

3.1

Number of courses in all programmes during the year



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List of courses in all Programmes

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3.1 List of courses offered across all programs during the year 2022-23

Program code	Program name	Course code	Course name	Year of offering the course
12001	PhD (Chemical Science)	77360	Advanced Organic Chemistry	2016-17
		77372	Laboratory Practices & Safety	2016-17
		77390	Research Methodology	2016-17
207	MSc Chemistry	CHL401-18	Inorganic Chemistry-I	2018-19
		CHL402-18	Reactive Intermediates-I	2018-19
		CHL403-18	Physical Chemistry-I	2018-19
		CHL404-18	Spectroscopy - I	2018-19
		CHL405-18	Environmental Chemistry	2018-19
		CHL-406A-18	Human Physiology	2018-19
		CHL-406B-18	Numerical Methods for chemists	2018-19
		CHP407-18	Inorganic Chemistry Lab	2018-19
		CHP408-18	Organic Synthesis Lab	2018-19
		CHL411-18	Inorganic Chemistry-II	2018-19
		CHL412-18	Reactive Intermediates-II	2018-19
		CHL413-18	Physical Chemistry-II	2018-19
		CHL414-18	Spectroscopy - II	2018-19
		CHL415A-18	Chemistry of Materials	2018-19
		CHL415B-18	Chemical Biology	2018-19
		CHP416-18	Physical Chemistry Lab	2018-19
		CHP417-18	Advanced Chemistry Lab-I	2018-19
		CHL501-18	Inorganic Chemistry-III	2018-19
		CHL502-18	Advanced Organic Chemistry -I	2018-19
		CHL503-18	Physical Chemistry-III	2018-19
		CHL504-18	Advanced Characterization Techniques	2018-19
		CHL505A-18	Biophysical chemistry	2018-19
		CHL505B-18	Medicinal Chemistry	2018-19
		CHL505C-18	Advanced Functional Materials	2018-19
		CHP506-18	Advanced Chemistry Lab-II	2018-19
		CHP507-18	Dissertation**	2018-19
		CHL511-18	Advanced Organic Chemistry- II	2018-19
		CHL512A-18	Advanced physical Chemistry	2018-19
		CHL512B-18	Chemical Toxicology	2018-19
		CHL512C-18	Supramolecular Chemistry	2018-19
		CHL512D-18	Chemistry of Natural Products	2018-19
		CHL512E-18	Green Chemistry	2018-19
		CHL512F-18	Computational Chemistry	2018-19
		CHP513-18	Research Seminar	2018-19
		CHP514-18	Dissertation**	2018-19
511	BSc Hons Chemistry	BHCL101-19	Inorganic Chemistry-I	2019-20
		BHCL102-19	Organic Chemistry-I	2019-20
		UC-BSHP-112-19	Electricity and Magnetism	2019-20
		UC-BSHM-104-19	Maths-I (Calculus-I)	2019-20
		BHHL105-19	Communicative English-I	2019-20
		BHHL106A-19	Punjabi Compulsory-I	2019-20
		BHHL106B-19	Mudhli Punjabi-I	2019-20
		BHCP107-19	Inorganic Chemistry Lab-I	2019-20
		BHCP108-19	Organic Chemistry Lab-I	2019-20

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UC-BSHP-113-19	Physics Lab-I	2019-20
BHCL111-19	Inorganic Chemistry-II	2019-20
BHCL112-19	Physical Chemistry-I	2019-20
UC-BSHP-124-19	Waves and Vibrations	2019-20
UC-BSHM-204-19	Vector Algebra & Vector Analysis	2019-20
BHHL115-19	Communicative English-II	2019-20
BHHL116A-19	Punjabi Compulsory-II	2019-20
BHHL116B-19	Mudhli Punjabi-II	2019-20
BHCP117-19	Inorganic Chemistry Lab-II	2019-20
BHCP118-19	Physical Chemistry Lab-I	2019-20
UC-BSHP-125-19	Physics Lab-II	2019-20
BHCL201-19	Organic Chemistry-II (Chemistry of Functional Groups- II)	2019-20
BHCL202-19	Physical Chemistry-II (Chemical Thermodynamics)	2019-20
BHCL203-19	Spectroscopy	2019-20
UC-BSHP-214-19	Physics-III (Elements of Modern Physics)	2019-20
BHCL205-19	Environmental Science	2019-20
BHCP206-19	Organic Chemistry Lab-II (Functional group Transformations and their Identifications)	2019-20
BHCP207-19	Physical Chemistry Lab-II	2019-20
UC-BSHP-215-19	Physics Lab-III (Elements of modern physics lab)	2019-20
BHCL211-19	Inorganic Chemistry-III (Crystal field theory and transition elements)	2019-20
BHCL212-19	Physical Chemistry-III (Phase Equilibria and Chemical Kinetics)	2019-20
UC-BSHM-408-19	Maths-III (Matrices & Ordinary differential equations)	2019-20
BHCL216-19	Basic Analytical Chemistry	2019-20
BHCP217-19	Inorganic Chemistry Lab-III	2019-20
BHCP218-19	Physical Chemistry Lab-III	2019-20
BHCP219-19	Basic Analytical Chemistry Lab	2019-20
BHCL213-19	Green Chemistry	2019-20
BHCL214-19	Polymer Chemistry	2019-20
BHCL301-19	Inorganic Chemistry-IV (Organometallic Chemistry)	2019-20
BHCL302-19	Organic Chemistry-III (Heterocyclic Chemistry)	2019-20
BHCL303-19	Quantum Chemistry	2019-20
BHCL306-19	Ligand Field Theory	2019-20
BHCP307-19	Inorganic Chemistry Lab-IV	2019-20
BHCP308-19	Organic Chemistry Lab-III	2019-20
BHCL304-19	Analytical Clinical Biochemistry	2019-20
BHCL305-19	Industrial Chemicals and Environment	2019-20
BHCL311-19	Organic Chemistry-IV (Natural Products and Biochemistry)	2019-20
BHCL312-19	Physical Chemistry-IV (Electrochemistry)	2019-20
BHCP318-19	Organic Chemistry Lab-IV	2019-20

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25001	PhD Environmental Science	BHCP319-19	Physical Chemistry Lab-IV	2019-20
		BHCL313-19	Catalysis	2019-20
		BHCL314-19	Analytical Methods in Chemistry	2019-20
		BHCL315-19	Nanochemistry	2019-20
		BHCL316-19	Molecular Modelling and Drug Design	2019-20
		PHAS - 901	Research Methodology	2019-20
		RPE	Research and Publication Ethics	2019-21
			Recent Advances in Environmental Science	2019-22
			Soil and Environment	2019-23
			Disaster Management	2019-24
	MSc Environmental Science	ESL964	Laboratory Practice and Safety	2019-25
		MEVS101	Fundamentals of Environment Science	2022-23
		MEVS102	Ecology and Ecosystem Dynamics	2022-23
		MEVS103	Earth Processes and Natural Hazards	2022-23
		MEVS104	Energy and Environment	2022-23
		MEVS105	Biodiversity Conservation and Natural resource Management	2022-23
		MEVS106	Agriculture and Sustainability	2022-23
		MEVS107	Lab Course -I (Ecology and Ecosystem Dynamics)	2022-23
		MEVS108	Lab Course-II (Biodiversity Conservation and Natural resource Management)	2022-23
		MEVS201	Environment Monitoring and Pollution control	2022-23
		MEVS202	Solid and Hazardous Waste Management	2022-23
		MEVS 203	Environment Chemistry and Toxicology	2022-23
		MEVS204	Analytical Techniques and Instrumentation	2022-23
		MEVS501	Aquatic Environment	2022-23
		MEVS502	Laboratory Safety	2022-23
		MEVS P 205	Lab Course-I (Environment Chemistry & Toxicology and Environment Monitoring and Pollution control)	2022-23
		MEVS 206	Lab Course-II (Analytical Techniques & Instrumentation)	2022-23
		MEVS 207	*Industrial Visit/ Field Trip	2022-23
		MEVS301	Climatology and Meteorology	2022-23


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MEVS 302	Environment Management Plan: EIA and Auditing	2022-23
MEVS 303	Remote Sensing and GIS	2022-23
MEVS 304	Hydrology and Water Resources	2022-23
MEVS503	Environment Toxicology and Bioremediation	2022-23
MEVS504	Natural Disaster Management	2022-23
MEVS305	Lab Course-I (EIA and Auditing)	2022-23
MEVS306	Dissertation and Seminar	2022-23
MEVS 401	Environment Laws, Ethics and policies	2022-23
MEVS505	Environment Biotechnology	2022-23
MEVS506	Watershed management	2022-23
MEVS402	Dissertation	2022-23

Year	2022-23
Number of courses having focus on employability	126
Number of courses in all programmes	126
Percentage per year	100


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Department of Physical Sciences

3.1 List of courses offered across all programs during 2022-23

Program Code	Program Name	Course Code	Course Name	Year of offering the course
	B.Sc. (Hons) Physics	BSHP-221-21	Mathematical Physics-II	2022
	B.Sc. (Hons) Physics	BSHP-221-21	Thermal Physics	2022
	B.Sc. (Hons) Physics	BSHP-223-21	Physics Lab-V	2022
	B.Sc. (Hons) Physics	BSHP-224-21	Digital Electronics	2022
	B.Sc. (Hons) Physics	BSHP-225-21	Physics Lab-VI	2022
	B.Sc. (Hons) Physics	BSHM-408-21	Matrices & Ordinary Differential Equations	2022
	B.Sc. (Hons) Physics	EVS-101A	Environmental Studies	2022
	B.Sc. (Hons) Physics	BSHP-226-21	Electrical Circuits and Network Skills	2022
	B.Sc. (Hons) Physics	BSHP-227-21	Basic Instrumentation Skills	2022
	B.Sc. (Hons) Physics	BSHP-228-21	Scientific Word Processing	2022
	B.Sc. (Hons) Physics	BSHP-311-21	Quantum Mechanics	2022
	B.Sc. (Hons) Physics	BSHP-312-21	Solid State Physics	2022
	B.Sc. (Hons) Physics	BSHP-313-21	Physics Lab-VII	2022
	B.Sc. (Hons) Physics	BSHP-314-21	Computational Physics Lab-I	2022
	B.Sc. (Hons) Physics	BSHP-315-21	Department Specific Elective (DSE)-1	2022
	B.Sc. (Hons) Physics	BSHP-316-21		2022
	B.Sc. (Hons) Physics	BSHP-317-21	Department Specific Elective (DSE)-2	2022
	B.Sc. (Hons) Physics	BSHP-318-21		2022
	B.Sc. (Hons) Physics	BSHP-319-21		2022
	B.Sc. (Hons) Physics	BSHP-315-21	Atomic and Molecular Physics	2022
	B.Sc. (Hons) Physics	BSHP-316-21	Nuclear Physics	2022
	B.Sc. (Hons) Physics	BSHP-317-21	Dissertation	2022
	B.Sc. (Hons) Physics	BSHP-318-21	Communication Electronics	2022
	B.Sc. (Hons) Physics	BSHP-319-21	Renewable Energy and Energy Harvesting	2022
	B.Sc. (Hons) Physics	BSHP-321-21	Electromagnetic Theory	2022
	B.Sc. (Hons) Physics	BSHP-322-21	Statistical Mechanics	2022
	B.Sc. (Hons) Physics	BSHP-323-21	Physics Lab -VIII	2022
	B.Sc. (Hons) Physics	BSHP-324-21	Department Specific Elective (DSE)-3	2022
	B.Sc. (Hons) Physics	BSHP-325-21		2022
	B.Sc. (Hons) Physics	BSHP-326-21	Department Specific Elective (DSE)-4	2022
	B.Sc. (Hons) Physics	BSHP-327-21		2022
	B.Sc. (Hons) Physics	BSHP-328-21		2022
	B.Sc. (Hons) Physics	BSHP-324-21		2022
	B.Sc. (Hons) Physics	BSHP-325-21	Particle Physics	2022
	B.Sc. (Hons) Physics	BSHP-325-21	Advanced Mathematical Physics	2022
	B.Sc. (Hons) Physics	BSHP-326-21	Advanced Condensed Matter Physics	2022
	B.Sc. (Hons) Physics	BSHP-327-21	Experimental Techniques	2022
	B.Sc. (Hons) Physics	BSHP-328-21	Radiation Safety	2022
	PHD	PHS909	Advanced Nuclear Physics	2022

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3.1 List of courses offered across all programs during the Year 2022-23

Department of Mathematical Sciences

Program code	Program name	Course code	Course name	Year of offering the course
206	M.Sc (Maths)	MSM-101-18	Algebra-I	2016 Onwards
		MSM-102-18	Real Analysis-I	
		MSM-103-18	Complex Analysis	
		MSM-104-18	Ordinary Differential Equations and Special Functions	
		MSM-105-18	Mathematical Methods	
		MSM-106-18	Introduction to Computer Algebra System (Lab)	
		MSM-201-18	Algebra-II	
		MSM-202-18	Real Analysis-II	
		MSM-203-18	Mechanics-I	
		MSM-204-18	Partial Differential Equations	
		MSM-205-18	Numerical Analysis	
		MSM-206-18	Numerical Analysis (Lab)	
512	B.Sc. Hons. (Mathematics)	BSHM-101-19	Calculus -I	2019 Onwards
		BSHM-102-19	Co-ordinate Geometry	
		BSHM-103-19	Programming Lab-I	
		BSHM-201-19	Calculus-II	
		BSHM-202-19	Solid Geometry	
		BSHM-203-19	Computer Algebra System: MATLAB	
		UC-BSHM-301-19	Calculus-III	
		UC-BSHM-302-19	Algebra-I	
		UC-BSHM-303-19	Real Analysis-I	
		UC-BSHM-304-19	Programming Lab-IV	
		UC-BSHM-401-19	Vector Calculus	
		UC-BSHM-402-19	Ordinary Differential Equations	
		UC-BSHM-403-19	Linear Algebra	
		UC-BSHM-404-19	Probability and Statistics	
		UC-BSHM-405-19	Programming Lab-IV	
		UC-BSHM-406-19	Project Work	
		UC-BSHM-407-19	Skill enhancement course(Audit)	
		UC-BSHM-501-19	Real Analysis-II	
		UC-BSHM-502-19	Algebra-II	
		UC-BSHM-503-19	Numerical Methods	
		UC-BSHM-504-19	Partial Differential Equations	
		UC-BSHM-505-19	Project Work	
		UC-BSHM-601-19	Number Theory	
		UC-BSHM-602-19	Complex Analysis	
		UC-BSHM-603-19	Mechanics	
		UC-BSHM-604-19	Discrete Mathematics	
		UC-BSHM-605-19	Integral Equations and	
95	Ph.D(Mathematics)	MPHM-101	Research Methodology	2016 Onwards
		MPHM-102	Method in Applied Mathematics	
		MPHM-103	Continuum Mechanics	
		MPHM-104	Advanced Analysis	
		UC-MSM-504-18	Advance Number theory	
		UC-MSM-510-18	Advance Numerical methods	
468	B.Sc. (Non-Med.)	BSNM103-18	Mathematical Physics	2018 Onwards
		BSNM104-18	Mechanics-I	
		BSNM105-18	Differential Calculus	
		BSNM106-18	Solid Geometry	
		BSNM205-18	Integral Calculus	
		BSNM206-18	Theory of equations	
		BSNM211-18	Computer Algebra system: MATLAB	

Number of Courses offered across all programs during last five years

Year	2022-23
Number	52

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3.1 List of courses offered across all programs during last year

Program code	Program name	Course code	Course name	Year of offering the course
14	B.TECH	BTCE-701	(a) Software Training* (b) Industrial Training	2021-22
14	B.TECH	BTCE-801	Design of Steel Structures-II	2021-22
14	B.TECH	BTCE-802	Disaster Management	2021-22
14	B.TECH	BTCE-803	Irrigation Engineering-II	2021-22
14	B.TECH	BTCE-804	Transportation Engineering-II	2021-22
14	B.TECH	BTCE-XXX	Elective –I *	2021-22
14	B.TECH	BTCE-YYY	Elective –II *	2021-22
14	B.TECH	BTPHXX-18	Physics	2021-22
14	B.TECH	BTPHXX-18	Physics (Lab)	2021-22
14	B.TECH	BTAMXX-18	Maths-I	2021-22
14	B.TECH	BTEE101-18	Basic Electrical Engineering	2021-22
14	B.TECH	BTEE102-18	Basic Electrical Engineering (Lab)	2021-22
14	B.TECH	BTME101-18	Engineering Graphics & Design	2021-22
14	B.TECH	BTCH101-18	Chemistry-I	2021-22
14	B.TECH	BTCH102-18	Chemistry-I (Lab)	2021-22
14	B.TECH	BTAMXX-18	Maths-II	2021-22
14	B.TECH	BTPS101-18	Programming for Problem Solving	2021-22
14	B.TECH	BTPS102-18	Programming for Problem Solving (Lab)	2021-22
14	B.TECH	BTMP101-18	Workshop / Manufacturing Practices	2021-22
14	B.TECH	BTHU101-18	English	2021-22
14	B.TECH	BTHU102-18	English (Lab)	2021-22
14	B.Tech	BTCE- 301-18	Surveying & Geomatics	2021-22
14	B.Tech	BTCE- 302-18	Solid Mechanics [#]	2021-22
14	B.Tech	BTCE- 303-18	Fluid Mechanics [#]	2021-22
14	B.Tech	BTAM- 301-18	Mathematics III [#] (Transform & Discrete Mathematics)	2021-22
14	B.Tech	BTEC- 305-18	Basic Electronics & applications in Civil Engineering	2021-22
14	B.Tech	HSMC- 132-18	Civil Engineering- Introduction, Societal & Global Impact	2021-22
14	B.Tech	BTCE- 306-18	Surveying & Geomatics Lab	2021-22
14	B.Tech	BTCE- 307-18	Fluid Mechanics Lab	2021-22
14	B.Tech	BTCE- 308-18	Solid Mechanics Lab	2021-22
14	B.Tech	BMPD- 301-18	Mentoring and Professional Development	2021-22
14	B.Tech	BTCE- 332-18	Training – I*	2021-22

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14	B.Tech	BTCE- 401-18	Concrete Technology	2021-22
14	B.Tech	BTCE- 402-18	Material, Testing & Evaluation	2021-22
14	B.Tech	BTCE- 403-18	Hydrology & Water Resources	2021-22
14	B.Tech	BTCE- 404-18	Transportation Engineering	2021-22
14	B.Tech	BTCE- 405-18	Disaster Preparedness & Planning	2021-22
14	B.Tech	EVS- 101-18	Environment Science (Non- credit)	2021-22
14	B.Tech	BTCE- 406-18	Concrete Testing Lab	2021-22
14	B.Tech	BTCE- 407-18	Transportation Lab	2021-22
14	B.Tech	BTCE-432-18	Training –II*	2021-22
14	B.Tech	BMPD- 401-18	Mentoring and Professional Development	2021-22
14	B.Tech	BTCE- 501-18	Engineering Geology	2021-22
14	B.Tech	BTCE- 502-18	Elements of Earthquake Engineering	2021-22
14	B.Tech	BTCE- 503-18	Construction Engineering & Management	2021-22
14	B.Tech	BTCE- 504-18	Environmental Engineering	2021-22
14	B.Tech	BTCE- 505-18	Structural Engineering	2021-22
14	B.Tech	BTCE- 506-18	Geotechnical Engineering [#]	2021-22
14	B.Tech	BTCE- 507-18	Geotechnical Lab	2021-22
14	B.Tech	BTCE- 508-18	Environmental Engineering Lab	2021-22
14	B.Tech	BTCE-509-18	Structural Lab	2021-22
14	B.Tech	BMPD- 501-18	Mentoring and Professional Development	2021-22
14	B.Tech	BTCE- 532-18	Training – II*	2021-22
14	B.Tech	BTCE- 601-18	Engineering Economics, Estimation & Costing	2021-22
14	B.Tech	PECE-602 X-18	Elective –I	2021-22
14	B.Tech	PECE- 603 Y-18	Elective –II	2021-22
14	B.Tech	PECE- 604 Z-18	Elective – III	2021-22
14	B.Tech	OEZZ- XXX1	Open Elective-I	2021-22
14	B.Tech	OEZZ- XXX2	Open Elective – II	2021-22
14	B.Tech	BTMC- 101-18	Constitution of India	2021-22
14	B.Tech	BMPD- 601-18	Mentoring and Professional Development	2021-22
Year	2022-23			

