

Scheme of
UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester

Aeronautical Engineering



Rajasthan Technical University, Kota
Effective from session: 2022-23



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech.: Aeronautical Engineering 3rd Year –V Semester

SN	Category	Course Code	Course Title	Hours Per Week			Marks				Cr
				L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	5AN3-01	Vibration Engineering	2	0	0	3	30	70	100	2
2	PCC	5AN4-02	Aerodynamics-II	3	0	0	3	30	70	100	3
3		5AN4-03	Aircraft Structures-II	3	0	0	3	30	70	100	3
4		5AN4-04	Propulsion-I	3	0	0	3	30	70	100	3
5		5AN4-05	Aircraft Systems	3	0	0	3	30	70	100	3
6	PEC	5AN5-11	Space Dynamics								
7		5AN5-12	Aircraft Maintenance Practices	2	0	0	3	30	70	100	2
8		5AN5-13	Fatigue and Fracture								
			Sub Total	16	0	0					16
9	PCC	5AN4-21	Aircraft Systems lab	0	0	2	2	60	40	100	1
10		5AN4-22	Aircraft Structures Lab	0	0	2	2	60	40	100	1
11		5AN4-23	Aircraft Maintenance Practices Lab	0	0	2	2	60	40	100	1
12		5AN4-24	Aircraft/ Aerospace Disaster Management	0	0	2	2	60	40	100	1
13	PSIT	5AN7-30	Industrial Training	0	0	1		60	40	100	2.5
14	SODECA	5AN8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	100	100	0.5
			Sub Total	0	0	9					7
	TOTAL OF V SEMESTER			16	0	9					23

L = Lecture, **T** = Tutorial, **P** = Practical, **IA**=Internal Assessment, **ETE**=End Term Exam, **Cr**=Credits

Office of Dean Academic Affairs
Rajasthan Technical University, Kota



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech.: Aeronautical Engineering 3rd Year –VI Semester

S.N.	Category	Course Code	Course Title	Hours Per Week			Marks				Cr
				L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	6AN3-01	Mechanics of Composite Materials	2	0	0	3	30	70	100	2
2	PCC	6AN4-02	Propulsion – II	3	1	0	3	30	70	100	4
3		6AN4-03	Aircraft Stability and Control	3	0	0	3	30	70	100	3
4		6AN4-04	Aircraft Performance	3	0	0	3	30	70	100	3
5		6AN4-05	Avionics-I	3	0	0	3	30	70	100	3
6	PEC	6AN5-11	Heat transfer in space application								
7		6AN5-12	Aircraft Rules and Regulation	2	0	0	3	30	70	100	2
8		6AN5-13	Wind Tunnel Techniques								
			Sub Total	16	1	0					17
9	PCC	6AN4-21	Propulsion Lab	0	0	3	3	60	40	100	1.5
10		6AN4-22	Composite Material Lab	0	0	3	3	60	40	100	1.5
11		6AN4-23	Avionics-I lab	0	0	3	3	60	40	100	1.5
12		6AN4-24	Aero Modelling and fabrication	0	0	3	3	60	40	100	1.5
13	SODECA	6AN8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0				100	0.5
			Sub Total	0	0	12					6.5
	TOTAL OF VI SEMESTER			16	1	12					23.5

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