

**1.2.1:** Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

The regulations offered during the last five years for B.Tech, M.Tech, and MCA are tabulated below:

Year	B. Tech - Regulations					M. Tech Regulations			MCA - Regulations		
	I Year	II Year	III Year	IV Year		I Year	II Year		I Year	II Year	III Year
<b>2019-20</b>	SVEC-19	SVEC-16	SVEC-16	SVEC-16		SVEC-19	SVEC-16		SVEC-19	SVEC-16	SVEC-16
<b>2018-19</b>	SVEC-16	SVEC-16	SVEC-16	SVEC-14		SVEC-16	SVEC-16		SVEC-16	SVEC-16	SVEC-16
<b>2017-18</b>	SVEC-16	SVEC-16	SVEC-14	SVEC-14		SVEC-16	SVEC-16		SVEC-16	SVEC-16	SVEC-14
<b>2016-17</b>	SVEC-16	SVEC-14	SVEC-14	SVEC-10		SVEC-16	SVEC-14		SVEC-16	SVEC-14	SVEC-14
<b>2015-16</b>	SVEC-14	SVEC-14	SVEC-10	SVEC-10		SVEC-14	SVEC-14		SVEC-14	SVEC-14	SVEC-10

Program-wise list of new courses introduced during the last five years for B.Tech, M.Tech, and MCA are tabulated below:

Programme Code	Programme name	No. of New Courses Introduced (Regulations: SVEC-19, SVEC-16, SVEC-14& SVEC-10)				
		2019-20	2018-19	2017-18	2016-17	2015-16
01	B. Tech. – Civil Engineering	32	34	19	6	3
02	B. Tech. – Electrical and Electronics Engineering	32	37	33	16	3
03	B. Tech – Mechanical Engineering	30	26	19	13	2
04	B. Tech - Electronics and Communication Engineering	27	28	23	13	4
05	B. Tech – Computer Science and Engineering	31	42	39	20	3
10	B. Tech - Electronics and Instrumentation Engineering	24	28	21	10	2
12	B. Tech – Information Technology	26	33	41	15	3
15	B. Tech - Computer Science and System Engineering	31	31	26	15	2
05	M. Tech – Computer Science	18	6	6	6	8
07	M. Tech - Electrical Power Systems	10	6	6	6	7
25	M. Tech – Software Engineering	-NA-	-NA-	-NA-	6	11
38	M. Tech- Digital Electronics and Communication Systems	-NA-	-NA-	9	9	10
57	M. Tech- VLSI	8	7	7	7	13
61	M. Tech- Communication Systems	-NA-	-NA-	7	7	9
63	M. Tech – Computer Networks and Information Security	-NA-	-NA-	-NA-	8	8
83	M. Tech - Power Electronics and Drives	12	-NA-	10	-NA-	-NA-
01	MCA - Master of Computer Applications	15	15	18	15	7
	<b>Total no. of new courses introduced</b>	<b>296</b>	<b>293</b>	<b>284</b>	<b>172</b>	<b>95</b>

**Note:** Program wise, details of List of new courses introduced under various regulations are attached in supporting document.



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**1.2.1 New courses introduced across all programs offered during the last five years.**

Department/Program Name	Page Numbers		
	SVEC-19	SVEC-16	SVEC-14
B. Tech. – Civil Engineering	1	2	3
B. Tech. – Electrical and Electronics Engineering	4	5	6
B. Tech – Mechanical Engineering	7	8	9
B. Tech - Electronics and Communication Engineering	10	11	12
B. Tech – Computer Science and Engineering	13	14	15
B. Tech - Electronics and Instrumentation Engineering	16	17	18
B. Tech – Information Technology	19	20	21
B. Tech - Computer Science and System Engineering	22	23	24
M. Tech – Computer Science	25	26	27
M. Tech - Electrical Power Systems	28	29	30
M. Tech – Software Engineering	31	32	33
M. Tech- Digital Electronics and Communication Systems	34	35	36
M. Tech- VLSI	37	38	39
M. Tech- Communication Systems	40	41	42
M. Tech – Computer Networks and Information Security	43	44	45
M. Tech - Power Electronics and Drives	46	47	-NA-
MCA - Master of Computer Applications	48	49	50



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Civil Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No.	Course Code	Name of the course
1.	19BT1AC01	Spoken English
2.	19BT1BS02	Biology for Engineers
3.	19BT10201	Basic Electrical and Electronics Engineering
4.	19BT10231	Basic Electrical and Electronics Engineering Lab
5.	19BT10501	Programming for Problem Solving
6.	19BT10531	Programming for Problem Solving Lab
7.	19BT2BS02	Applied Physics
8.	19BT2BS31	Applied Physics lab
9.	19BT315AC	Design Thinking
10.	19BT40107	Sustainable Engineering
11.	19BT4BS01	Material Science
12.	19BT4HS05	Gender & Environment
13.	19BT4HS09	Life Skills
14.	19BT4HS11	Professional Ethics
15.	19BT4HS12	Women Empowerment



