

B.T. Kumaon Institute of Technology, Dwarahat

List of Subjects of B.Tech. III and IV Year for odd sem. 2023-2024

Branch	Year	Subject Code	Subject Name	T/P	Remark
CSE	III	BCST 501	Operating System	T	Compulsary
CSE	III	BCST -502	Computer Networks	T	Compulsary
CSE	III	BCST -503	Design and Analysis of Algorithms	T	Compulsary
CSE	III	HSNC- 502	Constitution of India	T	NC
CSE	III	BECT 504(A)	Software Engineering	T	Dep. Elec. 1
CSE	III	BOET-505(D)	Innovation and Entrepreneurship	T	Dep. Elec. 2
CSE	III	BCSP- 501	Operating System Lab	P	Compulsary
CSE	III	BCSP- 502	Computer Networks Lab	P	Compulsary
CSE	III	BCSP-503	Design and Analysis of Algorithms Lab	P	Compulsary
CSE	III	BCST -508	Evaluation of Internship-II completed at II-year level	P	Compulsary
CSE	IV	BCST -701	.NET Framework and Programming	T	Compulsary
CSE	IV	HSNC- 081	Rural Development	T	Open Elec.
CSE	IV	BCST 703 (D)	Internet-of-Things Systems	T	Dep. Elec. 1
CSE	IV	BOCS -704(B)	Digital Image Processing	T	Dep. Elec. 2
CSE	IV	BCSP-701	. NET Framework and Programming Lab	P	Compulsary
CSE	IV	BCSP -706	Evaluation of Internship-III completed at III year level	P	Compulsary
CSE	IV	BCSP -707	Project	P	Compulsary
ECE	III	BECT-501	Microprocessors & Interfacing	T	Compulsary
ECE	III	BECT-502	VLSI Technology and Design	T	Compulsary
ECE	III	BECT-503	Antenna And Wave Propagation	T	Compulsary
ECE	III	BECT-504	Electromagnetic Field Theory	T	Compulsary
ECE	III	HSNC-502	Essence of Indian Traditional Knowledge	T	NC
ECE	III	BEET-301	Electrical Measurements & Instrumentation	T	Dep. Elec. 1
ECE	III	BECP-501	Microprocessors & Interfacing Lab	P	Compulsary
ECE	III	BECP-502	Antenna And Wave Propagation Lab	P	Compulsary
ECE	III	BECP- 503	VLSI Technology and Design LAB	P	Compulsary
ECE	III	BECP-504	Mini Project-II or Internship-II	P	Compulsary
ECE	IV	BECT-701	Optical Fibre Communication	T	Compulsary
ECE	IV	HSNC- 081	Rural Development	T	Open Elec.
ECE	IV	BECT-074	Satellite Communication	T	Dep. Elec. 1
ECE	IV	BECT-075	Digital Image Processing	T	Dep. Elec. 2
ECE	IV	BECP-701	Optical Fibre Communication Lab	P	Compulsary
ECE	IV	BECP-702	Internship-III	P	Compulsary
ECE	IV	BECP-703	Project-I	P	Compulsary
ME	III	BMET-501	Heat and Mass transfer	T	Compulsary
ME	III	BMET-502	Manufacturing Science & Tech-II	T	Compulsary
ME	III	BMET-503	Mechanical Measurement and Control	T	Compulsary

