

**Department of Computer Science & Engineering, Amritapuri Campus**  
**COURSE ALLOCATION FOR THE TERM JUNE - NOVEMBER 2020**

**B Tech and M Tech Computer Science and Engineering**

**S1 CSE (A) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Ms. Silpa S
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Ms.Lasitha A
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Mr Jayakumar P
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Ms Vinitha Panicker
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Mr Arjun (WNA)
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22**

**S1 CSE (B) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Dr. Shibani C. Aich
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Mr.Dhaneesh P
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Mr Sarath S
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Ms Deepa Raj
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Ms Jayasree Narayanan
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22**

**S1 CSE (C) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Dr. Gayathri M V
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Ms Sreelatha KS, Ms Sarika SG, Dr. Manju B R
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Dr. Ram(WNA)
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Ms Vinitha Panicker
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Mr Arjun (WNA)
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22**

**S1 CSE (D) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Ms. Krishnajamol K
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Dr.Manjusha R, Mr. Arjun , Mr. Jeevan S
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Bri.Neetha
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	New Faculty
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Mr Krishna S
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22****S1 CSE AIE - 2020 Batch (A batch)**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT105	Mathematics for Intelligent System 1	2	0	3	3		Dr.Sajeev.G P
SCI	19PHY104	Computational Engineering Mechanics 1	2	0	3	3		Dr Hariprasad M.P
ENGG	19AIE105	Object Oriented Programming	2	1	3	4		Bri.Jayashree
ENGG	19AIE101	Elements of Computing Systems 1	2	0	3	3		Bri Dhivvya J.P
ENGG	19AIE104	Introduction to Electrical Engineering	2	0	3	3		Mr Anudev J
SCI	19BIO103	Intelligence of Biological Systems 1	1	0	3	2		Dr Dalia Vishnudasana (Biotech)
ENGG	19AIE102	Introduction to Digital Manufacturing	1	0	3	2		Mr Rahulan N (MEE)
ENGG	19AIE103	Introduction to Drones	1	0	3	2		Ms Lekshmi R chandran (EEE)
HUM	19CUL101	Cultural Education I	2	0	0	2		
		<b>TOTAL</b>				<b>24</b>		

**S1 CSE AIE - 2020 Batch (B batch)**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT105	Mathematics for Intelligent System 1	2	0	3	3		Ms Meenu L (WNA)
SCI	19PHY104	Computational Engineering Mechanics 1	2	0	3	3		Mr Hariprasad C
ENGG	19AIE105	Object Oriented Programming	2	1	3	4		Dr Rekha P (WNA)
ENGG	19AIE101	Elements of Computing Systems 1	2	0	3	3		Ms Athira Gopinath( WNA)
ENGG	19AIE104	Introduction to Electrical Engineering	2	0	3	3		Ms Rajasree S.R
SCI	19BIO103	Intelligence of Biological Systems 1	1	0	3	2		Dr Dalia Vishnudasana (Biotech)
ENGG	19AIE102	Introduction to Digital Manufacturing	1	0	3	2		Mr Rahulan N (MEE)
ENGG	19AIE103	Introduction to Drones	1	0	3	2		Mr Meher Madhu (EEE)
HUM	19CUL101	Cultural Education I	2	0	0	2		
		<b>TOTAL</b>				<b>24</b>		

**S3 CSE (A) - 2019 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT201	Numerical Methods	1	0	0	1	A1	Ms. Sandhya R
SCI	19MAT202	Optimization Techniques	2	0	0	2	A	
ENGG	19CSE203	Digital Electronics	3	1	0	4	D	Ms Poornima
ENGG	19CSE201	Advanced Programming	2	0	3	3	C	Mr Sarath S

ENGG	19CSE205	Program Reasoning	2	0	3	3	B	Dr Swaminathan J
ENGG	19CSE202	Database Management System	3	0	3	4	H	Ms Namitha K
ENGG	19CSE204	Object Oriented Paradigm	2	0	3	3	L3	Dr Geetha M
ENGG	19CSE281	Digital Electronics Lab	0	0	3	1	L2	Ms Poornima, Ms Anuraj
HUM	19AVP201	Amrita Value Programme	1	0	0	1	F	

