

Roll no	200010078	Name	S M Kushal
Department	Aerospace Engineering	Program	B.Tech.
Category (Refer rules)		2	

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Academic Performance Summary

Year	Sem	SPI	CPI	Sem Credits Used for SPI	Completed Semester Credits	Cumulative Credits Used for CPI	Completed Cumulative Credits
2022	Spring	7.59	6.64	27.0	27.0	205.0	205.0
2022	Autumn	5.77	6.49	39.0	39.0	178.0	178.0
2021	Spring	5.74	6.7	38.0	38.0	139.0	139.0
2021	Autumn	6.78	7.06	36.0	36.0	101.0	101.0
2020	Spring	6.31	7.22	32.0	32.0	65.0	65.0
2020	Autumn	8.09	8.09	33.0	33.0	33.0	33.0

Semester-wise Details

*This registration is subject to approval(s) from faculty advisor/Course Instructor/Academic office.

Year/Semester: 2023-24/Autumn

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
AE 407	Modelling and Simulation	6.0	Core course	Not allotted	C
AE 410	Navigation and Guidance	6.0	Core course	Not allotted	C
AE 667 ✓	Rotary Wing Aerodynamics	6.0	Department elective	Not allotted	C
CS 747 ✓	Foundations of Intelligent and Learning Agents	6.0	Additional Learning	Not allotted	C
CS 781 ✓	Formal Methods in Machine Learning	6.0	Additional Learning	Not allotted	C
ES 200 (S2)	Environmental Studies: Science and Engineering Second Half	3.0	Core course	Not allotted	C
HS 200 (S2)	Environmental Studies First Half	3.0	Core course	Not allotted	C

Year/Semester: 2022-23/Spring

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
AE 305	Flight Mechanics II	6.0	Core course	BB	C
AE 312	Aerodynamics Laboratory	5.0	Core course	AB	C
AE 316	Aircraft Propulsion Laboratory	5.0	Core course	BC	C
AE 332	Aircraft Design	6.0	Core course	BC	C
AE 427	Control Systems Laboratory	5.0	Core course	BC	C
HS 449 ✓	Capitalism : theories, histories, varieties	6.0	Additional Learning	BC	C
IE 506	Machine Learning: Principles and Techniques	6.0	Additional Learning	W	C

Year/Semester: 2022-23/Autumn

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
AE 308	Control Theory	6.0	Core course	BC	C
AE 314	Aircraft Structures Laboratory	5.0	Core course	AB	C
AE 326	Vibrations and Structural Dynamics	6.0	Core course	CC	C
AE 330	Aerospace Propulsion	6.0	Core course	CD	C
AE 333	Aerodynamics	6.0	Core course	BC	C
AE 651	Aerodynamics of Compressors and Turbines	6.0	Additional Learning	DD	C
DE 625	Introduction to Filmmaking	4.0	Department elective	FR	C
DE 629	Introduction to Photography	2.0	Additional Learning	FR	C
GC 101	Gender in the workplace	0.0	Core course	PP	N
HS 301	Philosophy	6.0	HSS elective	CD	C

Year/Semester: 2021-22/Spring

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
AE 234	Aircraft Propulsion	6.0	Core course	BC	C
AE 236	Compressible Fluid Mechanics	6.0	Core course	CD	C
AE 238	Aerospace Structural Mechanics	6.0	Core course	CC	C
AE 240	Spaceflight Mechanics	6.0	Core course	BC	C
AE 242	Aerospace Measurements Laboratory	6.0	Core course	CC	C
MA 214 (S1)	Introduction to Numerical Analysis	8.0	Core course	DD	C

Year/Semester: 2021-22/Autumn

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
AE 223	Thermodynamics and Propulsion	6.0	Core course	CC	C
AE 225	Incompressible Fluid Mechanics	6.0	Core course	BC	C
AE 227	Solid Mechanics	6.0	Core course	CD	C
EE 101 (S4)	Introduction to Electrical and Electronics Circuits	8.0	Core course	BB	C
HS 101 (S2) ✓	Economics	6.0	Core course	BB	C
MA 207 (S1)	Differential Equations II Second Half	4.0	Core course	CC	C
SC 639 (M)	Mathematical Structures for Control	6.0	Minor	BC	C

Year/Semester: 2020-21/Spring

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
AE 102 ✓	Data Analysis and Interpretation	6.0	Core course	BC	C
AE 152	Introduction to Aerospace Engg.	6.0	Core course	BC	C
BB 101 (D2) ✓	Biology First Half	6.0	Core course	CC	C

MA 106 (D2)	Linear Algebra First Half	4.0	Core course	CC	C
MA 108 (D2)	Differential Equations Second Half	4.0	Core course	DD	C
PH 108 (D2)	Basics of Electricity & Magnetism First Half	6.0	Core course	BC	C

Year/Semester: 2020-21/Autumn

Course Code	Course Name	Credits	Tag	Grade	Credit/Audit
CH 105 (S5)	Organic & Inorganic Chemistry First Half	4.0	Core course	BB	C
CH 107 (D2)	Physical Chemistry Second Half	4.0	Core course	CC	C
CS 101 (D2)	Computer Programming and Utilization	6.0	Core course	BC	C
MA 109 (D2)	Calculus I First Half	4.0	Core course	BB	C
MA 111 (D2)	Calculus II Second Half	4.0	Core course	BB	C
ME 119 (P12)	Engineering Graphics & Drawing	5.0	Core course	AB	C
NOC501	NCC/NSS/NSO	0.0	Core course	PP	N
PH 107 (D2)	Quantum Physics and Application	6.0	Core course	AA	C