



Amrutvahini College of Engineering, Sangamner

List of Courses in Each Program 2021-22

516219110	BE Civil Engineering	201001	Building Technology and architectural planning	2020-21
516219110	BE Civil Engineering	201002	Mechanics of Structure	2020-21
516219110	BE Civil Engineering	201003	Fluid Mechanics	2020-21
516219110	BE Civil Engineering	207001	Engineering Mathematics III	2020-21
516219110	BE Civil Engineering	207009	Engineering Geology	2020-21
516219110	BE Civil Engineering	201004	Building Technology and architectural planning Lab	2020-21
516219110	BE Civil Engineering	201005	Mechanics of Structure Lab	2020-21
516219110	BE Civil Engineering	201006	Fluid Mechanics Lab	2020-21
516219110	BE Civil Engineering	207010	Engineering Geology Lab	2020-21
516219110	BE Civil Engineering	201008	Geotechnical Engineering	2020-21
516219110	BE Civil Engineering	201009	Surveying	2020-21
516219110	BE Civil Engineering	201010	Concrete Technology	2020-21
516219110	BE Civil Engineering	201011	Structural Analysis	2020-21
516219110	BE Civil Engineering	201012	Project Management	2020-21
516219110	BE Civil Engineering	201013	Geotechnical Engineering Lab	2020-21
516219110	BE Civil Engineering	201014	Surveying Lab	2020-21
516219110	BE Civil Engineering	201015	Concrete Technology Lab	2020-21
516219110	BE Civil Engineering	201017	Project Based Learning	2020-21
516219110	BE Civil Engineering	301001	Hydrology and Water Resource Engineering	2020-21
516219110	BE Civil Engineering	301002	Water Supply Engineering	2020-21
516219110	BE Civil Engineering	301003	Design of Steel Structures	2020-21
516219110	BE Civil Engineering	301004	Engineering Economics and Financial Management	2020-21
516219110	BE Civil Engineering	301005	Elective I	2020-21
516219110	BE Civil Engineering	301006	Seminar	2020-21
516219110	BE Civil Engineering	301007	Hydrology and Water Resources Engineering Lab	2020-21
516219110	BE Civil Engineering	301008	Water Supply Engineering Lab	2020-21
516219110	BE Civil Engineering	301009	Design of Steel Structures Lab	2020-21
516219110	BE Civil Engineering	301010	Elective I Lab	2020-21
516219110	BE Civil Engineering	301011	Audit Course I: Professional Ethics and Etiquettes/ Sustainable Energy Systems	2020-21
516219110	BE Civil Engineering	301012	Waste Water Engineering	2020-21
516219110	BE Civil Engineering	301013	Design of RC Structures	2020-21
516219110	BE Civil Engineering	301014	Remote Sensing and GIS	2020-21
516219110	BE Civil Engineering	301015	Elective II	2020-21


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516219110	BE Civil Engineering	301016	Internship	2020-21
516219110	BE Civil Engineering	301017	Waste Water Engineering Lab	2020-21
516219110	BE Civil Engineering	301018	Design of RC Structures Lab	2020-21
516219110	BE Civil Engineering	301019	Remote Sensing and GIS Lab	2020-21
516219110	BE Civil Engineering	301020	Elective II Lab	2020-21
516219110	BE Civil Engineering	301021	Audit Course II: Leadership and Personality Development/ Industrial Safety	2020-21
516219110	BE Civil Engineering	401001	Environmental Engineering II	2020-21
516219110	BE Civil Engineering	401002	Transportation Engineering	2020-21
516219110	BE Civil Engineering	401003	Structural Design III	2020-21
516219110	BE Civil Engineering	401004	Elective I (ATP)	2020-21
516219110	BE Civil Engineering	401005	Elective II (TQM & MIS)	2020-21
516219110	BE Civil Engineering	401006	Project Phase I	2020-21
516219110	BE Civil Engineering	401007	Dams and Hydraulic Structures	2020-21
516219110	BE Civil Engineering	401008	Quantity Surveying, Contracts and Tenders	2020-21
516219110	BE Civil Engineering	401009	Elective III	2020-21
516219110	BE Civil Engineering	401010	Elective IV	2020-21
516219110	BE Civil Engineering	401006	Project	2020-21
516219110	ME Civil Structures	501001	Theory of Elasticity and Plasticity	2020-21
516219110	ME Civil Structures	501002	Structural Dynamics	2020-21
516219110	ME Civil Structures	501003	Advanced Design of Steel Structures	2020-21
516219110	ME Civil Structures	501004	Numerical Methods in Structural Engineering	2020-21
516219110	ME Civil Structures	501005	Elective I	2020-21
516219110	ME Civil Structures	501006	Lab Practice I	2020-21
516219110	ME Civil Structures	501007	Finite Element Analysis	2020-21
516219110	ME Civil Structures	501008	Theory of Plates and Shells	2020-21
516219110	ME Civil Structures	501009	Advanced Design of Concrete Structures	2020-21
516219110	ME Civil Structures	501010	Elective II	2020-21
516219110	ME Civil Structures	501011	Lab Practice II	2020-21
516219110	ME Civil Structures	501012	Seminar I	2020-21
516219110	ME Civil Structures	601013	Research Methodology	2020-21
516219110	ME Civil Structures	601014	Analysis and Design of Earthquake Resistant Structure	2020-21
516219110	ME Civil Structures	601015	Elective III	2020-21
516219110	ME Civil Structures	601016	Seminar II	2020-21
516219110	ME Civil Structures	601017	Project Stage I	2020-21
516219110	ME Civil Structures	601018	Seminar III	2020-21
516219110	ME Civil Structures	601019	Project Stage II	2020-21
516219110	Ph.D. Civil Engg	700001	Research Methodology	2020-21

