ISO 9001:2015 Certified Institution   Estd.:2001

Balaji Institute of Technology & Science

Laknepally (V), Narsampet (M), Warangal District - 506 331, Telangana State, India
(AUTONOMOUS)
Accredited by NBA (UG - CE, EEE, ME, ECE & CSE) **& NAAC A+ Grade**
(Affiliated to JNT University, Hyderabad and Approved by AICTE, New Delhi)
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BITS
AUTONOMOUS

R22 B.TECH. LIST OF OPEN ELECTIVES APPLICABLE FROM 2022-23 ADMITTED BATCHES

Branch	III Yr II Sem Open Elective (OE – I)		IV Yr I Sem Open Elective (OE – II)		IV Yr II Sem Open Elective (OE – III)	
	Subject Code	Name of the Subject	Subject Code	Name of the Subject	Subject Code	Name of the Subject
Civil Engineering	22CE655OE	Disaster Preparedness & Planning Management	22CE759OE	Remote Sensing & Geographical Information Systems	22CE863OE	Energy Efficient Buildings
	22CE656OE	Building Management Systems	22CE760OE	Sustainable Infrastructure Development	22CE864OE	Multi Criterion Decision Making
	22CE657OE	Environmental Impact Assessment	22CE761OE	Solid Waste Management	22CE865OE	Environmental Pollution
	22CE658OE	Hydrogeology	22CE762OE	Smart Cities	---	----
Electrical and Electronics Engineering	22EE650OE	Renewable Energy Sources	22EE752OE	Utilization of Electric Energy	22EE854OE	Charging Infrastructure for Electric Vehicles
	22EEE651O	Fundamental of Electric Vehicles	22EE753OE	Energy Storage Systems	22EE855OE	Reliability Engineering
Mechanical Engineering	22ME663OE	Basic Mechanical Engineering	22ME764OE	Industrial Engineering &Management	22ME865OE	Elements of Electric and Hybrid vehicles
Electronics and Communication Engineering	22EC662OE	Fundamentals of Internet of Things	22EC765OE	Electronic Sensors	22EC868OE	Measuring Instruments
	22EC663OE	Principles of Signal Processing	22EC766OE	Electronics for Health Care	22EC869OE	Communication Technologies
	22EC664OE	Digital Electronics for Engineering	22EC767OE	Telecommunications for Society	22EC870OE	Fundamentals of Social Networks
Computer Science & Engineering	22CS610OE	Data Structures	22CS717OE	Operating Systems	22CS830OE	Design and Analysis of Algorithms
	22CS619OE	Database Management Systems	22CS795OE	Cyber Forensics	22CS823OE	Computer Networks

Computer Engineering (SE)	22CS621OE	Software Engineering	22CS723OE	Computer Networks	22CS8112OE	Web Programming
	22CS652OE	Software Testing Methodologies	22CS791OE	Software Project Management	22CS8122OE	Software Quality Assurance
Computer Science & Engineering(AI&ML)	22CS626OE	Introduction to AI	22CS754OE	Natural Language Processing	22CS8154OE	Conversational AI
	22CS636OE	Machine Learning	22CS762OE	Deep Learning	22CS898OE	Pattern Recognition
Computer Science & Engineering(DS)	22CS6170OE	Fundamentals of Data Science	22CS799OE	Data Mining	22CS8172OE	Introduction to Social Media Mining
	22CS6171OE	R Programming	22CS750OE	Data Analytics	22CS8173OE	Data Visualization Using Python
Computer Science & Engineering(IoT)	22CS6167OE	Introduction to IoT	22CS7145OE	IoT Automation	22CS867OE	IoT Security
	22CS6168OE	IoT Sensors	22CS7169OE	AI Applications	22CS8151OE	Industrial IoT
Master of Business Administration	22SM605OE	Fundamentals of Management for Engineers	22SM706OE	Total Quality Management	22SM807OE	Entrepreneurship

*Note: Students should take Open Electives from the List of Open Electives Offered by Other Departments/Branches Only

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