ME	III	BMET-504	Operation Research	T	Compulsary
ME	III	HSNC-501	Constitution of India	T	NC
ME	III	BMET-051	Computer Integrated Manufacturing	T	Dep. Elec. 1 (Department will offer both the electives. Students may choose any one elective of their own choice)
		BMET-053	3D Printing and Design		
ME	III	BMEP-501	Heat and Mass Transfer Lab	P	Compulsary
ME	III	BMEP-502	Manufacturing Science Lab	P	Compulsary
ME	III	BMEP-503	Mechanical Measurement Lab	P	Compulsary
ME	III	BMEP-504	Mini Project-II or Internship-II	P	Compulsary
ME	IV	BMET-701	CAD/CAM	T	Compulsary
ME	IV	BMET-072	Maintenance and Safety	T	Dep. Elec. 1 (Department will offer both the electives. Students may choose any one elective of their own choice)
		BMET-074	Advanced Engineering Material		
ME	IV	BMET-078	Robotics and Automation	T	Dep. Elec. 2
ME	IV	TOE 071	Energy Conservation	T	Open Elec.
ME	III	BMEP-701	CAD/CAM Lab	P	Compulsary
ME	III	BMEP-702	Simulation/Virtual Lab	P	Compulsary
ME	III	BMEP-703	Seminar	P	Compulsary
ME	III	BMEP-704	Project	P	Compulsary
ME	III	BMEP-705	Internship-III	P	Compulsary
EE	III	BEET-501	ELECTRICAL MACHINE-II	T	Compulsary
EE	III	BEET-502	POWER SYSTEMS-II	T	Compulsary
EE	III	BEET-503	POWER ELECTRONICS	T	Compulsary
EE	III	BEET-504	EMFT	T	Compulsary
EE	III	HSNC-502	Essence of Indian Traditional Knowledge	T	NC
EE	III	BEET-051	DIGITAL CONTROL SYSTEM	T	Dep. Elec. 1
EE	III	BEEP-501	ELECTRICAL MACHINE-II LAB	P	Compulsary
EE	III	BEEP-502	POWER SYSTEM-II LAB	P	Compulsary
EE	III	BEEP-503	POWER ELECTRONICS LAB	P	Compulsary
EE	III	BEEP-504	Mini Project-II or Internship-II	P	Compulsary
EE	IV	BEET-701	Power Quality and FACTS	T	Compulsary
EE	IV	HSNC-081	Rural Development	T	Open Elec.
EE	IV	BEET-071	ANN & Fuzzy Logic	T	Dep. Elec. 1
EE	IV	BEET-074	Wind and Solar Energy	T	Dep. Elec. 2
EE	IV	BEEP-701	FACT Lab using MATLAB	P	Compulsary
EE	IV	BEEP-702	Internship-III	P	Compulsary
EE	IV	BEEP-703	Project-I	P	Compulsary

CE	III	BCET-501	Geotechnical Engineering	T	Compulsary
CE	III	BCET-502	Environmental Engineering-I	T	Compulsary
CE	III	BCET-503	Transportation Engineering - II	T	Compulsary
CE	III	HSNC-501	Constitution of India	T	NC
CE	III	BCET-511	Quantity Survey and Costing	T	Dep. Elec. 1
CE	III	BCET-521	Structure Analysis - II	T	Dep. Elec. 2
CE	III	BCEP-501	Geotechnical Engineering Lab	P	Compulsary
CE	III	BCEP-502	Quantity Survey and Costing Lab	P	Compulsary
CE	III	BCEP-503	Structural Engineering Lab	P	Compulsary
CE	III	BCEP-504	Mini Project or Internship Assessment	P	Compulsary
CE	IV	BCET-711	Seismology and Earthquake Engineering	T	Dep. Elec. 1
CE	IV	BCET-722	Bridge Engineering	T	Dep. Elec. 2
CE	IV	BCET-011	Environmental Impact and Risk Assessment	T	Open Elec. 1
CE	IV	BCET-021	Hydrology and Irrigation Engg.	T	Open Elec. 2
CE	IV	BCEP-701	Project	P	Compulsary
CE	IV	BCEP-702	Mini Project or Internship Assessment	P	Compulsary
CE	IV	BCEP-703	Implementation of Civil Engineering Softwares	P	Compulsary
CE	IV	BCEP-704	Seminar	P	Compulsary
CHE	III	BCHT 501	Mass Transfer Operation –II	T	Compulsary
CHE	III	BCHT 502	Chemical Reaction Engineering -II	T	Compulsary
CHE	III	BCHT 503	Process Dynamics & Control	T	Compulsary
CHE	III	HSNC-501	Essence of Indian Traditional Knowledge	T	NC
CHE	III	BCHT 513	Chemical Engineering Thermodynamics	T	Dep. Elec. 1
CHE	III	BCHT522	Process Flow Sheet Simulation	T	Dep. Elec. 2
CHE	III	BCHP 501	Mass Transfer Operation -II Lab	P	Compulsary
CHE	III	BCHP 503	Process Dynamics & Control Lab	P	Compulsary
CHE	III	BCHP504	Process Modeling and Simulation lab	P	Compulsary
CHE	III	BCHP 506	Mini Project or Internship Assessment	P	Compulsary
CHE	IV	BCHT 701	Process Equipment Design	T	Compulsary
CHE	IV	BCHT 741	Fertilizer Technology	T	Dep. Elec. 1
CHE	IV	BCHT 752	Hazardous Waste Management	T	Dep. Elec. 2
CHE	IV	HSNC- 081	Rural Development	T	Open Elec.
CHE	IV	BCHP 701	Minor Project	P	Compulsary
CHE	IV	BCHP 702	Virtual Lab	P	Compulsary
CHE	IV	BCHP703	Intrenship-III	P	Compulsary