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No. of Courses Offered	63			
Program code	Program name	Course code/M code	Course name	Year of offering the course
98	Ph.D.	90211	Research Methodology	2016-17
98	Ph.D.	NA	Transportation and Highway	2016-17
98	Ph.D.	NA	Advanced Foundation design and	2016-17
98	Ph.D.	93355	Environment Engineering and Management	2016-17
98	Ph.D.	NA	Pavement Design, Construction and maintenance	2016-17
98	Ph.D.	NA	Bridge Engineering	2016-17
98	Ph.D.	92304	Advanced Construction Technology	2016-17
98	Ph.D.	93347	Advanced Structural Engineering	2016-17
98	Ph.D.	NA	Hydraulic Engineering	2016-17
98	Ph.D.	NA	Geotechnical Engineering	2016-17
98	Ph.D.	92305	Computer Aided Design Methods	2016-17
98	Ph.D.	90207	Civil Engineering applications of Remote sensing and GIS	2016-17
98	Ph.D.	90276	Town and country Planning	2016-17
98	Ph.D.	NA	Advanced Geoinformatics	2016-17
No. of Courses Offered	14			
Program code	Program name	Course code/M code	Course name	Year of offering the course
666	M.tech	MTGT101-18	Advanced Soil Mechanics	2018-19
666	M.tech	MTGT102-18	Advanced Foundation Engineering	2018-19
666	M.tech	MTGT901-18	Soil Structure Interaction	2018-19
666	M.tech	MTGT902-18	Ground Improvement Techniques	2018-19
666	M.tech	MTGT903-18	Pavement Analysis and Design	2018-19
666	M.tech	MTGT904-18	FEM in Geomatics	2018-19
666	M.tech	MTGT905-18	Environmental Geotechnology	2018-19
666	M.tech	MTGT906-18	Critical Soil Mechanics	2018-19
666	M.tech	MTGT111-18	Soil Mechanics Lab - I	2018-19
666	M.tech	MTGT112-18	Soil Mechanics Lab - II	2018-19
666	M.tech	NA	Research Methodology and IPR	2018-19
666	M.tech	NA	Audit Course	2018-19
666	M.tech	MTGT113-18	Technical Seminar-1	2018-19
666	M.tech	MTGT201-18	Dynamics of Soil and Foundation	2018-19

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666	M.tech	MTGT202-18	Sub surface Investigation and Instrumentation	2018-19
666	M.tech	MTGT907-18	Offshore Geotechnical Engineering/ Marine Geotechniques	2018-19
666	M.tech	MTGT910-18	Computational Geomechanics	2018-19
666	M.tech	MTST911-18	Engineering Rock Mechanics	2018-19
666	M.tech	MTST912-18	Earth Retaining Structures	2018-19
666	M.tech	MTST913-18	Design of Underground Excavations	2018-19
666	M.tech	MTST914-18	Physical and Constitutive Modelling on Geomechanics	2018-19
666	M.tech	MTGT113-18	Sub Soil Exploration Lab	2018-19
666	M.tech	MTGT114-18	Soil Dynamics Lab	2018-19
666	M.tech	MTGT115-18	Technical Seminar-II	2018-19
666	M.tech	MTGT231-18	Mini Project	2018-19
666	M.tech	MTGT915-18	Stability Analysis of Slopes	2018-19
666	M.tech	MTGT916-18	Foundation on Weak Rocks	2018-19
666	M.tech	MTGT917-18	Geotechnical Earthquake Engineering	2018-19
666	M.tech	MTGT919-18	Business Analytics	2018-19
666	M.tech	MTGT920-18	Industrial Safety	2018-19
666	M.tech	MTGT921-18	Operation Research	2018-19
666	M.tech	MTGT922-18	Cost Management of Engineering Projects	2018-19
No. of Courses Offered	32			

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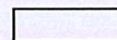
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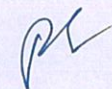

3.1 List of courses offered across all programs during last five years

Program	Program name	Course code	Course name	Year of
3001	PhD(CSE & CA)	90223	Research Methodology	2022-23
		90269	Cloud Computing	
		NA	Advanced Concepts in Image Processing	
		90222	Advanced Information Security	
		NA	Modelling and Simulation	
		90272	Data Warehousing and Data Mining	
		90294	Mobile Computing	
		NA	Network Security and Cryptography	
		90198	Advanced Software Engineering	
		NA	Advanced Computer Architecture	
		90199	Advanced Database Systems	
		93352	Advanced Data Structures & Algorithms	
		90203	Soft Computing	
		NA	Advanced Operating Systems	
		NA	Big Data Analytics	
		90224	Presentation	
		90221	Advanced Data Communication	
		90273	Internetworking	
		93353	Optimization Techniques	
		90220	Adhoc Wireless and Sensor Networks	
506	B.Tech- SE	NA	Neural Networks and Fuzzy Logic	2022-23
		NA	Mathematical Foundations of Computer Networks	
		BTES301-18	Digital Electronics	
		SE301-19	Data structure & Algorithms	
		SE302-19	Computer Networks	
		SE303-19	Software Engineering	
		BTES302-18	Digital Electronics Lab	
		SE304-19	Data structure & Algorithms Lab	
		SE305-19	Computer Networks Lab	
		SE306-19	Software Engineering lab.	
		SE307-19	IT Workshop*	
		SE401-19	Database Management system	
		SE402-19	Computer Organization & Architecture	
		SE403-19	Operating Systems	
		SE404-19	Design & Analysis of Algorithms	
		SE405-19	Database Management system Lab	


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		SE406-19	Computer Organization & Architecture Lab	
		SE407-19	Operating Systems Lab	
		SE408-19	Design & Analysis of Algorithms Lab	
		BTES 501-18	Enterprise Resource Planning	
		SE501-19	Agile Software Development	
		BTCS 502-18	Formal Language & Automata Theory	
		SE502-19	Software Testing and Quality Assurance	
		SE503-19	Agile Software Development Lab	
		SE 506-18	Software Testing and Quality Assurance Lab	
		BTCS 601-18	Compiler Design	
		BTCS 602-18	Artificial Intelligence	
		BTCS 603-18	Project-1	
		BTCS 604-18	Compiler Design Lab	
		BTCS 605-18	Artificial Intelligence Lab	
		BTCS 701-18	Network Security and Cryptography	
		BTCS 702-18	Data Mining and Data Warehousing	
		BTCS 703-18	Project-II	
		BTCS 510-18	Programming in Python	
		BTCS 513-18	Programming in Python Lab	
		BTCS 515-18	Computer Graphics	
		BTCS 518-18	Computer Graphics lab	
		BTCS 520-18	Web Technologies	
		BTCS 522-18	Web Technologies lab	
		SE 601-19	Object Oriented Analysis & Design	
		SE 602-19	Object Oriented Analysis & Design lab	
		SE 603-19	Adv Software Engineering	
		SE 604-19	Adv Software Engineering lab	
		SE 605-19	Service oriented Architecture	
		SE 606-19	Service oriented Architecture lab	
		SE 607-19	Big Data Analytics	
		SE 608-19	Big Data Analytics lab	
		BTCS612-18	Cloud Computing	
		BTCS613-18	Cloud Computing lab	
		BTCS614-18	Software project management	
		BTCS615-18	Software project management lab	
10	BCA	UGCA1902	Fundamentals of Computer and IT	2022-23
		UGCA1903	Problem Solving using C	
		UGCA1904	Workshop on Desktop Publishing	






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UGCA1905	Problem Solving using C Laboratory
UGCA1906	Fundamentals of Computer and IT
BMPD102-18	Mentoring and Professional Development
UGCA1908	Computer System Architecture
UGCA1909	Object Oriented Programming using C++
UGCA1910	Object Oriented Programming using C++ Laboratory
UGCA1912	Computer System Architecture Laboratory
BMPD202-18	Mentoring and Professional Development
UGCA1913	Computer Networks
UGCA1914	Programming in Python
UGCA1915	Data Structures
UGCA1916	Computer Networks Laboratory
UGCA1917	Programming in Python Laboratory
UGCA1918	Data Structures Laboratory
UGCA1919	PC Assembly & Troubleshooting
UGCA1920	PC Assembly & Troubleshooting Laboratory
BMPD302-18	Mentoring and Professional Development
UGCA1921	Software Engineering
UGCA1922	Database Management Systems
UGCA1923	Operating Systems
UGCA1924	Software Engineering Laboratory
UGCA1925	Database Management Systems Laboratory
UGCA1926	Operating Systems Laboratory
UGCA1927	Web Designing
UGCA1928	Web Designing Laboratory
BMPD402-18	Mentoring and Professional Development
UGCA1929	Programming in PHP
UGCA1930	Programming in PHP Laboratory
NA	Minor Project
BMPD502-18	Mentoring and Professional Development
UGCA1943	Android Programming
UGCA1944	Android Programming Laboratory
NA	Major Project
BMPD602-18	Mentoring and Professional Development
UGCA1931	Data Warehouse and Mining
UGCA1932	Programming in Java
UGCA1933	Internet of Things
UGCA1934	Computer Graphics



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
		UGCA1935	Linux Operating System	
		UGCA1936	Cloud Computing	
		UGCA1937	Data Warehouse and Mining Laboratory	
		UGCA1938	Programming in Java Laboratory	
		UGCA1939	Internet of Things Laboratory	
		UGCA1940	Computer Graphics Laboratory	
		UGCA1941	Linux Operating System Laboratory	
		UGCA1942	Cloud Computing Laboratory	
		UGCA1945	Artificial Intelligence	
		UGCA1946	R Programming	
		UGCA1947	Digital Marketing	
		UGCA1948	Information Security	
		UGCA1949	Cyber Laws & IPR	
		UGCA1950	Machine Learning	
		UGCA1951	Artificial Intelligence Laboratory	
		UGCA1952	R Programming Laboratory	
		UGCA1953	Digital Marketing Laboratory	
		UGCA1954	Information Security Laboratory	
		UGCA1955	Cyber Laws & IPR Laboratory	
15	B.Tech CSE	BTSP101-18	Programming for Problem Solving	2022-23
		BTSP102-18	Programming for Problem Solving (Lab)	
		BTES 301-18	Digital Electronics	
		BTCS 301-18	Data structure & Algorithms	
		BTES 302-18	Digital Electronics Lab	
		BTCS 303-18	Data structure & Algorithms Lab	
		BTCS 304-18	Object Oriented Programming lab	
		BTCS 305-18	IT Workshop*	
		BTCS 401-18	Discrete Mathematics	
		BTES 401-18	Computer Organization & Architecture	
		BTCS 402-18	Operating Systems	
		BTCS 403-18	Design & Analysis of Algorithms	
		BTES 402-18	Computer Organization & Architecture Lab	
		BTCS 404-18	Operating Systems Lab	
		BTCS 405-18	Design & Analysis of Algorithms Lab	
		BTES 501-18	Enterprise Resource Planning	
		BTCS 501-18	Database Management Systems	
		BTCS 502-18	Formal Language & Automata Theory	
		BTCS 503-18	Software Engineering	


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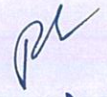

BTCS 504-18	Computer Networks
BTCS 505-18	Database Management Systems Lab
BTCS 506-18	Software Engineering Lab
BTCS 507-18	Computer Networks Lab
BTCS 601-18	Compiler Design
BTCS 602-18	Artificial Intelligence
BTCS 603-18	Project-1
BTCS 604-18	Compiler Design Lab
BTCS 605-18	Artificial Intelligence Lab
BTCS 701-18	Network Security and Cryptography
BTCS 702-18	Data Mining and Data Warehousing
BTCS 702-18	Project-II
BTCS 510-18	Programming in Python
BTCS 513-18	Programming in Python Lab
BTCS 515-18	Computer Graphics
BTCS 518-18	Computer Graphics lab
BTCS 520-18	Web Technologies
BTCS 522-18	Web Technologies lab
BTCS 521-18	Computational Biology
BTCS 523-18	Computational Biology lab
BTCS 606-18	Simulation and Modelling
BTCS 607-18	Simulation and Modelling Lab
BTCS 608-18	Internet of Things
BTCS 609-18	Internet of Things lab
BTCS 610-18	Digital Image processing
BTCS 611-18	Digital Image processing lab
BTCS 612-18	Cloud computing
BTCS 613-18	Cloud computing lab
BTCS 614-18	Software Project Management
BTCS 615-18	Software Project Management Lab
BTCS 616-18	Data Science
BTCS 617-18	Data Science lab
BTCS 618-18	Machine Learning
BTCS 619-18	Machine Learning lab
BTCS 620-18	Mobile Application Development
BTCS 621-18	Mobile Application Development lab
BTCS 704-18	Deep Learning
BTCS 705-18	Deep Learning Lab



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		BTCS 706-18	Distributed databases	
		BTCS 707-18	Distributed databases lab	
		BTCS 708-18	Computer Vision	
		BTCS 709-18	Computer Vision lab	
		BTCS 710-18	Agile Software Development	
		BTCS 711-18	Agile Software Development lab	
		BTCS 712-18	Blockchain Technologies	
		BTCS 713-18	Blockchain Technologies Lab	
		BTCS 714-18	Parallel Computing	
		BTCS 715-18	Parallel Computing lab	
		BTCS 716-18	Adhoc and Wireless sensor networks	
		BTCS 717-18	Adhoc and Wireless sensor networks lab	
		BTCS 718-18	Quantum Computing	
		BTCS 719-18	Quantum Computing lab	
602	B.Tech- CoE	BTES 301-18	Digital Electronics	2022-23
		BTCS 301-18	Data structure & Algorithms	
		BTCS 302-18	Object Oriented Programming	
		BTES 302-18	Digital Electronics Lab	
		BTCS 303-18	Data structure & Algorithms Lab	
		BTCS 304-18	Object Oriented Programming lab	
		BTCS 305-18	IT Workshop*	
		BTCS 401-18	Discrete Mathematics	
		BTES 401-18	Computer Organization & Architecture	
		BTCS 402-18	Operating Systems	
		BTCS 403-18	Design & Analysis of Algorithms	
		BTES 402-18	Computer Organization & Architecture Lab	
		BTCS 404-18	Operating Systems Lab	
		BTCS 405-18	Design & Analysis of Algorithms Lab	
		BTES 501-18	Enterprise Resource Planning	
		BTCS 501-18	Database Management Systems	
		BTCS 502-18	Formal Language & Automata Theory	
		BTCS 503-18	Software Engineering	
		BTCS 504-18	Computer Networks	
		BTCS 505-18	Database Management Systems Lab	
		BTCS 506-18	Software Engineering Lab	
		BTCS 507-18	Computer Networks Lab	
		BTCS 601-18	Compiler Design	
		BTCS 602-18	Artificial Intelligence	



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		BTCS 603-18	Project-1	
		BTCS 604-18	Compiler Design Lab	
		BTCS 605-18	Artificial Intelligence Lab	
		BTCS 701-18	Network Security and Cryptography	
		BTCS 702-18	Data Mining and Data Warehousing	
		BTCS 702-18	Project-II	
		BTCOE 508-18	Microprocessor & Assembly Language Programming	
		BTCOE 509-18	Computer Peripheral & Interface	
		BTCOE 510-18	Graph Theory	
		BTCOE 511-18	Microprocessor & Assembly Language Programming lab	
		BTCOE 512-18	Computer Peripheral & Interface lab	
		BTCOE 513-18	Graph Theory Lab	
		BTCS 510-18	Programming in Python	
		BTCS 513-18	Programming in Python Lab	
		BTCOE601	Adv Computer architecture	
		BTCOE602	Adv Computer architecture lab	
		BTCOE603	Real Time embeded sysytem	
		BTCOE604	Real Time embeded sysytem lab	
		BTCOE605	Wireless Sensor Network	
		BTCOE606	Wireless Sensor Network lab	
		BTCOE607	Hardware Secuirty	
		BTCOE608	Hardware Secuirty lab	
		BTCOE609	Human Computer Interaction	
		BTCOE610	Human Computer Interaction lab	
		BTCS616-18	Data Science	
		BTCS617-18	Data Science lab	
		BTCS714-18	parallel Computing	
		BTCS715-18	parallel Computing lab	
163	M.Tech(CSE)	MTCS101-18	Mathematical foundations of ComputerScience	2022-23
		MTCS102-18	Advanced Data Structures	
		MTCS105-18	Machine Learning	
		MTCS106-18	Wireless Sensor Networks	
		MTCS107-18	Introduction to Intelligent Systems	
		MTCS108-18	Data Science	
		MTCS109-18	Distributed Systems	
		MTCS110-18	Advanced Wireless and Mobile Networks	
		MTRM101-18	Research Methodology and IPR	
		MTCS103-18	Advanced Data Structures lab	



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	MTCS104-18	Lab based on electives
	MTCS 201-18	Advance Algorithms
	MTCS 202-18	Soft Computing
	MTCS204-18	Data Preparation and Analysis
	MTCS205-18	SecureSoftware Design&EnterpriseComputing
	MTCS206-18	Computer Vision
	MTCS207-18	Humanand ComputerInteraction
	MTCS208-18	GPUComputing
	MTCS209-18	DigitalForensics
	MTCS203-18	Advanced Algorithms lab

List of courses offered across all programs during last five years							
Year	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Number	119	124	139	259	335	285	274


Prof. Vikas Chawla

HOD (CSE)

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Computer Sc. & Engineering
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Program code	Program name	Course code	Course name	Year of offering the course
30	B.TECH (ME)	BTME612-18	Composite Materials	2022-2023
30	B.TECH (ME)	BTME614-18	Product Design and Development	2022-2023
30	B.TECH (ME)	BTME409-18	4-weeks Industrial Training	2022-2023
30	B.TECH (ME)	BTME401-18	Applied Thermodynamics	2022-2023
30	B.TECH (ME)	BTME406-18	Applied Thermodynamics (Lab)	2022-2023
30	B.TECH (ME)	BTME607-18	Auto. Engg.(Lab)	2022-2023
30	B.TECH (ME)	BTME702-18	Automation in Manufacturing	2022-2023
30	B.TECH (ME)	BTME-603-18	Automobile Engineering	2022-2023
30	B.TECH (ME)	BTME-607-18	Automobile Engineering (Lab)	2022-2023
30	B.TECH (ME)	BTME305-18	Basic Thermodynamics	2022-2023
30	B.TECH (ME)	BTCH-101-18	Chemistry-I	2022-2023
30	B.TECH (ME)	BTME502-18	Design of Machine Elements	2022-2023
30	B.TECH (ME)	BTPH-103-18	Electromagnetism	2022-2023
30	B.TECH (ME)	BTPH-113-18	Electromagnetism Lab	2022-2023
30	B.TECH (ME)	BTMC102-18	Essence of Indian knowledge Tradition	2022-2023
30	B.TECH (ME)	BTME402-18	Fluid Machines	2022-2023
30	B.TECH (ME)	BTME407-18	Fluid Machines (Lab))	2022-2023
30	B.TECH (ME)	BTME301-18	Fluid Mechanics	2022-2023
30	B.TECH (ME)	BTME308-18	Fluid Mechanics (Lab)	2022-2023
30	B.TECH (ME)	BTME309-18	Four Weeks Institutional Summer Vacation Training	2022-2023
30	B.TECH (ME)	BTME703-18	Fundamentals of Management for Engineers	2022-2023
30	B.TECH (ME)	GF-800	General Fitness	2022-2023
30	B.TECH (ME)	BTME501-18	Heat Transfer	2022-2023
30	B.TECH (ME)	BTME501-18	Heat Transfer	2022-2023
30	B.TECH (ME)	BTME505-18	Heat Transfer (Lab)	2022-2023
30	B.TECH (ME)	HU-251	Human Resources and Management	2022-2023
30	B.TECH (ME)	BTME-801	Industrial Engineering and Management	2022-2023
30	B.TECH (ME)	BTME-IT-702	Industrial Oriented Project /Industrial /Institutional Training	2022-2023
30	B.TECH (ME)	BTME-801	Industrial Training	2022-2023
30	B.TECH (ME)	BTME-604-18	Introduction to Industrial management	2022-2023
30	B.TECH (ME)	BTME303-18	Machine Drawing	2022-2023
30	B.TECH (ME)	BTME-806	Major Project	2022-2023
30	B.TECH (ME)	BTME504-18	Management and Engineering Economics	2022-2023
30	B.TECH (ME)	BTME503-18	Manufacturing Processes	2022-2023

