



**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be **UNIVERSITY**)

-Estd. u/s 3 of UGC Act 1956

22.07.2020

Minutes of the meeting of M.Tech CSE Programme is held on 22.07.2020 at 11.00 AM in Head of the Department cabin.

**BOS Members Present:**

1	Dr. Venkatesulu Dondeti, Professor Department of Computer Science and Engineering, VFSTRU	Chairman
2	Dr.M.K.Banga, Professor and Chairman of CSE, Dayanand Sagar University, Bengaluru.	Member
3	Dr.Sri Charan, WIPRO Technologies, Sholingahallur	Member
4	Dr.K.Hemantha Kumar, Professor, Department of Computer Science and Engineering	Member
5	Dr.M.Nirupama Bhat, Associate Professor Department of Computer Science and Engineering, VFSTRU	Member
6	Dr. M. Shanmugham, Associate Professor Department of Computer Science and Engineering, VFSTRU	Member
7	Dr. S V Phani Kumar, Associate Professor Department of Computer Science and Engineering, VFSTRU	Member
8	Mr. DS. Bhupal Naik, Assistant Professor Department of Computer Science and Engineering, VFSTRU	Member
9	Mr. B Jyostna Devi, Assistant Professor Department of Computer Science and Engineering, VFSTRU	Member

**Minutes of meeting:**

- Dr. D Venkatesulu, Head, CSE has invited all the external and internal members and presented the glimpses of R-20 Curriculum.
- He also shared the practices followed in the design of R-20 Course Contents and mentioned how it is varied from R 17 curriculum. He also mentioned that CBCS is followed in this R 20 Course Curriculum also. Thereafter, he shared the minutes of CDMC with all members along with feedback analysis received on R17. Further, he presented the draft Course Structure and it is attached as Annexure I. List of new courses I R 20 is included as Annexure II.

- Major restructuring has taken place in the curriculum which is oriented towards Project based learning with the reduction of credits. Dr. D Venkatesulu also mentioned that there is a 45% of course content revision was held when compared with R 17.
- He also mentioned that the Curriculum is encompassing the courses that enable employability or entrepreneurship or skill development. List is attached as Annexure III.
- In the view of reduction of courses in R 20, the committee recommended to offer major thrust research courses as professional core. Machine Learning is also added to the professional core. Some more thrust research-oriented courses were added to the elective stream.
- As per the stakeholder feedback, open elective courses are introduced along with that few credits are allotted to NPTEL courses also.

1 D. Venkatesulu

3 Sri Churn

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7 S. R. K.

9 B. Jyoti

2 M.K. Banerjee

4 K. Hey

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Semester - I

Course Title	L	T	P	C
Internet of Things	3	-	2	4
Cryptography and Network Security	3	-	2	4
Machine Learning	3	-	-	3
Data Structures & Algorithms	3	-	-	3
Audit Course – 1	1	-	-	.
Elective - I	3	-	-	3
Intra Disciplinary Project	-	-	4	2
<b>Credits</b>				<b>19</b>

Semester - II

Course Title	L	T	P	C
Bigdata Analytics	3	-	2	4
Cloud Computing	3	-	2	4
Research Methodology & IPR	2	-	-	2
Elective - II	3	-	-	3
Elective - III	3	-	-	3
Employment Orientation Program	2	-	-	2
Societal Centric/ Industry Oriented Project	-	-	4	2
Audit Course – 2	1	-	-	-
<b>Credits</b>				<b>20</b>

Semester – III & IV

Course Title	L	T	P	C
MOOCS Course-1	3	-	-	3
MOOCS Course-2	3	-	-	3
Total				6

Course Title	L	T	P	C
Project / Internship Phase-1	-	-	20	10
Project / Internship Phase-2	-	-	32	16
<b>Credits</b>				26

**Pool of Electives:**

Course Title	L	T	P	C
Fundamentals of Image Processing	3	-	-	3
Cyber Security & Laws	3	-	-	3
Advanced Data Mining	3	-	-	3
Artificial Intelligence	3	-	-	3
Mobile Adhoc Networks	3	-	-	3
Computer Vision	3	-	-	3
Wireless Communication Networks	3	-	-	3
Wireless Computer Networks	3	-	-	3
Biometrics	3	-	-	3
Deep Learning	3	-	-	3
Cloud Security	3	-	-	3
Web and Database Security	3	-	-	3
Pattern Recognition	3	-	-	3
Natural Language Processing	3	-	-	3
Block Chain Technologies	3	-	-	3
Optimization Techniques	3	-	-	3

*A. Venkatesh*

Chairman, BOS



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Department of Computer Science & Engineering

**R 20 M.Tech CSE**

**List of New Courses**

- Artificial Intelligence
- Cryptography and Network Security
- Machine Learning
- Data Structures & Algorithms
- Human Values and Gender Equity
- Image Processing
- Mobile Ad- hoc Networks
- Internet Technologies
- Data Analytics
- Bigdata Analytics
- Cloud Computing
- Research Methodologies & IPR
- Advanced Data Mining
- Deep Learning
- Internet of Things
- Mobile Computing
- Employment Orientation Program
- Societal Centric/ Industry Oriented Project
- MOOCs Course
- Mini/ Intra Disciplinary Project

Chairman, BOS



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Department of Computer Science & Engineering

**R 20 M.Tech CSE**

**List of New Courses**

<b>Course Title</b>	<b>Course Category</b>
Artificial Intelligence	Skill Development
Cryptography and Network Security	Skill Development
Machine Learning	Skill Development
Data Structures & Algorithms	Skill Development
Image Processing	Skill Development
Mobile Ad- hoc Networks	Skill Development
Internet Technologies	Employable
Data Analytics	Employable
Bigdata Analytics	Employable
Cloud Computing	Skill Development
Research Methodologies & IPR	Employable
Advanced Data Mining	Skill Development
Deep Learning	Skill Development
Internet of Things	Employable
Mobile Computing	Skill Development
Employment Orientation Program	Employable
Inter Disciplinary Project	Employable
Societal Centric / Industry Oriented Project	Skill Development
MOOCs Courses	Skill Development
Intra Disciplinary Project	Employable
Internship/ Project	Employable

Chairman, BOS