

Extract of the minutes of 12th meeting of the Academic Council held on 18th November, 2021

Venue University Conference Room	Time 03.00 pm
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Agenda Item 12.9:

(c) To consider the courses focus on employability/entrepreneurship/skill development as recommended by Board of studies of various Departments.

Various new courses on practical learning, skill development, entrepreneurship, employability are included in the revised syllabus in order to develop the skill in our students and make them ready for employment. The council approved these courses w.e.f. the academic year 2021-22.

List of the courses having focus on employability/entrepreneurship/skill development are as under:

S. No.	Name of the Course	Course Code	Name of the Program
1	MS OFFICE/ MATLAB/ SPSS/ MATHEMATICA/ LATEX/ MAPLE/ CHEMICAL TECHNOLOGY & SOCIETY/ PHARMACEUTICAL CHEMISTRY/ INTELLECTUAL PROPERTY RIGHTS	CSE301	BSC-006
5	Concrete Technology	BCE-305	B.Tech
6	Computer-aided Civil Engineering Drawing	BCE-302	B.Tech
7	Computer-aided Civil Engineering Drawing Lab	BCE-352	B.Tech
8	Geotechnical Engineering II	BCE-501	B.Tech
9	Estimation Costing & Valuation	BCE-506	B.Tech
10	Geotechnical Engineering II Lab	BCE-553	B.Tech
11	Building Materials & Testing	BCE- 401	B.Tech
12	Building Materials & Testing Lab	BCE- 451	B.Tech
13	Cad Lab	BCE-851	B.Tech
14	Fashion vector graphics	BFD 256	B.Sc. Fashion Design
15	Digital Design	BFD359	B.Sc. Fashion Design

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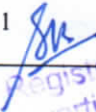
16	Fashion marketing and merchandising	BFD 401	B.Sc. Fashion Design
17	Industrial Learning and Internship	BFD406	B.Sc. Fashion Design
18	Retail management	BFD502	B.Sc. Fashion Design
19	Organizational Behavior	BFD 503	B.Sc. Fashion Design
20	Graduation design collection	BFD 651	B.Sc. Fashion Design
21	Dyeing and Printing	BFD 255	B.Sc. Fashion Design
22	Product Development	BFD551	B.Sc. Fashion Design
23	Functional Clothing	BFD 553	B.Sc. Fashion Design
24	Soft skills	BFD 251	B.Sc. Fashion Design
25	Surface ornamentation	BFD 356	B.Sc. Fashion Design
26	Draping techniques	BFD 554	B.Sc. Fashion Design
27	Summer internship	BFD 556	B.Sc. Fashion Design
28	Minor Project	BFD 457	B.Sc. Fashion Design
31	Digital Electronics and Computer Organization	BCA 105	BCA
32	Industrial Applications	BCA 207	BCA
34	Introduction to Operating Systems	BCA 202	BCA
36	OOP using C++	BCA 204	BCA
37	OOP using C++ lab	BCA 253	BCA
38	Data Structures using C	BCA 206	BCA
39	Data Structures using C lab	BCA254	BCA
40	Database Management Systems	BCA 302	BCA

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41	Java Programming	BCA 306	BCA
42	Computer Networks	BCA 304	BCA
43	Multimedia and Applications	BCA 309	BCA
44	DBMS LAB	BCA 351	BCA
45	Java Programming LAB	BCA 353	BCA
46	Multimedia Lab	BCA 354	BCA
47	Software Engineering	BCA 401	BCA
48	Web Based System Development	BCA 406	BCA
49	GUI using .Net Framework	BCA 407	BCA
50	Data Mining and Warehousing	BCA 408	BCA
51	Mini Project	BCA 409	BCA
52	Web Based System Development	BCA 453	BCA
53	GUI using .Net Framework LAB	BCA 454	BCA
54	Computer Graphics and Animation	BCA 501	BCA
55	Digital Marketing	BCA 503	BCA
56	Data and Network Security	BCA 505	BCA
57	Computer Graphics LAB	BCA 556	BCA
58	Python Programming	BCA 601	BCA
59	Advanced SQL Programming	BCA 604	BCA
60	Cloud Computing	BCA 605	BCA
61	Python Lab	BCA 653	BCA


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62	Advanced SQL Programming	BCA 654	BCA
63	Object Oriented Programming Concepts	MCA106	MCA
64	Advanced Computer Architecture	MCA107	MCA
65	Advanced Database Management Systems	MCA108	MCA
66	Advanced Computer Networks	MCA109	MCA
67	Advanced Data Structure and Algorithms	MCA110	MCA
68	Object Oriented Programming Concepts Lab	MCA153	MCA
69	Advanced Database Management Systems Lab	MCA154	MCA
70	Advanced Data Structure and Algorithms Lab	MCA155	MCA
71	Advanced Java Programming	MCA206	MCA
72	Design & Analysis of Algorithms	MCA207	MCA
73	Advanced Operating Systems	MCA208	MCA
74	Advanced Software Engineering	MCA209	MCA
75	Web Technologies	MCA210	MCA
76	.NET Framework using C#	MCA306	MCA
77	Advance Data Mining Techniques	MCA307	MCA
78	Cryptography and Cyber Security	MCA308	MCA
79	.Net Framework Using C# Lab	MCA 353	MCA
80	Artificial Neural Network	MCA309	MCA
81	Android Programming	MCA 310	MCA
82	PHP	MCA311	MCA