30	B.TECH (ME)	BTME506-18	Manufacturing Processes (Lab)	2022-2023
30	B.TECH (ME)	BTME408-18	Material Engineering (Lab)	2022-2023
30	B.TECH (ME)	BTME404-18	Materials Engineering	2022-2023
30	B.TECH (ME)	BTAM101-18	Mathematics I	2022-2023
30	B.TECH (ME)	BTAM 203-18	Mathematics II	2022-2023
30	B.TECH (ME)	BTME-602-18	Mechanical Measurements & Metrology	2022-2023
30	B.TECH (ME)	BTME-602-18	Mechanical Measurements & Metrology	2022-2023
30	B.TECH (ME)	BTME-606-18	Mechanical Measurements & Metrology (Lab)	2022-2023
30		BTME-805	Mechanical Vibration Lab	2022-2023
30	B.TECH (ME)	BTME-803	Mechanical Vibrations	2022-2023
30	B.TECH (ME)	BTME701-18	Mechanical Vibrations	2022-2023
30	B.TECH (ME)	BTPH103-18	Mechanics of Solid	2022-2023
30	B.TECH (ME)	BTPH111-18	Mechanics of Solid Lab	2022-2023
30	B.TECH (ME)	BMPD-201-18	Mentoring and Professional Development	2022-2023
30	B.TECH (ME)	BMPD-101-18	Mentoring and Professional Development	2022-2023
30	B.TECH (ME)	BMPD401-18	Mentoring and Professional Development	2022-2023
30	B.TECH (ME)	BTME-608-18	Minor Project	2022-2023
30	B.TECH (ME)	BTME606-18	MMM (Lab)	2022-2023
30	B.TECH (ME)	BTME-615-18	Non-Conventional Energy Resources	2022-2023
30	B.TECH (ME)	DE/PE-2.0	Non-Traditional Machining	2022-2023
30	B.TECH (ME)	BTME504-18	Numerical Methods	2022-2023
30	B.TECH (ME)	BTME507-18	Numerical Methods (Lab)	2022-2023
30	B.TECH (ME)	XXXX###-18	Open Elective - I	2022-2023
30	B.TECH (ME)	DE/ME-1.8	Power Plant Engg	2022-2023
30	B.TECH (ME)	XXXX###-18	Professional Elective-I	2022-2023
30	B.TECH (ME)	BTPS101-18	Programming for Problem Solving	2022-2023
30	B.TECH (ME)	BTPS102-18	Programming for Problem Solving (Lab)	2022-2023
30	B.TECH (ME)	BTME704-18	Project-II	2022-2023
30	B.TECH (ME)	BTME605-18	RAC (Lab)	2022-2023
30	B.TECH (ME)	BTME-802	Refrigeration & Air Conditioning	2022-2023
30	B.TECH (ME)	BTME-804	Refrigeration & Air Conditioning Lab	2022-2023
30	B.TECH (ME)	BTME-601-18	Refrigeration and Air conditioning	2022-2023
30	B.TECH (ME)	BTME601-18	Refrigeration and Air conditioning	2022-2023

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30	B.TECH (ME)	BTME-605-18	Refrigeration and Air conditioning (Lab)	2022-2023
30	B.TECH (ME)	OECE-703-18	Road Safety	2022-2023
30	B.TECH (ME)	BTME-IT-701	Software Training	2022-2023
30	B.TECH (ME)	BTME-801	Software Training	2022-2023
30	B.TECH (ME)	BTME306-18	Strength of Material (Lab)	2022-2023
30	B.TECH (ME)	BTME306-18	Strength of Material Lab	2022-2023
30	B.TECH (ME)	BTME304-18	Strength of Materials-I	2022-2023
30	B.TECH (ME)	BTME403-18	Strength of Materials-II	2022-2023
30	B.TECH (ME)	BTME307-18	Theory of Machine (Lab)	2022-2023
30	B.TECH (ME)	BTME302-18	Theory of Machines - I	2022-2023
30	B.TECH (ME)	BTME307-18	Theory of Machines Lab	2022-2023
30	B.TECH (ME)	BTME405-18	Theory of Machines-II	2022-2023
30	B.TECH (ME)	BTMP101-18	Workshop / Manufacturing Practices	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-101	Advanced Engineering Materials	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-102	Modern Manufacturing Processes	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-103	Advanced Casting Processes	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-104	Operations Management	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-105	Metal Forming	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-201	Research Methodology	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-202	Advanced welding Technology	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-203	Corrosion Science	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-204	Advanced Material Characterization Techniques	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME-XXX	Elective –I Elective –I	
663	M.TECH (Manufacturing engineering and Automation)	MTME -205	Tribology	2022-2023

663	M.TECH (Manufacturing engineering and Automation)	MTME -206	Automation and Robotics	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -207	Plastics Engineering	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -208	Rapid Prototyping	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -209	Advanced Metal Cutting	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -210	Computer Aided design & Manufacturing	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -211	Maintenance and Reliability Engineering	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -212	Supply Chain Management	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -213	Production Planning and Control	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -214	Product Design and Development	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -215	Entrepreneurship	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -216	Work System Design and Ergonomics	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -217	Metrology & Industrial Automation	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -218	Finite Element Analysis	2022-2023
663	M.TECH (Manufacturing engineering and Automation)	MTME -219	Low cost Automation	2022-2023
102	PhD	PhD-101	Research Methodology	2022-2023
102	PhD	PhD-102	Advanced Heat Transfer	2022-2023
102	PhD	PhD-103	Non Conventional Machining	2022-2023
102	PhD	PhD-104	Advanced Fluid Mechanics and CFD	2022-2023
102	PhD	PhD-105	Finite Element Methods	2022-2023
102	PhD	PhD-106	Composite Materials	2022-2023

102	PhD	PhD-107	Optimization Techniques	2022-2023
102	PhD	PhD-108	Computer Aided Design and Manufacturing (CAD/CAM)	2022-2023
102	PhD	PhD-109	Advanced Theory of Vibrations	2022-2023
102	PhD	PhD-201	Tribology	2022-2023
102	PhD	PhD-202	Thermo Economics and Power Plants	2022-2023
102	PhD	PhD-203	Advanced Thermodynamics	2022-2023
102	PhD	PhD-204	Presentation/Seminar	2022-2023
102	PhD	PhD-205	Production Engineering	2022-2023
102	PhD	PhD-206	Advanced Mechanics of Solids	2022-2023
102	PhD	PhD-207	Mechatronics	2022-2023
102	PhD	PhD-208	Product Design and Development	2022-2023
102	PhD	PhD-101	Research Methodology	2022-2023
102	PhD	PhD-102	Advanced Heat Transfer	2022-2023
102	PhD	PhD-103	Non Conventional Machining	2022-2023
102	PhD	PhD-104	Advanced Fluid Mechanics and CFD	2022-2023
102	PhD	PhD-105	Finite Element Methods	2022-2023
102	PhD	PhD-106	Composite Materials	2022-2023
102	PhD	PhD-107	Optimization Techniques	2022-2023
102	PhD	PhD-108	Computer Aided Design and Manufacturing (CAD/CAM)	2022-2023
102	PhD	PhD-109	Advanced Theory of Vibrations	2022-2023
102	PhD	PhD-201	Tribology	2022-2023
102	PhD	PhD-202	Thermo Economics and Power Plants	2022-2023
102	PhD	PhD-203	Advanced Thermodynamics	2022-2023
102	PhD	PhD-204	Presentation/Seminar	2022-2023
102	PhD	PhD-205	Production Engineering	2022-2023
102	PhD	PhD-206	Advanced Mechanics of Solids	2022-2023
102	PhD	PhD-207	Mechatronics	2022-2023
102	PhD	PhD-208	Product Design and Development	2022-2023

for *(Signature)*
Head 21/02/24
Department of Mechanical Engineering
L.K. Gujral Punjab Technical University
(Main Campus) Kapurthala

3.1 List of courses offered across all programs for the session 2022-2023 (I.e from 01-07-2022 to 30-06-2023)

Department of Electrical Engineering

Sr. No	Program Code	Program Name	Course Code	Course Name	Year of offering the Course
1	16	B.Tech	BTPH102-18	Optics and Modern Physics	2022-23
2	16	B.Tech	BTPH112-18	Optics and Modern Physics Lab	2022-23
3	16	B.Tech	BTAM101-18	Mathematics-I (Calculus & Linear Algebra)	2022-23
4	16	B.Tech	BTEE101-18	Basic Electrical Engineering	2022-23
5	16	B.Tech	BTEE102-18	Basic Electrical Engineering (Lab)	2022-23
6	16	B.Tech	BTME101-18	Engineering Graphics & Design	2022-23
7	16	B.Tech	BMPD101-18	Mentoring and Professional Development	2022-23
8	16	B.Tech	BTCH101-18	Chemistry-I	2022-23
9	16	B.Tech	BTCH102-18	Chemistry-I (Lab)	2022-23
10	16	B.Tech	BTAM101-18	Mathematics-I (Calculus & Linear Algebra)	2022-23
11	16	B.Tech	BTPS101-18	Programming for Problem Solving	2022-23
12	16	B.Tech	BTPS102-18	Programming for Problem Solving (Lab)	2022-23
13	16	B.Tech	BTMP101-18	Workshop / Manufacturing Practices	2022-23
14	16	B.Tech	BTHU101-18	English	2022-23
15	16	B.Tech	BTHU102-18	English (Lab)	2022-23
16	16	B.Tech	BMPD101-18	Mentoring and Professional Development	2022-23
17	16	B.Tech	BTCH101-18	Chemistry-I	2022-23
18	16	B.Tech	BTCH102-18	Chemistry-I (Lab)	2022-23
19	16	B.Tech	BTAM202-18	Mathematics-II (Differential Equations & Numerical Methods)	2022-23
20	16	B.Tech	BTPS101-18	Programming for Problem Solving	2022-23
21	16	B.Tech	BTPS102-18	Programming for Problem Solving (Lab)	2022-23
22	16	B.Tech	BTMP101-18	Workshop / Manufacturing Practices	2022-23
23	16	B.Tech	BTHU101-18	English	2022-23
24	16	B.Tech	BTHU102-18	English (Lab)	2022-23
25	16	B.Tech	BMPD201-18	Mentoring and Professional Development	2022-23
26	16	B.Tech	BTPH102-18	Optics and Modern Physics	2022-23
27	16	B.Tech	BTPH112-18	Optics and Modern Physics Lab	2022-23
28	16	B.Tech	BTAM202-18	Mathematics-II (Differential Equations & Numerical Methods)	2022-23
29	16	B.Tech	BTEE101-18	Basic Electrical Engineering	2022-23
30	16	B.Tech	BTEE102-18	Basic Electrical Engineering (Lab)	2022-23
31	16	B.Tech	BTME101-18	Engineering Graphics & Design	2022-23
32	16	B.Tech	BMPD201-18	Mentoring and Professional Development	2022-23
33	16	B.Tech	BTEE- 301-18	Electrical Circuit Analysis	2022-23

34	16	B.Tech	BTEE- 302-18	Analog Electronics	2022-23
35	16	B.Tech	BTEE- 303-18	Electrical Machines – I	2022-23
36	16	B.Tech	BTEE- 304-18	Electromagnetic Fields	2022-23
37	16	B.Tech	BTEE- 305-18	Engineering Mechanics	2022-23
38	16	B.Tech	BTEE- 311-18	Analog Electronics Laboratory	2022-23
39	16	B.Tech	BTEE- 312-18	Electrical Machines – I Laboratory	2022-23
40	16	B.Tech	BTMC-101-18	Indian Constitution	2022-23
41	16	B.Tech	BMPD-301-18	Mentoring and Professional Development of Students	2022-23
42	16	B.Tech	BTEE-321-18	Institutional Summer Vacation Training*	2022-23
43	16	B.Tech	BTEE- 401-18	Digital Electronics	2022-23
44	16	B.Tech	BTEE- 402-18	Electrical Machines – II	2022-23
45	16	B.Tech	BTEE- 403-18	Power Electronics	2022-23
46	16	B.Tech	BTEE- 404-18	Signals and Systems	2022-23
47	16	B.Tech	BTAM-302-18	Mathematics-III (Probability & Statistics)	2022-23
48	16	B.Tech	BTEE- 411-18	Measurements and Instrumentation Lab.	2022-23
49	16	B.Tech	BTEE- 412-18	Digital Electronics Laboratory	2022-23
50	16	B.Tech	BTEE- 413-18	Electrical Machines – II Laboratory	2022-23
51	16	B.Tech	BTEE- 414-18	Power Electronics Laboratory	2022-23
52	16	B.Tech	BTMC-102-18	Essence of Indian Traditional Knowledge	2022-23
53	16	B.Tech	BMPD-401-18	Mentoring and Professional Development of Students	2022-23
54	16	B.Tech	BTEE- 501-18	Power Systems – I (Apparatus & Modeling)	2022-23
55	16	B.Tech	BTEE- 502-18	Control Systems	2022-23
56	16	B.Tech	BTEE- 503-18	Microprocessors	2022-23
57	16	B.Tech	BTEE-504A-18	Electrical Engineering Materials	2022-23
58	16	B.Tech	BTEE-504B-18	Switchgear and Protection	2022-23
59	16	B.Tech	BTEE-504C-18	Electrical Machine Design	2022-23
60	16	B.Tech	BTEE-504D-18	Renewable Energy Sources	2022-23
61	16	B.Tech	EVS-101-18	Environmental Studies	2022-23
62	16	B.Tech	BTEE- 511-18	Power Systems-I Laboratory	2022-23
63	16	B.Tech	BTEE- 512-18	Control Systems Laboratory	2022-23
64	16	B.Tech	BTEE- 513-18	Microprocessors Laboratory	2022-23
65	16	B.Tech	BTEE- 521-18	Summer Industry Internship	2022-23
66	16	B.Tech	BMPD-501-18	Mentoring and Professional Development of Students	2022-23
67	16	B.Tech	BTEE- 601-18	Power System-II (Operation and Control)	2022-23
68	16	B.Tech	BTEE- 602-18	Power Generation and Economics	2022-23
69	16	B.Tech	BTEE-603A-18	Electromagnetic Waves	2022-23
70	16	B.Tech	BTEE-603B-18	Power System Dynamics and Control	2022-23
71	16	B.Tech	BTEE-603C-18	Electrical Drives	2022-23
72	16	B.Tech	BTEE-603D-18	Wind and Solar Energy Systems	2022-23
73	16	B.Tech	BTEE-604A-18	High Voltage Engineering	2022-23



74	16	B.Tech	BTEE-604B-18	Power System Reliability	2022-23
75	16	B.Tech	BTEE-604C-18	Line-Commutated and Active PWM Rectifiers	2022-23
76	16	B.Tech	BTEE-604D-18	Energy Efficient Systems	2022-23
77	16	B.Tech	OEE-201-18	Electric Machines	2022-23
78	16	B.Tech	OEE-202-18	Industrial Electrical Systems	2022-23
79	16	B.Tech	OEE-203-18	Wind and Solar Energy Systems	2022-23
80	16	B.Tech	OEE-204-18	Power Systems	2022-23
81	16	B.Tech	BTEE- 611-18	Electronic Design Laboratory	2022-23
82	16	B.Tech	BTEE-612-18	Power Systems-II Laboratory	2022-23
83	16	B.Tech	BTEE-621-18	Project-1	2022-23
84	16	B.Tech	BMPD-601-18	Mentoring and Professional Development of Students	2022-23
85	16	B.Tech	BTEE-701A-18	Electrical Energy Conservation & Auditing	2022-23
86	16	B.Tech	BTEE-701B-18	Computer Aided Power System Analysis	2022-23
87	16	B.Tech	BTEE-701C-18	Power Quality and FACTS	2022-23
88	16	B.Tech	BTEE-701D-18	Electrical and Hybrid Vehicles	2022-23
89	16	B.Tech	BTEE-702A-18	Computational Electromagnetics	2022-23
90	16	B.Tech	BTEE-702B-18	Microcontroller and PLC	2022-23
91	16	B.Tech	BTEE-702C-18	Control Systems Design	2022-23
92	16	B.Tech	BTEE-702A-18	Computational Electromagnetics	2022-23
93	16	B.Tech	BTEE-702D-18	Distributed Generation	2022-23
94	16	B.Tech	BTEE-703A-18	Industrial Electrical Systems	2022-23
95	16	B.Tech	BTEE-703B-18	Restructured Power Systems	2022-23
96	16	B.Tech	BTEE-703C-18	Advanced Electric Drives	2022-23
97	16	B.Tech	BTEE-703D-18	Energy Storage System	2022-23
98	16	B.Tech	BTEE-702D-18	Distributed Generation	2022-23
99	16	B.Tech	OEE-101-18	Control Systems	2022-23
100	16	B.Tech	OEE-102-18	Power Electronics	2022-23
101	16	B.Tech	OEE-103-18	Electrical Energy Conservation & Auditing	2022-23
102	16	B.Tech	OEE-104-18	Renewable Energy Sources	2022-23
103	16	B.Tech	HSMC103-18	Education, Technology and Society	2022-23
104	16	B.Tech	HSMC104-18	History of Science and Technology in India	2022-23
105	16	B.Tech	HSMC113-18	Values and Ethics	2022-23
106	16	B.Tech	HSMC118-18	Introduction to Women's and Gender Studies	2022-23
107	16	B.Tech	HSMC124-18	Sanskrit Bhasa	2022-23
108	16	B.Tech	HSMC (MME-303)	Law and Engineering	2022-23
109	16	B.Tech	BTEE- 721-18	Project-2	2022-23
110	16	B.Tech	BMPD-701-18	Mentoring and Professional Development of Students	2022-23
111	16	B.Tech	BTEE- 801-18	Smart Grids	2022-23
112	16	B.Tech	BTEE- 802-18	Artificial Intelligence Techniques	2022-23
113	16	B.Tech	BTEE- 803-18	Indian Electricity Standards and Practices	2022-23