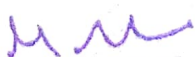

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516219110	Ph.D. Civil Engg	700002	Seminar	2020-21
516219110	Ph.D. Civil Engg.	700003	Faculty Specific Topics for Engineering Research Part-A (700003-A) Mathematics for Engineering Research Part-B (700003-B) Branch Specific Topics	2020-21
516224510	BE Computer Engg.	210241	Discrete Mathematics	2020-21
516224510	BE Computer Engg.	210242	Fundamentals of Data Structures	2020-21
516224510	BE Computer Engg.	210243	Object Oriented Programming	2020-21
516224510	BE Computer Engg.	210244	Computer Graphics	2020-21
516224510	BE Computer Engg.	210245	Digital Electronics and Logic Design	2020-21
516224510	BE Computer Engg.	210246	Data Structures Lab	2020-21
516224510	BE Computer Engg.	210247	OOP and Computer Graphics Laboratory	2020-21
516224510	BE Computer Engg.	210248	Digital Electronics Lab	2020-21
516224510	BE Computer Engg.	210249	Buisness Communication Skills	2020-21
516224510	BE Computer Engg.	210250	Humanity and Social science	2020-21
516224510	BE Computer Engg.	210252	Data Structures and Algorithms	2020-21
516224510	BE Computer Engg.	210253	Software Engineering	2020-21
516224510	BE Computer Engg.	210254	Microprocessor	2020-21
516224510	BE Computer Engg.	210255	Principles of Programming Languages	2020-21
516224510	BE Computer Engg.	210256	Data Structures and Algorithms Lab	2020-21
516224510	BE Computer Engg.	210257	Microprocessor Lab	2020-21
516224510	BE Computer Engg.	210258	Project Based Learning II	2020-21
516224510	BE Computer Engg.	210259	Code of Conduct	2020-21
516224510	BE Computer Engg.	207003	Engineering Mathematics III	2020-21
516224510	BE Computer Engg.	310241	Theory of Computation	2020-21
516224510	BE Computer Engg.	310242	Database Management Systems (DBMS)	2020-21
516224510	BE Computer Engg.	310243	Software Engineering & Project Management	2020-21
516224510	BE Computer Engg.	310244	Information Systems & Engineering Economics	2020-21
516224510	BE Computer Engg.	310245	Computer Networks (CN)	2020-21
516224510	BE Computer Engg.	310246	Skills Development Lab	2020-21
516224510	BE Computer Engg.	310247	DBMS Lab	2020-21
516224510	BE Computer Engg.	310248	CN LAB	2020-21
516224510	BE Computer Engg.	310250	Design & Analysis of Algorithms	2020-21
516224510	BE Computer Engg.	310251	Systems Programming & Operating System (SP & OS)	2020-21
516224510	BE Computer Engg.	310252	Embedded Systems & Internet of Things (ES & IoT)	2020-21
516224510	BE Computer Engg.	310253	Software Modeling and Design	2020-21
516224510	BE Computer Engg.	310254	Web Technology	2020-21
516224510	BE Computer Engg.	310255	Seminar & Technical Communication	2020-21


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516224510	BE Computer Engg.	310256	Web Technology Lab	2020-21
516224510	BE Computer Engg.	310257	SP & OS Lab	2020-21
516224510	BE Computer Engg.	310258	ES & IoT Lab	2020-21
516224510	BE Computer Engg.	410241	High Performance Computing	2020-21
516224510	BE Computer Engg.	410242	Artificial Intelligence and Robotics	2020-21
516224510	BE Computer Engg.	410243	Data Analytics	2020-21
516224510	BE Computer Engg.	410244	Elective -I	2020-21
516224510	BE Computer Engg.	410245	Elective -II	2020-21
516224510	BE Computer Engg.	410246	Laboratory Practice I	2020-21
516224510	BE Computer Engg.	410247	Laboratory Practice II	2020-21
516224510	BE Computer Engg.	410248	Project Work Stage-I	2020-21
516224510	BE Computer Engg.	410250	Machine Learning	2020-21
516224510	BE Computer Engg.	410251	Information and Cyber Security	2020-21
516224510	BE Computer Engg.	410252	Elective -III	2020-21
516224510	BE Computer Engg.	410253	Elective -IV	2020-21
516224510	BE Computer Engg.	410254	Laboratory Practice III	2020-21
516224510	BE Computer Engg.	410255	Laboratory Practice IV	2020-21
516224510	BE Computer Engg.	410256	Project Work Stage II	2020-21
516224510	ME Computer Engg.	510101	Research Methodology	2020-21
516224510	ME Computer Engg.	510102	Bioinspired Optimization Algorithm	2020-21
516224510	ME Computer Engg.	510103	Software Development and Version Control	2020-21
516224510	ME Computer Engg.	510104	Embedded and Real Time Operating System	2020-21
516224510	ME Computer Engg.	510105	Elective - I	2020-21
516224510	ME Computer Engg.	510106	Laboratory Proficiency - I	2020-21
516224510	ME Computer Engg.	510107	Non Credit Course - I	2020-21
516224510	ME Computer Engg.	510108	Operations Research	2020-21
516224510	ME Computer Engg.	510109	Systems Simulation and Modelling	2020-21
516224510	ME Computer Engg.	510110	Machine Learning	2020-21
516224510	ME Computer Engg.	510111	Elective- II	2020-21
516224510	ME Computer Engg.	510112	Seminar - I	2020-21
516224510	ME Computer Engg.	510113	Laboratory Proficiency - II	2020-21
516224510	ME Computer Engg.	510114	Non Credit Course - II	2020-21
516224510	ME Computer Engg.	610101	Fault Tolerant System	2020-21
516224510	ME Computer Engg.	610102	Information Retrieval	2020-21
516224510	ME Computer Engg.	610103	Elective - III	2020-21
516224510	ME Computer Engg.	610104	Seminar - II	2020-21
516224510	ME Computer Engg.	610105	Dissertation Stage - I	2020-21
516224510	ME Computer Engg.	610106	Non Audit Course- III	2020-21
516224510	ME Computer Engg.	610107	Seminar - III	2020-21