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83	Search Engine Optimization	MCA312	MCA
84	Oracle	MCA313	MCA
85	Digital Marketing	MCA314	MCA
86	Theory of Computation	MCA315	MCA
87	Distributed DBMS	MCA316	MCA
88	Data Compression	MCA317	MCA
90	Machine Learning with Python	MCA404	MCA
91	Cloud Computing and Virtualization	MCA405	MCA
92	Major Project	MCA454	MCA
93	Internet of Things	MCA406	MCA
94	MATLAB	MCA407	MCA
95	Digital Image Processing	MCA408	MCA
96	Block Chain Technology	MCA409	MCA
97	Artificial Intelligence	MCA410	MCA
98	Big Data Analysis	MCA415	MCA
99	Compiler Design	MCA416	MCA
100	Advanced Soft Computing	MCA417	MCA
101	Software Quality Assurance & Testing	MCA418	MCA
102	Advanced Mobile Computing	MCA419	MCA
103	Computer Fundamentals	CSH101	B.Sc. (H) CS
104	Programming using C	CSH102	B.Sc. (H) CS

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105	Digital Electronics and Applications	CSH103	B.Sc. (H) CS
106	Industrial Applications	CSH105	B.Sc. (H) CS
110	Operating Systems	CSH205	B.Sc. (H) CS
111	Programming in C++	CSH206	B.Sc. (H) CS
114	RDBMS	CSH301	B.Sc. (H) CS
115	Java Programming	CSH305	B.Sc. (H) CS
116	Software Engineering	CSH306	B.Sc. (H) CS
119	Computer Graphics	CSH402	B.Sc. (H) CS
120	Programming in Python	CSH406	B.Sc. (H) CS
121	Cryptography & Data Security	CSH407	B.Sc. (H) CS
122	Computer Networking	CSH408	B.Sc. (H) CS
123	Python Lab	CSH453	B.Sc. (H) CS
124	Computer Graphics Lab	CSH451	B.Sc. (H) CS
125	Internet Technologies	CSH502	B.Sc. (H) CS
126	GUI .NET Framework	CSH505	B.Sc. (H) CS
127	Data Mining	CSH506	B.Sc. (H) CS
128	Internet Technologies Lab	CSH552	B.Sc. (H) CS
129	GUI .NET Framework Lab	CSH553	B.Sc. (H) CS
130	PHP	CSH605	B.Sc. (H) CS
131	Digital Marketing	CSH606	B.Sc. (H) CS
132	PHP Lab	CSH653	B.Sc. (H) CS

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133	ENTREPRENEURSHIP IN FOOD PROCESSING	MFT 304	M.Sc. Food Technology
134	Seed Production and Technology	BAG852	B.Sc. (Hons.) Agriculture
135	Mushroom Cultivation Technology	BAG853	B.Sc. (Hons.) Agriculture
136	Soil, Plant, Water and Seed Testing	BAG854	B.Sc. (Hons.) Agriculture
137	Commercial Beekeeping	BAG855	B.Sc. (Hons.) Agriculture
138	Poultry Production Technology	BAG856	B.Sc. (Hons.) Agriculture
139	Commercial Horticulture	BAG857	B.Sc. (Hons.) Agriculture
140	Floriculture and Landscaping	BAG858	B.Sc. (Hons.) Agriculture
141	Food Processing	BAG859	B.Sc. (Hons.) Agriculture
142	Agriculture Waste Management	BAG860	B.Sc. (Hons.) Agriculture
143	Commercial Sericulture	BAG862	B.Sc. (Hons.) Agriculture
145	Molecular Biology	BST302	B.Sc. - BIOTECHNOLOGY
146	Bioenergetics and Thermodynamics	BST303	B.Sc. - BIOTECHNOLOGY
147	Biotechnology - ISSUES & Ethical	BST304	B.Sc. - BIOTECHNOLOGY
151	Immunology	BST402	B.Sc. - BIOTECHNOLOGY
152	Enzymology	BST403	B.Sc. - BIOTECHNOLOGY
153	Genetics	BST404	B.Sc. - BIOTECHNOLOGY
154	Animal Physiology	BST405	B.Sc. - BIOTECHNOLOGY
156	Food Technology	BST 604	B.Sc. Biotechnology
157	Frontiers in Biotechnology	BST 605	B.Sc. Biotechnology
160	BIOPROCESS ENGINEERING	MST-301	M.Sc. - BIOTECHNOLOGY

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161	BIOENERGETICS & METABOLISM	MST-302	M.Sc. - BIOTECHNOLO GY
162	GENETICS	MST-303	M.Sc. - BIOTECHNOLO GY
163	TISSUE CULTURE	MST-304	M.Sc. - BIOTECHNOLO GY
164	BIOENTREPRENEURSHIP	MST-305	M.Sc. - BIOTECHNOLO GY
170	FOOD BIOTECHNOLOGY	BBT-301	B. Tech- BIOTECHNOLO GY
171	MICROBIOLOGY	BBT-303	B. Tech- BIOTECHNOLO GY
172	CELL BIOLOGY	BBT-305	B. Tech- BIOTECHNOLO GY
173	METHODS AND INSTRUMENTATION IN BIOTECHNOLOGY I	BBT-306	B. Tech- BIOTECHNOLO GY
174	MICROBIOLOGY LAB	BBT 351	B. Tech- BIOTECHNOLO GY
175	CELL BIOLOGY LAB	BBT-352	B. Tech- BIOTECHNOLO GY
178	ENZYME TECHNOLOGY	BBT-402	B. Tech- BIOTECHNOLO GY
179	IMMUNOLOGY	BBT-403	B. Tech- BIOTECHNOLO GY
180	GENETICS	BBT - 404	B. Tech- BIOTECHNOLO GY
181	BIOINFORMATICS	BBT-405	B. Tech- BIOTECHNOLO GY
182	METHODS AND INSTRUMENTATION IN BIOTECHNOLOGY - II	BBT-406	B. Tech- BIOTECHNOLO GY
186	Structural Biology	BBT-701	B.Tech Biotechnology
187	Bioenterpreneurship	BBT-702	B.Tech Biotechnology
188	Medical Biotechnology	BBT-703	B.Tech Biotechnology
189	Biosensors	BBT-704	B.Tech Biotechnology