114	16	B.Tech	BTEE- 811-18	Modeling and Simulation Lab	2022-23
115	16	B.Tech	BTEE- 812-18	Technical Report Writing and Presentation	2022-23
116	16	B.Tech	BMPD-801-18	Mentoring and Professional Development of Students	2022-23
117	379	M.Tech (PSRE)	PSRE-101/21	Computer Aided Power System Analysis	2022-23
118	379	M.Tech (PSRE)	PSRE-102/21	Distributed Generation	2022-23
119	379	M.Tech (PSRE)	PSRE-103A/21	FACTS and custom Power Devices	2022-23
120	379	M.Tech (PSRE)	PSRE-103B/21	Advanced Power System Protection	2022-23
121	379	M.Tech (PSRE)	PSRE-103C/21	Mathematical Methods for Power Engineering	2022-23
122	379	M.Tech (PSRE)	PSRE-103D/21	Analysis of Power Converter	2022-23
123	379	M.Tech (PSRE)	PSRE-104A/21	Solar PV Energy System	2022-23
124	379	M.Tech (PSRE)	PSRE-104B/21	Waste to Energy Conversion Technologies	2022-23
125	379	M.Tech (PSRE)	PSRE-104C/21	Small Hydro and Non-Conventional Technologies	2022-23
126	379	M.Tech (PSRE)	PSRE-104D/21	Solar Energy Conversion Technologies	2022-23
127	379	M.Tech (PSRE)	MTRM-101/21	Research Methodology and IPR	2022-23
128	379	M.Tech (PSRE)	PSRE-105/21	Computer Aided Power System Analysis Lab	2022-23
129	379	M.Tech (PSRE)	PSRE-106/21	Power Simulation Lab-I	2022-23
130	379	M.Tech (PSRE)	MTA-101/21	English for Research Paper Writing	2022-23
131	379	M.Tech (PSRE)	MTA-102/21	Disaster Management	2022-23
132	379	M.Tech (PSRE)	MTA-103//21	Sanskrit for Technical Knowledge	2022-23
133	379	M.Tech (PSRE)	MTA-104/21	Value Education	2022-23
134	379	M.Tech (PSRE)	PSRE-103A/21	FACTS and custom Power Devices	2022-23
135	379	M.Tech (PSRE)	PSRE-103B/21	Advanced Power System Protection	2022-23
136	379	M.Tech (PSRE)	PSRE-103C/21	Mathematical Methods for Power Engineering	2022-23
137	379	M.Tech (PSRE)	PSRE-103D/21	Analysis of Power Converter	2022-23
138	379	M.Tech (PSRE)	PSRE-104A/21	Solar PV Energy System	2022-23
139	379	M.Tech (PSRE)	PSRE-104B/21	Waste to Energy Conversion Technologies	2022-23
140	379	M.Tech (PSRE)	PSRE-104C/21	Small Hydro and Non-Conventional Technologies	2022-23
141	379	M.Tech (PSRE)	PSRE-104D/21	Solar Energy Conversion Technologies	2022-23
142	379	M.Tech (PSRE)	MTA-101/21	English for Research Paper Writing	2022-23
143	379	M.Tech (PSRE)	MTA-102/21	Disaster Management	2022-23
144	379	M.Tech (PSRE)	MTA-103//21	Sanskrit for Technical Knowledge	2022-23
145	379	M.Tech (PSRE)	MTA-104/21	Value Education	2022-23
146	379	M.Tech (PSRE)	PSRE-201/21	Energy Forecasting and Modelling	2022-23
147	379	M.Tech (PSRE)	PSRE-202/21	Power System Generation Control	2022-23

148	379	M.Tech (PSRE)	PSRE-203A/21	Power Quality and and Harmonic Analysis	2022-23
149	379	M.Tech (PSRE)	PSRE-203B/21	Power System Dynamics	2022-23
150	379	M.Tech (PSRE)	PSRE-203C/21	Reliability Analysis and Protection	2022-23
151	379	M.Tech (PSRE)	PSRE-203D/21	Energy Economics and Policies	2022-23
152	379	M.Tech (PSRE)	PSRE-204A/21	Electric and Hybrid Vehicles	2022-23
153	379	M.Tech (PSRE)	PSRE-204B/21	Smart Grids	2022-23
154	379	M.Tech (PSRE)	PSRE-204C/21	Engineering Optimization	2022-23
155	379	M.Tech (PSRE)	PSRE-204D/21	Artificial Intelligence Techniques	2022-23
156	379	M.Tech (PSRE)	MTPR-101/21	Mini Project with Seminar	2022-23
157	379	M.Tech (PSRE)	PSRE-205/21	Power Simulation Lab-II	2022-23
158	379	M.Tech (PSRE)	PSRE-206/21	Renewable Energy Lab	2022-23
159	379	M.Tech (PSRE)	MTA-105/21	Constitution of India	2022-23
160	379	M.Tech (PSRE)	MTA-106/21	Pedagogy Studies	2022-23
161	379	M.Tech (PSRE)	MTA-107/21	Stress Management of Yoga	2022-23
162	379	M.Tech (PSRE)	MTA-108/21	Personality Development through Life Enlightenment Skills	2022-23
163	379	M.Tech (PSRE)	PSRE-203A/21	Power Quality and Harmonic Analysis	2022-23
164	379	M.Tech (PSRE)	PSRE-203B/21	Power System Dynamics	2022-23
165	379	M.Tech (PSRE)	PSRE-203C/21	Reliability Analysis and Protection	2022-23
166	379	M.Tech (PSRE)	PSRE-203D/21	Energy Economics and Policies	2022-23
167	379	M.Tech (PSRE)	PSRE-204A/21	Electric and Hybrid Vehicles	2022-23
168	379	M.Tech (PSRE)	PSRE-204B/21	Smart Grids	2022-23
169	379	M.Tech (PSRE)	PSRE-204C/21	Engineering Optimization	2022-23
170	379	M.Tech (PSRE)	PSRE-204D/21	Artificial Intelligence Techniques	2022-23
171	379	M.Tech (PSRE)	MTA-105/21	Constitution of India	2022-23
172	379	M.Tech (PSRE)	MTA-106/21	Pedagogy Studies	2022-23
173	379	M.Tech (PSRE)	MTA-107/21	Stress Management of Yoga	2022-23
174	379	M.Tech (PSRE)	MTA-108/21	Personality Development through Life Enlightenment Skills	2022-23
175	379	M.Tech (PSRE)	PSRE-301A/21	Industrial Load Modelling and Control	2022-23
176	379	M.Tech (PSRE)	PSRE-301B/21	Power System Deregulation	2022-23
177	379	M.Tech (PSRE)	PSRE-301C/21	Solar PV Energy System	2022-23
178	379	M.Tech (PSRE)	PSRE-301D/21	Energy Storage System	2022-23
179	379	M.Tech (PSRE)	MTOE-301A/21	Business Analysis	2022-23
180	379	M.Tech (PSRE)	MTOE-301B/21	Industrial Safety	2022-23
181	379	M.Tech (PSRE)	MTOE-301C/21	Operations Research	2022-23
182	379	M.Tech (PSRE)	MTOE-301D/21	Cost Management of Engineering Projects	2022-23
183	379	M.Tech (PSRE)	MTOE-301E/21	Composite Materials	2022-23
184	379	M.Tech (PSRE)	MTOE-301F/21	Waste to Energy	2022-23
185	379	M.Tech (PSRE)	PSRE- 302/21	Phase-I Dissertation	2022-23
186	379	M.Tech (PSRE)	PSRE-301A/21	Industrial Load Modelling and Control	2022-23
187	379	M.Tech (PSRE)	PSRE-301B/21	Power System Deregulation	2022-23
188	379	M.Tech (PSRE)	PSRE-301C/21	Solar PV Energy System	2022-23
189	379	M.Tech (PSRE)	PSRE-301D/21	Energy Storage System	2022-23

190	379	M.Tech (PSRE)	MTOE-301A/21	Business Analysis	2022-23
191	379	M.Tech (PSRE)	MTOE-301B/21	Industrial Safety	2022-23
192	379	M.Tech (PSRE)	MTOE-301C/21	Operations Research	2022-23
193	379	M.Tech (PSRE)	MTOE-301D/21	Cost Management of Engineering Projects	2022-23
194	379	M.Tech (PSRE)	MTOE-301E/21	Composite Materials	2022-23
195	379	M.Tech (PSRE)	MTOE-301F/21	Waste to Energy	2022-23
196	379	M.Tech (PSRE)	PSRE-401/21	Phase-II Dissertation	2022-23
197	4001	Ph.D	Core	Research Methodology	2022-23
198	4001	Ph.D	Core	Power System Engineering	2022-23
199	4001	Ph.D	Core	Power Electronics	2022-23
200	4001	Ph.D	Core	Electrical Drives Engineering	2022-23
201	4001	Ph.D	Core	Energy Management Engineering	2022-23
202	4001	Ph.D	Core	Microelectronics and Control Systems	2022-23
203	4001	Ph.D	Core	Advanced Relaying and Protection	2022-23
204	4001	Ph.D	Core	Digital System Design	2022-23
205	4001	Ph.D	Core	Modelling and Analysis of Dynamic Systems	2022-23
206	4001	Ph.D	Core	Bio Medical Signal Processing	2022-23
207	4001	Ph.D	Core	Sensors and Applications	2022-23
208	4001	Ph.D	Core	Scientific and Analytical Instrumentation	2022-23
209	4001	Ph.D	Core	Renewable Energy Resources	2022-23
210	4001	Ph.D	Core	Presentation/Seminar	2022-23
211	4001	Ph.D	Core	Signal Processing	2022-23
212	4001	Ph.D	Core	Communication Systems	2022-23
213	4001	Ph.D	Core	VLSI Design and Embedded Systems	2022-23
214	4001	Ph.D	Core	Linear Algebra	2022-23
215	4001	Ph.D	Core	Sensors for Ranging and Imaging	2022-23
216	4001	Ph.D	Core	Research publication and Ethics	2022-23

Year	2022-2023
Number	216

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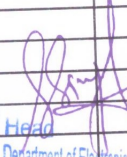
3.1 List of courses offered across all programs during last

Program code	Program name	Course code	Course name	Year of offering the course
601	B.Tech(ECE)	UC-BTEC-301-19	Electronic Devices	2019-20
601	B.Tech(ECE)	UC-BTEC-302-19	Digital System Design	2019-20
601	B.Tech(ECE)	UC-BTEC-303-19	Electromagnetic Waves	2019-20
601	B.Tech(ECE)	UC-BTEC-304-19	Network Theory	2019-20
601	B.Tech(ECE)	UC-BTEC-311-19	Electronic Devices Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-312-19	Digital System Design Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-321-18	4-Week Institutional Training	2019-20
601	B.Tech(ECE)	BMPD-331-18	Mentoring and Professional Development	2019-20
601	B.Tech(ECE)	UC-BTEC-401-19	Analog Circuits	2019-20
601	B.Tech(ECE)	UC-BTEC-402-19	Microprocessors and Microcontrollers	2019-20
601	B.Tech(ECE)	UC-BTEC-403-19	Signals and Systems	2019-20
601	B.Tech(ECE)	UC-BTEC-411-19	Analog Circuits Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-412-19	Microprocessors and Microcontrollers Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-501-19	Analog and Digital Communication	2019-20
601	B.Tech(ECE)	UC-BTEC-502-19	Digital Signal Processing	2019-20
601	B.Tech(ECE)	UC-BTEC-503-19	Linear Integrated Circuits	2019-20
601	B.Tech(ECE)	UC-BTEC-504-19	Control Systems	2019-20
601	B.Tech(ECE)	UC-BTEC-901A-18	AC & DC Motors	2019-20
601	B.Tech(ECE)	UC-BTEC-901C-18	Satellite Communication	2019-20
601	B.Tech(ECE)	UC-BTEC-901F-18	Java Programming	2019-20
601	B.Tech(ECE)	UC-BTEC-511-18	Analog and Digital Communication Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-512-18	Digital Signal Processing Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-513-18	Linear Integrated Circuits Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-601-18	Wireless Communication	2019-20
601	B.Tech(ECE)	BTEC-504-18	Computer Networks	2019-20
601	B.Tech(ECE)	UC-BTEC-602-18	Optical Fibres & Communication	2019-20
601	B.Tech(ECE)	UC-BTEC-603-18	Microwave and Antenna Engineering	2019-20
601	B.Tech(ECE)	UC-BTEC-902B-18	Power Electronics	2019-20
601	B.Tech(ECE)	UC-BTEC-902C-18	Mobile Ad hoc Networks	2019-20
601	B.Tech(ECE)	UC-BTEC-902E-18	Artificial Neural Network	2019-20
601	B.Tech(ECE)	UC-BTEC-611-18	Optical Fibres & Communication Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-612-18	Microwave and Antenna Engineering Laboratory	2019-20
601	B.Tech(ECE)	UC-BTEC-631-18	Project-I	2019-20
601	B.Tech(ECE)	BTEC-907A-18	Internet of Things (IoT) and Cloud Computing	2019-20
601	B.Tech(ECE)	BTEC-907C-18	Robotics and Embedded Systems	2019-20
601	B.Tech(ECE)	BTEC-908C-18	VLSI Design	2019-20
601	B.Tech(ECE)	BTEC-909C-18	Embedded Systems Design	2019-20
601	B.Tech(ECE)	BTEC-909E-18	Bio Medical Signal Processing	2019-20
601	B.Tech(ECE)	BTEC-907B-18	Antenna Radiating Systems	2019-20
601	B.Tech(ECE)	BTEC-908A-18	Artificial Intelligence	2019-20
601	B.Tech(ECE)	BTEC-908B-18	Wireless Sensor Networks	2019-20
601	B.Tech(ECE)	BTEC-909B-18	Information Theory and Coding	2019-20
601	B.Tech(ECE)	BTEC-909D-18	Artificial Intelligence and Machine Learning	2019-20
601	B.Tech(ECE)	BTEC-907D-18	Python Programming	2019-20
601	B.Tech(ECE)	BTEC-907E-18	Adaptive Signal Processing	2019-20
601	B.Tech(ECE)	BTEC-908D-18	Soft Computing	2019-20
601	B.Tech(ECE)	BTEC-909A-18	Big Data Fundamentals	2019-20
601	B.Tech(ECE)	BTEC-908E-18	Digital Image and Video Processing	2019-20
601	B.Tech(ECE)	BTEC-731-18	Project-II	2019-20
378	M Tech(Wireless Communication)	MTWC-101-18	Wireless and Mobile Communication	2016-17
378	M Tech(Wireless Communication)	MTWC-102-18	Information Theory and Coding	2016-17
378	M Tech(Wireless Communication)	MTWC-PE1X-18	Elective I	2016-17
378	M Tech(Wireless Communication)	MTWC-PE2X-18	Elective II	2016-17
378	M Tech(Wireless Communication)	MTWC-111-18	Wireless Communication Lab	2016-17
378	M Tech(Wireless Communication)	MTWC-112-18	Information Theory and Coding Lab	2016-17
378	M Tech(Wireless Communication)	MTRM-101-18	Research Methodology & IPR	2016-17
378	M Tech(Wireless Communication)	MTAXX-18	Audit Course -I	2016-17

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378	M Tech(Wireless Communication)	MTWC-103-18	Advance Wireless Communication	2016-17
378	M Tech(Wireless Communication)	MTWC-104-18	Soft Computing Techniques	2016-17
378	M Tech(Wireless Communication)	MTWC-105-18	Simulation of Wireless Communication Systems	2016-17
378	M Tech(Wireless Communication)	MTWC-PE3X-18	Elective-III	2016-17
378	M Tech(Wireless Communication)	MTWC-PE4X-18	Elective-IV	2016-17
378	M Tech(Wireless Communication)	MTWC-113-18	Wireless Communication Simulation Lab	2016-17
378	M Tech(Wireless Communication)	MTWC-MP1-18	Mini Project	2016-17
378	M Tech(Wireless Communication)	MTAXX-18	Audit Course-II	2016-17
378	M Tech(Wireless Communication)	MTWC-PE5X-18	Elective -V	2016-17
378	M Tech(Wireless Communication)	MTOE-301X-18	Open Elective	2016-17
378	M Tech(Wireless Communication)	MTWC-DS1-18	Dissertation Phase -I	2016-17
378	M Tech(Wireless Communication)	MTWC-DS2-18	Dissertation Phase -II	2016-17
101	PhD(ECE)		Research Methodology	2016-17
101	PhD(ECE)		Advanced Wireless Communication	2016-17
101	PhD(ECE)		Advanced Communication Systems	2016-17
101	PhD(ECE)		Advanced Digital Signal processing	2016-17
101	PhD(ECE)		Real Time Concepts for Embedded Systems	2016-17
101	PhD(ECE)		Radiating systems	2016-17
101	PhD(ECE)		Microwave and Millimeter Wave circuits	2016-17
101	PhD(ECE)		RF & Microwave System Design	2016-17
101	PhD(ECE)		Image and Video Processing	2016-17
101	PhD(ECE)		Bio-Medical Signal Processing	2016-17
101	PhD(ECE)		MOS Circuit Design	2016-17
101	PhD(ECE)		Low Power VLSI Circuits	2016-17
101	PhD(ECE)		Advanced Data Communication	2016-17
101	PhD(ECE)		Coding Theory and Techniques	2016-17
101	PhD(ECE)		Optical Communication Technology	2016-17
101	PhD(ECE)		Optical Networks.	2016-17
17	B.Tech(ECE)	BTEC-301-18	Electronic Devices	2021-22
17	B.Tech(ECE)	BTEC-302-18	Digital System Design	2021-22
17	B.Tech(ECE)	BTEC-303-18	Electromagnetic Waves	2021-22
17	B.Tech(ECE)	BTEC-304-18	Network Theory	2021-22
17	B.Tech(ECE)	BTEC-311-18	Electronic Devices Laboratory	2021-22
17	B.Tech(ECE)	BTEC-312-18	Digital System Design Laboratory	2021-22
17	B.Tech(ECE)	BTEC-321-18	4-Week Institutional Training	2021-22
17	B.Tech(ECE)	BMPD-331-18	Mentoring and Professional Development	2021-22
17	B.Tech(ECE)	BTEC-401-18	Analog Circuits	2021-22
17	B.Tech(ECE)	BTEC-402-18	Microprocessors and Microcontrollers	2021-22
17	B.Tech(ECE)	BTEC-403-18	Signals and Systems	2021-22
17	B.Tech(ECE)	BTEC-411-18	Analog Circuits Laboratory	2021-22
17	B.Tech(ECE)	BTEC-412-18	Microprocessors and Microcontrollers Laboratory	2021-22
17	B.Tech(ECE)	UC-BTEC-501-18	Analog and Digital Communication	2021-22
17	B.Tech(ECE)	UC-BTEC-502-18	Digital Signal Processing	2021-22
17	B.Tech(ECE)	UC-BTEC-503-18	Linear Integrated Circuits	2021-22
17	B.Tech(ECE)	UC-BTEC-504-18	Control Systems	2021-22
17	B.Tech(ECE)	UC-BTEC-901A-18	AC & DC Motors	2021-22
17	B.Tech(ECE)	UC-BTEC-901C-18	Satellite Communication	2021-22
17	B.Tech(ECE)	UC-BTEC-901F-18	Java Programming	2021-22
17	B.Tech(ECE)	UC-BTEC-511-18	Analog and Digital Communication Laboratory	2021-22
17	B.Tech(ECE)	UC-BTEC-512-18	Digital Signal Processing Laboratory	2021-22
17	B.Tech(ECE)	UC-BTEC-513-18	Linear Integrated Circuits Laboratory	2021-22
17	B.Tech(ECE)	UC-BTEC-601-18	Wireless Communication	2021-22
17	B.Tech(ECE)	BTCS-504-18	Computer Networks	2021-22
17	B.Tech(ECE)	UC-BTEC-602-18	Optical Fibres & Communication	2021-22
17	B.Tech(ECE)	UC-BTEC-603-18	Microwave and Antenna Engineering	2021-22
17	B.Tech(ECE)	UC-BTEC-902B-18	Power Electronics	2021-22