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516224510	ME Computer Engg.	610108	Dissertation Stage - II	2020-21
516229310	BE Electrical Engg.	207006	Engineering Mathematics-III	2020-21
516229310	BE Electrical Engg.	203141	Power Generation Technologies	2020-21
516229310	BE Electrical Engg.	203142	Material Science	2020-21
516229310	BE Electrical Engg.	203143	Analog and Digital Electronics	2020-21
516229310	BE Electrical Engg.	203144	Electrical Measurement & Instrumentation	2020-21
516229310	BE Electrical Engg.	203150	Applications of Mathematics in Electrical Engineering	2020-21
516229310	BE Electrical Engg.	203151	Soft Skill	2020-21
516229310	BE Electrical Engg.	203145	Power System-I	2020-21
516229310	BE Electrical Engg.	203146	Electrical Machines-I	2020-21
516229310	BE Electrical Engg.	203147	Network Analysis	2020-21
516229310	BE Electrical Engg.	203148	Numerical Methods & Computer Programming	2020-21
516229310	BE Electrical Engg.	203149	Fundamental of Microcontroller and Applications	2020-21
516229310	BE Electrical Engg.	203152	Project Based Learning	2020-21
516229310	BE Electrical Engg.	203152	Project Based Learning	2020-21
516229310	BE Electrical Engg.	303141	Industrial and Technology Management	2020-21
516229310	BE Electrical Engg.	303142	Power Electronics	2020-21
516229310	BE Electrical Engg.	303143	Electrical Machines-II	2020-21
516229310	BE Electrical Engg.	303144	Electrical Installation Design and Condition Based Maintenance	2020-21
516229310	BE Electrical Engg.	303145	Elective-I Advanced Microcontroller and Embedded System	2020-21
516229310	BE Electrical Engg.	303146	Seminar	2020-21
516229310	BE Electrical Engg.	303146	Seminar	2020-21
516229310	BE Electrical Engg.	303148	Power System-II	2020-21
516229310	BE Electrical Engg.	303149	Computer Aided Design of Electrical Machines	2020-21
516229310	BE Electrical Engg.	303150	Control System Engineering	2020-21
516229310	BE Electrical Engg.	303151	Elective-II	2020-21
516229310	BE Electrical Engg.	303152	Internship	2020-21
516229310	BE Electrical Engg.	303152	Internship	2020-21
516229310	BE Electrical Engg.	403141	Power System Operation and Control	2020-21
516229310	BE Electrical Engg.	403142	PLC and SCADA Applications	2020-21
516229310	BE Electrical Engg.	403143	Elective I Power Quality	2020-21
516229310	BE Electrical Engg.	403144	Elective II Electric and Hybrid Vehicles	2020-21
516229310	BE Electrical Engg.	403145	Control System II	2020-21
516229310	BE Electrical Engg.	403146	Project I	2020-21
516229310	BE Electrical Engg.	403146	Project I	2020-21
516229310	BE Electrical Engg.	403147	Switchgear and Protection	2020-21


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516229310	BE Electrical Engg.	403148	Power Electronic Controlled Drives	2020-21
516229310	BE Electrical Engg.	403149	Elective III High Voltage Engineering	2020-21
516229310	BE Electrical Engg.	403150	Elective IV Smart Grid	2020-21
516229310	BE Electrical Engg.	403151	Project II	2020-21
516237610	BE Electronics Engg.	207005	Engineering Mathematics III	2020-21
516237610	BE Electronics Engg.	204181	Electronic Circuits	2020-21
516237610	BE Electronics Engg.	204182	Digital Circuits	2020-21
516237610	BE Electronics Engg.	204183	Electrical Circuits	2020-21
516237610	BE Electronics Engg.	204184	Data structures	2020-21
516237610	BE Electronics Engg.	204185	Electronic Circuit Lab	2020-21
516237610	BE Electronics Engg.	204186	Digital circuits Lab	2020-21
516237610	BE Electronics Engg.	204187	Electrical Circuit Lab	2020-21
516237610	BE Electronics Engg.	204188	Data Structures Lab	2020-21
516237610	BE Electronics Engg.	204189	Electronic Skill Development	2020-21
516237610	BE Electronics Engg.	204191	Signals & Systems	2020-21
516237610	BE Electronics Engg.	204192	Control Systems	2020-21
516237610	BE Electronics Engg.	204193	Principles of Communication Systems	2020-21
516237610	BE Electronics Engg.	204194	Object Oriented Programming	2020-21
516237610	BE Electronics Engg.	204195	Signals & Control System Lab	2020-21
516237610	BE Electronics Engg.	204196	Principle of Communication Systems Lab	2020-21
516237610	BE Electronics Engg.	204197	Object Oriented Programming Lab	2020-21
516237610	BE Electronics Engg.	204198	Data Analytics Lab	2020-21
516237610	BE Electronics Engg.	204199	Employability Skill Development	2020-21
516237610	BE Electronics Engg.	204200	Project Based Learning	2020-21
516237610	BE Electronics Engg.	304201	Power Electronics and Applications	2020-21
516237610	BE Electronics Engg.	304202	Instrumentation Systems	2020-21
516237610	BE Electronics Engg.	304203	Electromagnetics and Wave propagation	2020-21
516237610	BE Electronics Engg.	304204	Microcontrollers and Applications	2020-21
516237610	BE Electronics Engg.	304205	Data Communication	2020-21
516237610	BE Electronics Engg.	304211	Instrumentation and Power Electronics Lab	2020-21
516237610	BE Electronics Engg.	304212	Microcontroller and Data Communication Lab	2020-21
516237610	BE Electronics Engg.	304213	Electronics System Design Practice	2020-21
516237610	BE Electronics Engg.	304206	DSP and Applications	2020-21
516237610	BE Electronics Engg.	304207	Embedded Processors	2020-21
516237610	BE Electronics Engg.	304208	Business Management and Organization	2020-21
516237610	BE Electronics Engg.	304209	Fundamentals of HDL	2020-21
516237610	BE Electronics Engg.	304210	PLC and Applications	2020-21
516237610	BE Electronics Engg.	304214	Embedded and DSP Lab	2020-21
516237610	BE Electronics Engg.	304215	PLC and HDL Programming Lab	2020-21