**Total Credit = 22**

**S3 CSE (B) - 2019 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT201	Numerical Methods	1	0	0	1	A1	Ms. Sandhya R
SCI	19MAT202	Optimization Techniques	2	0	0	2	A	
ENGG	19CSE203	Digital Electronics	3	1	0	4	D	Ms Baby Sreeja
ENGG	19CSE201	Advanced Programming	2	0	3	3	C	Ms Jayasree Narayanan
ENGG	19CSE205	Program Reasoning	2	0	3	3	B	Dr Swaminathan J
ENGG	19CSE202	Database Management System	3	0	3	4	H	Ms Raji R
ENGG	19CSE204	Object Oriented Paradigm	2	0	3	3	L3	Dr Geetha M
ENGG	19CSE281	Digital Electronics Lab	0	0	3	1	L2	Ms Baby Sreeja, Ms Poorna
HUM	19AVP201	Amrita Value Programme	1	0	0	1	F	

**S3 CSE (C) - 2019 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT201	Numerical Methods	1	0	0	1	A1	Ms. Anju Asokan
SCI	19MAT202	Optimization Techniques	2	0	0	2	A	
ENGG	19CSE203	Digital Electronics	3	1	0	4	D	Mr. Anudev J
ENGG	19CSE201	Advanced Programming	2	0	3	3	C	Ms Jayasree Narayanan
ENGG	19CSE205	Program Reasoning	2	0	3	3	B	Ms Aswathy Mohan
ENGG	19CSE202	Database Management System	3	0	3	4	H	Ms Raji R
ENGG	19CSE204	Object Oriented Paradigm	2	0	3	3	L3	Ms Thushara M.G
ENGG	19CSE281	Digital Electronics Lab	0	0	3	1	L2	Mr. Anudev J, Ms. Rajasree SR, Ms. Divya R
HUM	19AVP201	Amrita Value Programme	1	0	0	1	F	

**S3 CSE (D) - 2019 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT201	Numerical Methods	1	0	0	1	A1	Ms. Anju Asokan
SCI	19MAT202	Optimization Techniques	2	0	0	2	A	
ENGG	19CSE203	Digital Electronics	3	1	0	4	D	Ms. Rajasree SR
ENGG	19CSE201	Advanced Programming	2	0	3	3	C	Mr Jayakumar P
ENGG	19CSE205	Program Reasoning	2	0	3	3	B	Ms Aswathy Mohan (FA)
ENGG	19CSE202	Database Management System	3	0	3	4	H	Ms Namitha K (FA)
ENGG	19CSE204	Object Oriented Paradigm	2	0	3	3	L3	Ms Thushara M.G
ENGG	19CSE281	Digital Electronics Lab	0	0	3	1	L2	Ms. Rajasree SR, Ms. Indu V, Ms. Divya R
HUM	19AVP201	Amrita Value Programme	1	0	0	1	F	

**S3 CSE AIE - 2019 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
SCI	19MAT204	Mathematics for Intelligent Systems 3	2	0	3	3	A	Dr.Gopakumar G
ENGG	19AIE201	Introduction to Robotics	1	2	0	3	B	Ms Gayathri Girija (MEE)

ENGG	19AIE202	Operating Systems	2	1	3	4	C	Ms Lekha S Nair
ENGG	19AIE203	Data Structures & Algorithms 2	2	1	3	4	D	Ms Krishnaveni K S
ENGG	19AIE204	Introduction to Communication Systems	1	2	0	3	E	Mr Prashanth Warrior
ENGG	19BIO201	Intelligence of Biological Systems 3	1	2	0	3	G	Dr. Manjusha Nair
ENGG	19AIE205	Python for Machine Learning	0	0	3	1	L1	Ms Deepa Raj
HUM	19LAW300	Indian Constitution					P/F H	
HUM		Soft Skills	3	0	0		P/F L4	
HUM	19AVP201	Amrita Values Program-1	1	0	0	1	F	Outside department
<b>Total Credit = 22</b>								

**Department of Computer Science & Engineering, Amritapuri Campus**  
**COURSE ALLOCATION FOR THE TERM JULY - NOVEMBER 2020**

**B Tech and M Tech Computer Science and Engineering**

**S1 CSE (A) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Ms. Silpa S
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Ms.Lasitha A
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Mr Jayakumar P
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Ms Vinitha Panicker
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Mr Arjun (WNA)
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22**

**S1 CSE (B) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Dr. Shibani C. Aich
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Mr.Dhaneesh P
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Mr Sarath S
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Ms Deepa Raj
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Ms Jayasree Narayanan
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22**