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				2021-22
17	B.Tech(ECE)	UC-BTEC-902C-18	Mobile Ad hoc Networks	2021-22
17	B.Tech(ECE)	UC-BTEC-902E-18	Artificial Neural Network	2021-22
17	B.Tech(ECE)	UC-BTEC-611-18	Optical Fibres & Communication Laboratory	2021-22
17	B.Tech(ECE)	UC-BTEC-612-18	Microwave and Antenna Engineering Laboratory	2021-22
17	B.Tech(ECE)	UC-BTEC-631-18	Project-I	2021-22
17	B.Tech(ECE)	BTEC-907A-18	Internet of Things (IoT) and Cloud Computing	2021-22
17	B.Tech(ECE)	BTEC-907C-18	Robotics and Embedded Systems	2021-22
17	B.Tech(ECE)	BTEC-908C-18	VLSI Design	2021-22
17	B.Tech(ECE)	BTEC-909C-18	Embedded Systems Design	2021-22
17	B.Tech(ECE)	BTEC-909E-18	Bio Medical Signal Processing	2021-22
17	B.Tech(ECE)	BTEC-907B-18	Antenna Radiating Systems	2021-22
17	B.Tech(ECE)	BTEC-908A-18	Artificial Intelligence	2021-22
17	B.Tech(ECE)	BTEC-908B-18	Wireless Sensor Networks	2021-22
17	B.Tech(ECE)	BTEC-909B-18	Information Theory and Coding	2021-22
17	B.Tech(ECE)	BTEC-909D-18	Artificial Intelligence and Machine Learning	2021-22
17	B.Tech(ECE)	BTEC-907D-18	Python Programming	2021-22
17	B.Tech(ECE)	BTEC-907E-18	Adaptive Signal Processing	2021-22
17	B.Tech(ECE)	BTEC-908D-18	Soft Computing	2021-22
17	B.Tech(ECE)	BTEC-909A-18	Big Data Fundamentals	2021-22
17	B.Tech(ECE)	BTEC-908E-18	Digital Image and Video Processing	2021-22
17	B.Tech(ECE)	BTEC-731-18	Project-II	2021-22
597	B.Tech AI&ML	BTES-301-18	Digital Electronics	2022-23
597	B.Tech AI&ML	BTCS-301-18	Data Structure & Algorithms	2022-23
597	B.Tech AI&ML	BTCS-302-19	Object Oriented Programming	2022-23
597	B.Tech AI&ML	BTES-302-18	Digital Electronics Lab	2022-23
597	B.Tech AI&ML	BTCS-303-18	Data Structure & Algorithms Lab	2022-23
597	B.Tech AI&ML	BTCS-304-18	Object Oriented Programming Lab	2022-23
597	B.Tech AI&ML	BTCS-305-18	IT Workshop	2022-23
597	B.Tech AI&ML	BTES 401-18	Computer Organization & Architecture	2022-23
597	B.Tech AI&ML	BTCS 402-18	Operating Systems	2022-23
597	B.Tech AI&ML	BTCS 403-18	Design & Analysis of Algorithms	2022-23
597	B.Tech AI&ML	BTES 402-18	Computer Organization & Architecture Lab	2022-23
597	B.Tech AI&ML	BTCS 404-18	Operating Systems Lab	2022-23
597	B.Tech AI&ML	BTCS 405-18	Design & Analysis of Algorithms Lab	2022-23
597	B.Tech AI&ML	BTES 501-20	Statistical Computing Techniques using R	2022-23
597	B.Tech AI&ML	BTCS 501-18	Database Management Systems	2022-23
597	B.Tech AI&ML	BTCS 502-18	Formal Language & Automata Theory	2022-23
597	B.Tech AI&ML	BTAI ML 501-20	Programming in Python	2022-23
597	B.Tech AI&ML	BTAI ML 502-20	Artificial Intelligence	2022-23
597	B.Tech AI&ML	BTES 502-20	Statistical Computing Techniques using R lab	2022-23
597	B.Tech AI&ML	BTCS 505-18	Database Management Systems lab	2022-23
597	B.Tech AI&ML	BTAI ML 503-20	Programming in Python Lab	2022-23
597	B.Tech AI&ML	BTAI ML 504-20	Artificial Intelligence Lab	2022-23
597	B.Tech AI&ML	BTCS 504-18	Computer Networks	2022-23
597	B.Tech AI&ML	BTCS 619-18	Machine Learning	2022-23
597	B.Tech AI&ML	BTCS 603-18	Project-1	2022-23
597	B.Tech AI&ML	BTCS 507-18	Computer Networks Lab	2022-23
597	B.Tech AI&ML	BTCS 620-18	Machine Learning Lab	2022-23
597	B.Tech AI&ML	BTCS 601-18	Compiler Design	2022-23
597	B.Tech AI&ML	BTAI ML70 1-20	Computer Vision	2022-23
597	B.Tech AI&ML	BTCS 703-18	Project-II	2022-23
597	B.Tech AI&ML	BTCS 801-20	Semester Training	2022-23
597	B.Tech AI&ML	BTAI ML 505-20	Data Visualization using tableau	2022-23
597	B.Tech AI&ML	BTAI ML 506-20	User Interface development	2022-23
597	B.Tech AI&ML	BTAI ML 509-20	Java Programming	2022-23
597	B.Tech AI&ML	BTCS702-18	Data Mining and Data Warehouse	2022-23
597	B.Tech AI&ML	Graph Theory	Graph Theory	2022-23
597	B.Tech AI&ML	Big Data Analytics	Big Data Analytics	2022-23
597	B.Tech AI&ML	BTAI ML603-20	Neural Networks	2022-23
597	B.Tech AI&ML	BTAI ML605-20	Recommender System	2022-23
597	B.Tech AI&ML	BTAI ML607-20	Advance Computing and Network Technologies	2022-23
597	B.Tech AI&ML	BTAI ML703-20	NLP and Information Retrieval	2022-23
597	B.Tech AI&ML	BTAI ML705-20	Network Security Applications using AI	2022-23
597	B.Tech AI&ML	BTAI ML707-20	Robotics and Intelligent systems	2022-23
597	B.Tech AI&ML	BTCS704-18	Deep Learning	2022-23
597	B.Tech AI&ML	BTAI ML709-20	Applied Intelligence	2022-23
597	B.Tech AI&ML	BTAI ML711-20	Augmented and Virtual reality	2022-23

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3.1 List of courses offered across all programs during last year

Program code	Program name	Course code	Course name	Year of offering the course
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT111-21	Introduction to Food Science	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT112-21	Technology of Food Preservation	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT113-21	Lab - Introduction to Food Science	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT114-21	Lab - Technology of Food Preservation	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-209-21	Introduction to Computer	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-210-21	Introduction to Computer (Lab)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BTHU103-18	English	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BTHU104-18	English (Lab)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	HVPE101-18	Human Values, De-addiction and Traffic Rules	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	HVPE102-18	Human Values, De-addiction and Traffic Rules (Lab/ Seminar)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology		Mentoring and Professional Development	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT121-18	Food and Nutrition	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT122-18	Post-harvest management of Fruits & Vegetables	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT123-18	Lab - Food and Nutrition	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT124-18	Lab-Post-harvest management of Fruits & Vegetables	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCSEC-101-21	Entrepreneurship Development	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCSEC-102-21	Food Product Development	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-201-21	Introduction to Biology	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-202-21	Introduction to Biology (Lab)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	EVS102-18	Environmental Science	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT211-21	Food Microbiology	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT212-21	Food Chemistry-I	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT213-21	Technology of Fruits, Vegetables and Plantation Crops	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT214-21	Lab - Food Microbiology	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT215-21	Lab - Food Chemistry-I	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT216-21	Lab- Technology of Fruits, Vegetables and Plantation Crops	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-201-21	Introduction to Biology	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-202-21	Introduction to Biology (Lab)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BMPD302-18	Mentoring and Professional Development	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT221-21	Technology of Cereals, Pulses and Oilseeds	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT222-21	Food Chemistry-II	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT223-21	Technology of Meat, Fish & Poultry	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT224-21	Lab - Technology of Cereals, Pulses and Oilseeds	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT225-21	Lab - Food Chemistry-II	2022

635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSFT226-21	Lab- Technology of Meat, Fish & Poultry	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCSE-104-21	Confectionary Technology (Lab)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-205-21	Biochemistry	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BSCGE-206-21	Biochemistry (Lab)	2022
635 / B.Sc (Hons.) Food Technology	B.Sc (Hons) Food Technology	BMPD402-18	Mentoring and Professional Developmen	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-511-19	Food Chemistry	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-512-19	Principles of Food Engineering	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-513-19	Food Microbiology	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-514-19	Food Processing & Preservation	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-515-19	Lab - I (Food Microbiology)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-516-19	Lab - II (Food Preservation & Analysis)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-517-19	Nutraceuticals & Functional Foods	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-521-19	Dairy Technology	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-522-19	Technology of Fruits & Vegetables	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-523-19	Packaging Technology	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-524-19	Lab - III (Dairy Technology)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-525-19	Lab - IV (Technology of Fruits & Vegetables)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-526-19	Lab - V (Packaging Technology)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-527-19	Bioprocess Technology	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-528-19	Technology of Beverages	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-529-19	Lab - VI (Bioprocess Technology)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-530-19	Lab - VII (Technology of Beverages)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-611-19	Technology of Cereals, Pulses & oilseeds	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-612-19	Food Safety, Standards & Quality Control	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-613-19	Agri Business Management	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-614-19	Lab - VIII (Technology of Cereals, Pulses & oilseeds)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-615-19	Food Additives	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-616-19	Nutrition & Health	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-617-19	Lab – IX (Food Additives)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-618-19	Lab – X (Nutrition & Health)	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-619-19	In-Plant Training	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-620-19	Seminar	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-621-19	Snack Food Technology	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-622-19	Food Biotechnology	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-623-19	Technology of Meat, Fish an Poultry	2022
400/ M.Sc. Food Technology	M.Sc. Food Technology	UC-MSFT-624-19	Dissertation	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR101-19	Foundation Course	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR102-19	Fundamentals of Clinical Research	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR103-19	General Pharmacology	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR104-19	Clinical Research Lab	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR105-19	Professional Communication	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR106-19	Seminar/Journal Club	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR 111-19	Intellectual Property Rights	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR 115-19	Fundamentals of Physiology	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR 201-19	Pharmacotherapeutics - I	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR202-19	Clinical Research Regulations & Ethics	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR203-19	Clinical Research Lab-II	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR204-19	Professional Communication Lab	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR205-20	Medical Writing	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR206-19	Journal Club	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR212-19	Intellectual Property Rights	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR213-19	Biostatistics in Clinical Research	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR301-19	Pharmacotherapeutics -II	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR302-19	Clinical Study Design	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR303-19	Research Methodology	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR304-19	Pharmacovigilance	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR305-19	Clinical Research Lab III	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR306-19	ICT Skills Lab	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR307-19	Journal Club	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR308-19	Synopsis	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR311-20	Clinical Trial Operations	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR313-19	Pharmacoeconomics & Health Technology Assessment	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR401-19	Seminar	2022

613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR402-19	Dissertation	2022
613/M.Sc. Clinical Research	M.Sc. Clinical Research	UC-MSCR403-19	Co-curricular Activities	2022


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Dr.Rajneesh Sachdev (FST)
 (Signature of Head of Department)

Department of Management & Hospitality

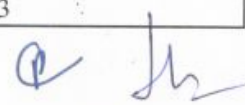
3.1 List of courses offered across all programs during last five years				
Program code	Program name	Course code	Course name	Year of offering the course
28	MBA	MBA101-18	Foundations of Management	2022-23
28	MBA	MBA 102-18	Managerial Economics	2022-23
28	MBA	MBA 103-18	Quantitative Techniques	2022-23
28	MBA	MBA 104-18	Accounting for Management and Reporting	2022-23
28	MBA	MBA 105-18	Business Environment and Indian Economy	2022-23
28	MBA	MBA 106-18	Business Ethics and CSR	2022-23
28	MBA	MBA 107-18	Business Communication for Managerial Effectiveness	2022-23
28	MBA	MBA 201-18	Business Analytics for Decision Making	2022-23
28	MBA	MBA 202-18	Legal Environment for Business	2022-23
28	MBA	MBA 203-21	Marketing Management	2022-23
28	MBA	MBA 204-18	Human Resource Management	2022-23
28	MBA	MBA 205-18	Production and Operations Management	2022-23
28	MBA	MBA 206-21	Corporate Finance and Policy	2022-23
28	MBA	MBA 207-18	Entrepreneurship and Project Management	2022-23
28	MBA	MBAGE 201-18	Computer Applications for Business	2022-23
28	MBA	MBA 301-18	Organizational Behaviour & Design	2022-23


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28	MBA	MBA 302-18	Marketing Research	2022-23
28	MBA	MBA 303-18	Seminar on Summer Training Report	2022-23
28	MBA	MBA 921-18	Consumer Behaviour	2022-23
28	MBA	MBA 922-18	Services Marketing	2022-23
28	MBA	MBA 911-18	Investment Analysis and Portfolio Management	2022-23
28	MBA	MBA 912-18	Management of Financial System	2022-23
28	MBA	MBA 931-18	Organizational Change and Development	2022-23
28	MBA	MBA 932-18	Employee Relations	2022-23
28	MBA	MBA 941-18	Data Mining for Business Decisions	2022-23
28	MBA	MBA 942-18	E-commerce and Digital Markets	2022-23
28	MBA	MBA 401-18	Corporate Strategy	2022-23
28	MBA	MBA 402-18	Project	2022-23
28	MBA	MBA 403-18	Workshop on Indian Ethos	2022-23
28	MBA	MBA 923-18	Integrated Marketing Communication and Brand Management	2022-23
28	MBA	MBA 924-18	Retail and Sales Management	2022-23
28	MBA	MBA 925-18	International and Social Media Marketing	2022-23
28	MBA	MBA 926-18	Bottom of Pyramid and B2B Marketing	2022-23
28	MBA	MBA 913-18	Behavioural Finance	2022-23

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28	MBA	MBA 914-18	Mergers, Acquisition and Corporate Restructuring	2022-23
28	MBA	MBA 915-18	International Finance and Financial Derivatives	2022-23
28	MBA	MBA 916-18	Personal Financial Planning and Taxation	2022-23
28	MBA	MBA 933-18	International Human Resource Management	2022-23
28	MBA	MBA 934-18	Strategic HRM	2022-23
28	MBA	MBA 935-18	Leadership and Team Dynamics	2022-23
28	MBA	MBA 936-18	Performance and Compensation Management	2022-23
28	MBA	MBA 943-18	Managing Software Projects	2022-23
28	MBA	MBA 944-18	Managing Digital Information and Transformation	2022-23
28	MBA	MBA 945-18	IT Consulting	2022-23
28	MBA	MBA 946-18	Strategic Management of IT	2022-23
9	BBA	BBA 101-18	Principles and Practices of Management	2022-23
9	BBA	BBA 102-18	Basic Accounting	2022-23
9	BBA	BBAGE 101-18	Managerial Economics I	2022-23
9	BBA	BTHU103/18	English	2022-23
9	BBA	BTHU104/18	English Practical/Laboratory	2022-23
9	BBA	HVPE101-18	Human Values, De-addiction and Traffic Rules	2022-23



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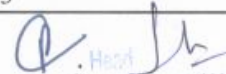
9 BBA	HVPE102-18	Human Values, De-addiction and Traffic Rules (Lab/ Seminar)	2022-23
9 BBA	BMPD 102-18	Mentoring and Professional Development	2022-23
9 BBA	BBA 201-18	Business Statistics	2022-23
9 BBA	BBA 202-18	Business Environment	2022-23
9 BBA	BBAGE 201-18	Managerial Economics II	2022-23
9 BBA	EVS102-18	Environmental Studies	2022-23
9 BBA	BMPD 202-18	Mentoring and Professional Development	2022-23
9 BBA	BBA 301-18	Organizational Behaviour	2022-23
9 BBA	BBA 302-18	Marketing Management	2022-23
9 BBA	BBA 303-18	Cost & Management Accounting	2022-23
9 BBA	BBAGE 301-18	Production and Operation Management	2022-23
9 BBA	BBASEC 301-18	IT tools for Business	2022-23
9 BBA	BMPD 302-18	Mentoring and Professional Development	2022-23
9 BBA	BBA 401-18	Business Research Methods	2022-23
9 BBA	BBA 402-18	Human Resource Management	2022-23
9 BBA	BBA 403-18	Financial Management	2022-23
9 BBA	BBAGE 401-18	Entrepreneurship Development	2022-23
9 BBA	BBASEC 401-18	Business Ethics and Corporate Social Responsibility	2022-23


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9	BBA	BMPD 402-18	Mentoring and Professional Development	2022-23
9	BBA	BBA501-18	Operation Research	2022-23
9	BBA	BBA502-18	Mercantile Law	2022-23
9	BBA	BMPD 502-18	Mentoring and Professional Development	2022-23
9	BBA	BBA 511-18	Consumer Behaviour	2022-23
9	BBA	BBA 512-18	Advertising and Sales Management	2022-23
9	BBA	BBA 521-18	Corporate Accounting	2022-23
9	BBA	BBA 522-18	Financial Markets & Services	2022-23
9	BBA	BBA 531-18	Industrial Relations & Labour Law	2022-23
9	BBA	BBA 532-18	Organisation Change & Development	2022-23
9	BBA	BBA 601-18	Strategy Management	2022-23
9	BBA	BBA 602-18	Company Law	2022-23
9	BBA	BMPD 602-18	Mentoring and Professional Development	2022-23
9	BBA	BBA 611-18	Services Marketing	2022-23
9	BBA	BBA 612-18	Retailing and Logistics Management	2022-23
9	BBA	BBA 621-18	Personal Financial Planning	2022-23
9	BBA	BBA 622-18	Direct and Indirect Tax Laws	2022-23
9	BBA	BBA 631	Training & Development	2022-23


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9	BBA	BBA 632	Cross Cultural Human Resource Management	2022-23
9001	PhD	PHD 901	Research Methodology	2022-23
9001	PhD	PHD 902	Accounting and Finance	2022-23
9001	PhD	PHD 903	Marketing Management	2022-23
9001	PhD	PHD 904	Human Resource Management	2022-23
9001	PhD	PHD 905	Report Writing and Presentation	2022-23
9001	PhD	PHD 906	Human Values and Professional Ethics	2022-23
9001	PhD	—	Research and Publication Ethics	2022-23
	BHMCT	BHMCT-101-18	FOOD PRODUCTION FOUNDATION I	2022-23
	BHMCT	BHMCT-102-18	FOOD PRODUCTION FOUNDATION I (PRACTICALS)	2022-23
	BHMCT	BHMCT-103-18	FOOD & BEVERAGE SERVICE FOUNDATION I (THEORY)	2022-23
	BHMCT	BHMCT-104-18	FOOD & BEVERAGE SERVICE FOUNDATION I (PRACTICAL)	2022-23
	BHMCT	BHMCT-105-18	FRONT OFFICE FOUNDATION I (THEORY)	2022-23
	BHMCT	BHMCT-106-18	FRONT OFFICE FOUNDATION I (PRACTICAL'S)	2022-23
	BHMCT	BHMCT-107-18	ACCOMODATION OPERATIONS I (THEORY)	2022-23


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	BHMCT	BHMCT-108-18	ACCOMODATION OPERATIONS I(PRACTICALS)	2022-23
	BHMCT	BHMCT-201-18	FOOD PRODUCTION FOUNDATION -II (THEORY)	2022-23
	BHMCT	BHMCT-202-18	FOOD PRODUCTION FOUNDATION-II (PRACTICAL) (PART A)	2022-23
	BHMCT	BHMCT-203-18	FOOD & BEVERAGE SERVICETION FOUNDA -II (THEORY)	2022-23
	BHMCT	BHMCT-204-18	FOOD & BEVERAGE SERVICE FOUNDATION-II (PRACTICAL)	2022-23
	BHMCT	BHMCT - 205-18	FRONT OFFICE FOUNDATION II (THEORY)	2022-23
	BHMCT	BHMCT - 206-18	FRONT OFFICE FOUNDATION F -II (PRACTICALS)	2022-23
	BHMCT	BHMCT-207-18	ACCOMODATION OPERATIONS-II (THEORY)	2022-23
	BHMCT	BHMCT-208-18	ACCOMODATION OPERATIONS-II (PRACTICALS)	2022-23
	BHMCT	BHMCT301-18	INDUSTRIAL TRAINING	2022-23
	BHMCT	BHMCT 302-18	INDUSTRIAL TRAINING	2022-23
	BHMCT	BHMCT 303-18	INDUSTRIAL TRAINING	2022-23
	BHMCT	BHMCT 304-18	INDUSTRIAL TRAINING	2022-23