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Civil Engineering**

**Regulations: SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT20101	Building Materials and Construction Technology
2.	16BT20131	Building Materials and Construction Technology Lab
3.	16BT2BS01	Transformation Techniques and Partial Differential Equations
4.	16BT20252	MATLAB Practice for Civil Engineers
5.	16BT4HS31	Soft Skills Lab
6.	16BT5HS02	Costing and Finance Management for Civil Engineers
7.	16BT5HS02	Costing and Finance Management for Civil Engineers
8.	16BT50441	Principles of Image Processing
9.	16BT60104	Fire Engineering
10.	16BT60107	Advanced Surveying
11.	16BT60111	Structural Health Monitoring
12.	16BT60112	Building maintenance and Repair
13.	16BT6HS05	French Language
14.	16BT6HS06	German Language
15.	16BT6HS07	Indian Constitution
16.	16BT6HS08	Indian Economy
17.	16BT6HS09	Indian Heritage and Culture
18.	16BT6HS10	Indian History
19.	16BT6HS11	Personality Development
20.	16BT6HS13	Philosophy of Education
21.	16BT6HS13	Public Administration
22.	16BT60241	Energy Audit and Conservation
23.	16BT70413	Introduction to Nanoscience and Nanotechnology
24.	16BT70107	Global Positioning System (GPS)
25.	16BT70118	Air Pollution and Control
26.	16BT70121	Hydro Power Engineering
27.	16BT70122	Pavement Analysis and Design
28.	16BT70131	Civil Engineering Software Lab

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Civil Engineering**

**Regulations: SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT60106	Geo-environmental Engineering
2.	14BT60108	Solid Waste Management
3.	14BT70103	Geospatial Technologies
4.	14BT70113	Transportation Management
5.	14BT70121	Remote Sensing and Geographical Information Systems Lab
6.	14BT70106	Environmental Pollution and Control
7.	14BT70107	Contract Laws and Regulations
8.	14BT70108	Planning for Sustainable Development
9.	14BT70109	Rural Technology
10.	14BT80103	Advanced Steel Structures
11.	14BT80107	Infrastructure Development and Management
12.	14BT80109	Bridge Engineering
13.	14BT80111	Rehabilitation and Retrofitting of Structures
14.	14BT80114	Railway, Harbour and Airport Engineering

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electrical and Electronics Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No	Course Code	Name of the course
1.	19BT10201	Basic Electrical and Electronics Engineering
2.	19BT10231	Basic Electrical and Electronics Engineering Lab
3.	19BT10341	Basic Civil and Mechanical Engineering
4.	19BT10501	Programming for Problem Solving
5.	19BT10531	Programming for Problem Solving Lab
6.	19BT1AC01	Spoken English
7.	19BT1BS02	Biology for Engineers
8.	19BT2BS02	Applied Physics
9.	19BT2BS31	Applied Physics Lab
10.	19BT315AC	Design Thinking
11.	19BT40107	Sustainable Engineering
12.	19BT40231	Digital Electronics Lab
13.	19BT40232	Electrical Engineering Workshop
14.	19BT4BS01	Material Science
15.	19BT4HS05	Gender & Environment
16.	19BT4HS09	Life Skills
17.	19BT4HS11	Professional Ethics
18.	19BT4HS12	Women Empowerment

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electrical and Electronics Engineering**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT10232	Electrical and Electronics Workshop Practice
2.	16BT20541	Foundations of Data Structures
3.	16BT20551	Foundations of Data structures Lab
4.	16BT2BS01	Transformation Techniques and Partial Differential Equations
5.	16BT30232	Signals and Networks Lab
6.	16BT4HS31	Soft Skills Lab
7.	16BT51041	Sensors and Signal Conditioning
8.	16BT51041	Sensors and Signal Conditioning
9.	16BT60112	Building Maintenance and Repair
10.	16BT60203	Design and Estimation of Electrical Systems
11.	16BT60210	Special Electrical Machines
12.	16BT61001	ARM Processors and PIC Microcontrollers
13.	16BT61041	Programmable Logic Controllers
14.	16BT6HS05	French Language
15.	16BT6HS06	German Language
16.	16BT6HS07	Indian Constitution
17.	16BT6HS08	Indian Economy
18.	16BT6HS09	Indian Heritage and Culture
19.	16BT6HS10	Indian History
20.	16BT6HS11	Personality Development
21.	16BT6HS13	Philosophy of Education
22.	16BT6HS13	Public Administration
23.	16BT70205	Power System Automation
24.	16BT70207	Analysis of Power Electronic Converters
25.	16BT70209	Smart Grid Technology
26.	16BT70413	Introduction to Nanoscience and Nanotechnology
27.	16BT70432	Embedded Systems Lab



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**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
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**Department of Electrical and Electronics Engineering**

**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electrical and Electronics Engineering**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT50423	Analog Electronics and IC lab
2.	14BT60205	Instrumentation
3.	14BT60208	Computer Aided Electrical Machine Design
4.	14BT60221	Electrical Systems and Simulation Lab
5.	14BT60305	Artificial Intelligence and Robotics
6.	14BT60306	Global Strategy and Technology
7.	14BT60307	Intellectual Property Rights and Management
8.	14BT60308	Managing Innovation and Entrepreneurship
9.	14BT60309	Material Science
10.	14BT6HS01	Banking and Insurance
11.	14BT6HS02	Cost Accounting and Financial Management
12.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
13.	14BT70106	Environmental Pollution and Control
14.	14BT70107	Contract Laws and Regulations
15.	14BT70108	Planning for Sustainable Development
16.	14BT70109	Rural Technology
17.	14BT70204	Reactive Power Compensation and Management
18.	14BT70205	Soft Computing Techniques
19.	14BT70206	Advanced Microcontrollers
20.	14BT70221	Power Electronics and Drives Lab
21.	14BT70222	Power Systems and Simulation Lab
22.	14BT80202	HVDC and FACTS
23.	14BT80203	Power Quality
24.	14BT80206	Smart Grid Technology
25.	14BT80207	Energy Audit and Demand Side Management
26.	14BT80208	Power System Deregulation
27.	14BT80209	Solar and Wind Energy Conversion Systems



