

DAYANANDA SAGAR UNIVERSITY
SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT
BENGALURU-560 111, KARNATAKA.

SCHOOL OF ENGINEERING



SCHEME & SYLLABUS
FOR
BACHELOR OF TECHNOLOGY (B.Tech.)

AEROSPACE ENGINEERING

(ASE)

2021-2025

SCHEME - B.TECH

III SEM - AEROSPACE ENGINEERING

S L	PROGRA M CODE	COURSE CODE	COURSE TITLE	CR / AU	SCHEME OF TEACHING					PREREQUISITE		SCHEME OF EVALUATION	
					L	T	P	S/P	C	SE M	COURSE CODE	CIA	SEE
1	101	21ME2301	COMPLEX VARIABLES & NUMERICAL METHODS	CR	04	--	--	--	04	*	***	60	40
2	101	21AS2301	INTRODUCTION TO AEROSPACE ENGINEERING	CR	03	--	--	--	03	*	***	60	40
3	101	21AS2302	THERMODYNAMICS	CR	03	--	--	--	03	*	***	60	40
4	101	21AS2303	FLUID MECHANICS	CR	03	--	--	--	03	*	***	60	40
5	101	21AS2304	MECHANICS OF SOLIDS	CR	03	--	--	--	03	*	***	60	40
6	101	21AS2305	AEROSPACE MATERIALS	CR	03	--	--	--	03	*	***	60	40
7	101	21AS2306	COMPOSITES LAB	CR	--	--	02	--	01	*	***	60	40
8	101	21AS2307	FLUID MECHANICS LAB	CR	--	--	02	--	01	*	***	60	40
9	101	21AS2308	MINI PROJECT – I	CR	--	--	--	02	01	*	***	60	40
					19	--	04	02	22			360	320

CR – Credit, AU – Audit, L – Lecture, T – Tutorial, P – Practical, S/P – Seminar/Project, C – No. of Credits,

SCHEME - B.TECH

IV SEM - AEROSPACE ENGINEERING

S L	PROGRA M CODE	COURSE CODE	COURSE TITLE	CR / AU	SCHEME OF TEACHING					PREREQUISITE		SCHEME OF EVALUATION	
					L	T	P	S/P	C	SE M	COURSE CODE	CIA	SEE
1	101	21ME2301	COMPLEX VARIABLES & NUMERICAL METHODS	CR	04	--	--	--	04	*	***	60	40
2	101	21AS2301	INTRODUCTION TO AEROSPACE ENGINEERING	CR	03	--	--	--	03	*	***	60	40
3	101	21AS2302	THERMODYNAMICS	CR	03	--	--	--	03	*	***	60	40
4	101	21AS2303	FLUID MECHANICS	CR	03	--	--	--	03	*	***	60	40
5	101	21AS2304	MECHANICS OF SOLIDS	CR	03	--	--	--	03	*	***	60	40
6	101	21AS2305	AEROSPACE MATERIALS	CR	03	--	--	--	03	*	***	60	40
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