	BHMCT	BHMCT 305-18	INDUSTRIAL TRAINING	2022-23
	BHMCT	BHMCT401-18	INTRODUCTION TO INDIAN COOKERY(THEORY)	2022-23
	BHMCT	BHMCT402-18	INTRODUCTION TO INDIAN COOKERY (PRACTICAL)	2022-23
	BHMCT	BHMCT-403-18	FOOD AND BEVERAGESERVICE OPERATIONS-II (THEORY)	2022-23
	BHMCT	BHMCT404-18	FOOD AND BEVERAGE SERVICE OPERATIONS-II (PRACTICAL)	2022-23
	BHMCT	BHMCT-405-18	FRONT OFFICE OPERATIONS - II (THEORY)	2022-23
	BHMCT	BHMCT-406-18	FRONT OFFICE OPERATIONS-II (PRACTICAL)	2022-23
	BHMCT	BHMCT-407-18	ACCOMODATION OPERATIONS - III (THEORY)	2022-23
	BHMCT	BHMCT408-18	ACCOMODATION OPERATIONS - III (PRACTICAL)	2022-23
	BHMCT	BHMCT-409-18	ACCOUNTING SKILLS FOR HOSPITALITY MANAGERS (THEORY)	2022-23
	BHMCT	BHMCT 501-18	Larder & Kitchen practices	2022-23
	BHMCT	BHMCT 502-18	Larder & Kitchen practices (Practical's)	2022-23

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	BHMCT	BHMCT 503-18	Bar operations & Management	2022-23
	BHMCT	BHMCT 504-18	Bar operations & Management (Practicals)	2022-23
	BHMCT	BHMCT 505-18	Front Office Operations & Management	2022-23
	BHMCT	BHMCT 506-18	Front Office Operations & Management	2022-23
	BHMCT	BHMCT 507-18	Accommodation Operations and Management	2022-23
	BHMCT	BHMCT 508-18	Accommodation Operations and Management	2022-23
	BHMCT	BHMCT 509-18	Food and Beverage Control and Management	2022-23
	BHMCT	BHMCT 601-18	International cuisine- An Exploration	2022-23
	BHMCT	BHMCT 602-18	International cuisine- An Exploration (Practical's)	2022-23
	BHMCT	BHMCT 603-18	BANQUET AND RESTAURANT OPERATIONS & MANAGEMENT	2022-23
	BHMCT	BHMCT 604-18	Banquet and restaurant operations & Management Practical's	2022-23
	BHMCT	BHMCT 605-18	Front Office Management	2022-23
	BHMCT	BHMCT 606-18	Front Office Management(Practical's)	2022-23
	BHMCT	BHMCT 607-18	Accommodation Management	2022-23



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	BHMCT	BHMCT 608-18	Accommodation Management (Practical's)	2022-23
	BHMCT	BHMCT 609-18	Principles of Management	2022-23
	BHMCT	BHMCT 701A-18	FOOD PRODUCTION MANAGEMENT	2022-23
	BHMCT	BHMCT 702A-18	FOOD PRODUCTION MANAGEMENT Practicals	2022-23
	BHMCT	BHMCT 703A-18	Tandoor- Principle, Concept and Application	2022-23
	BHMCT	BHMCT 704A-18	Tandoor- Principle, Concept and Application Practicals	2022-23
	BHMCT	BHMCT 701B-18	Food & Beverage Service Management	2022-23
	BHMCT	BHMCT 702B-18	Food & Beverage Service Management Practicals	2022-23
	BHMCT	BHMCT 703B-18	Event Management	2022-23
	BHMCT	BHMCT 704B-18	Event Management Practicals	2022-23
	BHMCT	BHMCT 701C-18	Front office Management	2022-23
	BHMCT	BHMCT 702C-18	Front office Management Practicals	2022-23
	BHMCT	BHMCT 703C-18	Tour & Travel Management	2022-23
	BHMCT	BHMCT 704C-18	Tour & Travel Management Practicals	2022-23


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	BHMCT	BHMCT 701D-18	ACCOMMODATION MANAGEMENT	2022-23
	BHMCT	BHMCT 702D-18	ACCOMMODATION MANAGEMENT PRACTICAL	2022-23
	BHMCT	BHMCT 703D-18	Interior Decoration	2022-23
	BHMCT	BHMCT 704D-18	Interior Decoration Practical	2022-23
	BHMCT	BHMCT 705-18	Principles of Marketing	2022-23
	BHMCT	BHMCT 706-18	Financial Management	2022-23
	BHMCT	BHMCT 707-18	Entrepreneurship	2022-23
	BHMCT	BHMCT 708-18	Project Report	2022-23
	BHMCT	BHMCT 709-18	FACILITY PLANNING	2022-23
	BHMCT	BHMCT 801-18	SPECIALIZED HOSPITALITY TRAINING	2022-23
	BHMCT	BHMCT 802-18	Project Report on emerging trends in Hospitality Industry	2022-23
	BHMCT	BMPD 802-18	MENTORING AND PROFESSIONAL DEVELOPMENT	2022-23


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 Kharar, Mohali-144003

3.1 Number of courses in all Programmes during the year

Department of Journalism & Mass Communication


Sr.No	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Introduction to Communication	MAJMC-101-18	2021-22	Assess the impact of communication on individual groups and society
2	History of Media in India and new trends	MAJMC-102-18	2021-22	knowledge of leaders of public opinion and the role of language press
3	Print Journalism	MAJMC-103-18	2021-22	Know the 5 Ws and 1H of effective information gathering and writing
4	Advertising and Public Relations	MAJMC-104-18	2021-22	Understand brand image and position
5	Media and Society	MAJMC-105-18	2021-22	Know about colonial rule and the models of development
6	Practical	MAJMC-106-18	2021-22	Learn newspaper writing skills
7	Radio & TV Journalism (2)	MAJMC-301-18	2021-22	To familiarize the students with different radio programming formats.
8	Media Research Methods	MAJMC-302-18	2021-22	Become aware of the ethical issues in Communication research.
9	New Media (2)	MAJMC-303-18	2021-22	Learn online editing and publishing
10	International and International and Intercultural Communicatio	MAJMC-304-18	2021-22	Have knowledge about various media giants of International media
11	Environment Journalism	MAJMC-305-18	2021-22	Learn how to write environmental at features.
12	Introduction to Marketing	MAJMC-306-18	2021-22	Know how to plan and implement a media campaign.
13	PRACTICAL WORK	MAJMC-307-18	2021-22	Students have to work in the production of at least one print journal and one news-based production each of the two optional subjects chosen by the student (radio/TV/Internet).
14	Introduction to Journalism	UC/BAJMC-101-19	2021-22	Enhanc the basic knowledge of Journalism

15	Introduction to Media and Communication	UC/BAJMC-102-19	2021-22	Create awareness about Indian political system
16	Indian Political & Social System	UC/BAJMC103-19	2021-22	Enhance the basic knowledge of Journalism
17	Communication Lab	UC/BAJMC-104-19	2021-22	Enhance the basic knowledge of Journalism
18	Introduction to Broadcast Media	BAJMC-301/19	2021-22	It will equip the students with the basics of camera and its Various parts of television.
19	History of Media	BAJMC-302/19	2021-22	The course will help the students in understanding the traditional media of mass communication.
20	Advertising	BAJMC-303/19	2021-22	How to Design an ad copy for a product
21	Public Relations	BAJMC-304/19	2021-22	Employ PR for event management.
22	Interpersonal Communication Skills	BAJMC-305/19	2021-22	Self-Awareness
23	Computer Application in Mass Media	BAJMC-501	2021-22	The students will get the basic knowledge of various components of computer
24	Global Media	BAJMC-502	2021-22	The students will get an insight how global media work
25	Introduction to Community Media	BAJMC-503	2021-22	It will provide of knowledge of alternative media
26	Newspaper Organization and Functioning	BAJMC-504	2021-22	The student will be in the position to understand the relation of all the departments
27	Minor Project	BAJMC-505	2021-22	The course will provide students with the concept of beat and Basics of different types of reporting.
28	Reporting & Editing for Print	BAJMC-201-18	2021-22	The course will make the students aware of the concept of mass culture and its various forms.
29	Media & cultural Studies	BAJMC-202-18	2021-22	The course will provide an overview of media industry at international level.
30	Global Media and Politics	BAJMC-203-18	2021-22	The course will provide a better understanding of the ethical issues related to Media

31	Media Ethics and Laws	BAJMC-204-18	2021-22	It will become easy to work as PRO with any organization.
32	Media Lab	BAJMC-205-18	2021-22	Learn online editing and publishing
33	Advanced New Media	BAJMC401-18	2021-22	The course will provide a better understanding of new media technologies
34	Development Communication	BAJMC402-18	2021-22	The course will make the students aware of the concept of various model of mass communication
35	Communication Research and Methods	BAJMC403-18	2021-22	This course will provide the students with the concept of research and various types of research.
36	Advanced Broadcast Media	BAJMC404-18	2021-22	The students will get an insight into the various laws and policy of private broadcasting.
37	New Media Writing and Publishing	BAJMC405-18	2021-22	Use the internet to their advantage and avoid pitfall of information gathered from the unreliable source.
38	Media Management Laws & Ethics	MAJMC-401-18	2021-22	Visits to media houses, interaction with managers. Study of cases heard by PCI, and/or heard in the court of law et
39	Development Communication	MAJMC-402-18	2021-22	Specialised report of Students will learn the importance of Development starting to development
40	Film Appreciation	MAJMC-403-18	2021-22	Use understanding of film technique and film as an art medium as tools to analyze film.
41	Sports Journalism	MAJMC-405-18	2021-22	It will provide the knowledge about the History and Tradition of Sports.
42	Personality Development and soft skills	MAJMC-406-18	2021-22	Personality Development
43	Research dissertation	MAJMC-407-18	2021-22	Develop research acumen
44	Marketing Communication	BAJMC-601	2021-22	The students will learn the role of advertising and its effects
45	Basic principles of Communication	BAJMC-602	2021-22	They will learn the process and barriers to communication
46	Visual Communication Basics	BAJMC-603	2021-22	It will provide the knowledge psychological processing

47	Photo Journalism	BAJMC-604	2021-22	The skill of photography will be enhanced
48	New Media (1)	MAJMC-202-18	2021-22	Use the internet to their advantage and avoid pitfalls of information gathered from unreliable internet sources.
49	Radio & TV Journalism (1)	MAJMC-203-18	2021-22	Students will have knowledge of different formats of radio and TV
50	Communication : Theory and Practice	MAJMC-204-18	2021-22	Assess the media effect and convergence
51	Environment Environment Journalism	MAJMC-205-18	2021-22	Understand the dimensions of communication
52	Business Journalism	MAJMC-206-18	2021-22	The student will have an understanding of basic areas in business Journalism and how to write about them with intelligence and understanding.
53	PRACTICAL WORK	MAJMC-207-18	2021-22	Students have to work in the production of at least one print journal and one news-based production each of the two optional subjects chosen by the student (radio/TV/Internet).
54	Research Methodology	PREPHDJMC-101	2021-22	Demonstrate skills in course design, classroom teaching, and evaluation of student performance through exams papers.
55	Communication Theori	PREPHDJMC-102	2021-22	Learn the relevance of communication theories and its application in field.
56	Relevant Knowledge in Area of Research/Seminar	PREPHDJMC-103	2021-22	Presentation skills will be improved.
57	Interdisciplinary: Computer Applications	PREPHDJMC-104	2021-22	To make students understand the basics of software useful for research

Year	2021-22
Number	57


 Head of Journalism & Mass Communication
 Dr. Ranbir Singh
 (Head of the Department)

3.1 List of courses offered across all programs during the year of 2022-23

Program code	Program name	Course code	Course name	Year of offering the
PHDE	PhD English	PhD-ENG	Paper-I Research Methodology	2021-22
PHDE	PhD English	PhD-ENG	Paper-II (Option-I) Critical Approaches to Literature	2021-22
PHDE	PhD English	PhD-ENG	Paper-II (Option-II) Stylistics, ELT & Narratology	2021-22
PHDE	PhD English	PhD-ENG	Paper-III , Applied Research Methodology	2021-22
PHDE	PhD English	PhD-ENG	Paper-IV (Option-I) Communication Studies	2021-22
PHDE	PhD English	PhD-ENG	Paper-IV (Option-II) Literature & Mass Media	2021-22
PHDE	PhD English	PhD-ENG	Paper-V Research and Publication Ethics (RPE)	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-I Research Methodology	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-II Literarty Theory and Punjabi Literature	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-III Applied Research Methodology	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-IV Comperative Literature and Translaion	2021-22
PHDE	PhD English	PhD-ENG	Paper-I Research Methodology	2021-22
PHDE	PhD English	PhD-ENG	Paper-II (Option-I) Critical Approaches to Literature	2021-22
PHDE	PhD English	PhD-ENG	Paper-II (Option-II) Stylistics, ELT & Narratology	2021-22
PHDE	PhD English	PhD-ENG	Paper-III Applied Research Methodology	2021-22
PHDE	PhD English	PhD-ENG	Paper-IV (Option-I) Communication Studies	2021-22
PHDE	PhD English	PhD-ENG	Paper-IV (Option-II) Literature & Mass Media	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-I Research Methodology	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-II Literarty Theory and Punjabi Literature	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-III Applied Research Methodology	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-IV Comperative Literature and Translaion	2021-22
PHDP	PhD Punjabi	PhD-PBI	Paper-V Research and Publication Ethics (RPE)	2021-22

Number of courses in all programmes during the year of 2022-23

Year	2022-23
Number	22

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Department of Humanities, Languages
and Cultural Studies
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of courses offered across all programs during 2022-23

Program code	Program name	Course code	Course name	Year of offering the course
15	B.TECH (CSE)	BTPHXX-18	Physics	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Physics lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Math I	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Basic Electrical Engineering	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Basic Electrical Engineering (Lab)	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Engineering Graphics & Design	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Mentoring and Professional Development	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Chemistry-I	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Chemistry-I LAB	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Maths-II	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Programming for Problem Solving	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Programming for Problem Solving (Lab)	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Workshop / Manufacturing Practices	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	English	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	English (Lab)	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Mentoring and Professional Development	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Digital Electronics	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Data structure & Algorithms	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Object Oriented Programming	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Mathematics-III	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Foundation Course in Humanities (Development of Societies/Philosophy)	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Digital Electronics Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Data structure & Algorithms Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Object Oriented Programming lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	IT Workshop*	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Summer Institutional Training	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Discrete Mathematic	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Computer Organization & Architecture	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Operating Systems	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Design & Analysis of Algorithms	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Universal Human Values 2	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Environmental Sciences	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Computer Organization & Architecture Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Operating Systems Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Design & Analysis of Algorithms Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Enterprise Resource Planning	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Database Management Systems	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Formal Language & Automata Theory	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Software Engineering	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Computer Networks	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Programming in Python	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Constitution of India/ Essence of Indian Traditional Knowledge	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Database Management Systems Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Software Engineering Lab	2022-23
15	B.TECH (CSE)	B.TECH (CSE)	Computer Networks Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Programming in Python Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Industrial *Training	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Compiler Design	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Artificial Intelligence	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Cloud computing	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Machine Learning	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Open Elective-I	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Project-I	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Compiler Design Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Artificial Intelligence Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Cloud computing lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Mobile Application Development lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Network Security and Cryptography	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Data Mining and Data Warehousing	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Open Elective-II	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Deep Learning	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Deep Learning Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Adhoc and Wireless sensor networks	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Adhoc and Wireless sensor networks lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Project-II	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Semester Training	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Software Engineering Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Simulation and Modeling Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Artificial Intelligence	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Theory of Computation	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Project	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Software Testing and Quality Assurance	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Cloud Computing	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Artificial Intelligence Lab	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Software Training	2022-23
131	B.TECH (CSE)	B.TECH (CSE)	Industry Oriented Project Training	2022-23
131	B.TECH (CE)	BTCE- 301-18	Surveying & Geomatics	2022-23
131	B.TECH (CE)	BTCE- 302-18	Solid Mechanics	2022-23
131	B.TECH (CE)	BTCE- 303-18	Fluid Mechanics	2022-23
131	B.TECH (CE)	BTAM- 301-18	Mathematics III * (Transform & Discrete	2022-23
131	B.TECH (CE)	BTEC- 305-18	Basic Electronics & applications in Civil Engineering	2022-23
131	B.TECH (CE)	HSMC- 132-18	Civil Engineering- Introduction, Societal & Global Impact	2022-23
131	B.TECH (CE)	BTCE- 306-18	Surveying & Geomatics Lab	2022-23
131	B.TECH (CE)	BTCE- 307-18	Fluid Mechanics Lab	2022-23
131	B.TECH (CE)	BTCE- 308-18	Solid Mechanics Lab	2022-23
30	B.TECH (CE)	BMPD- 301-18	Mentoring and Professional Development	2022-23
30	B.TECH (CE)	BTCE- 332-18	Training - I*	2022-23
30	B.TECH (CE)	BTCE- 401-18	Concrete Technology	2022-23
30	B.TECH (CE)	BTCE- 402-18	Material, Testing & Evaluation	2022-23
30	B.TECH (CE)	BTCE- 403-18	Hydrology & Water Resources	2022-23
30	B.TECH (CE)	BTCE- 404-18	Transportation Engineering	2022-23
30	B.TECH (CE)	BTCE- 405-18	Disaster Management	2022-23
30	B.TECH (CE)	EVS- 101-18	Environment Science (Non- credit)	2022-23
30	B.TECH (CE)	BTCE- 406-18	Concrete Testing Lab	2022-23
30	B.TECH (CE)	BTCE- 407-18	Transportation Lab	2022-23
30	B.TECH (CE)	BTCE-432-18	Training -II*	2022-23
30	B.TECH (CE)	BMPD- 401-18	Mentoring and Professional Development	2022-23



