AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY
(AUTONOMOUS)

**AICTE approved, NAAC accredited, ISO 9001 – 2015 certified Institution
& Permanent affiliation to JNTUK Kakinada**

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

Sponsored by

AMRITA SAI EDUCATIONAL IMPROVEMENT TRUST

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
		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	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	--
		Total Credits				**21**

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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
		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	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	--
		Total Credits				**21**

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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
		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	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	--
		Total Credits				**21**

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

Sponsored by

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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
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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**