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**Department of Mechanical Engineering**

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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Mechanical Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No.	Course Code	Name of the course
1.	19BT10201	Basic Electrical and Electronics Engineering
2.	19BT10231	Basic Electrical and Electronics Engineering Lab
3.	19BT1AC01	Spoken English
4.	19BT1BS02	Biology for Engineers
5.	19BT2BS02	Applied Physics
6.	19BT2BS31	Applied Physics lab
7.	19BT4BS01	Material Science
8.	19BT4HS05	Gender & Environment
9.	19BT4HS09	Life Skills
10.	19BT4HS11	Professional Ethics
11.	19BT4HS12	Women Empowerment
12.	19BT40107	Sustainable Engineering



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**Department of Mechanical Engineering**

**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Mechanical Engineering**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT50306	Human Resources Management
2.	16BT50307	Instrumentation and Control Systems
3.	16BT40502	Database Management System
4.	16BT50402	Microprocessors and Microcontrollers
5.	16BT41202	Java programming
6.	16BT51201	Computer Graphics and Multimedia
7.	16BT60304	Gas Turbines and Jet Propulsion
8.	16BT60305	Hydraulics and Pneumatics
9.	16BT70304	Cryogenics
10.	16BT70332	Industrial Engineering Lab
11.	16BT2BS01	Transformation Techniques and Partial Differential Equations
12.	16BT4HS31	Soft Skills Lab
13.	16BT6HS05	French Language
14.	16BT6HS06	German Language
15.	16BT6HS07	Indian Constitution
16.	16BT6HS08	Indian Economy
17.	16BT6HS09	Indian Heritage and Culture
18.	16BT6HS10	Indian History
19.	16BT6HS11	Personality Development
20.	16BT6HS13	Philosophy of Education
21.	16BT6HS13	Public Administration
22.	16BT60112	Building Maintenance and Repair
23.	16BT70413	Introduction to Nanoscience and Nanotechnology



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Mechanical Engineering**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT60305	Artificial Intelligence and Robotics
2.	14BT60306	Global Strategy and Technology
3.	14BT60307	Intellectual Property Rights and Management
4.	14BT60308	Managing Innovation and Entrepreneurship
5.	14BT60309	Material Science
6.	14BT70106	Environmental Pollution and Control
7.	14BT70107	Contract Laws and Regulations
8.	14BT70108	Planning for Sustainable Development
9.	14BT70109	Rural Technology
10.	14BT6HS01	Banking and Insurance
11.	14BT6HS02	Cost Accounting and Financial Management
12.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
13.	14BT70311	Advanced Welding Technology
14.	14BT80304	Product Design
15.	14BT80305	Advanced Casting Technology
16.	14BT80306	Quality Management and Reliability
17.	14BT80310	Project Management



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electronics and Communication Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No.	Course Code	Name of the course
1.	19BT10201	Basic Electrical and Electronics Engineering
2.	19BT10231	Basic Electrical and Electronics Engineering Lab
3.	19BT10341	Basic Civil and Mechanical Engineering
4.	19BT10501	Programming for Problem Solving
5.	19BT10531	Programming for Problem Solving Lab
6.	19BT1AC01	Spoken English
7.	19BT1BS02	Biology for Engineers
8.	19BT30431	Electromagnetic Fields and Transmission Lines Lab
9.	19BT315AC	Design Thinking
10.	19BT40403	Linear and Digital IC Applications
11.	19BT40431	Digital Design Workshop
12.	19BT4BS01	Material Science
13.	19BT4HS05	Gender & Environment
14.	19BT4HS09	Life Skills
15.	19BT4HS11	Professional Ethics
16.	19BT4HS12	Women Empowerment
17.	19BT40107	Sustainable Engineering



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electronics and Communication Engineering**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT10232	Electrical and Electronics Workshop Practice
2.	16BT2BS01	Transformation Techniques and Partial Differential Equations
3.	16BT20541	Foundations of Data Structures
4.	16BT20551	Foundations of Data structures Lab
5.	16BT30431	Basic Electronics and Digital Design Lab
6.	16BT4HS31	Soft Skills Lab
7.	16BT50431	Linear and Digital IC Applications Lab
8.	16BT60408	Information Theory and Coding
9.	16BT60410	Nanoelectronics
10.	16BT60431	Digital Communications Lab
11.	16BT6HS05	French Language
12.	16BT6HS06	German Language
13.	16BT6HS07	Indian Constitution
14.	16BT6HS08	Indian Economy
15.	16BT6HS09	Indian Heritage and Culture
16.	16BT6HS10	Indian History
17.	16BT6HS11	Personality Development
18.	16BT6HS12	Philosophy of Education
19.	16BT6HS13	Public Administration
20.	16BT60112	Building Maintenance and Repair
21.	16BT70407	Wireless Communication and Networks
22.	16BT70409	RF Engineering
23.	16BT70432	Embedded Systems Lab
24.	16BT70413	Introduction to Nanoscience and Nanotechnology

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electronics and Communication Engineering**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT60404	Analog IC Design
2.	14BT6HS01	Banking and Insurance
3.	14BT6HS02	Cost Accounting and Financial Management
4.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
5.	14BT60305	Artificial Intelligence and Robotics
6.	14BT60306	Global Strategy and Technology
7.	14BT60307	Intellectual Property Rights and Management
8.	14BT60308	Managing Innovation and Entrepreneurship
9.	14BT60309	Material Science
10.	14BT70405	Digital CMOS IC Design
11.	14BT70106	Environmental Pollution and Control
12.	14BT70107	Contract Laws and Regulations
13.	14BT70108	Planning for Sustainable Development
14.	14BT70109	Rural Technology
15.	14BT80402	Mixed Signal Design
16.	14BT80531	Wireless Sensor Networks
17.	14BT80405	Speech Processing

