



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



Roll Number 0401EE26    Name: Gwynne Fargher    Year of Admission: 2019  
Programme: Bachelor of Technology    Course: Electrical Engineering

#### Semester1

Subject No.	Subject Name	L-T-P	Credit	Grade
CH101	Chemistry - I	3-1-0	8	BC
CH110	Chemistry Laboratory	0-0-3	3	AB
EE101	Electrical Sciences	3-1-0	8	CC
HS101	English : Language Through Literature	3-0-0	6	BB
MA101	Mathematics - I	3-1-0	8	CD
ME111	Engineering Drawing	2-0-3	7	BC
PH101	Physics - I	2-1-0	6	CD

Credits taken: Total Credits Taken    Credits Cleared: 46    SPI: SPI    CPI: CPI

#### Semester5

Subject No.	Subject Name	L-T-P	Credit	Grade
EE310	Introduction to VLSI Design	3-0-0	6	CC
EE311	VLSI laboratory	0-0-3	3	BC
EE320	Digital Signal Processing	3-0-0	6	DD
EE331	Communication Laboratory	0-0-3	3	BB
EE350	Control Systems	3-0-0	6	CD
EE370	Electronic Instrumentation	3-0-0	6	DD
EE371	Instrumentation and Control Lab	0-0-3	3	BB

Credits taken: 185    Credits Cleared: 33    SPI: 5.98    CPI: 6.3

#### Semester2

Subject No.	Subject Name	L-T-P	Credit	Grade
CH102	Chemistry - II	3-0-0	6	CC
CS101	Introduction to Computing	3-0-0	6	CC
CS110	Computing Laboratory	0-0-3	3	CC
EE102	Basic Electronics Laboratory	0-0-4	4	BC
MA102	Mathematics - II	3-1-0	8	CD
ME101	Engineering Mechanics	3-1-0	8	BC
ME110	Workshop - I	0-0-3	3	AA

Credits taken: 49    Credits Cleared: 38    SPI: 6.69    CPI: 6.69

#### Semester6

Subject No.	Subject Name	L-T-P	Credit	Grade
EE304	Design Laboratory	0-0-4	4	BB
EE321	Digital Signal Processing Laboratory	0-0-3	3	BB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	CD
EE340	Electromagnetic Theory	3-0-0	6	DD
EE351	Advanced Control Systems	3-0-0	6	DD
EE360	Embedded Systems	3-0-0	6	DD
EE361	Embedded Systems Laboratory	0-0-3	3	CC

Credits taken: 224    Credits Cleared: 34    SPI: 5.46    CPI: 6.16

#### Semester3

Subject No.	Subject Name	L-T-P	Credit	Grade
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CC
EE200	Semiconductor Devices and Circuits	3-0-0	6	BC
EE201	Digital Circuits and Microprocessors	3-0-0	6	CD
EE202	Digital Circuits Laboratory	0-0-3	3	AB
EE220	Signal, System and Networks	3-1-0	8	CD
HS221	Fundamentals of Linguistics Science	3-0-0	6	BB

Credits taken: 93    Credits Cleared: 38    SPI: 6.23    CPI: 6.47

#### Semester7

Subject No.	Subject Name	L-T-P	Credit	Grade
EE400	Summer Training	0-0-0	2	AA
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	DD
EE480	Electrical Power Systems Operation and Control	3-0-0	6	CD
EE481	Power Electronics and Drives	3-0-0	6	CD
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	CD
EE490	Image Processing	3-0-0	6	CD
EE498	Project - I	0-0-8	10	AB

Credits taken: 264    Credits Cleared: 39    SPI: 5.6    CPI: 6.07

#### Semester4

Subject No.	Subject Name	L-T-P	Credit	Grade
EE203	Analog Integrated Circuits	3-0-0	6	CC
EE204	Analog Circuits Laboratory	0-0-3	3	AB
EE230	Principles of Communication	3-1-0	8	BC
EE280	Electrical Machines	3-0-0	6	DD
EE281	Electrical Machines Laboratory	0-0-3	3	CC
HS223	Cognition: Language and Computation	3-0-0	6	BC
MA225	Probability Theory and Random Processes	3-1-0	8	CC

Credits taken: 139    Credits Cleared: 40    SPI: 6.28    CPI: 6.41

#### Semester8

Subject No.	Subject Name	L-T-P	Credit	Grade
EE483	Distributed Energy Resources	3-0-0	6	CC
EE491	Visual Surveillance Systems	3-0-0	6	BC
EE499	Project - II	0-0-14	14	BC
HS441	Industrial and Organizational Psychology	3-0-0	6	CC

Credits taken: 309    Credits Cleared: 32    SPI: 6.24    CPI: 6.1

Date of Issue:

28 JUN 2021



Assistant Registrar (Academic)