**S1 CSE (C) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Dr. Gayathri M V
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Ms Sreelatha KS, Ms Sarika SG, Dr. Manju B R
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Dr Ram Kumar (WNA)
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Ms Vinitha Panicker
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Mr Arjun (WNA)

HUM	19CUL101	Cultural Education - I	2	0	0	2	G	
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**TOTAL = 22**

**S1 CSE (D) - 2020 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
HUM	19ENG111	Technical Communication	2	0	3	3	A	Ms. Krishnajamol K
SCI	19MAT101	Single Variable Calculus	1	0	0	1	B	Dr.Manjusha R, Mr. Arjun , Mr. Jeevan S
SCI	19MAT111	Multivariable Calculus	2	0	0	2	D	
SCI	19MAT102	Matrix Algebra	2	0	0	2	C	
ENGG	19CSE100	Problem Solving and Algorithmic Thinking	2	1	3	4	L1	Ms Lekshmi S Gopal (WNA)
ENGG	19MEE100	Engineering Graphics - CAD	2	0	3	3	L2	
CSE	19CSE101	Computer Systems Essentials	3	0	3	4	E	Dr. Rahulkrishnan (WNA)
CSE	19CSE180	Computer Hardware Essentials	0	0	3	1	F	Mr Krishna S
HUM	19CUL101	Cultural Education - I	2	0	0	2	G	

**TOTAL = 22**

**S5 CSE (A) - 2018 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
ENGG	15CSE301	Computer Organization and Architecture	3	0	0	3	A	Ms Asha Ashok
ENGG	15CSE302	Database Management Systems	2	0	2	3	F	Ms Aswathy A (WNA)
ENGG	15CSE303	Theory of Computation	3	0	0	3	C	Ms Greeshma Sarath
HUM	15ENV300	Environmental Science and Sustainability	3	0	0	3	D	
SCI	15MAT301	Linear Algebra, Queueing Theory and Optimization	3	1	0	4	B	Dr.Sreeja V K
ENGG		<b>Elective 1*</b>	3	0	0	3	E	
	15CSE372	Wireless Sensor Networks						Ms Divya P(WNA)
	15CSE431	Foundations of Data Science						Ms Thara.S
	15CSE371	Wireless and Mobile Computing						Ms Sruthy Anand( WNA)
	15CSE337	Cloud Computing and Services						Dr.Jinesh M K
	15CSE360	Parallel and Distributed Computing						Dr.Uma Gopalakrishnan( WNA)
	15CSE364	Real-Time Computing Systems						Dr.Subhasri Duttagupta
ENGG	15CSE381	Computer Organization and Architecture Lab	0	0	2	1	L1	Ms Asha Ashok
HUM	15SSK321	Soft Skills II	1	0	2	2	G	
ENGG	15CSE390	Live-in-Lab**				[3]	P2	

**Total=22[+3]**

**S5 CSE (B) - 2018 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
ENGG	15CSE301	Computer Organization and Architecture	3	0	0	3	A	Ms Asha Ashok
ENGG	15CSE302	Database Management Systems	2	0	2	3	F	Ms Thara.S
ENGG	15CSE303	Theory of Computation	3	0	0	3	C	Dr.Jyothisha J
HUM	15ENV300	Environmental Science and Sustainability	3	0	0	3	D	
SCI	15MAT301	Linear Algebra, Queueing Theory and Optimization	3	1	0	4	B	Dr.Sreeja V K
ENGG		<b>Elective 1*</b>	3	0	0	3	E	
ENGG	15CSE381	Computer Organization and Architecture Lab	0	0	2	1	L1	Ms Asha Ashok
HUM	15SSK321	Soft Skills II	1	0	2	2	G	
ENGG	15CSE390	Live-in-Lab**				[3]	P2	

**Total=22[+3]**

**S5 CSE (C) - 2018 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
ENGG	15CSE301	Computer Organization and Architecture	3	0	0	3	A	Ms Jisha R C
ENGG	15CSE302	Database Management Systems	2	0	2	3	F	Ms Jasmine Bhasker
ENGG	15CSE303	Theory of Computation	3	0	0	3	C	Dr.Jyothisha J
HUM	15ENV300	Environmental Science and Sustainability	3	0	0	3	D	
SCI	15MAT301	Linear Algebra, Queueing Theory and Optimization	3	1	0	4	B	Mr. NarenBabu O V
ENGG		<b>Elective 1*</b>	3	0	0	3	E	
ENGG	15CSE381	Computer Organization and Architecture Lab	0	0	2	1	L1	Ms Jisha R C
HUM	15SSK321	Soft Skills II	1	0	2	2	G	
ENGG	15CSE390	Live-in-Lab**				[3]	P2	