  
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**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
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Sree Sainath Nagar, Tirupati

**Department of Computer Science and Engineering**

**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Computer Science and Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No.	Course Code	Name of the course
1.	19BT1BS02	Biology for Engineers
2.	19BT10201	Basic Electrical and Electronics Engineering
3.	19BT10231	Basic Electrical and Electronics Engineering Lab
4.	19BT1AC01	Spoken English
5.	19BT315AC	Design Thinking
6.	19BT4BS01	Material Science
7.	19BT4HS05	Gender & Environment
8.	19BT4HS09	Life Skills (2020)
9.	19BT4HS11	Professional Ethics
10.	19BT4HS12	Women Empowerment
11.	19BT40107	Sustainable Engineering
12.	19BT31232	Software Engineering Lab
13.	19BT40531	Computer Networks Lab



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Computer Science and Engineering**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT2BS01	Transformation Techniques and Partial Differential Equations
2.	16BT21201	Object Oriented Programming through C++
3.	16BT21232	Object Oriented Programming Lab
4.	16BT30503	Python Programming
5.	16BT30532	Python Programming Lab
6.	16BT31231	Java Programming Lab
7.	16BT4HS31	Soft Skills Lab
8.	16BT50503	Computer Vision
9.	16BT50504	Data Communications
10.	16BT50531	Computer Networks Lab
11.	16BT50341	Optimization Techniques
12.	16BT60502	Soft Computing
13.	16BT60503	Wireless Networks
14.	16BT71210	High Performance Computing
15.	16BT60504	Principles of Programming Languages
16.	16BT6HS05	French Language
17.	16BT6HS06	German Language
18.	16BT6HS07	Indian Constitution
19.	16BT6HS08	Indian Economy
20.	16BT6HS09	Indian Heritage and Culture
21.	16BT6HS10	Indian History
22.	16BT6HS11	Personality Development
23.	16BT6HS12	Philosophy of Education
24.	16BT6HS13	Public Administration
25.	16BT60112	Building Maintenance and Repair
26.	16BT70413	Introduction to Nanoscience and Nanotechnology
27.	16BT70502	Ethical Hacking
28.	16BT70503	Computer Forensics
29.	16BT71508	Internet of Things
30.	16BT61231	Cloud Computing Lab

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Computer Science and Engineering**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT4HS01	Business Communication and Presentation Skills
2.	14BT50521	Operating Systems and Unix Lab
3.	14BT6HS01	Banking and Insurance
4.	14BT6HS02	Cost Accounting and Financial Management
5.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
6.	14BT70105	Disaster Mitigation and Management
7.	14BT70106	Environmental Pollution and Control
8.	14BT70107	Contract Laws and Regulations
9.	14BT70108	Planning for Sustainable Development
10.	14BT70109	Rural Technology
11.	14BT60305	Artificial Intelligence and Robotics
12.	14BT60306	Global Strategy and Technology
13.	14BT60307	Intellectual Property Rights and Management
14.	14BT60308	Managing Innovation and Entrepreneurship
15.	14BT60309	Material Science
16.	14BT60502	Engineering Systems Analysis and Design
17.	14BT61204	Cyber Security and Laws
18.	14BT70502	Mobile Computing
19.	14BT70503	Advanced Computer Architecture
20.	14BT71205	Machine Learning
21.	14BT71501	Embedded System Programming
22.	14BT71504	Simulation and Modeling
23.	14BT71202	Multimedia and Application Development
24.	14BT71206	Service Oriented Architecture
25.	14BT71521	Data Warehousing and Data Mining Lab
26.	14BT80501	Design Patterns
27.	14BT80502	Big Data
28.	14BT80503	Computer Forensics
29.	14BT80504	Distributed Systems
30.	14BT80505	Network Management
31.	14BT71201	Mobile Application Development
32.	14BT81204	Information Retrieval Systems
33.	14BT81206	Semantic Web

**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electronics and Instrumentation Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No.	Course Code	Name of the course
1.	19BT31031	Instrumentation workshop
2.	19BT40403	Linear and Digital IC Applications
3.	19BT1AC01	Spoken English
4.	19BT1BS02	Biology for Engineers
5.	19BT4BS01	Material Science
6.	19BT4HS05	Gender & Environment
7.	19BT4HS09	Life Skills
8.	19BT4HS11	Professional Ethics
9.	19BT4HS12	Women Empowerment
10.	19BT40107	Sustainable Engineering

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electronics and Instrumentation Engineering**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT41032	Control systems Design lab
2.	16BT51031	Industrial Instrumentation -Lab
3.	16BT61001	ARM Processors and PIC Microcontrollers
4.	16BT61003	Instrumentation System Design
5.	16BT61031	ARM processors and PIC Microcontrollers lab
6.	16BT71002	Biomedical Signal Processing
7.	16BT71007	Instrumentation in petrochemical industries
8.	16BT71010	System Design using microcontrollers
9.	16BT2BS01	Transformation Techniques and Partial Differential Equations
10.	16BT4HS31	Soft Skills Lab
11.	16BT6HS05	French Language
12.	16BT6HS06	German Language
13.	16BT6HS07	Indian Constitution
14.	16BT6HS08	Indian Economy
15.	16BT6HS09	Indian Heritage and Culture
16.	16BT6HS10	Indian History
17.	16BT6HS11	Personality Development
18.	16BT6HS13	Philosophy of Education
19.	16BT6HS13	Public Administration
20.	16BT60112	Building Maintenance and Repair
21.	16BT30431	Basic Electronics and Digital Design Lab
22.	16BT10232	Electrical and Electronics Workshop Practice
23.	16BT60305	Hydraulics and Pneumatics
24.	16BT70413	Introduction to Nanoscience and Nanotechnology

