

Scheme of
UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester

Aeronautical Engineering



Rajasthan Technical University, Kota
Effective from session: 2019-20



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	2	20	80	100	2
2	PCC	5AN4-02	Aerodynamics-II	3	0	0	3	30	120	150	3
3		5AN4-03	Aircraft Structures-II	3	0	0	3	30	120	150	3
4		5AN4-04	Propulsion-I	3	0	0	3	30	120	150	3
5		5AN4-05	Aircraft Systems	3	0	0	3	30	120	150	3
6	PEC	5AN5-11	Space Dynamics	2	0	0	2	20	80	100	2
7		5AN5-12	Aircraft Maintenance Practices								
8		5AN5-13	Fatigue and Fracture								
8		5AN5-14	Understanding the Human Being Comprehensively- Human Aspirations and Its Fulfillment								
			Sub Total	16	0	0		160	640	800	16
9	PCC	5AN4-21	Aircraft Systems lab	0	0	2	2	30	20	50	1
10		5AN4-22	Aircraft Structures Lab	0	0	2	2	30	20	50	1
11		5AN4-23	Aircraft Maintenance Practices Lab	0	0	2	2	30	20	50	1
12		5AN4-24	Aircraft/ Aerospace Disaster Management	0	0	2	2	30	20	50	1
13	PSIT	5AN7-30	Industrial Training	0	0	1		75	50	125	2.5
14	SODECA	5AN8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	25	25	0.5
			Sub Total	0	0	9		195	155	350	7
	TOTAL OF V SEMESTER			16	0	9		355	795	1150	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	2	20	80	100	2
2	PCC	6AN4-02	Propulsion – II	3	1	0	3	40	160	200	4
3		6AN4-03	Aircraft Stability and Control	3	0	0	3	30	120	150	3
4		6AN4-04	Aircraft Performance	3	0	0	3	30	120	150	3
5		6AN4-05	Avionics-I	3	0	0	3	30	120	150	3
6	PEC	6AN5-11	Heat transfer in space application	2	0	0	2	20	80	100	2
7		6AN5-12	Aircraft Rules and Regulation								
8		6AN5-13	Wind Tunnel Techniques								
		6AN5-14	Values, Relationship & Ethical Human Conduct-For Happy & Harmonious Society								
			Sub Total	16	1	0		170	680	850	17
9	PCC	6AN4-21	Propulsion Lab	0	0	3	3	45	30	75	1.5
10		6AN4-22	Composite Material Lab	0	0	3	3	45	30	75	1.5
11		6AN4-23	Avionics-I lab	0	0	3	3	45	30	75	1.5
12		6AN4-24	Aero Modelling and fabrication	0	0	3	3	45	30	75	1.5
13	SODECA	6AN8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	25	25	0.5
			Sub Total	0	0	12		180	145	325	6.5
	TOTAL OF VI SEMESTER			16	1	12		350	825	1175	23.5

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