**Total=22[+3]**

**S5 CSE (D) - 2018 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
ENGG	15CSE301	Computer Organization and Architecture	3	0	0	3	A	Ms Jisha R C
ENGG	15CSE302	Database Management Systems	2	0	2	3	F	Ms Jasmine Bhasker
ENGG	15CSE303	Theory of Computation	3	0	0	3	C	Ms Greeshma Sarath
HUM	15ENV300	Environmental Science and Sustainability	3	0	0	3	D	
SCI	15MAT301	Linear Algebra, Queueing Theory and Optimization	3	1	0	4	B	Mr. NarenBabu O V
ENGG		<b>Elective 1*</b>	3	0	0	3	E	
ENGG	15CSE381	Computer Organization and Architecture Lab	0	0	2	1	L1	Ms Jisha R C
HUM	15SSK321	Soft Skills II	1	0	2	2	G	
ENGG	15CSE390	Live-in-Lab**				[3]	P2	

**Total=22[+3]**

\*A maximum of one elective course can be chosen from the electives prescribed for other branches or from under science electives

\*\*Students undertaking and registering for a Live-in-Lab project, can be exempted from registering for an Elective course in the higher semester

**S7 CSE (A) - 2017 Batch**

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
C	15CSE401	Machine Learning and Data Mining	3	0	0	3	A	Ms Simi S
	15CSE402	Structure and Interpretation of Computer Programs	3	1	0	4	B	Mr Sumesh K J
C		<b>Elective IV</b>	3	0	0	3	E	
	15CSE334	<i>Big Data Analytics</i>						Dr Seshaiyah Ponnekantchi ( WNA)
	15CSE342	<i>Data Compression</i>						Ms Lekha S
	15CSE345	<i>Distributed Embedded Systems</i>						Mr Sai Shibu N B(WNA)
	15CSE363	<i>Principles of Digital Image Processing</i>						Ms Siji Rani S
C		<b>Elective V</b>	3	0	0	3	D	
	15CSE362	<i>Pervasive Computing</i>						Mr Sethuraman Rao( WNA)
	15CSE358	<i>Natural Language Processing</i>						Ms Veena G
	15CSE341	<i>Cryptography</i>						Ms. Krishnaveni.K S
	15CSE366	Semantic Web						Dr Rahul Krishnan (WNA)
H	15CSE430	<b>Project Based Elective</b>	2	0	2	3	C	
	15CSE346	<i>Embedded Programming</i>						Ms Shruti Iyer ( WNA), Bri Dhivvya. J P ( 2 batches)
	15CSE376	<i>Net Centric Programming</i>						Ms Anjali T, Ms Anjuna D Raj ( 2 batches of Netcentric)
C	15CSE481	Machine Learning and Data Mining Lab	0	0	2	1	L	Ms Simi S
C	15CSE495	Project Phase 1				2	P1	
Pr	15CSE490	Live-in-Lab**				[3]	P2	
		<b>Total= 19 [+3]</b>						

**S7 CSE (B) - 2017 Batch**



Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
C	15CSE401	Machine Learning and Data Mining	3	0	0	3	A	Ms Simi S
	15CSE402	Structure and Interpretation of computer Programs	3	1	0	4	B	Mr Sumesh K J
C		<b>Elective IV</b>	3	0	0	3	E	
C		<b>Elective V</b>	3	0	0	3	D	
H	15CSE430	<b>Project Based Elective</b>	2	0	2	3	C	
C	15CSE481	Machine Learning and Data Mining Lab	0	0	2	1	L	Ms Simi S
C	15CSE495	Project Phase 1				2	P1	
Pr	15CSE490	Live-in-Lab**				[3]	P2	
		<b>Total= 19 [+3]</b>						