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190	Vaccine Technology	BBT-705	B.Tech Biotechnology
191	Biophysics	BBT-706	B.Tech Biotechnology
192	Structural Biology Lab	BBT-751	B.Tech Biotechnology
193	Internal Project	BBT-752	B.Tech Biotechnology
196	Genetic Engineering	BBT502	B.TECH BIOTECH
197	Animal Biotechnology	BBT503	B.TECH BIOTECH
198	Bioprocess Engineering	BBT504	B.TECH BIOTECH
199	Genomics and Proteomics	BBT505	B.TECH BIOTECH
200	Molecular Dynamics & Bioenergetics	BBT506	B.TECH BIOTECH
201	Plant Biotechnology	BBT601	B.TECH BIOTECH
202	Intellectual Property Right, Bioethics and Biosafety	BBT602	B.TECH BIOTECH
203	Bioreactor: Design and Analysis	BBT603	B.TECH BIOTECH
204	Downstream Processing	BBT604	B.TECH BIOTECH
205	Advancements in Applied Biotechnology	BBT605	B.TECH BIOTECH
206	Project Management and Paper Writing	BBT606	B.TECH BIOTECH
209	MOLECULAR BIOLOGY	MST-103	M.Sc. - BIOTECHNOL OGY
210	IMMUNOLOGY	MST-104	M.Sc. - BIOTECHNOL OGY
211	MICROBIAL DIVERSITY AND PHYSIOLOGY LAB	MST-151	M.Sc. - BIOTECHNOL OGY
216	MICROBIOLOGY & INDUSTRIAL APPLICATIONS	MST-202	M.Sc. - BIOTECHNOL OGY
217	GENETIC ENGINEERING	MST-203	M.Sc. - BIOTECHNOL OGY
224	BIOPROCESS ENGINEERING	MST-301	M.Sc. - BIOTECHNOL OGY

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225	BIOENERGETICS & METABOLISM	MST-302	M.Sc. - BIOTECHNOLOGY
226	GENETICS	MST-303	M.Sc. - BIOTECHNOLOGY
227	TISSUE CULTURE	MST-304	M.Sc. - BIOTECHNOLOGY
228	BIOENTREPRENEURSHIP	MST-305	M.Sc. - BIOTECHNOLOGY
234	MICROBIAL PATHOGENICITY	MMB-301	M.Sc. - MICROBIOLOGY
235	PLANT - PATHOGEN INTERACTION	MMB-302	M.Sc. - MICROBIOLOGY
236	MICROBIAL GENETICS	MMB-303	M.Sc. - MICROBIOLOGY
237	BIOINFORMATICS	MMB-304	M.Sc. - MICROBIOLOGY
238	VIROLOGY	MMB-305	M.Sc. - MICROBIOLOGY
239	MICROBIAL PATHOGENICITY LAB	MMB-352	M.Sc. - MICROBIOLOGY
240	INTERNAL PROJECT LAB	MMB-353	M.Sc. - MICROBIOLOGY
241	BIOINFORMATICS LAB	MMB-354	M.Sc. - MICROBIOLOGY
244	DIVERSITY OF PROKARYOTIC AND EUKARYOTIC MICROBES	MMB-101	M.Sc. - MICROBIOLOGY
245	MICROBIAL PHYSIOLOGY AND METABOLISM	MMB-102	M.Sc. - MICROBIOLOGY
246	MOLECULAR BIOLOGY	MMB-103	M.Sc. - MICROBIOLOGY
247	IMMUNOLOGY	MMB-104	M.Sc. - MICROBIOLOGY
253	ENZYME AND TECHNIQUES IN BIOCHEMISTRY	MMB-201	M.Sc. - MICROBIOLOGY
254	MICROBIOLOGY & INDUSTRIAL APPLICATIONS	MMB-202	M.Sc. - MICROBIOLOGY
255	GENETIC ENGINEERING	MMB-203	M.Sc. - MICROBIOLOGY
256	IPR & BIOSAFETY	MMB-204	M.Sc. - MICROBIOLOGY
262	Law of Contract 2	LAW202	LLB


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263	Law of Crime 1 & 2	LAW103, LAW402	LLB
264	Family Law 1 & 2	LAW104, LAW204	LLB
265	Law of Torts including MV Accident & Consumer Protection Laws.	LAW105	LLB
266	Environment Law	LAW203	LLB
267	Company Law	LAW302	LLB
268	Labour Law	LAW303, LAW 404	LLB
269	Practical Training 1st (Professional Ethics and Professional Accounting System)	LAW351	LLB
270	Law of Evidence	LAW401	LLB
271	CPC & Limitation Act	LAW403	LLB
272	Practical Training 2 (Alternative Dispute Resolution)	LAW451	LLB
273	Law of Copyright	LAW506	LLB
274	IT Laws	LAW508	LLB
275	Practical Training 3rd (Drafting Pleading And Conveyancing)	LAW551	LLB
276	Principle of Taxation Laws	LAW601	LLB
277	Land Laws including Ceiling and Other Local Laws	LAW602	LLB
278	RTI	LAW605	LLB
279	Patent Right and Creation and Registration.	LAW606	LLB
280	Law of Trust, Equity and Fiduciary Relation	LAW607	LLB
281	Practical Training 4 (Moot court Practice.)	LAW651	LLB
282	General English and Legal Language	LAW611	LLB
283			


