

B.Voc. Drone Technology

Three-Year Undergraduate Programme (6 Semesters)

Semester 1

Code	Course Title	Credits	Internal	External	Total
BVDT101	Fundamentals of Drone Technology	4	30	70	100
BVDT102	Engineering Mathematics	4	30	70	100
BVDT103	Electronics Basics	3	30	70	100
BVDT104	Communication Skills	2	30	70	100
BVDT105	Drone Lab-I	3	30	70	100

Semester 2

Code	Course Title	Credits	Internal	External	Total
BVDT201	Aerodynamics	4	30	70	100
BVDT202	Sensors and Actuators	4	30	70	100
BVDT203	Programming for UAVs	3	30	70	100
BVDT204	Environmental Studies	2	30	70	100
BVDT205	Drone Lab-II	3	30	70	100

Semester 3

Code	Course Title	Credits	Internal	External	Total
BVDT301	Flight Control Systems	4	30	70	100
BVDT302	GIS and Remote Sensing	4	30	70	100
BVDT303	Drone Assembly	3	30	70	100
BVDT304	Entrepreneurship	2	30	70	100
BVDT305	Drone Lab-III	3	30	70	100

Semester 4

Code	Course Title	Credits	Internal	External	Total
BVDT401	Drone Regulations	4	30	70	100
BVDT402	Payload Technologies	4	30	70	100
BVDT403	Data Analytics	3	30	70	100
BVDT404	Internship-I	2	30	70	100
BVDT405	Drone Lab-IV	3	30	70	100

Semester 5

Code	Course Title	Credits	Internal	External	Total
BVDT501	Precision Agriculture	4	30	70	100
BVDT502	Industrial Applications	4	30	70	100
BVDT503	AI in Drones	3	30	70	100
BVDT504	Internship-II	2	30	70	100
BVDT505	Project-I	3	30	70	100

Semester 6

Code	Course Title	Credits	Internal	External	Total
BVDT601	Advanced UAV Systems	4	30	70	100
BVDT602	Drone Maintenance	4	30	70	100
BVDT603	Research Methods	3	30	70	100
BVDT604	Project-II	4	30	70	100
BVDT605	Viva Voce	2	30	70	100