



**DAYANANDA SAGAR
UNIVERSITY**



**SCHOOL OF
ENGINEERING**

2023-27 Batch

BACHELOR OF TECHNOLOGY (B. Tech) –2023

Aerospace Engineering

(With effect from 2024-25)

**Devarakaggalahalli, Harohalli, Kanakapura Road, Ramanagara Dt.,
Bengaluru 562 112, Karnataka**

III 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	23AS2301	Transforms and Numerical Techniques	MAT	3	0	0	0	3	60	40	100	3
2	101	23AS2302	Thermodynamics and Heat Transfer	ASE	3	1	0	0	3	60	40	100	4
3	101	23AS2303	Introduction to Aerospace Engineering	ASE	2	0	0	0	3	60	40	100	2
4	101	23AS2304	Fluid Mechanics	ASE	3	1	0	0	3	60	40	100	4
5	101	23AS2305	Aerospace Structural Mechanics	ASE	3	0	2	0	3	60	40	100	4
6	101	23AS2306	Aerospace Materials	ASE	3	0	2	0	3	60	40	100	4
7	101	23LSXXXX	Liberal Studies/MOOC	Any Dept.	1	0	0	0	1	100	--	100	1
8	101	23AS2307	Skill Enhancement Course - I	ASE	0	0	2	0		100	--	100	1
9	101	23AS2308	Cognitive and Technical Skills-I		0	0	4	0	-	100	--	100	2
			Total		18	2	10	0		560	240	900	25

IV SEMESTER

S.N	Program Code	Course Code	Course Name	Teaching Department	Teaching Hours / Week				Examination				Credits
					Lecture	Tutorial	Practical	Project	Duration in	CIE Marks	SEE Marks	Total Marks	
					L	T	P	J					
1	101	23AS2401	Probability and Statistics	MAT	3	0	0	0	3	60	40	100	3
2	101	23AS2402	Aerodynamics	ASE	3	1	0	0	3	60	40	100	4
3	101	23AS2403	Aircraft Propulsion	ASE	3	0	0	0	3	60	40	100	3
4	101	23AS2404	Space Flight Mechanics	ASE	3	0	0	0	3	60	40	100	3
5	101	23AS2405	Aerospace Manufacturing	ASE	3	0	2	0	3	60	40	100	4
6	101	23AS2406	Introduction to Computational Fluid Dynamics	ASE	1	0	2	0	2	60	40	100	2
7	101	23AS2407	Skill Enhancement Course - II	ASE	0	0	2	0	-	100	--	100	1
8	101	23AS2408	Cognitive and Technical Skills -II		0	0	4	0	-	100	---	100	2
			Total		16	1	10	0		560	240	800	22