भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

Roll No:	0401EE26	Name:	Gwynne Fargher	Year of Admission:	2020
Programme:	Bachelors of Technology	Course:	EE		

Semester 1

CH101	Chemistry - I	3-1-0	8	CORE	BC
CH110	Chemistry Laboratory	0-0-3	3	CORE	AB
EE101	Electrical Sciences	3-1-0	8	CORE	CC
HS101	English : Language Through Literature	3-0-0	6	CORE	BB
MA101	Mathematics - I	3-1-0	8	CORE	CD
ME111	Engineering Drawing	2-0-3	7	CORE	BC
PH101	Physics - I	2-1-0	6	CORE	CD
PH110	Physics Laboratory	0-0-3	3	CORE	AA

Credits Taken: 49   Credits Cleared: 49   SPI: 6.69 CPI: 6.69

Semester 2

CH102	Chemistry - II	3-0-0	6	CORE	CC
CS101	Introduction to Computing	3-0-0	6	CORE	CC
CS110	Computing Laboratory	0-0-3	3	CORE	CC
EE102	Basic Electronics Laboratory	0-0-4	4	CORE	BC
MA102	Mathematics - II	3-1-0	8	CORE	CD
ME101	Engineering Mechanics	3-1-0	8	CORE	BC
ME110	Workshop - I	0-0-3	3	CORE	AA
PH102	Physics - II	2-1-0	6	CORE	CD

Credits Taken: 44   Credits Cleared: 93   SPI: 6.23 CPI: 6.47

Semester 3

CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	CC
EE200	Semiconductor Devices and Circuits	3-0-0	6	CORE	BC
EE201	Digital Circuits and Microprocessors	3-0-0	6	CORE	CD
EE202	Digital Circuits Laboratory	0-0-3	3	CORE	AB
EE220	Signal, System and Networks	3-1-0	8	CORE	CD
HS221	Fundamentals of Linguistics Science	3-0-0	6	HS Elective	BB
MA201	Mathematics - III	3-1-0	8	CORE	CC

Credits Taken: 46   Credits Cleared: 139 SPI: 6.28 CPI: 6.41

Semester 4

EE203	Analog Integrated Circuits	3-0-0	6	CORE	CC
EE204	Analog Circuits Laboratory	0-0-3	3	CORE	AB
EE230	Principles of Communication	3-1-0	8	CORE	BC
EE280	Electrical Machines	3-0-0	6	CORE	DD
EE281	Electrical Machines Laboratory	0-0-3	3	CORE	CC
HS223	Cognition: Language and Computation	3-0-0	6	HS ELECTIVE	BC
MA225	Probability Theory and Random Processes	3-1-0	8	CORE	CC
MA251	Optimization Techniques	3-0-0	6	Elective-Sc.	DD

Credits Taken: 46   Credits Cleared: 185 SPI: 5.98 CPI: 6.3

Semester 5

EE310	Introduction to VLSI Design	3-0-0	6	CORE	CC
EE311	VLSI laboratory	0-0-3	3	CORE	BC
EE320	Digital Signal Processing	3-0-0	6	CORE	DD
EE331	Communication Laboratory	0-0-3	3	CORE	BB
EE350	Control Systems	3-0-0	6	CORE	CD
EE370	Electronic Instrumentation	3-0-0	6	CORE	DD
EE371	Instrumentation and Control Lab	0-0-3	3	CORE	BB
EE380	Electrical Power Systems	3-0-0	6	CORE	CD

Credits Taken: 39   Credits Cleared: 224 SPI: 5.46 CPI: 6.16

Semester 6

EE304	Design Laboratory	0-0-4	4	CORE	BB
EE321	Digital Signal Processing Laboratory	0-0-3	3	CORE	BB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	CORE	CD
EE340	Electromagnetic Theory	3-0-0	6	CORE	DD
EE351	Advanced Control Systems	3-0-0	6	CORE	DD
EE360	Embedded Systems	3-0-0	6	CORE	DD
EE361	Embedded Systems Laboratory	0-0-3	3	CORE	CC
HS331	Sociology of Development	3-0-0	6	HS Elective	BB

Credits Taken: 40   Credits Cleared: 264 SPI: 5.6 CPI: 6.07

Semester 7

EE400	Summer Training	0-0-0	2	CORE	AA
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	DEPARTMENTAL ELECTIVE - I	DD
EE480	Electrical Power Systems Operation and Control	3-0-0	6	CORE	CD
EE481	Power Electronics and Drives	3-0-0	6	CORE	CD
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	CORE	CD
EE490	Image Processing	3-0-0	6	DEPARTMENTAL ELECTIVE - II	CD
EE498	Project - I	0-0-8	10	CORE	AB
PH402	Solid State Devices	3-0-0	6	OPEN ELECTIVE - I	BC

Credits Taken: 45   Credits Cleared: 309 SPI: 6.24 CPI: 6.1

Semester 8

EE483	Distributed Energy Resources	3-0-0	6	Departmental Elective - III	CC
EE491	Visual Surveillance Systems	3-0-0	6	Departmental Elective - IV	BC
EE499	Project - II	0-0-14	14	CORE	BC
HS441	Industrial and Organizational Psychology	3-0-0	6	HSS Elective	CC
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	Open Elective - II	BB

Credits Taken: 38   Credits Cleared: 347 SPI: 6.84 CPI: 6.18

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TRANSCRIPT

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Assistant Registrar (Academic)