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516237610	BE Electronics Engg.	304216	Mini Project	2020-21
516237610	BE Electronics Engg.	404201	VLSI DESIGN	2020-21
516237610	BE Electronics Engg.	404202	Advanced Power Electronics	2020-21
516237610	BE Electronics Engg.	404203	Electronics System Design	2020-21
516237610	BE Electronics Engg.	404204	Elective I	2020-21
516237610	BE Electronics Engg.	404205	Elective II	2020-21
516237610	BE Electronics Engg.	404206	Lab practice -I (APE+ ESD)	2020-21
516237610	BE Electronics Engg.	404207	Lab practice -II (VLSI + Ele I)	2020-21
516237610	BE Electronics Engg.	404208	Project Stage I	2020-21
516237610	BE Electronics Engg.	404209	Computer Networks & security	2020-21
516237610	BE Electronics Engg.	404210	Process Instrumentation	2020-21
516237610	BE Electronics Engg.	404211	Elective III	2020-21
516237610	BE Electronics Engg.	404212	Elective IV	2020-21
516237610	BE Electronics Engg.	404213	Lab Practice III(CNS+PI)	2020-21
516237610	BE Electronics Engg.	404214	Lab Practice IV - (Elective III)	2020-21
516237610	BE Electronics Engg.	404215	Project stage II	2020-21
516237210	E&TC Engineering	207005	Engineering Mathematics III	2021-22
516237210	E&TC Engineering	204181	Electronic Circuits	2021-22
516237210	E&TC Engineering	204182	Digital Circuits	2021-22
516237210	E&TC Engineering	204183	Electrical Circuits	2021-22
516237210	E&TC Engineering	204184	Data structures	2021-22
516237210	E&TC Engineering	204185	Electronic Circuit Lab	2021-22
516237210	E&TC Engineering	204186	Digital circuits Lab	2021-22
516237210	E&TC Engineering	204187	Electrical Circuit Lab	2021-22
516237210	E&TC Engineering	204188	Data Structures Lab	2021-22
516237210	E&TC Engineering	204189	Electronic Skill Development	2021-22
516237210	E&TC Engineering	204190	Mandatory Audit Course 3	2021-22
516237210	E&TC Engineering	204191	Signals & Systems	2021-22
516237210	E&TC Engineering	204192	Control Systems	2021-22
516237210	E&TC Engineering	204193	Principles of Communication Systems	2021-22
516237210	E&TC Engineering	204194	Object Oriented Programming	2021-22
516237210	E&TC Engineering	204195	Signals & Control System Lab	2021-22
516237210	E&TC Engineering	204196	Principle of Communication Systems Lab	2021-22
516237210	E&TC Engineering	204197	Object Oriented Programming Lab	2021-22
516237210	E&TC Engineering	204198	Data Analytics Lab	2021-22
516237210	E&TC Engineering	204199	Employability Skill Development	2021-22
516237210	E&TC Engineering	204200	Project Based Learning	2021-22
516237210	E&TC Engineering	204201	Mandatory Audit Course 4	2021-22
516237210	E&TC Engineering	304181	Digital Communication	2021-22