#### S7 CSE (C) - 2017 Batch

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
C	15CSE401	Machine Learning and Data Mining	3	0	0	3	A	Ms Sandhya Harikumar
	15CSE402	Structure and Interpretation of computer Programs	3	1	0	4	B	Ms Prathibhamol C.P
C		<b>Elective IV</b>	3	0	0	3	E	
C		<b>Elective V</b>	3	0	0	3	D	
H	15CSE430	<b>Project Based Elective</b>	2	0	2	3	C	
C	15CSE481	Machine Learning and Data Mining Lab	0	0	2	1	L	Ms Sandhya Harikumar
C	15CSE495	Project Phase 1				2	P1	
Pr	15CSE490	Live-in-Lab**				[3]	P2	
		<b>Total= 19 [+3]</b>						

#### S7 CSE (D) - 2017 Batch

Cat.	Code	Course Title	L	T	P	Cr	ES	Name of Faculty
C	15CSE401	Machine Learning and Data Mining	3	0	0	3	A	Dr. Vivek Menon
	15CSE402	Structure and Interpretation of computer Programs	3	1	0	4	B	Ms Prathibhamol C.P
C		<b>Elective IV</b>	3	0	0	3	E	
C		<b>Elective V</b>	3	0	0	3	D	
H	15CSE430	<b>Project Based Elective</b>	2	0	2	3	C	
C	15CSE481	Machine Learning and Data Mining Lab	0	0	2	1	L	Dr. Vivek Menon
C	15CSE495	Project Phase 1				2	P1	
Pr	15CSE490	Live-in-Lab**				[3]	P2	
		<b>Total= 19 [+3]</b>						

\*A maximum of one elective course can be chosen from the electives prescribed for other branches or from under science electives

\*\*Students undertaking and registering for a Live-in-Lab project, can be exempted from registering for an Elective course in the higher semester

CSE	19MAT201 Numerical Methods 1 0 0 1	A1
	19MAT202 Optimization Techniques 2 0 0 2	A
	19CSE203 Digital Electronics 3 1 0 4	D
	19CSE201 Advanced Programming 2 0 3 3	C
	19CSE205 Program Reasoning 2 0 3 3	B
	19CSE202 Database Management System 3 0 3 4	H
	19CSE204 Object Oriented Paradigm 2 0 3 3	L3
	19CSE281 Digital Electronics Lab 0 0 3 1	L2
	19AVP201 Amrita Value Programme 1 0 0 1	F

AIE	19MAT204 Mathematics for Intelligent Systems 3 2 0 3 3	A
	19AIE201 Introduction to Robotics 1 2 0 3	B
	19AIE202 Operating Systems 2 1 3 4	C
	19AIE203 Data Structures & Algorithms 2 2 1 3 4	D
	19AIE204 Introduction to Communication Systems 1 2 0 3	E
	19BIO201 Intelligence of Biological Systems 3 1 2 0 3	G
	19AIE205 Python for Machine Learning 0 0 3 1	L1
	19LAW300 Indian Constitution P/F	H
	Soft. Skills 3 0 0 P/F	L4
	19AVP201 Amrita Values Program 1 1 0 0 1	F

EAC	19MAT209 Linear Algebra and Optimization Techniques 3 1 0 4	A
	19EAC204 Computer Organization and Architecture 3 0 0 3	B
	19EAC203 Data Structures and Algorithms 2 0 3 3	D
	19EAC205 Mathematics of Signal Processing 3 0 0 3	C
	19EAC201 Electronic Circuits I 3 0 0 3	E
	19AVP201 Amrita Values Program 1 0 0 1	F
	19EAC281 Mathematics of Signal Processing Lab 0 0 3 1	L1
	19EAC202 Network Theory 3 0 0 3	G
	19EAC282 Electronic Circuits I Lab 0 0 3 1	L2

ECE	19ECE201 Analog Electronic Circuits 3 0 0 3	B
	19ECE202 Applied Electromagnetics 3 1 0 4	C
	19ECE204 Digital Electronics and Systems 3 1 0 4	D
	19ECE203 Signals and Systems 3 1 0 4	E
	19MAT205 Probability Theory and Random Processes 3 1 0 4	A
	19ECE282 Digital Electronics and Systems Lab 0 0 3 1	L1
	19ECE281 Analog Electronics Lab 0 0 3 1	L2