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284	English 1 & 2	LLB101, LLB201	BALLB
285	Law of Contract 1 & 2	LLB104, LLB205	BALLB
286	Family Law 1 & 2	LLB204, LLB304	BALLB
287	Law of Torts including MV Accident & Consumer Protection Laws.	LLB305	BALLB
288	Law of Crime 1 & 2	LLB404, LLB602	BALLB
289	Land Laws including Ceiling and Other Local Laws	LLB505	BALLB
290	CPC & Limitation Act	LLB603	BALLB
291	Practical Training 1st (Drafting Pleading And Conveyancing)	LLB651	BALLB
292	Law of Copyright	LLB702	BALLB
293	Law of Evidence	LLB703	BALLB
294	Company Law	LLB704	BALLB
295	Patent Right and Creation and Registration.	LLB705	BALLB
296	Environment Law	LLB804	BALLB
297	Practical Training 2 (Professional Ethics and Professional Accounting System)	LLB851	BALLB
298	Labour Law	LLB901, LLB1001	BALLB
299	IT Laws	LLB902	BALLB
300	Principle of Taxation Laws	LLB903	BALLB
301	Practical Training 3 (Alternative Dispute Resolution)	LLB951	BALLB
302	Practical Training 4 (Moot court Exercise and Internship)	LLB1051	BALLB
303	Digital Image Processing	BEC-072	B. Tech Electronics and Communication Engineering
304	Mobile and Satellite Communication	MEC-102	M. Tech Electronics and Communication

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			n Engineering
305	Wireless Sensor Network	MEC-114	M.Tech in Electronics and Communication Engineering
306	Wireless Network Security	MEC-217	M.Tech in Electronics and Communication Engineering
307	Multimedia Communication system	MEC-111	M.Tech in Electronics and Communication Engineering
308	Telecommunication and switching network	MEC-113	M.Tech in Electronics and Communication Engineering
309	Advanced Optical fibre communication	MEC-114	M.Tech in Electronics and Communication Engineering
310	RF microwavr and Antenna Theory	MEC 115	M.Tech in Electronics and Communication Engineering
311	GPS and Applications	MEC 116	M.Tech in Electronics and Communication Engineering
312	Optical Communication Network	MEC 117	M.Tech in Electronics and Communication Engineering
313	Advanced Digital Communication	MEC 118	M.Tech in Electronics and Communication Engineering
314	Parallel Processing	MEC 211	M.Tech in Electronics and Communication Engineering
315	Microwave Theory	MEC 112	M.Tech in Electronics and Communication Engineering
316	Digital Speech and Image processing	MEC 113	M.Tech in Electronics and Communication Engineering
317	Neural Networks and Fuzzy logic	MEC 115	M.Tech in Electronics and Communication Engineering
318	Industrial Electronics	MEC 116	M.Tech in Electronics and

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			Communicatio n Engineering
319	Advanced antenna and wave propagation	MEC 114	M.Tech in Electronics and Communicatio n Engineering
320	Wireless network Security	MEC 117	M.Tech in Electronics and Communicatio n Engineering
321	Advanced Communication Network	MEC 118	M.Tech in Electronics and Communicatio n Engineering
322	Detection and Estimation Theory	MEC 311	M.Tech in Electronics and Communicatio n Engineering
323	Neural and Microprocessor and Embedded system	MEC 312	M.Tech in Electronics and Communicatio n Engineering
324	RM MEMS wireless communication	MEC 313	M.Tech in Electronics and Communicatio n Engineering
325	Cryptography and Network Security	MEC 314	M.Tech in Electronics and Communicatio n Engineering
326	Advanced Digital Signal Processing	MEC 101	M.Tech in Electronics and Communicatio n Engineering
327	Mobile and satellite Communication	MEC-102	M.Tech in Electronics and Communicatio n Engineering
328	Wireless Communication	MEC 201	M.Tech in Electronics and Communicatio n Engineering
329	CDMA Technology	MEC 202	M.Tech in Electronics and Communicatio n Engineering
330	Reliability of Electronics & Communication Systems	MEC 301	M.Tech in Electronics and Communicatio n Engineering
331	Antenna & Wave	BEC-501	B.Tech in Electronics and Communicatio n Engineering
332	Principles of Communication	BEC 502	B.Tech in Electronics and

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			Communicatio n Engineering
333	Fundamentals of Power Electronics	BEC 503	B.Tech in Electronics and Communicatio n Engineering
334	Microprocessors	BEC 504	B.Tech in Electronics and Communicatio n Engineering
335	Introduction to Radar system	BEC-082	B.Tech ECE
336	Quality Management	BOE-072	B.Tech ECE
337	Satellite communication	BEC-071	B.Tech ECE
338	Antenna and wave propagation	BEC-052	B.Tech ECE
339	Engineering and Managerial economics	BHU-501	B.Tech ECE
340	Industrial Mngement	BHU-601	B.Tech in Electronics and Communicatio n Engineering
341	Digital Signal Processing	BEC -602	B.Tech in Electronics and Communicatio n Engineering
342	Integrated Circuits	BEC 603	B.Tech in Electronics and Communicatio n Engineering
343	Microwave Engg.	BEC 604	B.Tech in Electronics and Communicatio n Engineering
344	Data Communication	BEC 702	B.Tech in Electronics and Communicatio n Engineering
345	VLSI Design	BEC 703	B.Tech in Electronics and Communicatio n Engineering
346	Nonlinear Dynamic Systems	BOE-073	B.Tech in Electronics and Communicatio n Engineering
347	Reliability of Electronics Systems	BOE-082	B.Tech in Electronics and Communicatio n Engineering

