

**CERTIFICATE**

This is to certify that the data provided includes the list of elective courses offered across various PG programmes during the latest completed academic year (2021 -22)

Programme Code	Programme Name	Course Code	Elective Courses
P1BT	M. Sc. Botany	BOT4E01-1	Advanced Angiosperm Taxonomy
P1BT	M. Sc. Botany	BOT4E01-2	Environmental Biology and Biodiversity Conservation
P1BT	M. Sc. Botany	BOT4E01-3	Plant Tissue Culture
P1BT	M. Sc. Botany	BOT4E01-4	Plant Physiology
P1BT	M. Sc. Botany	BOT4E01-5	Plant Cell and Molecular Biology
P1BT	M. Sc. Botany	BOT4E01-6	Genetics and Crop Improvement
P1BT	M. Sc. Botany	BOT4E02-1	Molecular Plant Taxonomy
P1BT	M. Sc. Botany	BOT4E02-2	Pathology of Plantation crops and Spices
P1BT	M. Sc. Botany	BOT4E02-3	Genetic Engineering
P1BT	M. Sc. Botany	BOT4E02-4	Genomics and Proteomics
P1BT	M. Sc. Botany	BOT4E02-5	Genetic Engineering and Bioinformatics
P1BT	M. Sc. Botany	BOT4E02-6	Biotechnology in Crop Improvement
P1CH	M. Sc. Chemistry	CHE3E01	Synthetic Organic Chemistry
P1CH	M. Sc. Chemistry	CHE3E02	Computational Chemistry
P1CH	M. Sc. Chemistry	CHE3E03	Green and Nanochemistry
P1CH	M. Sc. Chemistry	CHE4E04	Petrochemicals and cosmetics
P1CH	M. Sc. Chemistry	CHE4E05	Industrial catalysis
P1CH	M. Sc. Chemistry	CHE4E06	Natural products and polymer chemistry





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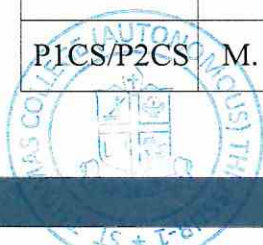
NIRF Ranking 2021: 64

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NAAC 4th Cycle Accreditation

Programme Code	Programme Name	Course Code	Elective Courses
P1CH	M. Sc. Chemistry	CHE4E07	Material Science
P1CH	M. Sc. Chemistry	CHE4E08	Organometallic chemistry
P1CM	M. Com.	MCM3EF01	Investment Management
P1CM	M. Com.	MCM3EF02	Financial Markets & Institutions
P1CM	M. Com.	MCM4EF03	International Finance
P1CM	M. Com.	MCM4EF04	Advanced Strategic Financial Management
P1CS/P2CS	M. Sc. Computer Science	CSS3E01a	Computer Graphics
P1CS/P2CS	M. Sc. Computer Science	CSS3E01b	Introduction to Soft Computing
P1CS/P2CS	M. Sc. Computer Science	CSS3E01c	Web Technology
P1CS/P2CS	M. Sc. Computer Science	CSS3E01d	Bioinformatics
P1CS/P2CS	M. Sc. Computer Science	CSS3E01e	Computer Optimization Techniques
P1CS/P2CS	M. Sc. Computer Science	CSS3E01f	Numerical and Statistical Methods
P1CS/P2CS	M. Sc. Computer Science	CSS3E02a	Pattern Recognition
P1CS/P2CS	M. Sc. Computer Science	CSS3E02b	Wireless and Mobile Networks
P1CS/P2CS	M. Sc. Computer Science	CSS3E02c	Cryptography and Network Security
P1CS/P2CS	M. Sc. Computer Science	CSS3E02d	Advanced Web Technology





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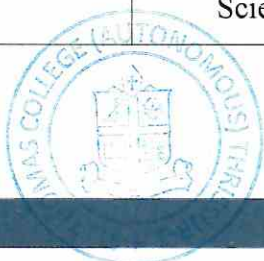
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Programme Code	Programme Name	Course Code	Elective Courses
	Science		
P1CS/P2CS	M. Sc. Computer Science	CSS3E02e	Virtualisation and Cloud Computing
P1CS/P2CS	M. Sc. Computer Science	CSS3E02f	Data Warehousing and Data Mining
P1CS/P2CS	M. Sc. Computer Science	CSS4E03a	Data Compression
P1CS/P2CS	M. Sc. Computer Science	CSS4E03b	Pervasive Computing
P1CS/P2CS	M. Sc. Computer Science	CSS4E03c	System Security
P1CS/P2CS	M. Sc. Computer Science	CSS4E03d	Molecular Simulation and Modelling
P1CS/P2CS	M. Sc. Computer Science	CSS4E03e	Fundamentals of Big Data
P1CS/P2CS	M. Sc. Computer Science	CSS4E03f	Web Engineering
P1CS/P2CS	M. Sc. Computer Science	CSS4E04a	Digital Image Processing
P1CS/P2CS	M. Sc. Computer Science	CSS4E04b	Advanced Topics In Database Design
P1CS/P2CS	M. Sc. Computer Science	CSS4E04c	Software Development for Portable Devices
P1CS/P2CS	M. Sc. Computer Science	CSS4E04d	Storage Area Networks