				2022-23
				2022-23
30	B.TECH (CE)	BTCE- 501-18	Engineering Geology	2022-23
30	B.TECH (CE)	BTCE- 502-18	Elements of Earthquake Engineering	2022-23
30	B.TECH (CE)	BTCE- 503-18	Construction Engineering & Management	2022-23
30	B.TECH (CE)	BTCE- 504-18	Environmental Engineering	2022-23
30	B.TECH (CE)	BTCE- 505-18	Structural Engineering	2022-23
30	B.TECH (CE)	BTCE- 506-18	Geotechnical Engineering	2022-23
30	B.TECH (CE)	BTCE- 507-18	Geotechnical Lab	2022-23
30	B.TECH (CE)	BTCE- 508-18	Environmental Engineering Lab	2022-23
30	B.TECH (CE)	BTCE-509-18	Structural Lab	2022-23
30	B.TECH (CE)	BMPD-501-18	Mentoring and Professional	2022-23
30	B.TECH (CE)	BTCE- 532-18	Training - II*	2022-23
30	B.TECH (CE)	BTCE- 601-18	Engineering Economics, Estimation Costing	2022-23
30	B.TECH (CE)	PECE-602 X-18	Elective -I	2022-23
30	B.TECH (CE)	PECE- 603 Y-18	Elective -II	2022-23
30	B.TECH (CE)	PECE- 604 Z-18	Elective - III	2022-23
30	B.TECH (CE)	OEZZ- XXX1	Open Elective-I	2022-23
30	B.TECH (CE)	OEZZ- XXX2	Open Elective - II	2022-23
30	B.TECH (CE)	BTMC- 101-18	Constitution of India	2022-23
30	B.TECH (CE)	BMPD- 601-18	Mentoring and Professional Development	2022-23
30	B.TECH (CE)	PECE- 701X-18	Elective - IV	2022-23
30	B.TECH (CE)	PECE- 702Y-18	Elective - V	2022-23
30	B.TECH (CE)	OECE-701- 18	Open Elective -III(Metro system and Engg)	2022-23
30	B.TECH (CE)	PECE- 703Z-18	Elective - VI	2022-23
30	B.TECH (CE)	BTCE-704-18	Project	2022-23
30	B.TECH (CE)	HSMC-255	Professional Practice, Law & Ethics	2022-23
30	B.TECH (CE)	BTMC- 701-18	Management- I (Organization Behavior)	2022-23
30	B.TECH (CE)	BTCE- 801-18	Software Training And Project / Industrial training and Project	2022-23
30	B.TECH (ME)	BMPD-101-18	Mentoring and Professional Development	2022-23
30	B.TECH (ME)	B.TECH (ME)	Mathematics-I	2022-23
30	B.TECH (ME)	B.TECH (ME)	Basic Electrical Engineering	2022-23
30	B.TECH (ME)	B.TECH (ME)	Basic Electrical Engineering(Lab)	2022-23
30	B.TECH (ME)	B.TECH (ME)	Engineering Graphics & Design	2022-23
30	B.TECH (ME)	B.TECH (ME)	Electromagnetism	2022-23
30	B.TECH (ME)	B.TECH (ME)	Electromagnetism Lab	2022-23
30	B.TECH (ME)	B.TECH (ME)	Mentoring and Professional Development	2022-23
30	B.TECH (ME)	B.TECH (ME)	Mathematics-II	2022-23
30	B.TECH (ME)	B.TECH (ME)	Chemistry-I	2022-23
30	B.TECH (ME)	B.TECH (ME)	Chemistry-I Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	English	2022-23
15	B.TECH (ME)	B.TECH (ME)	English Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Workshop/Manufacturing Practices	2022-23
15	B.TECH (ME)	B.TECH (ME)	Programming for Problem solving	2022-23
15	B.TECH (ME)	B.TECH (ME)	Programming for Problem solving Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Fluid Mechanics	2022-23
15	B.TECH (ME)	B.TECH (ME)	Theory of Machines - I	2022-23
15	B.TECH (ME)	B.TECH (ME)	Machine Drawing	2022-23
15	B.TECH (ME)	B.TECH (ME)	Strength of Materials-I	2022-23
15	B.TECH (ME)	B.TECH (ME)	Basic Thermodynamics	2022-23
15	B.TECH (ME)	B.TECH (ME)	Strength of Material Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Theory of Machines Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Fluid Mechanics Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Basic Electronics Engineering	2022-23
15	B.TECH (ME)	B.TECH (ME)	Mentoring and Professional Development	2022-23
15	B.TECH (ME)	B.TECH (ME)	Applied Thermodynamics	2022-23
15	B.TECH (ME)	B.TECH (ME)	Fluid Machines	2022-23
15	B.TECH (ME)	B.TECH (ME)	Strength of Materials-II	2022-23
15	B.TECH (ME)	B.TECH (ME)	Materials Engineering	2022-23
15	B.TECH (ME)	B.TECH (ME)	Theory of Machines-II	2022-23
15	B.TECH (ME)	B.TECH (ME)	Applied Thermodynamics Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Fluid Machines Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Material Engineering Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Environmental Science	2022-23
15	B.TECH (ME)	B.TECH (ME)	Mentoring and Professional Development	2022-23
15	B.TECH (ME)	B.TECH (ME)	Heat Transfer	2022-23
15	B.TECH (ME)	B.TECH (ME)	Design of Machine Elements	2022-23
15	B.TECH (ME)	B.TECH (ME)	Manufacturing Processes	2022-23
15	B.TECH (ME)	B.TECH (ME)	Management and Engineering Economics	2022-23
15	B.TECH (ME)	B.TECH (ME)	Heat Transfer Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Manufacturing Processes Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Numerical Methods Lab	2022-23
15	B.TECH (ME)	B.TECH (ME)	Essence of Indian knowledge Tradition	2022-23
15	B.TECH (ME)	B.TECH (ME)	4-weeks Industrial Training	2022-23
15	B.TECH (ME)	B.TECH (ME)	Refrigeration and Air conditioning	2022-23
15	B.TECH (ME)	B.TECH (ME)	Mechanical Measurements & Metrology	2022-23
15	B.TECH (ME)	B.TECH (ME)	Automobile Engineering	2022-23
15	B.TECH (ME)	B.TECH (ME)	Introduction to Industrial management	2022-23
15	B.TECH (ME)	B.TECH (ME)	Refrigeration and Air conditioning (Lab)	2022-23
15	B.TECH (ME)	B.TECH (ME)	Mechanical Measurements & Metrology (Lab)	2022-23
15	B.TECH (ME)	B.TECH (ME)	Automobile Engineering (Lab)	2022-23
15	B.TECH (ME)	B.TECH (ME)	Minor Project	2022-23
15	B.TECH (ME)	B.TECH (ME)	Non-Conventional Energy Resources	2022-23
15	B.TECH (ME)	B.TECH (ME)	Mechanical Vibrations	2022-23
15	B.TECH (ME)	B.TECH (ME)	Automation in Manufacturing	2022-23
131	B.TECH (ME)	B.TECH (ME)	Fundamentals of Management for Engineers	2022-23
131	B.TECH (ME)	B.TECH (ME)	Composite Materials	2022-23
131	B.TECH (ME)	B.TECH (ME)	Product Design and Development	2022-23
131	B.TECH (ME)	B.TECH (ME)	Road Safety	2022-23
131	B.TECH (ME)	BTME704-18	Project-II	2022-23
131	B.TECH (ME)	BTME-801	Software Training	2022-23
131	B.TECH (ME)	BTME-801	Industrial Training	2022-23
131	BCA	UGCA1901	Mathematics	2022-23
131	BCA	UGCA1902	Fundamentals of Computer and IT	2022-23
131	BCA	UGCA1903	Problem Solving using C	2022-23
131	BCA	UGCA1904	Workshop on Desktop Publishing	2022-23
131	BCA	UGCA1905	Problem Solving using C Laboratory	2022-23
131	BCA	UGCA1906	Fundamentals of Computer and IT	2022-23
131	BCA	BTHU103/18	English	2022-23
131	BCA	BTHU104/18	English Practical/Laboratory	2022-23
131	BCA	HVPE101-18	Human Values, De- addiction and Traffic Rules	2022-23
131	BCA	HVPE102-18	Human Values, De- addiction and Traffic Rules (Lab/ Seminar)	2022-23
131	BCA	BMPD102-18	Mentoring and Professional Development	2022-23



				2022-23
131	BCA	UGCA1907	Fundamentals of Statistics	2022-23
131	BCA	UGCA1908	Computer System Architecture	2022-23
131	BCA	UGCA1909	Object Oriented Programming using C++	2022-23
131	BCA	UGCA1910	Object Oriented Programming using C++ Laboratory	2022-23
131	BCA	UGCA1911	Fundamentals of Statistics Laboratory	2022-23
131	BCA	UGCA1912	Computer System Architecture Laboratory	2022-23
131	BCA	EVS102-18	Environmental Studies	2022-23
131	BCA	BMPD202-18	Mentoring and Professional Development	2022-23
131	BCA	UGCA1913	Computer Networks	2022-23
131	BCA	UGCA1914	Programming in Python	2022-23
131	BCA	UGCA1915	Data Structures	2022-23
131	BCA	UGCA1916	Computer Networks Laboratory	2022-23
131	BCA	UGCA1917	Programming in Python Laboratory	2022-23
131	BCA	UGCA1918	Data Structures Laboratory	2022-23
131	BCA	UGCA1919	PC Assembly & Troubleshooting	2022-23
131	BCA	UGCA1920	PC Assembly & Troubleshooting Laboratory	2022-23
131	BCA	BMPD302-18	Mentoring and Professional Development	2022-23
131	BCA	UGCA1921	Software Engineering	2022-23
131	BCA	UGCA1922	Database Management Systems	2022-23
131	BCA	UGCA1923	Operating Systems	2022-23
131	BCA	UGCA1924	Software Engineering Laboratory	2022-23
131	BCA	UGCA1925	Database Management Systems Laboratory	2022-23
30	BCA	UGCA1926	Operating Systems Laboratory	2022-23
30	BCA	UGCA1927	Web Designing	2022-23
30	BCA	UGCA1928	Web Designing Laboratory	2022-23
30	BCA	BMPD402-18	Mentoring and Professional Development	2022-23
30	BCA	UGCA1929	Programming in PHP	2022-23
30	BCA	UGCA1930	Programming in PHP Laboratory	2022-23
30	BCA	UGCA1932	Programming in Java	2022-23
30	BCA	UGCA1931	Data Warehouse and Mining	2022-23
30	BCA	UGCA1934	Computer Graphics	2022-23
30	BCA	UGCA1938	Programming in Java Laboratory	2022-23
30	BCA	UGCA1937	Data Warehouse and Mining Laboratory	2022-23
30	BCA	UGCA1940	Computer Graphics Laboratory	2022-23
30	BCA	Project	Minor Project	2022-23
30	BCA		Institutional Summer Training*	2022-23
30	BCA	BMPD502-18	Mentoring and Professional Development	2022-23
30	BCA	UGCA1943	Android Programming	2022-23
30	BCA	UGCA1944	Android Programming Laboratory	2022-23
30	BCA	Open Elective-II	Open Elective-II	2022-23
30	BCA	Elective-III	Elective-III	2022-23
30	BCA	Elective-IV	Elective-IV	2022-23
30	BCA	Elective-III	Elective-III Laboratory	2022-23
30	BCA	Elective-IV	Elective-IV Laboratory	2022-23
30	BCA	Project	Major Project	2022-23
30	BCA	BMPD602-18	Mentoring and Professional Development	2022-23
				2022-23

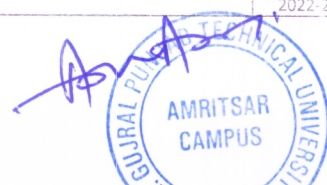
Number of courses offered across all program during the 2022-23			
Year	2022-23		
Number	244		



3.1 List of courses offered across all programs during last five years

Program code	Program name	Course code	Course name	Year of offering the course
15	B.Tech. CSE	BTPH104-18	Semiconductor Physics	2022-2023
		BTPH114-18	Semiconductor Physics Lab	2022-2023
		BTAM104-18	Mathematics Paper I	2022-2023
		BTAM 204-18	Mathematics Paper II	2022-2023
		BTEE101-18	Basic Electrical Engineering	2022-2023
		BTEE102-18	Basic Electrical Engineering (Lab)	2022-2023
		BTME101-18	Engineering Graphics & Design	2022-2023
		BMPD101-18	Mentoring and Professional Development	2022-2023
		BTCH101-18	Chemistry-I	2022-2023
		BTCH102-18	Chemistry-I (Lab)	2022-2023
		BTPS101-18	Programming for Problem Solving	2022-2023
		BTPS102-18	Programming for Problem Solving (Lab)	2022-2023
		BTMP101-18	Workshop / Manufacturing Practices	2022-2023
		BTHU101-18	English	2022-2023
		BTHU102-18	English (Lab)	2022-2023
		BMPD201-18	Mentoring and Professional Development	2022-2023
		BTES 301-18	Digital Electronics	2022-2023
		BTCS 301-18	Data structure & Algorithms	2022-2023
		BTCS 302-18	Object Oriented Programming	2022-2023
		BTAM 304-18	Mathematics-III	2022-2023
		HSMC 101/102-18	Foundation Course in Humanities (Development of Societies/Philosophy)	2022-2023
		BTES 302-18	Digital Electronics Lab	2022-2023
		BTCS 303-18	Data structure & Algorithms Lab	2022-2023
		BTCS 304-18	Object Oriented Programming lab.	2022-2023
		BTCS 305-18	IT Workshop	2022-2023
			Summer Institutional Training	2022-2023
		BTCS 401-18	Discrete Mathematics	2022-2023
		BTES 401-18	Computer Organization & Architecture	2022-2023
		BTCS 402-18	Operating Systems	2022-2023
		BTCS 403-18	Design & Analysis of Algorithms	2022-2023
		HSMC 122-18	Universal Human Values-II	2022-2023
		EVS101- 18	Environmental Sciences	2022-2023
		BTES 402-18	Computer Organization & Architecture Lab	2022-2023
		BTCS 404-18	Operating Systems Lab	2022-2023
		BTCS 405-18	Design & Analysis of Algorithms Lab	2022-2023
		BTCS 501-18	Database Management Systems	2022-2023
		BTCS 502-18	Formal Language & Automata Theory	2022-2023
		BTCS 503-18	Software Engineering	2022-2023
		BTCS 504-18	Computer Networks	2022-2023
		BTCS XXX-18	Elective-I	2022-2023
		BTCS YYY-18	Elective-II	2022-2023
		BTCS 505-18	Database Management Systems Lab	2022-2023
		BTCS 506-18	Software Engineering Lab	2022-2023
		BTCS 507-18	Computer Networks Lab	2022-2023
		BTCS XXX-18	Elective-I Lab	2022-2023
		BTCS YYY-18	Elective-II lab	2022-2023
			Industrial Training	2022-2023
		BTCS 601-18	Compiler Design	2022-2023
		BTCS 602-18	Artificial Intelligence	2022-2023
		BTCS UUU-18	Elective-II	2022-2023
		BTCS YYY-18	Elective-III	2022-2023
		BTOE ***	Open Elective-I	2022-2023
		BTCS 603-18	Project-1	2022-2023
		BTCS 604-18	Compiler Design Lab	2022-2023
		BTCS 605-18	Artificial Intelligence Lab	2022-2023
		BTCS UUU-18	Elective-II lab	2022-2023
		BTCS YYY-18	Elective-III lab	2022-2023
		BTCS 701-18	Network Security and Cryptography	2022-2023
		BTCS 702-18	Data Mining and Data Warehousing	2022-2023
		BTOE ***	Open Elective-II	2022-2023
		BTCS ZZZ-18	Elective- IV	2022-2023
		BTCS TTT-18	Elective-V	2022-2023
		BTCS 703-18	Project-II	2022-2023
		BTCS ZZZ18	Elective- IV lab	2022-2023
		BTCS TTF-18	Elective- V lab	2022-2023
		BTCS 801-18	Semester Training	2022-2023
		BTCS VVV18UC	Elective-V	2022-2023
		BTCS 701- 18UC	Machine Learning	2022-2023
		BTCS 702- 18UC	Project-II	2022-2023

		BTCS 703- 18UC	Machine Learning Lab	2022-2023
		BTCS VVV18UC	Elective-V lab	2022-2023
		BTCS TTT18UC	Elective-VI lab	2022-2023
		BTCS 801-18UC	Semester Training	2022-2023
10	BCA	UGCA1901	Mathematics	2022-2023
		UGCA1902	Fundamentals of Computer and IT	2022-2023
		UGCA1903	Problem Solving using C	2022-2023
		UGCA1904	Workshop on Desktop Publishing	2022-2023
		UGCA1905	Problem Solving using C Laboratory	2022-2023
		UGCA1906	Fundamentals of Computer and IT Laboratory	2022-2023
		BTHU103/18	English	2022-2023
		BTHU104/18	English Practical/Laboratory	2022-2023
		HVPE101-18	Human Values, De-addiction and Traffic Rules	2022-2023
		HVPE102-18	Human Values, De-addiction and Traffic Rules (Lab/ Seminar)	2022-2023
		BMPD102-18	Mentoring and Professional Development	2022-2023
		UGCA1907	Fundamentals of Statistics	2022-2023
		UGCA1908	Computer System Architecture	2022-2023
		UGCA1909	Object Oriented Programming using C++	2022-2023
		UGCA1910	Object Oriented Programming using C++ Laboratory	2022-2023
		UGCA1911	Fundamentals of Statistics Laboratory	2022-2023
		UGCA1912	Computer System Architecture Laboratory	2022-2023
		EVS102-18	Environmental Studies	2022-2023
		BMPD202-18	Mentoring and Professional Development	2022-2023
		UGCA1913	Computer Networks	2022-2023
		UGCA1914	Programming in Python	2022-2023
		UGCA1915	Data Structures	2022-2023
		UGCA1916	Computer Networks Laboratory	2022-2023
		UGCA1917	Programming in Python Laboratory	2022-2023
		UGCA1918	Data Structures Laboratory	2022-2023
		UGCA1919	PC Assembly & Troubleshooting	2022-2023
		UGCA1920	PC Assembly & Troubleshooting Laboratory	2022-2023
		BMPD302-18	Mentoring and Professional Development	2022-2023
		UGCA1921	Software Engineering	2022-2023
		UGCA1922	Database Management Systems	2022-2023
		UGCA1923	Operating Systems	2022-2023
		UGCA1924	Software Engineering Laboratory	2022-2023
		UGCA1925	Database Management Systems Laboratory	2022-2023
		UGCA1926	Operating Systems Laboratory	2022-2023
		UGCA1927	Web Designing	2022-2023
		UGCA1928	Web Designing Laboratory	2022-2023
		BMPD402-18	Mentoring and Professional Development	2022-2023
		UGCA1929	Programming in PHP	2022-2023
		UGCA1930	Programming in PHP Laboratory	2022-2023
		UGCA1936	Open Elective-I	2022-2023
		UGCA1931	Elective-I	2022-2023
		UGCA1934	Elective-II	2022-2023
		UGCA1937	Elective-I Laboratory	2022-2023
		UGCA1940	Elective-II Laboratory	2022-2023
			Project	2022-2023
		BMPD502-18	Mentoring and Professional Development	2022-2023
		UGCA1943	Android Programming	2022-2023
		UGCA1944	Android Programming Laboratory	2022-2023
		UGCA1950	Open Elective-II	2022-2023
		UGCA1945	Elective-III	2022-2023
		UGCA1948	Elective-IV	2022-2023
		UGCA1951	Elective-III Laboratory	2022-2023
		UGCA1954	Elective-IV Laboratory	2022-2023
			Major Project	2022-2023
163	M.Tech. CSE	BMPD602- 18	Mentoring and Professional Development	2022-2023
		MTCS 101-18	Mathematical foundations of Computer Science	2022-2023
		MTCS 102-18	Advanced Data Structures	2022-2023
		MTCS 105-18, MTCS 106-18, MTCS 107-18	Program Elective I	2022-2023
		MTCS 108-18, MTCS 109-18, MTCS 110-18	Program Elective II	2022-2023
		MTRM 101-18	Research Methodology and IPR	2022-2023
		MTA-xx	Audit Course	2022-2023
		MTCS 103-18	Laboratory 1	2022-2023
		MTCS 104-18	Laboratory 2	2022-2023
		MTCS 201-18	Advance Algorithms	2022-2023
		MTCS 202-18	Soft Computing	2022-2023
		MTCS 206-18, MTCS 207- 18 MTCS 208-18	Program Elective III	2022-2023
		MTCS 209-18, MTCS 210-18, MTCS 211-18	Program Elective IV	2022-2023
		MTA-xxx	Audit Course	2022-2023
		MTCS 203-18	Laboratory 3	2022-2023
		MTCS 204-18	Laboratory 4	2022-2023




