

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE ::VRSEC
MOOCS COURSES
OE III, OE IV, HONORS

MOOCS courses offered in the Open electives (OE3, OE4) Semester I of IV/IV B. Tech AI&DS – VR20:

S. No	Course Code	Course Name	Open Elective	Duration
1.	20AI&DS7205A	Programming in Modern C++ (Offered by IIT Kharagpur)	III	12 weeks
2.	20AI&DS7205B	Social Networks (Offered by IIT Ropar)	III	12 weeks
3.	20AI&DS7205C	Ethical Hacking (Offered by IIT Kharagpur)	III	12 weeks
4.	20AI&DS7206A	Foundations of R Software (Offered by IIT Kanpur)	IV	12 weeks
5.	20AI&DS7206B	Advanced Computer Architecture (Offered by IIT Delhi)	IV	12 weeks
6.	20AI&DS7206C	Privacy and Security in Online Social Media (Offered by IIIT Hyderabad)	IV	12 weeks

Note: All the students should complete one course from each Open Elective (OE III and OE IV)

MOOCS courses offered in the Honor degree – VR20:

S.No	Course Code	Course Name	Duration
1.	20AI&DSH7802A	Design, Technology and Innovation (Offered by IIT Bombay)	8 Weeks
2.	20AI&DSH7802B	Introduction To Industry 4.0 And Industrial Internet Of Things (Offered by IIT Kharagpur)	12 Weeks
3.	20AI&DSH7802C	Advanced Graph Theory (Offered by IIT Patna)	8 Weeks
4.	20AI&DSH7803A	Introduction to Soft Computing (Offered by IIT Kharagpur)	8 Weeks
5.	20AI&DSH7803B	Introduction to Haskell Programming (Offered by Chennai Mathematical Institute)	8 Weeks
6.	20AI&DSH7803C	Spatial Informatics (Offered by IIT Kharagpur)	8 Weeks

Note: All the students who have registered for Honors should complete any two courses from the above mentioned list of MOOCs courses

MOOCS courses offered in the Minor degree – VR20:

S.No	Course Code	Course Name	Duration
1.	20AI&DSM7702A	Data Science for Engineers (Offered by IIT Madras)	8 Weeks
2.	20AI&DSM7702B	Web based technologies and Multimedia Applications (Offered by Indhira Gandhi Open University)	12 Weeks
3.	20AI&DSM7702C	Introduction to Machine Learning (Offered by IIT Madras)	12 Weeks
4.	20AI&DSM7702D	Software Project Management (Offered by IIT Kharagpur)	12 Weeks
5.	20AI&DSM7703A	Privacy and Security in Online Social Media (Offered by IIIT Hyderabad)	12 Weeks
6.	20AI&DSM7703B	Cloud Computing (Offered by IIT Kharagpur)	12 Weeks
7.	20AI&DSM7703C	Software Testing (Offered by IIT Bangalore)	12 Weeks

Note: All the students who have registered for Minor Courses (offered by AI&DS) should complete any two courses from the above mentioned list of MOOCs courses.