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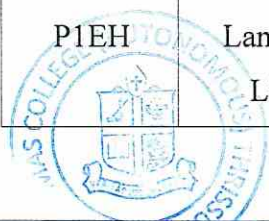
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Programme Code	Programme Name	Course Code	Elective Courses
P1CS/P2CS	M. Sc. Computer Science	CSS4E04e	Semantic Web
P1CS/P2CS	M. Sc. Computer Science	CSS4E04f	Advanced Java Programming
P1EC	M. A. Economics	ECO3 E01	Banking: Theory and Practice
P1EC	M. A. Economics	ECO3 E02	Industrial Economics
P1EC	M. A. Economics	ECO3 E03	Labour Economics
P1EC	M. A. Economics	ECO3 E04	Regional Economics
P1EC	M. A. Economics	ECO4 E01	Advanced Econometrics
P1EC	M. A. Economics	ECO4 E02	Business Economics
P1EC	M. A. Economics	ECO4 E03	Demography
P1EC	M. A. Economics	ECO4 E04	Environmental Economics
P1EC	M. A. Economics	ECO4 E05	Political Economy of Development
P1EC	M. A. Economics	ECO4 E06	Agricultural Economics
P1EC	M. A. Economics	ECO4 E07	Gender Economics
P1EC	M. A. Economics	ECO4 E08	Health Economics
P1EC	M. A. Economics	ECO4 E09	Mathematical Economics
P1EC	M. A. Economics	ECO4 E10	Research Methodology & Computer Applications
P1EH	M. A. English Language and Literature	ENG3E01	Shakespeare Studies
P1EH	M. A. English Language and Literature	ENG3E02	European Fiction in Translation





Programme Code	Programme Name	Course Code	Elective Courses
P1EH	M. A. English Language and Literature	ENG3E03	Women's Writing
P1EH	M. A. English Language and Literature	ENG3E04	Introduction to Linguistics
P1EH	M. A. English Language and Literature	ENG3E05	Introduction to Cultural Studies
P1EH	M. A. English Language and Literature	ENG3E06	Teaching of English
P1EH	M. A. English Language and Literature	ENG3E07	World Drama
P1EH	M. A. English Language and Literature	ENG3E08	Latino Literature
P1EH	M. A. English Language and Literature	ENG3E09	American Ethnic Writing
P1EH	M. A. English Language and Literature	ENG4E10	Film Studies
P1EH	M. A. English Language and Literature	ENG4E11	Queer Studies





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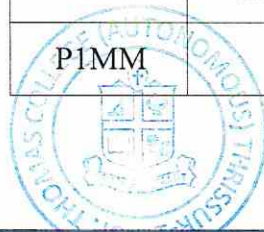
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Programme Code	Programme Name	Course Code	Elective Courses
P1EH	M. A. English Language and Literature	ENG4E12	Literature and Ecology
P1EH	M. A. English Language and Literature	ENG4E13	Regional Indian Literature in Translation
P1EH	M. A. English Language and Literature	ENG4E14	Indian English Fiction
P1EH	M. A. English Language and Literature	ENG4E15	Introduction to Children's Literature
P1EH	M. A. English Language and Literature	ENG4E16	Dalit Studies
P1EH	M. A. English Language and Literature	ENG4E17	Writings from the Middle East
P1EH	M. A. English Language and Literature	ENG4E18	Malayalam Literature in English Translation
P1MM	M. Sc. Mathematics	MTH3E01	Coding theory
P1MM	M. Sc. Mathematics	MTH3E02	Cryptography
P1MM	M. Sc.	MTH3E03	Measure&Integration