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Electronics and Instrumentation Engineering**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT60305	Artificial Intelligence and Robotics
2.	14BT60306	Global Strategy and Technology
3.	14BT60307	Intellectual Property Rights and Management
4.	14BT60308	Managing Innovation and Entrepreneurship
5.	14BT60309	Material Science
6.	14BT6HS01	Banking and Insurance
7.	14BT6HS02	Cost Accounting and Financial Management
8.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
9.	14BT70106	Environmental Pollution and Control
10.	14BT70107	Contract Laws and Regulations
11.	14BT70108	Planning for Sustainable Development
12.	14BT70109	Rural Technology
13.	14BT70205	Soft Computing Techniques
14.	14BT81004	Aircraft Instrumentation
15.	14BT81005	Automotive Instrumentation
16.	14BT81006	Instrumentation In Process Industries



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Information Technology**

**Regulations : SVEC-19** (upto II B.Tech-II semester)

S. No.	Course Code	Name of the course
1.	19BT1BS02	Biology for Engineers
2.	19BT1AC01	Spoken English
3.	19BT31232	Software Engineering Lab
4.	19BT315AC	Design Thinking
5.	19BT40531	Computer Networks Lab
6.	19BT4HS05	Gender & Environment
7.	19BT4HS09	Life Skills
8.	19BT4HS11	Professional Ethics
9.	19BT40107	Sustainable Engineering
10.	19BT4HS12	Women Empowerment
11.	19BT4BS01	Material Science

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Information Technology**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT2BS01	Transformation Techniques and Partial Differential Equations
2.	16BT21201	Object Oriented Programming through C++
3.	16BT21232	Object Oriented Programming Lab
4.	16BT31231	Java Programming Lab
5.	16BT4HS31	Soft Skills Lab
6.	16BT51232	Computer Graphics and Multimedia Lab
7.	16BT60503	Wireless Networks
8.	16BT61203	Advanced Databases
9.	16BT30503	Python Programming
10.	16BT61231	Cloud Computing Lab
11.	16BT61232	Knowledge Engineering Lab
12.	16BT6HS05	French Language
13.	16BT6HS06	German Language
14.	16BT6HS07	Indian Constitution
15.	16BT6HS08	Indian Economy
16.	16BT6HS09	Indian Heritage and Culture
17.	16BT6HS10	Indian History
18.	16BT6HS11	Personality Development
19.	16BT6HS13	Philosophy of Education
20.	16BT6HS13	Public Administration
21.	16BT60112	Building Maintenance and Repair
22.	16BT70413	Introduction to Nanoscience and Nanotechnology
23.	16BT60441	Pattern Recognition
24.	16BT60502	Soft Computing
25.	16BT71207	E-commerce
26.	16BT71209	Machine Learning
27.	16BT71508	Internet of Things
28.	16BT71231	Big Data Technologies Lab

  
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## LIST OF NEW COURSES INTRODUCED

**Program: B.Tech.- Information Technology**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT6HS01	Banking and Insurance
2.	14BT6HS02	Cost Accounting and Financial Management
3.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
4.	14BT70106	Environmental Pollution and Control
5.	14BT70107	Contract Laws and Regulations
6.	14BT70108	Planning for Sustainable Development
7.	14BT70109	Rural Technology
8.	14BT60305	Artificial Intelligence and Robotics
9.	14BT60306	Global Strategy and Technology
10.	14BT60307	Intellectual Property Rights and Management
11.	14BT60308	Managing Innovation and Entrepreneurship
12.	14BT60309	Material Science
13.	14BT71201	Mobile Application Development
14.	14BT71203	Scripting Languages
15.	14BT80504	Distributed Systems
16.	14BT81203	.Net Technologies
17.	14BT70503	Advanced Computer Architecture
18.	14BT71501	Embedded System Programming
19.	14BT80502	Big Data



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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Computer Science and Systems Engineering**

**Regulations : SVEC-19 (upto II B.Tech-II semester)**

S. No.	Course Code	Name of the course
1.	19BT31503	System Programming
2.	19BT31533	Workshop in Computer Science and Systems Engineering
3.	19BT315AC	Design Thinking
4.	19BT41531	Design and Analysis of Algorithms Lab
5.	19BT1AC01	Spoken English
6.	19BT1BS02	Biology for Engineers
7.	19BT4BS01	Material Science
8.	19BT4HS05	Gender & Environment
9.	19BT4HS09	Life Skills
10.	19BT4HS11	Professional Ethics
11.	19BT4HS12	Women Empowerment
12.	19BT40107	Sustainable Engineering
13.	19BT31232	Software Engineering Lab
14.	19BT10201	Basic Electrical and Electronics Engineering
15.	19BT10231	Basic Electrical and Electronics Engineering Lab