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348	Automation & Robotics	BOE-083	B.Tech in Electronics and Communication Engineering
349	Digital System Design using VHDL	BEC-081	B.Tech in Electronics and Communication Engineering
350	Speech Processing	BEC-082	B.Tech in Electronics and Communication Engineering
351	Electronics Switching	BEC-802	B.Tech in Electronics and Communication Engineering
352	Wireless & Mobile Communication	BEC-801	B.Tech in Electronics and Communication Engineering
353	Engineering and Managerial Economics	BHU-501	B.Tech in Electronics and Communication Engineering
354	Control Systems -I	BIC-501	B.Tech in Electronics and Communication Engineering
355	Principles of Communication	BEC-502	B.Tech in Electronics and Communication Engineering
356	Microprocessors	BEC-504	B.Tech in Electronics and Communication Engineering
366	Practical and Industrial Training presentation	BEE -754	B.Tech in Electrical and Electronics Engineering
374	Advanced Microprocessor and Microcontroller	BEE 022	B.Tech in Electrical, Electrical and Electronics Engineering
375	Neural Networks and Fuzzy system	BEE 023	B.Tech in Electrical, Electrical and Electronics Engineering
376	EHV AC DC Transmission	BEE 031	B.Tech in Electrical, Electrical and Electronics Engineering

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377	Power station practice	BEE 032	B.Tech in Electrical, Electrical and Electronics Engineering
378	Bio Instrumentation	BEN 041	B.Tech in Electrical, Electrical and Electronics Engineering
379	Advanced Control system	BEN 042	B.Tech in Electrical, Electrical and Electronics Engineering
380	Realiability Engineering	BEE 043	B.Tech in Electrical, Electrical and Electronics Engineering
381	Energy Efficiency and Conversion	BEE 044	B.Tech in Electrical, Electrical and Electronics Engineering
382	Power Quality	BEE 051	B.Tech in Electrical, Electrical and Electronics Engineering
383	SCADA and Energy Management System	BEE 052	B.Tech in Electrical, Electrical and Electronics Engineering
384	Power converter Application	BEE 053	B.Tech in Electrical, Electrical and Electronics Engineering
385	Entreneur ship Development/Introduction to Biotechnology	BOE 071	B.Tech in Electrical, Electrical and Electronics Engineering
386	Operation Research	BOE 073	B.Tech in Electrical, Electrical and Electronics Engineering
387	Product Development	BOE 083	B.Tech in Electrical, Electrical and Electronics Engineering

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388	Non Linear Dynamic system	BOE 082	B.Tech in Electrical, Electrical and Electronics Engineering
389	Non Conventional Energy Sources	BOE 081	B.Tech in Electrical, Electrical and Electronics Engineering
390	Automation and Robotics	BOE 084	B.Tech in Electrical, Electrical and Electronics Engineering
391	Engineering and Managerial economics	BHU 501	B.Tech in Electrical, Electrical and Electronics Engineering
392	High Voltage Engineering	BEE 603	B.Tech in Electrical, Electrical and Electronics Engineering
393	Power Electronics	BEE 602	B.Tech in Electrical, Electrical and Electronics Engineering
394	Power system Analysis	BEE 601	B.Tech in Electrical, Electrical and Electronics Engineering
395	Element Power system	BEE 503	B.Tech in Electrical, Electrical and Electronics Engineering
396	Control Systems	BEE 502	B.Tech in Electrical, Electrical and Electronics Engineering
397	Electromechanical Energy Conversion-I (EE and EEE)/ Electromechanical energy conversion II	BEE 501	B.Tech in Electrical, Electrical and Electronics Engineering
398	Fundamental of EM Theory	BEC 508	B.Tech in Electrical, Electrical and Electronics Engineering


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399	Electrical Measurement and Measuring Instruments(EE & EEE)/Electronics Measurements and Instrumentation (EC)	BEE-302/BE C-303	B.Tech in Electrical, Electrical and Electronics Engineering
400	Electromagnetic Field Theory	BEC-304	B.Tech in Electrical, Electrical and Electronics Engineering
401	Impact of Technology, Human Values and Ethics	BHU-501	B. Tech Mechanical Engineering
402	Fracture Mechanics	BOE 603	B. Tech Mechanical Engineering
403	Project-1	BME-552	B. Tech Mechanical Engineering
404	Manufacturing Process	BME 201	B.Tech Mechanical Engineering
405	Engineering Mechanics	BME 302	B.Tech Mechanical Engineering
406	Thermodynamics	BME 301	B.Tech Mechanical Engineering
407	Material Science	BAS 321	B.Tech Mechanical Engineering
408	Strength of Materials	BME 304	B.Tech Mechanical Engineering
409	Fluid Mechanics	BME 303	B.Tech Mechanical Engineering
410	Applied Thermodynamics	BME 401	B.Tech Mechanical Engineering
411	Manufacturing Process	BME 503	B.Tech Mechanical Engineering
412	Measurement and Metrology	BME 403	B.Tech Mechanical Engineering
413	Refrigeration and Air-Conditioning	BME 021	B.Tech Mechanical Engineering
414	Design of Machine	BME 601	B.Tech Mechanical Engineering

