Electrical Engineering Major Sensor Technology

Programme	EC
Year 1	60
Semester 1	30
ELVP22PRJ1 - Project 1	5
ELVP22AE1 - Circuit Analysis and Electronics 1	5
ELVP22APH - Applied Physics	5
ELVP22DE - Digital Electronics	5
ELVP22EMP - Embedded Programming	5
ELVP22PUY1 - Power Up Yourself 1	5
Semester 2	30
Semester 2	25
ELVP22PRJ2 - Project 2	5
ELVP22AE2 - Circuit Analysis and Electronics 2	5
ELVP22AMAT - Applied Mathematics	5
ELVP22PLC - PLC Programming	5
ELVP22PUY2 - Power Up Yourself 2	5
Elective	5
selection of following courses	
ELVP22SET - Sustainable Energy Technology	5
ELVP22AMEC - Applied Mechanics	5
ELVP22CHE - Chemistry in Engineering	5
Year 2	60
Monitoring and Control	30
ELVH19APRS3 - Project Semester 3	6
ELVH17AOOP - Object Oriented Programming	2
ELVH16AMATH3 - Mathematics 3	3
ELVH17ACS - Control Systems	5
ELVH17ADC - Data Communication	5
ELVH17AENT1 - Entrepreneurship 1	1
ELVH17ABIOL2 - Biology 2	3
ELVH17ACHEM2 - Chemistry 2	3
ELVH17APFS3 - Professional Skills 3	2
Signal Processing/Robotics with noisy data	30
ELVH17APRS4 - Project Semester 4	6
ELVH19ADSP - Digital Signal Processing	5
ELVH20AROB - Robotics	4
ELVH16AMS - Modelling and Simulation	4
ELVH16ADB - Databases	2
ELVH17ASTA - Statistics	4
ELVH19ADM - Design Methodology	2
ELVH17APFS4 - Professional Skills 4	3
Year 3	60
Research and Development	30
ELVH17APRS5 - Project Semester 5	8
ELVH17AENT2 - Entrepreneurship 2	4
ELVH19ARE - Reliability Engineering	3
ELVH17ARESS - Research Skills	2
ELVH20AEMB - Embedded Systems	5
ELVH19ACTSP - Continuous Time Signal Processing	4
ELVH17ACOC - Community Contribution	2
ELVH17APFS5 - Professional Skills 5	2
Internet of things/Entrepeneurship	30
ELVH17APRS6 - Project Semester 6	8
ELVH17AENT3 - Entrepreneurship 3	2
ELVH17AAF - Advanced Filter	2
ELVH17AMATH4 - Mathematics 4	4
ELVH20AIOT - Internet of Things Fundamentals	5
ELVH18GCVIP - Computer Vision and Image Processing	4
ELVH17ACOC - Community Contribution	2
ELVH17APFS6 - Professional Skills 6	3
Year 4	60
Electives	30

electives

- Graduation *30*
  - ELVH18AGP - Graduation Project *30*

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