	19ENV300 Environmental ence P/F	H
EEE	19MAT214 Fourier Transforms and Complex Analysis 2 1 0 3	A
	19EEE205 Fundamentals of Mechanical Engineering 2 0 0 2	G
	19EEE206 Material ence for Electrical Engineering 2 0 0 2	H
	19EEE202 Analog Integrated Circuits 3 0 3 4	B
	19EEE204 Electrical Measurements 3 0 3 4	C
	19EEE203 Digital Systems 3 0 3 4	D
	19EEE201 Electromagnetic Theory 3 0 0 3	E
	19AVP201 Amrita Values Programme I 1 0 0 1	F
ELC	19ELC204 Electric Machines 3 0 3 4	B
	19ELC205 Microelectronic Circuits 3 0 3 4	D
	19ELC201 Sensors and Sensor Circuit Design 3 0 3 4	E
	19ELC203 Computer Architecture 2 0 3 3	G
	19MAT214 Fourier Transforms and Complex Analysis 2 1 0 3	A
	19ELC206 Operating Systems 3 0 0 3	C
	19ELC202 Object Oriented Programming 1 0 3 2	H
	19AVP201 Amrita Values Programme I 1 0 0 1	F
ME	19MAT210 Probability and Complex Variables 4 0 0 4	A
	19MEE201 Thermodynamics 3 1 0 4	B
	19MEE203 Mechanics of solids 3 1 0 4	C
	19MEE204 Metallurgy and Material ence 3 0 0 3	D
	19MEE202 Manufacturing Process I 2 0 3 3	E
	19MEE281 Material Testing and Metallurgy Lab 0 0 3 1	L1
	19CSE282 Python Programming 0 0 3 1	L2
	Free Elective I* 2 0 0 2	G
	19AVP201 Amrita Values Programme I 1 0 0 1	F
	19ENV300 Environmental ence P/F	H

19MAT201 Numerical Methods  
19MAT202 Optimization Techniques  
19CSE203 Digital Electronics  
19CSE201 Advanced Programming 3  
19CSE205 Program Reasoning  
19CSE202 Database Management System  
19CSE204 Object Oriented Paradigm  
19CSE281 Digital Electronics Lab  
19AVP201 Amrita Value Programme

19MAT204 Mathematics for Intelligent Systems 3  
19AIE201 Introduction to Robotics  
19AIE202 Operating Systems  
19AIE203 Data Structures & Algorithms 2  
19AIE204 Introduction to Communication Systems  
19BIO201 Intelligence of Biological Systems 3  
19AIE205 Python for Machine Learning  
19LAW300 Indian Constitution P/F  
Soft. Skills 300 P/F  
19AVP201 Amrita Value Programme

19MAT209 Linear Algebra and Optimization Techniques  
19EAC204 Computer Organization and Architecture  
19EAC203 Data Structures and Algorithms  
19EAC205 Mathematics of Signal Processing  
19EAC201 Electronic Circuits I  
19AVP201 Amrita Value Programme  
19EAC281 Mathematics of Signal Processing Lab  
19EAC202 Network Theory  
19EAC282 Electronic Circuits I Lab

19ECE201 Analog Electronic Circuits  
19ECE202 Applied Electromagnetics  
19ECE204 Digital Electronics and Systems  
19ECE203 Signals and Systems  
19MAT205 Probability Theory and Random Processes  
19ECE282 Digital Electronics and Systems Lab  
19ECE281 Analog Electronics Lab

19ENV300EnvironmentalenceP/F

19MAT214FourierTransformsandComplexAnalysis

19EEE205FundamentalsofMechanicalEngineering

19EEE206MaterialenceforElectricalEngineering

19EEE202AnalogIntegratedCircuits

19EEE204ElectricalMeasurements

19EEE203DigitalSystems

19EEE201ElectromagneticTheory

19AVP201AmritaValuesProgramme

19ELC204ElectricMachines

19ELC205MicroelectronicCircuits

19ELC201SensorsandSensorCircuitDesign

19ELC203ComputerArchitecture

19MAT214FourierTransformsandComplexAnalysis

19ELC206OperatingSystems

19ELC202ObjectOrientedProgramming

19AVP201AmritaValuesProgramme

19MAT210ProbabilityandComplexVariables

19MEE201Thermodynamics

19MEE203Mechanicsofsolids

19MEE204MetallurgyandMaterialence

19MEE202ManufacturingProcessI

19MEE281MaterialTestingandMetallurgyLab

19CSE282PythonProgramming

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19AVP201AmritaValuesProgramme

19ENV300EnvironmentalenceP/F

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