Machine Tools Sessional			1.50
	IPE 470	Industrial Simulation Sessional			0.75
	IPE 400	Project/Thesis			6.00
	IPE 404	Industrial Practice Sessional			1.50
					<u>Total=</u>

Semester	Course Code	Course Title	Faculty Name	Faculty Code	Cr.
5th Year 1st Semester *** (Special)	IPE 105	Principles of Cost and Management Accounting			3.00
					<u>Total=</u>

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