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: B.Tech.- Computer Science and Systems Engineering**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16BT51502	Systems Software
2.	16BT51503	Intelligent Computing Systems
3.	16BT51531	Systems Software Lab
4.	16BT61504	Windows Programming
5.	16BT61505	Bio-Informatics
6.	16BT71502	Systems Engineering
7.	16BT71503	Data Analytics
8.	16BT71507	Business Analytics
9.	16BT71508	Internet of Things
10.	16BT71509	Secure Software Engineering
11.	16BT71531	System Modeling and Simulation Lab
12.	16BT2BS01	Transformation Techniques and Partial Differential Equations
13.	16BT4HS31	Soft Skills Lab
14.	16BT6HS05	French Language
15.	16BT6HS06	German Language
16.	16BT6HS07	Indian Constitution
17.	16BT6HS08	Indian Economy
18.	16BT6HS09	Indian Heritage and Culture
19.	16BT6HS10	Indian History
20.	16BT6HS11	Personality Development
21.	16BT6HS13	Philosophy of Education
22.	16BT6HS13	Public Administration
23.	16BT60112	Building Maintenance and Repair
24.	16BT30503	Python Programming
25.	16BT60502	Soft Computing
26.	16BT60503	Wireless Networks
27.	16BT21201	Object Oriented Programming through C++
28.	16BT21232	Object Oriented Programming Lab
29.	16BT31231	Java Programming Lab
30.	16BT70413	Introduction to Nanoscience and Nanotechnology

  
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**Program: B.Tech.- Computer Science and Systems Engineering**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14BT6HS01	Banking and Insurance
2.	14BT6HS02	Cost Accounting and Financial Management
3.	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises
4.	14BT70106	Environmental Pollution and Control
5.	14BT70107	Contract Laws and Regulations
6.	14BT70108	Planning for Sustainable Development
7.	14BT70109	Rural Technology
8.	14BT60305	Artificial Intelligence and Robotics
9.	14BT60306	Global Strategy and Technology
10.	14BT60307	Intellectual Property Rights and Management
11.	14BT60308	Managing Innovation and Entrepreneurship
12.	14BT60309	Material Science
13.	14BT71501	Embedded System Programming
14.	14BT71503	Kernel Programming
15.	14BT71504	Simulation and Modeling
16.	14BT71505	Real Time Systems
17.	14BT70503	Advanced Computer Architecture
18.	14BT70502	Mobile Computing
19.	14BT81203	.Net Technologies
20.	14BT71201	Mobile Application Development
21.	14BT80502	Big Data

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Computer Science**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT10503	Mathematical Foundations of Computer Science
2.	19MT26302	Wireless Sensor Networks
3.	19MT10504	Artificial Intelligence
4.	19MT10506	Image Processing
5.	19MT10508	High Performance Computing
6.	19MT10509	Machine Learning
7.	19MT10531	Advanced Algorithms Lab
8.	19MT1AC01	Technical Report Writing
9.	19MT20501	Data Science
10.	19MT20503	Artificial Neural Networks and Deep Learning
11.	19MT20505	Data Preparation and Analysis
12.	19MT20506	Cyber Security
13.	19MT20507	Recommender Systems
14.	19MT20508	Soft Computing
15.	19MT20509	Virtual Reality and Augmented Reality
16.	19MT20531	Data Science Lab
17.	19MT20532	Web Technologies Lab
18.	19MT2AC01	Statistics with R

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Computer Science**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MT10505	Computer Vision
2.	16MT10507	Internet of Things
3.	16MT22504	Software Testing Techniques
4.	16MT20502	Big Data Analytics
5.	16MT20531	Cloud Computing and Big Data Analytics Lab
6.	16MT23810	Intellectual Property Rights



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Computer Science**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14MT10506	Computer Vision and Graphics
2.	14MT10508	Information Retrieval Systems
3.	14MT10310	Research Methodology
4.	14MT20501	Advanced Computer Architecture
5.	14MT20502	Advanced Operating Systems
6.	14MT20506	Big Data Analytics
7.	14MT20507	Information Security
8.	14MT20508	Mobile Computing



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Electrical Power Systems**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT10702	Power Electronics for Power Systems
2.	19MT18304	Control System Design
3.	19MT18307	Electromagnetic Field Computation and Modeling
4.	19MT10705	Digital Signal Processing
5.	19MT10708	Research Methodology and IPR
6.	19MT1AC01	Technical Report Writing
7.	19MT28305	Solar Energy Conversion Systems
8.	19MT20704	Power System Automation
9.	19MT28309	Wind Energy Conversion Systems
10.	19MT2AC01	Statistics with R

  
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**Department of Electrical and Electronics Engineering**

**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Electrical Power Systems**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MT10702	High Voltage Engineering
2.	16MT10706	EHVAC Transmission
3.	16MT10731	High Voltage Engineering Lab
4.	16MT13808	Research Methodology
5.	16MT20732	Power Systems Simulation-II lab
6.	16MT23810	Intellectual Property Rights



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Electrical Power Systems**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14MT10701	Power System Security and State Estimation
2.	14MT10704	Power Electronic Converters
3.	14MT10708	Solar and Wind Energy Conversion Systems
4.	14MT10709	Optimization Techniques
5.	14MT10310	Research Methodology
6.	14MT20704	Smart Grid Technology
7.	14MT20721	Power Systems Simulation Laboratory



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Software Engineering**

**Regulations : SVEC-19**

S. No	Course Code	Name of the course
1.	19MT12501	Advanced Software Engineering
2.	19MT12503	Mobile Application Development
3.	19MT12504	Information Retrieval Systems
4.	19MT12505	Python Programming
5.	19MT12506	User Interface Design
6.	19MT12508	Information Security
7.	19MT12532	Mobile Application Development Lab
8.	19MT22501	Full Stack Technologies
9.	19MT22503	Advanced Databases
10.	19MT22504	.Net Technologies
11.	19MT22506	Software Quality Assurance
12.	19MT22531	Full Stack Technologies Lab
13.	19MT22532	Software Architecture and Design Patterns Lab