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516237210	E&TC Engineering	304182	Electromagnetic Field Theory	2021-22
516237210	E&TC Engineering	304183	Database Management	2021-22
516237210	E&TC Engineering	304184	Microcontrollers	2021-22
516237210	E&TC Engineering	304185	Elective - I	2021-22
516237210	E&TC Engineering	304186	Digital Communication Lab	2021-22
516237210	E&TC Engineering	304187	Database Management Lab	2021-22
516237210	E&TC Engineering	304188	Microcontroller Lab	2021-22
516237210	E&TC Engineering	304189	Elective I Lab	2021-22
516237210	E&TC Engineering	304190	Skill Development	2021-22
516237210	E&TC Engineering	304191 A	Mandatory Audit Course 5	2021-22
516237210	E&TC Engineering	304192	Cellular Networks	2021-22
516237210	E&TC Engineering	304193	Project Management	2021-22
516237210	E&TC Engineering	304194	Power Devices & Circuits	2021-22
516237210	E&TC Engineering	304195	Elective-II	2021-22
516237210	E&TC Engineering	304196	Cellular Networks Lab	2021-22
516237210	E&TC Engineering	304197	Power Devices & Circuits Lab	2021-22
516237210	E&TC Engineering	304198	Elective-II Lab	2021-22
516237210	E&TC Engineering	304199	Internship	2021-22
516237210	E&TC Engineering	304200	Mini Project	2021-22
516237210	E&TC Engineering	304191 B	Mandatory Audit Course 6	2021-22
516237210	E&TC Engineering	404181	VLSI Design & Technology	2021-22
516237210	E&TC Engineering	404182	Computer Networks	2021-22
516237210	E&TC Engineering	404183	Microwave Engineering	2021-22
516237210	E&TC Engineering	404184	Elective I	2021-22
516237210	E&TC Engineering	404185	Elective II	2021-22
516237210	E&TC Engineering	404186	Lab Practice I (CN & MWE)	2021-22
516237210	E&TC Engineering	404187	Lab Practice II (VLSI & Elective I)	2021-22
516237210	E&TC Engineering	404188	Project Phase I	2021-22
516237210	E&TC Engineering	404189	Mobile Communication	2021-22
516237210	E&TC Engineering	404190	Broadband Communication Systems	2021-22
516237210	E&TC Engineering	404191	Elective III	2021-22
516237210	E&TC Engineering	404192	Elective IV	2021-22
516237210	E&TC Engineering	404193	Lab Practice III(MC & BCS)	2021-22
516237210	E&TC Engineering	404194	Lab Practice IV(Elective III)	2021-22
516237210	E&TC Engineering	404195	Project Phase II	2021-22
516237210	E&TC Engineering	504301	Electromagnetics and Antenna Theory	2021-22
516237210	E&TC Engineering	504302	RF and Microwave Circuits	2021-22


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516237210	E&TC Engineering	504303	Microwave Measurements	2021-22
516237210	E&TC Engineering	504304	Research Methodology	2021-22
516237210	E&TC Engineering	504305	Elective I	2021-22
516237210	E&TC Engineering	504306	Lab Practice I	2021-22
516237210	E&TC Engineering	504307	Computational Electromagnetics	2021-22
516237210	E&TC Engineering	504308	RF and MMIC Technology	2021-22
516237210	E&TC Engineering	504309	Wireless Communication System	2021-22
516237210	E&TC Engineering	504310	Elective II	2021-22
516237210	E&TC Engineering	504311	Lab Practice II	2021-22
516237210	E&TC Engineering	504312	Seminar I	2021-22
516237210	E&TC Engineering	604301	EMI and EMC Techniques	2021-22
516237210	E&TC Engineering	604302	Radar and Satellite Communications	2021-22
516237210	E&TC Engineering	604303	Elective III	2021-22
516237210	E&TC Engineering	604304	Seminar II	2021-22
516237210	E&TC Engineering	604305	Project Stage I	2021-22
516224210	IT	214441	Discrete Mathematics	2021-22
516224210	IT	214442	Computer Organization and Logic Design	2021-22
516224210	IT	214443	Data Structures and Algorithms	2021-22
516224210	IT	214444	Object Oriented Programming	2021-22
516224210	IT	214445	Basics of Computer Network	2021-22
516224210	IT	214446	Computer Organization and Logic Design Lab	2021-22
516224210	IT	214447	Data Structures and Algorithms Lab	2021-22
516224210	IT	214448	Object Oriented Programming Lab	2021-22
516224210	IT	214449	Soft Skill Lab	2021-22
516224210	IT	214450	Mandatory Audit Course 3	2021-22
516224210	IT	207003	Engineering Mathematics- III	2021-22
516224210	IT	214451	Processor Architecture	2021-22
516224210	IT	214452	Database Management System	2021-22
516224210	IT	214453	Computer Graphics	2021-22
516224210	IT	214454	Software Engineering	2021-22
516224210	IT	214455	Programming Skill Development Lab	2021-22
516224210	IT	214456	Database Management System Lab	2021-22
516224210	IT	214458	Project Based Learning	2021-22
516224210	IT	214459	Mandatory Audit Course 4#	2021-22
516224210	IT	214457	Computer Graphics Lab	2021-22
516224210	IT	314441	Theory of Computation	2021-22
516224210	IT	314442	Operating System	2021-22
516224210	IT	314443	Machine Learning	2021-22


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516224210	IT	314444	Human-Computer Interaction	2021-22
516224210	IT	314445	Electivel	2021-22
516224210	IT	314446	Operating System Lab	2021-22
516224210	IT	314447	Human-Computer Interaction Lab	2021-22
516224210	IT	314448	Laboratory Practicel	2021-22
516224210	IT	314449	seminar	2021-22
516224210	IT	314450	Audit Course 5	2021-22
516224210	IT	314451	Computer Networks& Security	2021-22
516224210	IT	314452	Data Science and Big Data Analytic	2021-22
516224210	IT	314453	Web Application Development	2021-22
516224210	IT	314454	Elective-II	2021-22
516224210	IT	314455	nternship	2021-22
516224210	IT	314456	Computer Networks& Security-Lab	2021-22
516224210	IT	314457	DS & BDA-Lab	2021-22
516224210	IT	314458	Laboratory Practice-II	2021-22
516224210	IT	314459	Audit Course 6	2021-22
516224210	IT	414453	Information and Cyber Security	2021-22
516224210	IT	414454	Software Modeling and Design	2021-22
516224210	IT	414455	Machine Learning	2021-22
516224210	IT	414456	Elective – I	2021-22
516224210	IT	414457	Elective – II	2021-22
516224210	IT	414458	Software Laboratory - III	2021-22
516224210	IT	414459	Software Laboratory - IV	2021-22
516224210	IT	414460	Project Phase I	2021-22
516224210	IT	414461	Distributed System	2021-22
516224210	IT	414462	Advanced Databases	2021-22
516224210	IT	414463	Elective – III	2021-22
516224210	IT	414464	Elective – IV	2021-22
516224210	IT	414465	Software Laboratory - V	2021-22
516224210	IT	414466	Software Laboratory - VI	2021-22
516224210	IT	414467	Project Work	2021-22
516261210	Ph.D. Mechanical Engineering	700001	Research Methodology	2020-21
516261210	Ph.D. Mechanical Engineering	700002	Seminar	2020-21
516261210	Ph.D. Mechanical Engineering	700003	Faculty Specific Topics for Engineering Research Part-A (700003-A) Mathematics for Engineering	2020-21