MTCS 205-18	Mini Project with Seminar	2022-2023
BTME612-18	Composite Materials	2022-2023
BTME614-18	Product Design and Development	2022-2023
BTME409-18	4-weeks Industrial Training	2022-2023
BTME401-18	Applied Thermodynamics	2022-2023
BTME406-18	Applied Thermodynamics (Lab)	2022-2023
BTME607-18	Auto. Engg.(Lab)	2022-2023
BTME702-18	Automation in Manufacturing	2022-2023
BTME-603-18	Automobile Engineering	2022-2023
BTME-607-18	Automobile Engineering (Lab)	2022-2023
BTME305-18	Basic Thermodynamics	2022-2023
BTCH-101-18	Chemistry-I	2022-2023
BTME502-18	Design of Machine Elements	2022-2023
BTPH-103-18	Electromagnetism	2022-2023
BTPH-113-18	Electromagnetism Lab	2022-2023
BTMC102-18	Essence of Indian knowledge Tradition	2022-2023
BTME402-18	Fluid Machines	2022-2023
BTME407-18	Fluid Machines (Lab))	2022-2023
BTME301-18	Fluid Mechanics	2022-2023
BTME308-18	Fluid Mechanics (Lab)	2022-2023
BTME309-18	Four Weeks Institutional Summer Vacation Training	2022-2023
BTME703-18	Fundamentals of Management for Engineers	2022-2023
GF-800	General Fitness	2022-2023
BTME501-18	Heat Transfer	2022-2023
BTME501-18	Heat Transfer	2022-2023
BTME505-18	Heat Transfer (Lab)	2022-2023
HU-251	Human Resources and Management	2022-2023
BTME-801	Industrial Engineering and Management	2022-2023
BTME-IT-702	Industrial Oriented Project /Industrial /Institutional Training	2022-2023
BTME-801	Industrial Training	2022-2023
BTME-604-18	Introduction to Industrial management	2022-2023
BTME303-18	Machine Drawing	2022-2023
BTME-806	Major Project	2022-2023
BTME504-18	Management and Engineering Economics	2022-2023
BTME503-18	Manufacturing Processes	2022-2023
BTME506-18	Manufacturing Processes (Lab)	2022-2023
BTME408-18	Material Engineering (Lab)	2022-2023
BTME404-18	Materials Engineering	2022-2023
BTAM101-18	Mathematics I	2022-2023
BTAM 203-18	Mathematics II	2022-2023
BTME-602-18	Mechanical Measurements & Metrology	2022-2023
BTME-602-18	Mechanical Measurements & Metrology	2022-2023
BTME-606-18	Mechanical Measurements & Metrology (Lab)	2022-2023
BTME-805	Mechanical Vibration Lab	2022-2023
BTME-803	Mechanical Vibrations	2022-2023
BTME701-18	Mechanical Vibrations	2022-2023
BTPH103-18	Mechanics of Solid	2022-2023
BTPH111-18	Mechanics of Solid Lab	2022-2023
BMPD-201-18	Mentoring and Professional Development	2022-2023
BMPD-101-18	Mentoring and Professional Development	2022-2023
BMPD401-18	Mentoring and Professional Development	2022-2023
BTME-608-18	Minor Project	2022-2023
BTME606-18	MMM (Lab)	2022-2023
BTME-615-18	Non-Conventional Energy Resources	2022-2023
DE/PE-2.0	Non-Traditional Machining	2022-2023
BTME504-18	Numerical Methods	2022-2023
BTME507-18	Numerical Methods (Lab)	2022-2023
XXXX###-18	Open Elective - I	2022-2023
DE/ME-1.8	Power Plant Engg	2022-2023
XXXX###-18	Professional Elective-I	2022-2023
BTPS101-18	Programming for Problem Solving	2022-2023
BTPS102-18	Programming for Problem Solving (Lab)	2022-2023
BTME704-18	Project-II	2022-2023
BTME605-18	RAC (Lab)	2022-2023
BTME-802	Refrigeration & Air Conditioning	2022-2023
BTME-804	Refrigeration & Air Conditioning Lab	2022-2023
BTME-601-18	Refrigeration and Air conditioning	2022-2023
BTME601-18	Refrigeration and Air conditioning	2022-2023
BTME-605-18	Refrigeration and Air conditioning (Lab)	2022-2023
OECE-703-18	Road Safety	2022-2023
BTME-IT-701	Software Training	2022-2023
BTME-801	Software Training	2022-2023
BTME306-18	Strength of Material (Lab)	2022-2023
BTME306-18	Strength of Material Lab	2022-2023

3.1 Number of courses in all programmes during the year 2022-23

S. No	Sub Code	Subject Name	session
1	BTCH101-18	Chemistry – 1	Jan - June 2023
2	BTCH102-18	Chemistry – 1 (Lab)	Jan - June 2023
3	BTAMXX-18	Math – II	Jan - June 2023
4	BTPS101-18	Programming for problem Solving (T)	Jan - June 2023
5	BTPS102-18	Programming for problem Solving Lab –	Jan - June 2023
6	BTMP101-18	Workshop / Manufacturing Practices	Jan - June 2023
7	BTHU101-18	English	Jan - June 2023
8	BTHU102-18	English Lab	Jan - June 2023
9	BMPD201-18	Mentoring & Professional Development	Jan - June 2023
10	BTCS 401-18	Discrete Mathematics	Jan - June 2023
11	BTCS 402-18	Operating System	Jan - June 2023
12	BTCS 404-18	Operating System Lab	Jan - June 2023
13	BTCS 403-18	Design & analysis of Algorithm	Jan - June 2023
14	BTCS 405-18	Design & analysis of Algorithm Lab	Jan - June 2023
15	HSMC 122-18	Universal Human Values 2	Jan - June 2023
16	EVS 101-18	Environmental Sciences	Jan - June 2023
17	BTES 401-18	Computer Organization & Architecture	Jan - June 2023
18	BTES 402-18	Computer Organization & Architecture Lab	Jan - June 2023
19	BTCS 601-18	Compiler Design	Jan - June 2023
20	BTCS 604-18	Compiler Design Lab –	Jan - June 2023
21	BTCS 602-18	Artificial Intelligence	Jan - June 2023
22	BTCS 605-18	Artificial Intelligence Lab	Jan - June 2023
23	BTCSUUU-18	Cloud Computing (Elective – II)	Jan - June 2023
24	BTCSUUU-18	Cloud Computing (Elective – II) Lab	Jan - June 2023
25	BTCSYYY-18	Machine Learning (Elective – III)	Jan - June 2023
26	BTCSYYY-18	Machine Learning (Elective – III) Lab	Jan - June 2023
27	BTOE	Open Elective	Jan - June 2023
28	BTCS 603-18	Project – 1	Jan - June 2023
29	BTCS 801-18	Semester Training	Jan - June 2023
30	BTPHXXX-18	Physics	July - Dec 2022
31	BTPHXXX-18	Physics (Lab)	July - Dec 2022
32	BTAMXX-18	Math – 1	July - Dec 2022
33	BTEE102-18	Basic Electrical Engg	July - Dec 2022
34	BTEE102-18	Basic Electrical Engg (Lab)	July - Dec 2022
35	BTME101 21	Engg. Graphics & Design	July - Dec 2022
36	BTPD101-18	Mentoring and Professional Development	July - Dec 2022
37	BTES301-18	Digital Electronics	July - Dec 2022
38	BTES302-18	Digital Electronics (Lab)	July - Dec 2022
39	BTCS301-18	Data Structure & Algorithm	July - Dec 2022
40	BTCS303-18	Data Structure & Algorithm (Lab)	July - Dec 2022
41	BTCS302-18	OOPs	July - Dec 2022
42	BTCS304-18	OOPS (Lab)	July - Dec 2022
43	BTAM304-18	Mathematics III	July - Dec 2022

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44	HSMC101/102-18	Foundation Course in Humanities	July - Dec 2022
45		(Development of Societies / Philosophy)	July - Dec 2022
46	BTC5305-18	IT Workshop	July - Dec 2022
47		Summer Institutional Training	July - Dec 2022
48	BTE5501-18	Enterprise Resource Planning	July - Dec 2022
49	BTC5501-18	Database Management Systems	July - Dec 2022
50	BTC5505-18	Database Management Systems (Lab)	July - Dec 2022
51	BTC5502-18	Formal Language & Automata Theory	July - Dec 2022
52	BTC5503-18	Software Engineering	July - Dec 2022
53	BTC5506-18	Software Engineering (Lab)	July - Dec 2022
54	BTC5504-18	Computer Networks	July - Dec 2022
55	BTC5507-18	Computer Networks (Lab)	July - Dec 2022
56	BTC5510-18	Prog. In Python (E – 1)	July - Dec 2022
57	BTC5513-18	Prog. In Python(E – 1) (Lab)	July - Dec 2022
58	MC	Constitution of India / Essence of Indian Traditional Knowledge	July - Dec 2022
59		Industrial Training	July - Dec 2022
60	BTC5 701-18	Network Security & Cryptography	July - Dec 2022
61	BTC5 702-18	Data Mining & Data Warehousing	July - Dec 2022
62	BTC5 704-18	Deep Learning (E – IV)	July - Dec 2022
63	BTC5 705-18	Deep Learning (E – IV) - (Lab)	July - Dec 2022
64	BTC5712-18	Block Chain (E – V)	July - Dec 2022
65	BTC5712-18	Block Chain (E – V) (Lab)	July - Dec 2022
66	BTOE ****	Open Elective II	July - Dec 2022
67	BTC5703-18	Project - II	July - Dec 2022


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 Director
 I.K. Gujral Punjab Technical University
 Mohali Campus-1

3.1 List of courses offered across all programs during last year

Program code	Program name	Course code	Course name	Year of offering the course
B. ARCH.2021	B. ARCH.2021	BARCH-101/21	Architectural Design & Theory-I	2022-23
2	B. ARCH.2022	BARCH-102/21	Architectural Drawing-I	2022-23
2	B. ARCH.2023	BARCH-103/21	Architectural Graphics-I	2022-23
2	B. ARCH.2024	BARCH-104/21	Workshop-I	2022-23
2	B. ARCH.2025	BARCH-105/21	Building Construction & Materials-I	2022-23
2	B. ARCH.2026	BARCH-106/21	Theory of Structure- I	2022-23
2	B. ARCH.2027	BTHU-101/18	Communicative English	2022-23
2	B. ARCH.2028	BTHU-102/18	Communicative Skill Laboratory	2022-23
2	B. ARCH.2029	HSMC-122/18	Human Values and Professional Ethics	2022-23
2	B. ARCH.2030	BARCH-107/21	Life skills-I	2022-23
2	B. ARCH.2031	BARCH-201/21	Architectural Design-II	2022-23
2	B. ARCH.2032	BARCH-202/21	Architectural Drawing-II	2022-23
2	B. ARCH.2033	BARCH-203/21	Architectural Graphics-II	2022-23
2	B. ARCH.2034	BARCH-204/21	History of Architecture-I	2022-23
2	B. ARCH.2035	BARCH-205/21	Workshop-II	2022-23
2	B. ARCH.2036	BARCH-206/21	Building Construction and Materials-II	2022-23
2	B. ARCH.2037	BARCH-207/21	Theory of Design-I	2022-23
2	B. ARCH.2038	BARCH-208/21	Computer Application-I	2022-23
2	B. ARCH.2039	BARCH-209/21	Mentoring and Professional Development-I	2022-23
2	B.ARCH.	—————	Educational Tour I/ Summer Training-I/Vacation Assignment-I	2022-23
2	B.ARCH.	UC/BARCH-302/19	Architectural Graphics/Presentation -III	2022-23
2	B.ARCH.	UC/BARCH-303/19	Building Construction & Materials-III	2022-23
2	B.ARCH.	UC/BARCH-304/19	Structure Systems-II	2022-23
2	B.ARCH.	UC/BARCH-305/19	Structure Design-I	2022-23
2	B.ARCH.	UC/BARCH-306/19	Surveying & Leveling	2022-23
2	B.ARCH.	UC/BARCH-307/19	Climate & Architecture-I	2022-23
2	B.ARCH.	UC/BARCH-308/19	Computer Application-I	2022-23
2	B.ARCH.	UC/BARCH-309/19	* Educational Tour I/Summer Training-I / Vacation Assignment-I	2022-23
2	B.ARCH.	UC/BARCH-401/19	Architectural Design -IV	2022-23
2	B.ARCH.	UC/BARCH-402/19	History of Architecture-II	2022-23
2	B.ARCH.	UC/BARCH-403/19	Building Construction & Materials-IV	2022-23
2	B.ARCH.	UC/BARCH-404/19	Structure Design-II	2022-23
2	B.ARCH.	UC/BARCH-405/19	Building Services-I	2022-23
2	B.ARCH.	UC/BARCH-406/19	Climate & Architecture-II	2022-23
2	B.ARCH.	UC/BARCH-407/19	Computer Application-II	2022-23
2	B.ARCH.	UC/BARCH-408/19	Mentoring and Professional	2022-23
2	B.ARCH.		Development-II	2022-23
2	B.ARCH.	UC/BARCH-409/19	Constitutional Law	2022-23
2	B.ARCH.	UC/BARCH-501/19	Architectural Design-V	2022-23
2	B.ARCH.	UC/BARCH-502/19	Building Construction & Materials-V	2022-23
2	B.ARCH.	UC/BARCH-503/19	Structure Systems-III	2022-23
2	B.ARCH.	UC/BARCH-504/19	Structure Design-III	2022-23
2	B.ARCH.	UC/BARCH-505/19	Building Services-II	2022-23
2	B.ARCH.	UC/BARCH-506/19	Theory of Design-III	2022-23
2	B.ARCH.	UC/BARCH-507/19	Landscape Architecture	2022-23

2	B.ARCH.	UC/BARCH-509	Hill Architecture	2022-23
2	B.ARCH.	UC/BARCH-513	Sociology for Architects/Fundamentals of Sc	2022-23
2	B.ARCH.	UC/BARCH-514	Health Education-I	2022-23
2	B.ARCH.	UC/BARCH-515	Music(Vocal, Instrumental)	2022-23
2	B.ARCH.	UC/BARCH-516	Laser/Printing Technology	2022-23
2	B.ARCH.	UC/BARCH-517	Creative Writing	2022-23
2	B.ARCH.	UC/BARCH-518/19	Educational Tour II/Summer Training-II	2022-23
2	B.ARCH.	UC/BARCH-601/19	Architectural Design -VI	2022-23
2	B.ARCH.	UC/BARCH-602/19	History of Architecture-IV	2022-23
2	B.ARCH.	UC/BARCH-603/19	Estimating Costing & Specifications	2022-23
2	B.ARCH.	UC/BARCH-604/19	Architecture Legislation	2022-23
2	B.ARCH.	UC/BARCH-605/19	Building Construction & Materials-VI	2022-23
2	B.ARCH.	UC/BARCH-606/19	Structure Design (Project)-IV	2022-23
2	B.ARCH.	UC/BARCH-607/19	Building Services-III	2022-23
2	B.ARCH.	UC/BARCH-608/19	Climate & Architecture (Sustainable Design)	2022-23
2	B.ARCH.	UC/BARCH-609 (A)/	Sustainable Cities & Communities	2022-23
2	B.ARCH.	UC/BARCH-612/19	Psychology for Architects	2022-23
2	B.ARCH.	UC/BARCH-613/19	Health Education-II	2022-23
2	B.ARCH.	UC/BARCH-615/19	Mentoring and Professional Development-II	2022-23
2	B.ARCH.	UC/BARC-610/19	Low-Cost effective Building Design	2022-23
2	B.ARCH.	UC/BARC-611/19	Interior Design	2022-23
2	B.ARCH.	UC/BARC-614/19	Lighting Design	2022-23
2	B.ARCH.	BACH-701	Practical Training Programme	2022-23
2	B.ARCH.	BACH-801	Architectural Design-VII	2022-23
2	B.ARCH.	BACH-802	Building Construction & Materials-VII	2022-23
2	B.ARCH.	BACH-803	Urban Design – I	2022-23
2	B.ARCH.	BACH-804	Housing – I	2022-23
2	B.ARCH.	BACH-805	High Rise Buildings – I	2022-23
2	B.ARCH.	BACH-806 to 808	Elective-I	2022-23
2	B.ARCH.	BACH-901	Architectural Design-VIII	2022-23
2	B.ARCH.	BACH-902	Building Construction & Materials-VIII	2022-23
2	B.ARCH.	BACH-903	Town Planning-I	2022-23
2	B.ARCH.	BACH-904	Building Economics-I	2022-23
2	B.ARCH.	BACH-905	Hill Architecture-I	2022-23
2	B.ARCH.	BACH-907	Trafficand Transportation-I	2022-23
2	B.ARCH.	BACH-1001	Architectural Design – IX (Thesis – Project)	2022-23
2	B.ARCH.	BACH-1002	Construction Management-I	2022-23
2	B.ARCH.	BACH-1003	Professional Practice –I	2022-23
2	B.ARCH.	BACH-1004	Disaster Management –I	2022-23
355	M. ARCH.	UC/MARCH-101/20	Studio I	2022-23
355	M. ARCH.	UC/MARCH-102/20	Contemporary Architecture- I	2022-23
355	M. ARCH.	UC/MARCH-103/20	Educational Technology	2022-23
355	M. ARCH.	UC/MARCH-104/20	Research Methodology - I	2022-23
355	M. ARCH.	UC/MARCH/ PE-106-10	Fundamentals of the built environment and resource conservation	2022-23
355	M. ARCH.	UC/MARCH-201/20	Studio II	2022-23
355	M. ARCH.	UC/MARCH-202/20	Contemporary Architecture - II	2022-23
355	M. ARCH.	UC/MARCH-203/20	Psychology of Learning and Teaching	2022-23
355	M. ARCH.	UC/MARCH-204/20	Architecture Research Methodology - II	2022-23
355	M. ARCH.	UC/MARCH-206-10/20	Elective I (Architecture Appreciation)	2022-23
355	M. ARCH.		* Educational Tour I/Summer Training-I / Vacation Assignment-I	2022-23

523	M. PLAN.	UC-MURP101	Planning Studio - I	2022-23
523	M. PLAN.	UC-MURP102	Geoinformatics Systems - I	2022-23
523	M. PLAN.	UC-MURP103	History of Human Settlements	2022-23
523	M. PLAN.	UC-MURP104	Planning Techniques and Quantitative Methods	2022-23
523	M. PLAN.	UC-MURP105	Environment Planning	2022-23
523	M. PLAN.	UC-MURP106	Infrastructure Planning -I	2022-23
523	M. PLAN.	UC-MURP107	Socio-Economic Planning	2022-23
523	M. PLAN.	UC-MURP201	Planning Studio - II	2022-23
523	M. PLAN.	UC-MURP202	Geoinformatics Systems - II	2022-23
523	M. PLAN.	UC-MURP203	City and Metropolitan Planning	2022-23
523	M. PLAN.	UC-MURP204	Infrastructure Planning -II	2022-23
523	M. PLAN.	UC-MURP205	Planning Legislations and Governance	2022-23
523	M. PLAN.	UC/MURP-202 to 209/19	Elective	2022-23
523	M. PLAN.	UC/MURP-301/19	Planning Studio - III (Regional Planning)	2022-23
523	M. PLAN.	UC/MURP-302/19	Regional Planning	2022-23
523	M. PLAN.	UC/MURP-303/19	Research Methodology	2022-23
523	M. PLAN.	UC/MURP-304/19	Review of Professional Training	2022-23
523	M. PLAN.	UC/MURP-305/19	Professional Elective	2022-23
523	M. PLAN.	UC/MURP-306/19	Open Elective-I	2022-23
523	M. PLAN.	UC-MURP401	Planning Thesis	2022-23
523	M. PLAN.	UC-MURP402	Open Elective-II	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-101/20	Architectural Design & Theory-I	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-102/20	Architectural Drawing-I	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-103/20	Architectural Graphics-I	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-104/20	Building Construction & Materials-I	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-105/20	Structure Systems	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-106/20	Workshop-I	2022-23
	B.Sc. (Arch. Basics)	UC/BTHU-101/18	Communicative English	2022-23
	B.Sc. (Arch. Basics)	UC/BTHU-102/18	Communicative Skill laboratory	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-107/20	Human Values and Professional Ethics	2022-23
	B.Sc. (Arch. Basics)	UC/BSCAB-108/20	Life Skills-I	2022-23
	B.Planning	BUP-101	Fundamentals of Urban and Regional Planning	2022-23
	B.Planning	BUP-102	Principles of Construction and Building Structures	2022-23
	B.Planning	BUP-103	Technical Report Writing and Research Methodology	2022-23
	B.Planning	BUP-104	Basic Architectural Design	2022-23
	B.Planning	BUP-105	Map Preparation	2022-23
	B.Planning	BUP-106	Map Graphics	2022-23
	B.Planning	BUP-107	Communicative English-I	2022-23