

# AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi; Permanently Affiliated to JNTUK, Kakinada,  
Recognized by UGC under 2(f) & 12(B) of 1956 Act.,  
An ISO 9001:2015 Certified institution, Accredited by NAAC "A" Grade,  
Paritala, Kanchikacherla, Krishna Dist., Andhra Pradesh – 521 180.  
www.amritasai.org.in, Phone: 0866-2428399



## NEWLY ADDED COURSES A.Y-2018-19

S.No	Name of the Course	Regulation	Year/Sem	Course Code	Name of New Courses Introduced	Year of Introduction
1	B.Tech	AR18	I-I	18BS1T52	Engineering Chemistry	2018-19
2	B.Tech		I-I	18BS1T56	Environmental Studies	2018-19
3	B.Tech		I-II	18BS2T5	Engineering Physics	2018-19
4	B.Tech		I-II	18CE2T4	Elements Of Mechanical Engineering	2018-19
5	B.Tech		I-II	18ME2T4	Basic Electrical And Electronics Engineering	2018-19
6	B.Tech		I-II	18EC2T4	Electrical And Mechanical Technology	2018-19
6	B.Tech		I-II	18EC2T6	Data Structures	2018-19

  
IQAC

IQAC Coordinator  
Amrita Sai Institute of Science & Technology  
Amrita Sai Nagar, Paritala -521180

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## COURSE STRUCTURE For CIVIL ENGINEERING *(Applicable for batches admitted from 2018-2019)*



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# CIVIL

## I Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS1T1	English – I	3	--	--	2
2	18BS1T2	Mathematics - I	4	1	--	4
3	18BS1T3	Engineering Chemistry	4	--	--	3
4	18ME1T4	Engineering Mechanics	4	--	--	3
5	18CS1T5	Computer Programming	4	--	--	3
6	18BS1T6	Environmental Studies	4	--	--	3
7	18BS1L1	English- Communication Skills Laboratory - I	--	--	3	1
8	18HS1L2	Engineering Chemistry Laboratory	--	--	3	1
9	18CS1L3	Computer Programming Laboratory	--	--	3	1
<b>Total Credits</b>						<b>21</b>

## II Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS2T1	English – II	3	--	--	2
2	18BS2T2	Mathematics – III	4	1	--	4
3	18HS2T3	Mathematics – II (Mathematical Methods)	4	--	--	3
4	18CE2T4	Elements of Mechanical Engineering	4	--	--	3
5	18BS2T5	Engineering Physics	4	--	--	3
6	18ME2T6	Engineering Drawing-I	2	--	4	3
7	18BS2L1	English - Communication Skills Laboratory - II	--	--	3	1
8	18HS2L2	Engineering Physics Laboratory	--	--	3	1
9	18ME2L3	Engg. Workshop & IT Workshop	--	--	3	1
10	18BS2L4	Engineering Physics – Virtual Labs - Assignments	--	--	2	--
<b>Total Credits</b>						<b>21</b>

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## COURSE STRUCTURE For MECHANICAL ENGINEERING *(Applicable for batches admitted from 2018-2019)*



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# MECH

## I Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS1T1	English – I	3	--	--	2
2	18BS1T2	Mathematics - I	4	1	--	4
3	18BS1T3	Engineering Chemistry	4	--	--	3
4	18ME1T4	Engineering Mechanics	4	--	--	3
5	18CS1T5	Computer Programming	4	--	--	3
6	18BS1T6	Environmental Studies	4	--	--	3
7	18BS1L1	English- Communication Skills Laboratory - I	--	--	3	1
8	18HS1L2	Engineering Chemistry Laboratory	--	--	3	1
9	18CS1L3	Computer Programming Laboratory	--	--	3	1
<b>Total Credits</b>						<b>21</b>

## II Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS2T1	English – II	3	--	--	2
2	18BS2T2	Mathematics – III	4	1	--	4
3	18HS2T3	Mathematics – II (Mathematical Methods)	4	--	--	3
4	18ME2T4	Basic Electrical and Electronics Engineering	4	--	--	3
5	18BS2T5	Engineering Physics	4	--	--	3
6	18ME2T6	Engineering Drawing-I	4	--	--	3
7	18BS2L1	English - Communication Skills Laboratory - II	--	--	3	1
8	18HS2L2	Engineering Physics Laboratory	--	--	3	1
9	18ME2L3	Engg. Workshop & IT Workshop	--	--	3	1
10	18BS2L4	Engineering Physics – Virtual Labs - Assignments	--	--	2	--
<b>Total Credits</b>						<b>21</b>

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## **COURSE STRUCTURE** **For** **ELECTRICAL AND ELECTRONICS ENGINEERING** *(Applicable for batches admitted from 2018-2019)*