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			Research Part-B (700003-B) Branch Specific Topics	
516261210	ME Mechanical Engineering	507201	Advanced Mathematics	2020-21
516261210	ME Mechanical Engg.	502202	Material Science and Mechanical Behavior of Materials	2020-21
516261210	ME Mechanical Engg.	502203	Advanced Stress Analysis	2020-21
516261210	ME Mechanical Engg.	502204	Research Methodology	2020-21
516261210	ME Mechanical Engg.	502205	Elective I**	2020-21
516261210	ME Mechanical Engg.	502206	Lab Practice I	2020-21
516261210	ME Mechanical Engg.	502207	Analysis and Synthesis of Mechanisms	2020-21
516261210	ME Mechanical Engg.	502208	Advanced Mechanical Vibrations	2020-21
516261210	ME Mechanical Engg.	502209	Finite Element Method	2020-21
516261210	ME Mechanical Engg.	502210	Elective II	2020-21
516261210	ME Mechanical Engg.	502211	Lab Practice II	2020-21
516261210	ME Mechanical Engg.	502212	Seminar I	2020-21
516261210	ME Mechanical Engg.	602213	Optimization Techniques	2020-21
516261210	ME Mechanical Engg.	602214	Mechanical Measurements and Controls	2020-21
516261210	ME Mechanical Engg.	602215	Elective III	2020-21
516261210	ME Mechanical Engg.	602216	Seminar II	2020-21
516261210	ME Mechanical Engg.	602217	Project Stage I	2020-21
516261210	ME Mechanical Engg.	602218	Seminar III	2020-21
516261210	ME Mechanical Engg.	602219	Project Work Stage II	2020-21
516261210	BE Mechanical Engg.	402041	Refrigeration and Air Conditioning	2020-21
516261210	BE Mechanical Engg.	402042	CAD/ CAM Automation	2020-21
516261210	BE Mechanical Engg.	402043	Dynamics of Machinery	2020-21
516261210	BE Mechanical Engg.	402044	Elective-I	2020-21
516261210	BE Mechanical Engg.	402045	Elective -II	2020-21
516261210	BE Mechanical Engg.	402046	Project -I	2020-21
516261210	BE Mechanical Engg.	402047	Power Plant Engineering	2020-21
516261210	BE Mechanical Engg.	402048	Mechanical System Design	2020-21
516261210	BE Mechanical Engg.	402049	Elective-III	2020-21
516261210	BE Mechanical Engg.	402050	Elective- IV	2020-21
516261210	BE Mechanical Engg.	402051	Project - II	2020-21
516261210	BE Mechanical Engg.	302041	Numerical & Statistical Methods	2020-21
516261210	BE Mechanical Engg.	302042	Heat and Mass Transfer	2020-21
516261210	BE Mechanical Engg.	302043	Design of Machine Elements	2020-21
516261210	BE Mechanical Engg.	302044	Mechatronics	2020-21
516261210	BE Mechanical Engg.	302045	Elective I	2020-21

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516261210	BE Mechanical Engg.	302046	Digital Manufacturing Laboratory	2020-21
516261210	BE Mechanical Engg.	302047	Skill Development	2020-21
516261210	BE Mechanical Engg.	302049	Artificial Intelligence & Machine Learning	2020-21
516261210	BE Mechanical Engg.	302050	Computer Aided Engineering	2020-21
516261210	BE Mechanical Engg.	302051	Design of Transmission Systems	2020-21
516261210	BE Mechanical Engg.	302052	Elective II	2020-21
516261210	BE Mechanical Engg.	302053	Measurement Laboratory	2020-21
516261210	BE Mechanical Engg.	302054	Fluid Power & Control Laboratory	2020-21
516261210	BE Mechanical Engg.	302055	Internship/Mini project *	2020-21
516261210	BE Mechanical Engg.	207002	Engineering Mathematics – III	2020-21
516261210	BE Mechanical Engg.	202041	Solid Mechanics	2020-21
516261210	BE Mechanical Engg.	202042	Solid Modeling and Drafting	2020-21
516261210	BE Mechanical Engg.	202043	Engineering Thermodynamics	2020-21
516261210	BE Mechanical Engg.	202044	Engineering Materials and Metallurgy	2020-21
516261210	BE Mechanical Engg.	203156	Electrical and Electronics Engineering	2020-21
516261210	BE Mechanical Engg.	202045	Geometric Dimensioning and Tolerancing Lab	2020-21
516261210	BE Mechanical Engg.	202047	Kinematics of Machinery	2020-21
516261210	BE Mechanical Engg.	202048	Applied Thermodynamics	2020-21
516261210	BE Mechanical Engg.	202049	Fluid Mechanics	2020-21
516261210	BE Mechanical Engg.	202050	Manufacturing Processes	2020-21
516261210	BE Mechanical Engg.	202051	Machine Shop	2020-21
516261210	BE Mechanical Engg.	202052	Project Based Learning - II	2020-21
516260610	BE Production Engg.	207007	Engineering Mathematics-III	2020-21
516260610	BE Production Engg.	211081	Heat and Fluid Engineering	2020-21
516260610	BE Production Engg.	211082	Strength of Materials	2020-21
516260610	BE Production Engg.	211083	Manufacturing Processes –I	2020-21
516260610	BE Production Engg.	211084	Materials Science and Metallurgy	2020-21
516260610	BE Production Engg.	203050	Electrical and Electronics Engineering	2020-21
516260610	BE Production Engg.	211091	Theory of Machines	2020-21
516260610	BE Production Engg.	211092	Design of Machine Elements	2020-21
516260610	BE Production Engg.	211093	Advanced Materials	2020-21
516260610	BE Production Engg.	211094	Industrial Engineering and Management	2020-21
516260610	BE Production Engg.	211097	Soft Skill	2020-21
516260610	BE Production Engg.	211098	Programming in C Language	2020-21
516260610	BE Production Engg.	211099	Project Based Learning	2020-21
516260610	BE Production Engg.	311081	Metrology & Quality Assurance	2020-21
516260610	BE Production Engg.	311082	Industrial Engineering and Management	2020-21