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Software Engineering**

**Regulations : SVEC-16**

S. No	Course Code	Name of the course
1.	16MT12508	Software Reliability and Reuse
2.	16MT12531	Advanced Software Engineering Lab-1
3.	16MT12532	Cloud Computing Lab
4.	16MT22504	Software Testing Techniques
5.	16MT22531	Advanced Software Engineering Lab-2
6.	16MT22532	Big Data Technologies Lab

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Software Engineering**

**Regulations : SVEC-14**

S. No	Course Code	Name of the course
1.	14MT12501	Software Development Methodology
2.	14MT12504	Web Technologies
3.	14MT12505	Distributed Databases
4.	14MT12506	Machine Learning
5.	14MT12507	User Interface Design
6.	14MT10310	Research Methodology
7.	14MT22503	Software Measurement and Metrics
8.	14MT22505	Software Testing
9.	14MT22506	Big Data Technologies
10.	14MT22508	Software Reverse Engineering
11.	14MT22509	Software Reuse



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Digital Electronics and Communication Systems**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT13801	Advanced Digital Signal Processing
2.	19MT15708	Low Power CMOS VLSI Design
3.	19MT13806	Adaptive Signal Processing
4.	19MT13807	RF Circuit Design & Microwave Devices
5.	19MT13832	Communications and Signal Processing Lab
6.	19MT1AC01	Technical Report Writing
7.	19MT23802	MIMO System
8.	19MT26305	Internet of Things
9.	19MT23804	Software Defined Radio
10.	19MT23832	VLSI Design Verification and Testing Lab
11.	19MT2AC01	Statistics with R



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Digital Electronics and Communication Systems**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MT13804	Image & Video Processing
2.	16MT20501	Advanced Computer Architecture
3.	16MT12541	Soft Computing Techniques
4.	16MT13806	ASIC Design
5.	16MT13832	Image & Video Processing Lab
6.	16MT13808	Research Methodology
7.	16MT23809	Speech Processing
8.	16MT23832	Embedded Systems Lab
9.	16MT23810	Intellectual Property Rights



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Digital Electronics and Communication Systems**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14MT13801	Computer Architectures
2.	14MT13831	Linear Algebra
3.	14MT13804	Modern Digital Signal Processing
4.	14MT13805	Computer Networks
5.	14MT13808	Transform Techniques
6.	14MT10310	Research Methodology
7.	14MT23801	Display Technologies and Devices
8.	14MT23804	Testing and Testability of Digital Systems
9.	14MT23807	Neural Networks and Fuzzy Systems
10.	14MT23809	Real Time Systems



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- VLSI**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT15708	Low Power CMOS VLSI Design
2.	19MT1AC01	Technical Report Writing
3.	19MT25701	Nano Materials and Nanotechnology
4.	19MT25704	Memory Technologies
5.	19MT25706	Communication Buses and Interfaces
6.	19MT25707	Network-on-Chip Design
7.	19MT25731	Physical Design Automation Lab
8.	19MT2AC01	Statistics with R



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- VLSI**

**Regulations : SVEC-16**

S. No	Course Code	Name of the course
1.	16MT23808	Real Time Systems
2.	16MT15708	RFIC Design
3.	16MT13808	Research Methodology
4.	16MT25703	Nanoelectronics
5.	16MT25708	System-on-Chip Design and Verification
6.	16MT25732	Nanoelectronics Lab
7.	16MT23810	Intellectual Property Rights



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**Program: M.Tech.- VLSI**

**Regulations : SVEC-14**

S. No	Course Code	Name of the course
1.	14MT15702	Computational Techniques in Microelectronics
2.	14MT15703	Device Modeling
3.	14MT15705	IC Fabrication
4.	14MT15706	Advanced Digital Signal Processing
5.	14MT15707	FPGA Applications
6.	14MT15708	Low Voltage Analog Circuit Design
7.	14MT15709	ULSI Technology
8.	14MT10310	Research Methodology
9.	14MT25703	Mixed Signal Design
10.	14MT25704	RF IC Design
11.	14MT25707	Co-Design
12.	14MT25708	DSP Processors
13.	14MT25709	Wireless Sensor Networks



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Communication Systems**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT13807	RF Circuit Design & Microwave Devices
2.	19MT1AC01	Technical Report Writing
3.	19MT23802	MIMO System
4.	19MT26305	Internet of Things
5.	19MT26102	Pattern Recognition
6.	19MT2AC01	Statistics with R



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Communication Systems**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MT16132	RF Circuits & Optical Communications lab
2.	16MT13808	Research Methodology
3.	16MT13804	Image & Video Processing
4.	16MT26102	Smart Antennas
5.	16MT23809	Speech Processing
6.	16MT13832	Image & Video Processing Lab
7.	16MT23810	Intellectual Property Rights

  
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## LIST OF NEW COURSES INTRODUCED

**Program: M.Tech.- Communication Systems**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14MT15706	Advanced Digital Signal Processing
2.	14MT13831	Linear Algebra
3.	14MT16103	Speech Processing
4.	14MT13808	Transform Techniques
5.	14MT10310	Research Methodology
6.	14MT26102	Software Defined Radio
7.	14MT26103	EMI/ EMC
8.	14MT26105	Telemetry and Telecontrol
9.	14MT25709	Wireless Sensor Networks