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# EEE

## I Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS1T1	English – I	3	--	--	2
2	18BS1T2	Mathematics - I	4	1	--	4
3	18BS1T3	Engineering Chemistry	4	--	--	3
4	18ME1T4	Engineering Mechanics	4	--	--	3
5	18CS1T5	Computer Programming	4	--	--	3
6	18BS1T6	Environmental Studies	4	--	--	3
7	18BS1L1	English- Communication Skills Laboratory - I	--	--	3	1
8	18HS1L2	Engineering Chemistry Laboratory	--	--	3	1
9	18CS1L3	Computer Programming Laboratory	--	--	3	1
<b>Total Credits</b>						<b>21</b>

## II Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS2T1	English – II	3	--	--	2
2	18BS2T2	Mathematics – III	4	1	--	4
3	18HS2T3	Mathematics – II (Mathematical Methods)	4	--	--	3
4	18EE2T4	Electrical Circuit Analysis - I	4	--	--	3
5	18HS2T5	Applied Physics	4	--	--	3
6	18ME2T6	Engineering Drawing-I	2	--	4	3
7	18BS2L1	English - Communication Skills Laboratory - II	--	--	3	1
8	18HS2L2	Engineering Physics Laboratory	--	--	3	1
9	18ME2L3	Engg. Workshop & IT Workshop	--	--	3	1
10	18BS2L4	Engineering Physics – Virtual Labs - Assignments	--	--	2	--
<b>Total Credits</b>						<b>21</b>

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## **COURSE STRUCTURE** For **COMPUTER SCIENCE AND ENGINEERING** *(Applicable for batches admitted from 2018-2019)*



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# CSE

## I Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS1T1	English – I	3	--	--	2
2	18BS1T2	Mathematics - I	4	1	--	4
3	18HS1T3	Mathematics – II (Mathematical Methods)	4	--	--	3
4	18BS1T4	Applied Physics	4	--	--	3
5	18CS1T5	Computer Programming	4	--	--	3
6	18ME1T6	Engineering Drawing-I	2	--	4	3
7	18BS1L1	English - Communication Skills Lab - 1	--	--	3	1
8	18BS1L2	Applied Physics Lab	--	--	3	1
9	18CS1L3	Computer Programming Lab	--	--	3	1
10	18BS1L4	Applied / Engineering Physics – Virtual Labs Assignments			2	-
		Total Credits				21

## II Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS2T1	English – II	3	--	--	2
2	18BS2T2	Mathematics - III	4	1	--	4
3	18BS2T3	Engineering Chemistry	4	--	--	3
4	18CS2T4	Object Oriented Programming through C++	4	--	--	3
5	18BS2T5	Environmental Studies	4	--	--	3
6	18CS2T6	Engineering Mechanics	4	--	--	3
7	18BS2L1	English - Communication Skills Lab – 2	--	--	3	1
8	18BS2L2	Engineering Chemistry Laboratory	--	--	3	1
9	18CS2L3	Object Oriented Programming Lab	--	--	3	1
		Total Credits				21

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## **COURSE STRUCTURE** For **ELECTRONICS AND COMMUNICATION ENGINEERING** *(Applicable for batches admitted from 2018-2019)*



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# ECE

## I Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS1T1	English – I	3	--	--	2
2	18BS1T2	Mathematics - I	4	1	--	4
3	18HS1T3	Mathematics – II (Mathematical Methods)	4	--	--	3
4	18BS1T4	Applied Physics	4	--	--	3
5	18CS1T5	Computer Programming	4	--	--	3
6	18ME1T6	Engineering Drawing-I	2	--	4	3
7	18BS1L1	English - Communication Skills Lab - 1	--	--	3	1
8	18BS1L2	Applied Physics Lab	--	--	3	1
9	18ME1L3	Engineering Workshop& IT Workshop	--	--	3	1
10	18BS1L4	Applied / Engineering Physics – Virtual Labs Assignments			2	-
		Total Credits				21

## II Semester

S. No	S.Code	Subjects	L	T	P	Credits
1	18BS2T1	English – II	3	--	--	2
2	18BS2T2	Mathematics - III	4	1	--	4
3	18BS2T3	Engineering Chemistry	4	--	--	3
4	18EC2T4	Electrical and Mechanical Technology	4	--	--	3
5	18BS2T5	Environmental Studies	4	--	--	3
6	18EC2T6	Data Structures	4	--	--	3
7	18BS2L1	English - Communication Skills Lab – 2	--	--	3	1
8	18BS2L2	Engineering Chemistry Laboratory	--	--	3	1
9	18EC2L3	Computer Programming Lab	--	--	3	1
		Total Credits				21