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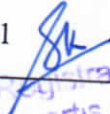
415	Additive Manufacturing Technology	BOE 602	B.Tech Mechanical Engineering
416	Kinematics and Theory of Machines	BME 501	B.Tech Mechanical Engineering
417	Process Planning and Cost Estimation	BME 033	B.Tech Mechanical Engineering
418	Heat Transfer	BME 504	B.Tech Mechanical Engineering
419	Internal Combustion Engine	BME 011	B.Tech Mechanical Engineering
420	Advanced Welding Technology	BME 022	B.Tech Mechanical Engineering
421	Fluid Machines	BME 402	B.Tech Mechanical Engineering
422	Automation in Manufacturing	BME 701	B.Tech Mechanical Engineering
423	Automobile Engineering	BME 034	B.Tech Mechanical Engineering
424	Operation Research	BOE 072	B.Tech Mechanical Engineering
425	Entrepreneur ship Development	BOE 071	B.Tech Mechanical Engineering
426	Total Quality Management	BME 043	B.Tech Mechanical Engineering
427	Advanced Dynamics of Machinery	BME 062	B.Tech Mechanical Engineering
428	Management Information System	BME 053	B.Tech Mechanical Engineering
429	Gas Dynamics and Jet Propulsion	BME 032	B.Tech Mechanical Engineering
430	Mechanical System Design	BME 052	B.Tech Mechanical Engineering
431	Concurrent Engineering	BME 063	B.Tech Mechanical Engineering
32	Non Conventional Energy Sources	BOE 081	B.Tech Mechanical Engineering
33	Product Development	BOE 082	B.Tech Mechanical Engineering

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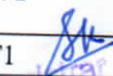
434	Maintenance Engineering & Management	BME 051	B.Tech Mechanical Engineering
435	Design of Transmission Systems	BME 042	B.Tech Mechanical Engineering
436	Finite Element Method	BME 031	B.Tech Mechanical Engineering
437	Non-Destructive Testing	BOE 084	B.Tech Mechanical Engineering
438	Advanced Material Technology	BOE 083	B.Tech Mechanical Engineering
439	Production & Operations Management	BME 041	B.Tech Mechanical Engineering
440	Energy Conversion and Management	BME 044	B.Tech Mechanical Engineering
441	Power Plant Engineering	BME 061	B.Tech Mechanical Engineering
442	Science Elective/Mathematics -III	BAS 401	B.Tech Mechanical Engineering
443	Mechanical Vibrations	BME 023	B.Tech Mechanical Engineering
444	Reliability Engineering	BME 013	B.Tech Mechanical Engineering
445	Constitution of India	BMC 003	B.Tech Mechanical Engineering
446	Environmental Science	BMC 001	B.Tech Mechanical Engineering
447	Mechanical Engineering Aptitude	BAS 322/BHU 322	B.Tech Mechanical Engineering
448	Mechanical Engineering Reasoning	BHU-422	B.Tech Mechanical Engineering
449	English	HAS-201	B.Tech Mechanical Engineering
150	Project II	BME-652	B.Tech Mechanical Engineering
51	Project IV	BME-851	B.Tech Mechanical Engineering
52	Project III	BME 751	B.Tech Mechanical Engineering

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453	Entrepreneurship	BCM271	B.Com (Hons.)
454	Professional Skills Enhancement	BCM481	B.Com (Hons.)
455	Professional Skills Enhancement	BCR441	B.Com
456	Digital Marketing	BCR322	B.Com
457	Professional Skills Enhancement	BCR441	B.Com
458	Managerial Communication Skill	MBA106	MBA
459	Managerial Communication Lab	MBA152	MBA
460	Analytical Ability & Professional Communication	MBA208	MBA
461	R Lab	MBA251	MBA
462	Written Analysis & Communication Lab	MBA252	MBA
463	Event Management	MBA302	MBA
464	Entrepreneurial Development & Innovation	MBA303	MBA
465	Personal Selling Lab	MBA319	MBA
466	Business Analytics	MBA419	MBA
467	HR Analytics	MBA424	MBA
468	Big Data Analytics	MBA436	MBA
469	Retail Analytics	MBA444	MBA
470	EDUCATIONAL ENTERPRENUERSHIP	BED806	B.Sc.B.Ed.
471	EDUCATIONAL ENTERPRENUERSHIP	BED806	B.A.B.Ed.
472	School Internship (16 weeks including 2 week School and Community Awareness Program)	BED771	B.Sc.B.Ed.
473	School Internship (16 weeks including 2 week School and Community Awareness Program)	BED771	B.A.B.Ed.


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474	School Internship (16 weeks including 2 week School and Community Awareness Program)	BELED 771	B.El.Ed.
475	Scout & Guide Camp /Drama & Arts and Music Activities and Academic Enrichment Activities	BELED 261	B.El.Ed.
476	HEALTH EDUCATION AND YOGA	BELED302	B.El.Ed.
477	ICT and Education	BELED303	B.El.Ed.
478	Environmental Studies	BELED305	B.El.Ed.
479	Yoga & Meditation / Self – Development workshop Activities	BELED361	B.El.Ed.
480	School Internship (School Observation) I	BELED471	B.El.Ed.
481	Fundamentals of Computer	BELED603	B.El.Ed.
482	Simulation Teaching 10 Plans Development and Use Teaching aid and Learning Material	BELED661	B.El.Ed.
483	School Internship II	BELED671	B.El.Ed.
484	School Internship III (16 Week)	BELED771	B.El.Ed.
485	Preparation and Presentation by ICT	BELED761	B.El.Ed.
486	(Scout & guide Camp/ NCC/NSS)	BED251	B.A.B.Ed./ B.Sc.B.Ed.
487	(Cultural Activities, Sports and Yoga)	BED351	B.A.B.Ed./ B.Sc.B.Ed.
488	School Internship - I: For School Observation (Two week)	BED471	B.A.B.Ed./ B.Sc.B.Ed.
489	ICT in Education- II	BED506	B.A.B.Ed./ B.Sc.B.Ed.
490	Open Educational Resources	BED606	B.A.B.Ed./ B.Sc.B.Ed.
491	(Workshop On Preparation for Teaching, Simulation and Practice Teaching)	BED651	B.A.B.Ed./ B.Sc.B.Ed.
492	School Internship – II: For Practice Teaching (Two week)	BED671	B.A.B.Ed./ B.Sc.B.Ed.
493	EPC - III: Preparations and Presentation Through ICT	BED761	B.A.B.Ed./ B.Sc.B.Ed.
494	School Internship - III (16 Weeks Including Two Week School and Community Awareness Programme)	BED771	B.A.B.Ed./ B.Sc.B.Ed.
495	Introduction to IOT Foundation	IHOT1	B.TECH. (AI)


