



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh

26.09.2021

**List of new courses introduced for 2019-20**

S. No.	Program Code	Program Name	Course Code	Course Name
1	21	Aerospace Engineering	17AE20	Aerodynamics of Missiles and Launch Vehicles
2	21	Aerospace Engineering	17AE21	Combustion in Aerospace Vehicles
3	21	Aerospace Engineering	17AE22	Experimental Stress Analysis
4	21	Aerospace Engineering	17AE91	Industrial Aerodynamics
5	21	Aerospace Engineering	17AE18	Flight Dynamics
6	21	Aerospace Engineering	17AE15	UAV System Design
7	21	Aerospace Engineering	17AE14	Non-Destructive Testing
8	01	Civil Engineering	17CE12	Structural Analysis-2
9	01	Civil Engineering	17CE13	Design of Reinforced Concrete Structures -1
10	01	Civil Engineering	17CE14	Highway Engineering
11	01	Civil Engineering	17CE15	Hydrology
12	01	Civil Engineering	17CE16	Repair and Rehabilitation of Structures
13	01	Civil Engineering	17CE18	Construction Management
14	01	Civil Engineering	17CE90	Green Buildings
15	01	Civil Engineering	17CE20	Design of Steel Structures
16	01	Civil Engineering	17CE21	Irrigation and Water Resources Engineering
17	01	Civil Engineering	17CE22	Water and Waste Water Engineering
18	01	Civil Engineering	17CE23	Geo Technical Engineering-2
19	01	Civil Engineering	17CE25	Railways, Airport Planning and Harbour Engineering
20	01	Civil Engineering	17CE27	Urban Hydrology
21	01	Civil Engineering	17CE72	Computer Aided Analysis and Design Lab
22	01	Civil Engineering	17CE91	Low Cost and Eco-Friendly Building Technology
23	05	Computer Science and Engineering	17CI11	Computer Graphics
24	05	Computer Science and Engineering	17CS02	Principles of Programming Languages
25	05	Computer Science and Engineering	17CI13	Advanced Database Management Systems

26	05	Computer Science and Engineering	17CS03	UML & Design Patterns
27	05	Computer Science and Engineering	17CI15	Automata Theory & Compiler Design
28	05	Computer Science and Engineering	17CS62	UML & Design Patterns lab
29	05	Computer Science and Engineering	17CS90	Advanced Graph Algorithms
30	05	Computer Science and Engineering	17CS05	Android Technologies
31	05	Computer Science and Engineering	17CI16	Data Mining and Data Warehousing
32	05	Computer Science and Engineering	17CI17	Data Communications & Computer Networks
33	05	Computer Science and Engineering	17CS06	Swift Programming
34	05	Computer Science and Engineering	17CS07	Scala Programming
35	05	Computer Science and Engineering	17CS08	PHP Programming
36	05	Computer Science and Engineering	17CS09	Google Go Programming
37	05	Computer Science and Engineering	17MB84	Banking & Insurance Management
38	05	Computer Science and Engineering	17CS63	Android Technologies Lab
39	05	Computer Science and Engineering	17CI67	Data Mining & Data Warehousing Lab
40	05	Computer Science and Engineering	17CS91	Software Testing Methodologies
41	02	Electrical and Electronics Engineering	17EE10	Linear and Digital Integrated Circuits
42	02	Electrical and Electronics Engineering	17EE13	Classical and Heuristic Optimization Techniques
43	02	Electrical and Electronics Engineering	17EE14	Renewable Energy Technologies
44	02	Electrical and Electronics Engineering	17EE15	Electrical Engineering Materials
45	02	Electrical and Electronics Engineering	17EE16	Advanced Logic Design
46	02	Electrical and Electronics Engineering	17EE67	Electronic Circuits and ICs Lab
47	02	Electrical and Electronics Engineering	17EE90	Electrical Safety
48	02	Electrical and Electronics Engineering	17EE17	Analog and Digital Signal Processing
49	02	Electrical and Electronics Engineering	17EE20	Measurements and Instrumentation
50	02	Electrical and Electronics Engineering	17EC51	Digital Controllers
51	02	Electrical and Electronics Engineering	17EC29	Embedded Systems Design