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516260610	BE Production Engg.	311083	Material Forming	2020-21
516260610	BE Production Engg.	311084	Kinematics of Manufacturing Machines	2020-21
516260610	BE Production Engg.	311085	Cutting Tool Engineering	2020-21
516260610	BE Production Engg.	311086	Production Practice	2020-21
516260610	BE Production Engg.	311091	Production Management	2020-21
516260610	BE Production Engg.	311092	Numerical Techniques & Optimization Methods	2020-21
516260610	BE Production Engg.	311093	Machine Tool Engineering	2020-21
516260610	BE Production Engg.	311094	Tool Design	2020-21
516260610	BE Production Engg.	311095	Process Planning and Tool Selection	2020-21
516260610	BE Production Engg.	311096	Seminar and Technical Communication	2020-21
516260610	BE Production Engg.	411081	Machine Tool Design	2020-21
516260610	BE Production Engg.	411082	Automation & Control Engineering	2020-21
516260610	BE Production Engg.	411083	Operations Research	2020-21
516260610	BE Production Engg.	411084	Elective I	2020-21
516260610	BE Production Engg.	411085	Elective II	2020-21
516260610	BE Production Engg.	411090	Project Phase-I	2020-21
516260610	BE Production Engg.	411091	Computer Integrated Design & Manufacturing	2020-21
516260610	BE Production Engg.	411092	Industrial Robotics	2020-21
516260610	BE Production Engg.	411093	Elective III	2020-21
516260610	BE Production Engg.	411094	Elective IV	2020-21
516260610	BE Production Engg.	411099	Project Work	2020-21
516210110	MBA	101	Managerial Accounting	2020-21
516210110	MBA	102	Organizational Behavior	2020-21
516210110	MBA	103	Economic analysis for business decisions	2020-21
516210110	MBA	104	Business research methods	2020-21
516210110	MBA	105	Basics of marketing	2020-21
516210110	MBA	106	Digital Business	2020-21
516210110	MBA	107	Management fundamentals	2020-21
516210110	MBA	109	Entrepreneurship Development	2020-21
516210110	MBA	111	Legal aspects of business	2020-21
516210110	MBA	113	Verbal Communication lab	2020-21
516210110	MBA	114	Enterprise analysis & desk research	2020-21
516210110	MBA	115	Selling & negotiating skills lab	2020-21
516210110	MBA	201	Marketing Management	2020-21
516210110	MBA	202	Financial Management	2020-21
516210110	MBA	203	Human Resource Management	2020-21
516210110	MBA	204	Operations & Supply Chain Management	2020-21

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516210110	MBA	208	Geopolitics & World Economic Systems	2020-21
516210110	MBA	209	Start up & new venture management	2020-21
516210110	MBA	210	Qualitative research methods	2020-21
516210110	MBA	214	Industry Analysis- Desk Research	2020-21
516210110	MBA	205MKT	Marketing research	2020-21
516210110	MBA	206MKT	Consumer behavior	2020-21
516210110	MBA	217MKT	Integrated marketing communications	2020-21
516210110	MBA	219MKT	Personal selling lab	2020-21
516210110	MBA	205FIN	Financial markets & banking operations	2020-21
516210110	MBA	206FIN	Personal Financial Planning	2020-21
516210110	MBA	219FIN	Direct Taxation.	2020-21
516210110	MBA	224FIN	General insurance-Health & vehicle	2020-21
516210110	MBA	205HR	Competency based HRM	2020-21
516210110	MBA	206HR	Employee relations & Labour legislation	2020-21
516210110	MBA	217HR	Labour welfare	2020-21
516210110	MBA	218HR	Lab in recruitment & selection	2020-21
516210110	MBA	301	Strategic Management	2020-21
516210110	MBA	302	Decision Science	2020-21
516210110	MBA	303	Summer Internship Project	2020-21
516210110	MBA	307	International Business Environment	2020-21
516210110	MBA	309	Knowledge management	2020-21
516210110	MBA	310	Corporate governance	2020-21
516210110	MBA	304MKT	Services Marketing	2020-21
516210110	MBA	305MKT	Sales & distribution Management	2020-21
516210110	MBA	313MKT	International marketing	2020-21
516210110	MBA	316MKT	Marketing analytics	2020-21
516210110	MBA	317MKT	Marketing of high tech products	2020-21
516210110	MBA	304FIN	Advanced financial Management	2020-21
516210110	MBA	305FIN	International Financial	2020-21
516210110	MBA	315FIN	Indirect taxation	2020-21
516210110	MBA	317FIN	Financial modeling	2020-21
516210110	MBA	318FIN	Digital banking	2020-21
516210110	MBA	304HR	Strategic HR Management	2020-21
516210110	MBA	305HR	HR operations	2020-21
516210110	MBA	314HR	HR perspectives in mergers & acquisition	2020-21
516210110	MBA	315HR	International HR	2020-21
516210110	MBA	319HR	Change managemtn & New technologies in HRM	2020-21
516210110	MBA	401	Enterprise Performance Management	2020-21


