

Faculty of Engineering

With effect from the Academic Year 2018-2019

**SCHEME OF INSTRUCTION & EXAMINATION**

**B.E.VSemester(COMPUTERSCIENCE&ENGINEERING)**

Professional Elective – I		
S. No.	Course Code	Course Title
1	PE501 CS	Advanced Computer Architecture
2	PE502 CS	Artificial Intelligence
3	PE503 CS	Simulation and Modeling

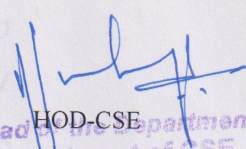
**HOD-CSE**

Methodist College of Engg & Tech  
Abids, Hyderabad.

**SCHEME OF INSTRUCTION & EXAMINATION**

**B.E. VII - Semester (COMPUTER SCIENCE AND ENGINEERING)**

Open Elective – II			Open Elective – III		
S. No.	Course Code	Course Title	S. No.	Course Code	Course Title
1	OE 771 CE	Green Building Technologies	1	OE 781 CE	Road Safety Engineering
2	OE 772 CS**	Data Science Using R Programming	2	OE 782 IT**	Software Engineering
3	OE 773 EC	Fundamentals of IoT	3	OE 783 EC	Principles of Electronic Communications
4	OE 774 EE	Non-Conventional Energy Sources	4	OE 784 EE	Illumination and Electric Traction systems
5	OE 775 ME	Entrepreneurship	5	OE 785 ME	Mechatronics

  
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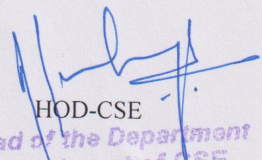
## SCHEME OF INSTRUCTION &amp; EXAMINATION

## B.E.VISemester(COMPUTERSCIENCE&amp;ENGINEERING)

Open Elective-I:		
S.No	Course Code	Course Title
1	OE601CE	Disaster Management
2	OE602CE	Geo Spatial Techniques
3	OE601CS	Operating Systems**
4	OE602CS	OOP using Java**
5	OE601IT	Database Systems**
6	OE601EC	Principles of Embedded Systems
7	OE602EC	Digital System Design using HDL Verilog
8	OE601EE	Reliability Engineering
9	OE602EE	Basics of Power Electronics
10	OE601ME	Industrial Robotics
11	OE602ME	Material Handling
12	OE632AE	Automotive Safety & Ergonomics

Professional Elective – II		
S.No	Course Code	Course Title
1	PE 601CS	Graph Theory and Its Applications
2	PE 602CS	Advanced Computer Graphics
3	PE 603CS	Advanced Databases

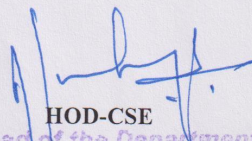
Mandatory Course		
S.No	Course Code	Course Title
1	MC951SP	Yoga Practice
2	MC952SP	National Service Scheme
3	MC953SP	Sports

  
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### SCHEME OF INSTRUCTION & EXAMINATION

#### B.E. VIII - Semester (COMPUTER SCIENCE AND ENGINEERING)

Professional Elective – III			Professional Elective – IV		
S. No.	Course Code	Course Title	S. No.	Course Code	Course Title
1	PE 821 CS	Mobile Computing	1	PE 831 CS	Embedded Systems
2	PE 822 CS	Image Processing	2	PE 832 CS	Information Retrieval Systems
3	PE 823 CS	Software Quality and Testing	3	PE 833 CS	Machine Learning
4	PE 824 CS	Web Services and Architecture	4	PE 834 CS	Natural Language Processing
5	PE 825 CS	Computational Intelligence	5	PE 835 CS	Data Science using R Programming
Professional Elective – V					
1	PE 841 CS	Multicore and GPU Programming			
2	PE 842 CS	Cloud Computing			
3	PE 843 CS	Human Computer Interaction			



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