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Programme Code	Programme Name	Course Code	Elective Courses
	Mathematics		
P1MM	M. Sc. Mathematics	MTH3E04	Probability Theory
P1MM	M. Sc. Mathematics	MTH4E05	Advanced Complex Analysis
P1MM	M. Sc. Mathematics	MTH4E06	Algebraic Number Theory
P1MM	M. Sc. Mathematics	MTH4E07	Algebraic Topology
P1MM	M. Sc. Mathematics	MTH4E08	Commutative Algebra
P1MM	M. Sc. Mathematics	MTH4E09	Differential Geometry
P1MM	M. Sc. Mathematics	MTH4E10	Fluid Dynamics
P1MM	M. Sc. Mathematics	MTH4E11	Graph Theory
P1MM	M. Sc. Mathematics	MTH4E12	Representation Theory
P1MM	M. Sc. Mathematics	MTH4E13	Wavelet Theory
P1PH	M. Sc. Physics	PHY3E01	Plasma Physics
P1PH	M. Sc. Physics	PHY3E02	Advanced Quantum Mechanics
P1PH	M. Sc. Physics	PHY3E03	Radiation Physics
P1PH	M. Sc. Physics	PHY3E04	Digital Signal Processing





Programme Code	Programme Name	Course Code	Elective Courses
P1PH	M. Sc. Physics	PHY3E05	Experimental Techniques
P1PH	M. Sc. Physics	PHY3E06	Elementary astrophysics
P1PH	M. Sc. Physics	PHY3E07	Advanced Nuclear Physics
P1PH	M. Sc. Physics	PHY3E08	Advanced astrophysics
P1PH	M. Sc. Physics	PHY3E09	Astrophysics and Astronomical Data Analysis
P1PH	M. Sc. Physics	PHY3E10	Advanced Statistical Mechanics
P1PH	M. Sc. Physics	PHY3E11	Materials Science
P1PH	M. Sc. Physics	PHY3E12	Electronic Instrumentation
P1PH	M. Sc. Physics	PHY3E13	Laser systems, optical Fibres and Applications
P1PH	M. Sc. Physics	PHY3E14	Communication Electronics
P1PH	M. Sc. Physics	PHY3E15	Quantum Field Theory
P1PH	M. Sc. Physics	PHY3E16	Chaos and Nonlinear Physics
P1PH	M. Sc. Physics	PHY3E17	Advanced Condensed Matter Physics
P1PH	M. Sc. Physics	PHY3E18	Modern Optics
P1PH	M. Sc. Physics	PHY3E19	Physics of Semiconductors
P1PH	M. Sc. Physics	PHY3E20	Microprocessors, Microcontrollers and Applications
P1ST	M. Sc. Statistics	MST4E01	Operations Research-I
P1ST	M. Sc. Statistics	MST4E02	Time Series Analysis
P1ST	M. Sc. Statistics	MST4E03	Operations Research – II
P1ST	M. Sc. Statistics	MST4E04	Queueing Theory
P1ST	M. Sc. Statistics	MST4E05	Lifetime Data Analysis
P1ST	M. Sc. Statistics	MST4E06	Advanced Distribution Theory





Programme Code	Programme Name	Course Code	Elective Courses
P1ST	M. Sc. Statistics	MST4E07	Statistical Decision Theory
P1ST	M. Sc. Statistics	MST4E08	Reliability Modelling
P1ST	M. Sc. Statistics	MST4E09	Actuarial Statistics
P1ST	M. Sc. Statistics	MST4E10	Statistical Quality Control
P1ST	M. Sc. Statistics	MST4E11	Advanced Probability Theory
P1ST	M. Sc. Statistics	MST4E12	Official Statistics
P1ST	M. Sc. Statistics	MST4E13	Biostatistics
P1ST	M. Sc. Statistics	MST4E14	Econometric Models
P1ST	M. Sc. Statistics	MST4E15	Demographic Techniques
P1ST	M. Sc. Statistics	MST4E16	Stochastic Finance
P1ST	M. Sc. Statistics	MST4E17	Longitudinal Data Analysis
P1ST	M. Sc. Statistics	MST4E18	Data Mining Techniques
P1ZG	M. Sc. Zoology	ZO3ET09	Entomology 1: Morphology and Taxonomy
P1ZG	M. Sc. Zoology	ZO3ET09	Environmental Biology 1: Man
P1ZG	M. Sc. Zoology	ZO3ET09	Environment & Natural Resources
P1ZG	M. Sc. Zoology	ZO3ET09	Fishery Science 1: Taxonomy, Biology, Physiology & Ecology
P1ZG	M. Sc. Zoology	ZO3ET09	Human Genetics 1: Clinical Genetics
P1ZG	M. Sc. Zoology	ZO3ET09	Wildlife Biology 1: Biodiversity & Biota
P1ZG	M. Sc. Zoology	ZO 4ET 11	Entomology II: Anatomy and Physiology
P1ZG	M. Sc. Zoology	ZO 4ET 11	Environmental Biology II: Environmental pollution