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496	Computing Systems Lab	BCSAI 104	B.TECH. (AI)
497	Communications-I Lab	ENG 113	B.TECH. (AI)
498	Statistical Learning	BCSAI 202	B.TECH. (AI)
499	Design Thinking	BCSAI 203	B.TECH. (AI)
500	Operating System-Building Blocks	BCSAI 204	B.TECH. (AI)
501	Cloud Computing	BCSAI 305	B.TECH. (AI)
502	Introduction to IOT Foundation	I IOT13	B.TECH. (AI)
503	Robotic Operating Systems & Robot Simulation	BCSAI 402	B.TECH. (AI)
504	AI and Intelligent Agents	BCSAI 405	B.TECH. (AI)
505	Communication and Standard Interfaces	I IOT2	B.TECH. (AI)
506	Robotic Operating Systems & Robot Simulation (Lab)	BCSAI 407	B.TECH. (AI)
507	Online Social Network Analysis Lab	BCSAI 408	B.TECH. (AI)
508	Shell Scripting Lab	BCSAI 409	B.TECH. (AI)
509	Prolog Programming	BCSAI 502	B.TECH. (AI)
510	Data Mining & ML	BCSAI 504	B.TECH. (AI)
511	Smart Industrial	I IOT3	B.TECH. (AI)
512	Connectivity		B.TECH. (AI)
513	Data Mining & ML using Python Lab	BCSAI 509	B.TECH. (AI)
514	Prolog Programming Lab	BCSAI 511	B.TECH. (AI)
515	Anandam -I	BCSAI 512	B.TECH. (AI)
516	Big Data Analytics	BCSAI 601	B.TECH. (AI)
517	Advanced Machine Learning	BCSAI 603	B.TECH. (AI)
518	Natural Language Processing	BCSAI 604	B.TECH. (AI)
519	Graphical Model	BCSAI 605	B.TECH. (AI)
520	Data Analytics for IIOT	I IOT4	B.TECH. (AI)
521	Computer Aided Graphics & Drafting (Lab)	BCSAI 610	B.TECH. (AI)
522	Business & Technical Communication (Lab)	BCSAI 611	B.TECH. (AI)

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523	Anandam-II(Happiness Curriculum)	BCSAI 612	B.TECH. (AI)
524	Fuzzy Logic & Application	BCSAI 701	B.TECH. (AI)
525	Supervised & Unsupervised Learning	BCSAI 702	B.TECH. (AI)
526	Online Machine Learning	BCSAI 703	B.TECH. (AI)
527	R Programming	BCSAI 704	B.TECH. (AI)
528	Project Formulation and Appraisal	MGT 103	B.TECH. (AI)
529	Machine Learning for IIOT	IIOT5	B.TECH. (AI)
530	Fuzzy Logic & Application Lab	BCSAI 705	B.TECH. (AI)
531	Mini Project	BCSAI 706	B.TECH. (AI)
532	Campus Recruitment Training	BCSAI 707	B.TECH. (AI)
533	Anandam-III (Happiness Curriculum)	BCSAI 708	B.TECH. (AI)
534	Industrial Training/Internship	BCSAI 801	B.TECH. (AI)
535	Artificial Intelligence for IIOT	IIOT6	B.TECH. (AI)
536	Introduction to IOT Foundation	IIOT1	B.TECH. (Cloud Computing)
537	Workshop practice	BME101	B.TECH. (Cloud Computing)
538	IT Workshop	BCSI103	B.TECH. (Cloud Computing)
539	Soft Sills and Self Awareness	ENG 113	B.TECH. (Cloud Computing)
540	Design Thinking	BCSI201	B.TECH. (Cloud Computing)
541	Web Designing	BCSI202	B.TECH. (Cloud Computing)
542	Communication and Standard Interfaces	IIOT2	B.TECH. (Cloud Computing)
543	Communication Techniques lab	ENG107	B.TECH. (Cloud Computing)
544	Web Designing lab	BCSI203	B.TECH. (Cloud Computing)
545	Soft Skills and Communication	ENG114	B.TECH. (Cloud Computing)
546	Extra-curricular Activity (NSS/NCC/Scouting/ Club Activity)	SEP200	B.TECH. (Cloud Computing)
547	Introduction to IOT Foundation	IIOT13	B.TECH. (Cloud Computing)
548	Communication Skills	BCSI306	B.TECH. (Cloud Computing)