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516219110	BE Civil Engineering	201001	Building Technology and architectural planning	2020-21
516219110	BE Civil Engineering	201002	Mechanics of Structure	2020-21
516219110	BE Civil Engineering	201003	Fluid Mechanics	2020-21
516219110	BE Civil Engineering	207001	Engineering Mathematics III	2020-21
516219110	BE Civil Engineering	207009	Engineering Geology	2020-21
516219110	BE Civil Engineering	201004	Building Technology and architectural planning Lab	2020-21
516219110	BE Civil Engineering	201005	Mechanics of Structure Lab	2020-21
516219110	BE Civil Engineering	201006	Fluid Mechanics Lab	2020-21
516219110	BE Civil Engineering	207010	Engineering Geology Lab	2020-21
516219110	BE Civil Engineering	201008	Geotechnical Engineering	2020-21
516219110	BE Civil Engineering	201009	Surveying	2020-21
516219110	BE Civil Engineering	201010	Concrete Technology	2020-21
516219110	BE Civil Engineering	201011	Structural Analysis	2020-21
516219110	BE Civil Engineering	201012	Project Management	2020-21
516219110	BE Civil Engineering	201013	Geotechnical Engineering Lab	2020-21
516219110	BE Civil Engineering	201014	Surveying Lab	2020-21
516219110	BE Civil Engineering	201015	Concrete Technology Lab	2020-21
516219110	BE Civil Engineering	201017	Project Based Learning	2020-21
516219110	BE Civil Engineering	301001	Hydrology and Water Resource Engineering	2020-21
516219110	BE Civil Engineering	301002	Water Supply Engineering	2020-21
516219110	BE Civil Engineering	301003	Design of Steel Structures	2020-21
516219110	BE Civil Engineering	301004	Engineering Economics and Financial Management	2020-21
516219110	BE Civil Engineering	301005	Elective I	2020-21
516219110	BE Civil Engineering	301006	Seminar	2020-21
516219110	BE Civil Engineering	301007	Hydrology and Water Resources Engineering Lab	2020-21
516219110	BE Civil Engineering	301008	Water Supply Engineering Lab	2020-21
516219110	BE Civil Engineering	301009	Design of Steel Structures Lab	2020-21
516219110	BE Civil Engineering	301010	Elective I Lab	2020-21
516219110	BE Civil Engineering	301011	Audit Course I: Professional Ethics and Etiquettes/ Sustainable Energy Systems	2020-21
516219110	BE Civil Engineering	301012	Waste Water Engineering	2020-21
516219110	BE Civil Engineering	301013	Design of RC Structures	2020-21
516219110	BE Civil Engineering	301014	Remote Sensing and GIS	2020-21
516219110	BE Civil Engineering	301015	Elective II	2020-21


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516210110	MBA	402	Indian Ethos & Business Ethics	2020-21
516210110	MBA	405	Global Strategic Management	2020-21
516210110	MBA	408	Corporate Social Responsibility & Sustainability	2020-21
516210110	MBA	403MKT	Marketing 4.0	2020-21
516210110	MBA	404MKT	Marketing Strategy	2020-21
516210110	MBA	409MKT	Customer relationship Management	2020-21
516210110	MBA	410MKT	Rural & agriculture marketing	2020-21
516210110	MBA	403FIN	Financial Laws	2020-21
516210110	MBA	404FIN	Current trends & cases in finance	2020-21
516210110	MBA	411FIN	Risk Management	2020-21
516210110	MBA	412FIN	Strategic cost Management	2020-21
516210110	MBA	403HR	Organizational Diagnosis & Development	2020-21
516210110	MBA	404HR	Current trends & cases in HRM	2020-21
516210110	MBA	412HR	Best practices in HRM	2020-21
516210110	MBA	413HR	Employee engagement & ownership	2020-21
	FE Common	107001	Engineering Mathematics-I	2020-21
	FE Common	107002/ 107009	Engineering Physics / Engineering Chemistry	2020-21
	FE Common	102003	Systems in Mechanical Engineering	2020-21
	FE Common	103004/ 104010	Basic Electrical Engineering / Basic Electronics Engineering	2020-21
	FE Common	110005/ 101011	Programming and Problem Solving Engineering/Engineering Mechanics	2020-21
	FE Common	111006	Workshop	2020-21
	FE Common	107008	Engineering Mathematics-II	2020-21
	FE Common	107002/ 107009	Engineering Physics/ Engineering Chemistry	2020-21
	FE Common	103004/ 104010	Basic Electrical Engineering / Basic Electronics Engineering	2020-21
	FE Common	110005/ 101011	Programming and Problem Solving Engineering/Engineering Mechanics	2020-21
	FE Common	110010	Fundamentals of programming languages	2020-21
	FE Common	110013	Project Based Learning	2020-21


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