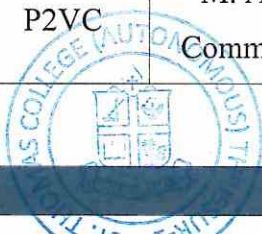


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P1ZG	M. Sc. Zoology	ZO 4ET 11	Fishery Science II: Capture & Culture Fisheries
P1ZG	M. Sc. Zoology	ZO 4ET 11	Human Genetics II: Diagnostic Genetics
P1ZG	M. Sc. Zoology	ZO 4ET 11	Wildlife Biology II: Wildlife Conservation
P1ZG	M. Sc. Zoology	ZO 4ET 12	Entomology III: Agricultural, Medical & Forensic Entomology
P1ZG	M. Sc. Zoology	ZO 4ET 12	Environmental Biology III: Environmental Conservation
P1ZG	M. Sc. Zoology	ZO 4ET 12	Fishery Science III: Harvesting, Post-harvesting Technology & Marketing
P1ZG	M. Sc. Zoology	ZO 4ET 12	Human Genetics III: Cancer, Genetics & Genetic Services
P1ZG	M. Sc. Zoology	ZO 4ET 12	Wild Life Biology III : Wildlife Management
P2EL	M. Sc. Electronics	ELS3E01A	RISC Processor Architecture & Programming
P2EL	M. Sc. Electronics	ELS3E01B	Industrial Instrumentation & Automation
P2EL	M. Sc. Electronics	ELS3E01C	VLSI Design and VHDL Programming
P2EL	M. Sc. Electronics	ELS3E01D	Satellite Communication
P2EL	M. Sc. Electronics	ELS4E02A	Cryptography and Network Security
P2EL	M. Sc. Electronics	ELS4E02B	Digital Image Processing
P2EL	M. Sc. Electronics	ELS4E02C	Design of Smart Systems
P2EL	M. Sc. Electronics	ELS4E02D	Verilog Programming
P2EL	M. Sc. Electronics	ELS4E03A	MEMS and NEMS
P2EL	M. Sc. Electronics	ELS4E03B	Wireless Adhoc and Sensor Networks
P2EL	M. Sc. Electronics	ELS4E03C	Neural networks and Applications
P2EL	M. Sc. Electronics	ELS4E03D	Microwave Electronics





Programme Code	Programme Name	Course Code	Elective Courses
P2SW	Master of Social Work	SOW3 E1 01	Health Care Social Work
P2SW	Master of Social Work	SOW3 E2 01	Rural Community Development and Governance
P2SW	Master of Social Work	SOW3 E1 02	Social Work in Mental Health Settings
P2SW	Master of Social Work	SOW3 E2 02	Urban Community Development and Governance
P2SW	Master of Social Work	SOW4 E1 03	Therapeutic Approaches in Medical and Psychiatric Settings
P2SW	Master of Social Work	SOW4 E2 03	Environmental Studies and Disaster Management
P2SW	Master of Social Work	SOW4 E1 04	Social Work practice with families
P2SW	Master of Social Work	SOW4 E2 04	Social Work with gender issues
P2VC	M. A. Visual Communication	MVC 3 E01	New Media Technologies
P2VC	M. A. Visual Communication	MVC 3 E02	Film Studies
P2VC	M. A. Visual Communication	MVC 4 E03	Multimedia
P2VC	M. A. Visual Communication	MVC 4 E04	Advertising in Visual Media
P2VC	M. A. Visual Communication	MVC 4 E05	Documentary Film Production





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Programme Code	Programme Name	Course Code	Elective Courses
F1PY	Integrated M. Sc. Psychology	PSY7B06-01	Organisational Behaviour
F1PY	Integrated M. Sc. Psychology	PSY7B06-02	Psychology of Criminal Behaviour
F1PY	Integrated M. Sc. Psychology	PSY8B06-01	Positive Psychology
F1PY	Integrated M. Sc. Psychology	PSY8B06-02	Educational Psychology
F1PY	Integrated M. Sc. Psychology	PSY9B06-01	Cross-cultural psychology
F1PY	Integrated M. Sc. Psychology	PSY9B06-02	Counselling Skills and Process
F1PY	Integrated M. Sc. Psychology	PSY10B06-01	Youth Psychology
F1PY	Integrated M. Sc. Psychology	PSY10B06-02	Living in Media World



Principal

Principal
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