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Computer Networks and Information Security**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT10501	Advanced Algorithms
2.	19MT10502	Advanced Data Structures
3.	19MT10503	Mathematical Foundations of Computer Science
4.	19MT10504	Artificial Intelligence
5.	19MT16302	Network Intrusion Detection Systems
6.	19MT10509	Machine Learning
7.	19MT16305	Malware and Risk Analysis
8.	19MT10531	Advanced Algorithms Lab
9.	19MT10532	Advanced Data Structures Lab
10.	19MT1AC01	Technical Report Writing
11.	19MT26302	Wireless Sensor Networks
12.	19MT20503	Artificial Neural Networks and Deep Learning
13.	19MT26304	GPU Computing
14.	19MT20508	Soft Computing
15.	19MT26306	Blockchain Technologies
16.	19MT26307	Secure Software Design and Enterprise Computing
17.	19MT26308	Software Defined Networks
18.	19MT26332	Wireless Sensor Networks Lab
19.	19MT2AC01	Statistics with R



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**Department of Computer Science and Engineering**

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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Computer Networks and Information Security**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MT16302	Ethical Hacking
2.	16MT10507	Internet of Things
3.	16MT20502	Big Data Analytics
4.	16MT26302	Network Programming
5.	16MT10506	Information Retrieval Systems
6.	16MT26306	Social Networks
7.	16MT20531	Cloud Computing & Big Data Analytics Lab
8.	16MT23810	Intellectual property Rights



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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Computer Networks and Information Security**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14MT10501	Advanced Computer Networks
2.	14MT20507	Information Security
3.	14MT20508	Mobile Computing
4.	14MT10310	Research Methodology
5.	14MT16321	Wireless Networks and Information Security Laboratory
6.	14MT26301	Ad-Hoc Wireless Networks
7.	14MT26302	Computer Forensics
8.	14MT20505	Web Programming

  
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**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Power Electronic Drives**

**Regulations : SVEC-19**

S. No.	Course Code	Name of the course
1.	19MT18304	Control System Design
2.	19MT10705	Digital Signal Processing
3.	19MT18307	Electromagnetic Field Computation and Modeling
4.	19MT10708	Research Methodology and IPR
5.	19MT1AC01	Technical Report Writing
6.	19MT28301	Digital Control of Power Electronics and Drive Systems
7.	19MT28303	Advanced Power Electronic Circuits
8.	19MT28304	Multilevel Inverters
9.	19MT28305	Solar Energy Conversion Systems
10.	19MT28308	Switched Mode Power Supplies and UPS
11.	19MT28309	Wind Energy Conversion Systems
12.	19MT2AC01	Statistics with R



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**Department of Electrical and Electronics Engineering**

**LIST OF NEW COURSES INTRODUCED**

**Program: M.Tech.- Power Electronic Drives**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MT1BS01	Applied Mathematics
2.	16MT18304	Modelling of Electrical Machines
3.	16MT18305	Electric and Hybrid-Electric Vehicles
4.	16MT18306	Intelligent Controllers
5.	16MT18331	Power Electronics Design Lab
6.	16MT13808	Research Methodology
7.	16MT28301	Linear and Nonlinear Control Systems
8.	16MT28305	Special Electrical Machines
9.	16MT28331	Electric Drives Lab
10.	16MT23810	Intellectual Property

  
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**Department of Master of Computer Applications**

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**LIST OF NEW COURSES INTRODUCED**

**Program: MCA- Master of Computer Applications**

**Regulations : SVEC-19 (upto II Year II- Semester)**

S. No.	Course Code	Name of the course
1.	19MC20104	Software Engineering
2.	19MC30103	Python Programming
3.	19MC30133	Python Programming Lab
4.	19MC40104	Block Chain Technologies
5.	19MC40109	Artificial Intelligence
6.	19MC40110	Cyber Security
7.	19MC40111	Service Oriented Architecture



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**Department of Master of Computer Applications**

**LIST OF NEW COURSES INTRODUCED**

**Program: MCA- Master of Computer Applications**

**Regulations : SVEC-16**

S. No.	Course Code	Name of the course
1.	16MC1HS31	English Language Laboratory
2.	16MC30133	Object Oriented Analysis and Design Lab
3.	16MC40102	LINUX Programming
4.	16MC40104	Service Oriented Architecture
5.	16MC40105	Internet of Things
6.	16MC40106	Computer Forensics
7.	16MC40110	Wireless Networks
8.	16MC4HS31	Soft Skills Laboratory
9.	16MC40131	Big Data Analytics Lab
10.	16MC50101	Cloud Computing
11.	16MC50104	Software Quality Assurance
12.	16MC50105	Semantic Web
13.	16MC50109	Bioinformatics
14.	16MC50110	Ethical Hacking
15.	16MC50131	Cloud Computing Lab

  
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**Department of Master of Computer Applications**

**LIST OF NEW COURSES INTRODUCED**

**Program: MCA- Master of Computer Applications**

**Regulations : SVEC-14**

S. No.	Course Code	Name of the course
1.	14MC1HS02	Professional Communication
2.	14MC2HS01	Professional Ethics
3.	14MC40103	Big Data Analytics
4.	14MC40106	User Interface Design
5.	14MC40107	Design Patterns
6.	14MC40109	Social Media
7.	14MC4HS01	Business Communication And Presentation Skills
8.	14MC50102	Software Testing
9.	14MC50103	Cloud Computing
10.	14MC50104	Mobile Application Development
11.	14MC50105	Unix Internals
12.	14MC50107	Network Management
13.	14MC50108	Business Intelligence
14.	14MC50109	Enterprise Resource Planning
15.	14MC50121	Information Security Lab
16.	14MC50122	Software Testing Lab



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