



Dayanand Sagar University

SCHOOL OF ENGINEERING



SCHEME & SYLLABUS

3rd & 4th Semesters

2022-2026 Batch

With Effect from 2023-24

(Academic Year 2023-24)

SCHEME 2022 – 2026 Batch

III SEMESTER

S.N	Program Code	COURSE CODE	Course Name	Teaching Hours / Week				Examination				Credits
				Lecture	Tutorial	Practical	Project	Duration in Hours	CIE Marks	SEE Marks	Total Marks	
				L	T	P	J					
1	101	22AS2301	Transforms and Numerical Techniques	3	0	0	0	3	60	40	100	3
2	101	22AS2302	Thermodynamics and Heat Transfer	3	0	0	0	3	60	40	100	3
3	101	22AS2303	Introduction to Aerospace Engineering	2	0	0	0	3	60	40	100	2
4	101	22AS2304	Fluid Mechanics	3	0	2	0	5	60	40	100	4
5	101	22AS2305	Aerospace Structural Mechanics	3	0	2	0	5	60	40	100	4
6	101	22AS2306	Aerospace Materials	3	0	2	0	5	60	40	100	4
7	101	22AS2307	Special Topics - I	1	0	0	0	1	60	40	100	1
8	101	22AS2308	Skill Enhancement Course – I	0	0	2	0	2	60	40	100	1
Total				18	0	8	0	27	480	320	800	22

IV SEMESTER

S. N	Program Code	Course Code	Course Name	Teaching Department	Teaching Hours / Week				Examination				Credits
					Lecture	Tutorial	Practical	Project	Duration in Hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	J					
1	101	22AS2401	Probability and Statistics	MAT	3	0	0	0	3	60	40	100	3
2	101	22AS2402	Aerospace Manufacturing	ASE	3	0	2	0	5	60	40	100	4
3	101	22AS2403	Introduction to Space Technology	ASE	3	0	0	0	3	60	40	100	3
4	101	22AS2404	Aircraft Propulsion	ASE	3	0	0	0	3	60	40	100	3
5	101	22AS2405	Low-speed Aerodynamics	ASE	3	0	0	0	3	60	40	100	3
6	101	22AS2406	Introduction to Computational Fluid Dynamics	ASE	2	0	2	0	5	60	40	100	3
7	101	22AS2407	Special Topics -II	Respective Dept.	1	0	0	0	1	60	40	100	1
8	101	22AS2408	Skill Enhancement Course – II	Respective Dept.	0	0	2	0	2	60	40	100	1
Total					18	0	6	0	21	480	320	800	21