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549	Data Structures using C Lab	BCSI307	B.TECH. (Cloud Computing)
550	Object Oriented Programming with Java Lab	BCSI308	B.TECH. (Cloud Computing)
551	Database Management Systems Lab	BCSI309	B.TECH. (Cloud Computing)
552	Summer Project Seminar-I	BCSI310	B.TECH. (Cloud Computing)
553	Computer Organization and Architecture	BCSI403	B.TECH. (Cloud Computing)
554	Computer Networks	BCSI404	B.TECH. (Cloud Computing)
555	Storage and Datacenter	BCSICT40 2	B.TECH. (Cloud Computing)
556	Communication and Standard Interfaces	IIoT2	B.TECH. (Cloud Computing)
557	Design and Analysis of Algorithms Lab	BCSI405	B.TECH. (Cloud Computing)
558	Employability Skills	BCSI406	B.TECH. (Cloud Computing)
559	Storage and Datacenter Lab	BCSICT40 3	B.TECH. (Cloud Computing)
560	Principles of Virtualization	BCSICT50 3	B.TECH. (Cloud Computing)
561	Smart Industrial	IIoT3	B.TECH. (Cloud Computing)
562	Connectivity		B.TECH. (Cloud Computing)
563	Network Security Lab	BCSICT50 8	B.TECH. (Cloud Computing)
564	Principle of Virtualization Lab	BCSICT50 9	B.TECH. (Cloud Computing)
565	Summer Project Seminar-II	BCSI502	B.TECH. (Cloud Computing)
566	Artificial Intelligence	BCSI601	B.TECH. (Cloud Computing)
567	Linux Administration	BCSICT60 1	B.TECH. (Cloud Computing)
568	Ethical Hacking	BCSICT60 2	B.TECH. (Cloud Computing)
569			B.TECH. (Cloud Computing)
570	Incident Response Management	BCSICT60 8	B.TECH. (Cloud Computing)
571			B.TECH. (Cloud Computing)
572	Open Elective-I		B.TECH. (Cloud Computing)
573	Data Analytics for IIOT	IIoT4	B.TECH. (Cloud Computing)

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574	Exploring Software as a Service (SaaS) Lab	BCSICT61 2	B.TECH. (Cloud Computing)
575	Linux administration Lab	BCSICT61 5	B.TECH. (Cloud Computing)
576	Ethical Hacking Lab	BCSICT61 6	B.TECH. (Cloud Computing)
577	Project-I	BCSICT61 7	B.TECH. (Cloud Computing)
578	Machine Learning for IIOT	IIOT05	B.TECH. (Cloud Computing)
579	Artificial Intelligence for IIOT	IIOT06	B.TECH. (Cloud Computing)
580	Client Side Scripting	BCAI105	BCA AI
581	Office Automation Lab	BCAI106	BCA AI
582	Client Side Scripting Lab	BCAI108	BCA AI
583	Linux Shell Scripting	BCAI202	BCA AI
584	Personality Development	BCAI210	BCA AI
585	Python Programming	BCAI401	BCA AI
586	Python Programming Lab	BCAI402	BCA AI
587	Business communication and Presentation Skills	BCAI304	BCA AI
588	Summer Project Seminar I	BCAI305	BCA AI
589	Introduction to RPA Tools	BCAIAI401	BCA AI
590	Introduction to Artificial Intelligence	BCAIAI402	BCA AI
591	Sensor Technology	BCAIAI403	BCA AI
592	Introduction to Artificial Intelligence Lab	BCAIAI407	BCA AI
593	Introduction to RPA Tools Lab	BCAIAI408	BCA AI
594	Logical Reasoning and Thinking	BCAI403	BCA AI
595	Six Sigma and Lean Methods	BCAIAI501	BCA AI
596	Digital Image Processing	BCAIAI502	BCA AI
597	Working Towards Placements	BCAI502	BCA AI
598	Summer Project Seminar II	BCAI503	BCA AI
599	Major Project / Internship	BCAI60	BCA AI
600	Information Security	BCAICT301	BCA CTIS
601	Principles of Virtualization	BCAICT302	BCA CTIS
602	Cloud Computing	BCAICT303	BCA CTIS

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603	Principles of Virtualization Lab	BCAICT306	BCA CTIS
604	Storage and Datacenter	BCAICT401	BCA CTIS
605	Cloud Web services	BCAICT402	BCA CTIS
606	Ethical Hacking	BCAICT403	BCA CTIS
607	Ethical Hacking Lab	BCAICT406	BCA CTIS
608	Cloud Web Services Lab	BCAICT407	BCA CTIS
609	Digital Forensics and Investigation	BCAICT501	BCA CTIS
610	Cloud Migration	BCAICT502	BCA CTIS
611	Digital Forensics and Investigation lab	BCAICT511	BCA CTIS
612	Data Visualization	BCAIAI303	BCA AI
613	Business Intelligence	BCAIAI304	BCA AI
614	Introduction to Data Science	BCAIAI405	BCA AI
615	Pattern Recognition	BCAIAI406	BCA AI
616	Test Automation using Selenium	BCAIAI503	BCA AI
617	Software Testing	BCAIAI504	BCA AI
618	Introduction to web Services	BCAIAI505	BCA AI
619	Digital Signal Processing	BCAIAI506	BCA AI
620	Embedded Systems	BCAIAI507	BCA AI
621	Design Thinking	BCAIAI508	BCA AI
622	Introduction to IoT	BCAIAI509	BCA AI
623	Cloud Computing	BCAIAI510	BCA AI
624	Test Automation using Selenium Lab	BCAIAI512	BCA AI
625	Software Testing Lab	BCAIAI513	BCA AI
626	Server Administration	BCAICT 304	BCA CTIS
627	Linux Administration	BCAICT 305	BCA CTIS
628	Network Security	BCAICT404	BCA CTIS
629	Database security fundamentals	BCAICT405	BCA CTIS
630	PowerShell Scripting	BCAICT503	BCA CTIS
631	Infrastructure Automation	BCAICT504	BCA CTIS
632	Cloud Security	BCAICT505	BCA CTIS

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633	Application and Web Security	BCAICT506	BCA CTIS
634	IT Governance, Risk, & Information Security Management	BCAICT507	BCA CTIS
635	Infrastructure Solutions on Cloud	BCAICT508	BCA CTIS
636	PowerShell Scripting Lab	BCAICT512	BCA CTIS
637	Infrastructure Automation Lab	BCAICT513	BCA CTIS


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