52	02	Electrical and Electronics Engineering	17EC52	Data Communications and Networking
53	02	Electrical and Electronics Engineering	17EC16	VLSI Design
54	02	Electrical and Electronics Engineering	17EE91	Electrical Reliability Engineering
55	04	Electronics and Communication Engineering	17HS01	Engineering Economics and Accountancy
56	04	Electronics and Communication Engineering	17EC13	Computer Organization and Architecture
57	04	Electronics and Communication Engineering	17EI18	Micro Electro Mechanical Systems
58	04	Electronics and Communication Engineering	17EC17	PCB Design
59	04	Electronics and Communication Engineering	17EC18	Advanced Communications
60	04	Electronics and Communication Engineering	17EC19	Advanced Digital Signal Processing
61	04	Electronics and Communication Engineering	17PD05	Employability Enhancement Skills - I
62	04	Electronics and Communication Engineering	17PD06	Industrial Training / In-house Training
63	04	Electronics and Communication Engineering	17EC20	Linear Control Systems
64	04	Electronics and Communication Engineering	17CI07	OOPs through JAVA
65	04	Electronics and Communication Engineering	17EC23	Nano Electronics
66	04	Electronics and Communication Engineering	17EC24	Low Power VLSI Design
67	04	Electronics and Communication Engineering	17EC26	Transform Techniques
68	04	Electronics and Communication Engineering	17MB80	Industrial Engineering and Management
69	04	Electronics and Communication Engineering	17MB81	Project Management
70	04	Electronics and Communication Engineering	17MB82	Logistics and Supply Management
71	04	Electronics and Communication Engineering	17MB83	Banking and Insurance Management
72	04	Electronics and Communication Engineering	17FE61	Presentation Skills Lab
73	04	Electronics and Communication Engineering	17CI65	OOPs through JAVA Lab
74	04	Electronics and Communication Engineering	17PD08	Employability Enhancement Skills - II

75	10	Electronics and Instrumentation Engineering	17EI08	Industrial Electronics
76	10	Electronics and Instrumentation Engineering	17EI90	Safety Instrumentation
77	10	Electronics and Instrumentation Engineering	17EC44	Wireless Sensor Networks
78	10	Electronics and Instrumentation Engineering	17EI14	Optimal Control
79	10	Electronics and Instrumentation Engineering	17EI64	Optical and BMI Lab
80	10	Electronics and Instrumentation Engineering	17EI91	Remote Sensing
81	10	Electronics and Instrumentation Engineering	17EI12	Opto Electronics & Laser Instrumentation
82	10	Electronics and Instrumentation Engineering	17EI13	Virtual Instrumentation
83	10	Electronics and Instrumentation Engineering	17ME53	Robotics & Automation
84	10	Electronics and Instrumentation Engineering	17EI63	Process Control Instrumentation Lab
85	10	Electronics and Instrumentation Engineering	S313	Micro Processors and Microcontrollers
86	10	Electronics and Instrumentation Engineering	S344	Power Plant Instrumentation
87	10	Electronics and Instrumentation Engineering	S202	DSP Processors and Architectures
88	10	Electronics and Instrumentation Engineering	S236	Engineering Materials
89	10	Electronics and Instrumentation Engineering	S388	Space Sciences
90	10	Electronics and Instrumentation Engineering	S340	PLC and SCADA
91	10	Electronics and Instrumentation Engineering	L161	Micro Processors and Microcontrollers Lab
92	10	Electronics and Instrumentation Engineering	L168	PLC and Bio Medical Instrumentation Lab
93	10	Electronics and Instrumentation Engineering	S107	Advanced Sensors
94	10	Electronics and Instrumentation Engineering	S399	Telemetry and Tele Medicine
95	12	Information Technology	17EC22	Microprocessors and Microcontrollers
96	12	Information Technology	17CI10	Software Engineering
97	12	Information Technology	17IT04	Software Testing Quality Assurance
98	12	Information Technology	17EC70	Microprocessors and Microcontrollers Lab

99	12	Information Technology	17IT62	Data Communications and Computer Networks Lab
100	12	Information Technology	17IT90	Real Time Operating Systems
101	12	Information Technology	17CI20	Information Security
102	12	Information Technology	17IT03	R Programming
103	12	Information Technology	17IT05	Object Oriented Software Engineering
104	12	Information Technology	17IT06	Sensor Networks
105	12	Information Technology	17CI25	Neural Networks and Fuzzy Logic
106	12	Information Technology	17IT63	R Programming Lab
107	12	Information Technology	17IT91	Network Programming
108	F0	Master of Computer Applications	17MC21	Cryptography and Network Security
109	03	Mechanical Engineering	17PD01	Problem Assisted Learning
110	03	Mechanical Engineering	17PD02	Problem Based Learning
111	03	Mechanical Engineering	17ME18	Non Destructive Evaluation and Testing
112	03	Mechanical Engineering	17ME90	Energy, Environment and Pollution
113	03	Mechanical Engineering	17ME25	Conditional Monitoring
114	03	Mechanical Engineering	17ME91	Design of Experiments
115	03	Mechanical Engineering	17ME35	Additive Manufacturing
116	03	Mechanical Engineering	17ME72	Robotics and Simulation Laboratory
117	03	Mechanical Engineering	17ME92	Computer Integrated Manufacturing
118	03	Mechanical Engineering	17PD10	Extra-Curricular/ Co-curricular Activities
119	03	Mechanical Engineering	17ME41	Nuclear Science and Engineering
120	03	Mechanical Engineering	17ME42	Fracture Mechanics
121	03	Mechanical Engineering	17ME44	Plant Layout and Material Handling
122	03	Mechanical Engineering	17ME81	Elements of Automobile Engineering

*G. S. S. S.*  
Principal

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