


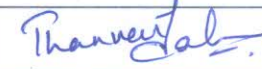

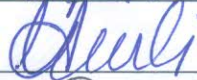

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**VAAGDEVI COLLEGE OF ENGINEERING
(Autonomous)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Data Science)
INTERNAL BOARD OF STUDIES MEETING**

Minutes of meeting of Board of studies in Computer Science and Engineering held on **Sept 8th 2020.**

Members Present:

S.No	Name and Address	Designation	Signature
1	Dr. V. Janaki Professor & Head, CSE,VCE.	Chairman	
2	Dr.Thanveer Jahan Associate Professor, CSE,VCE.	Member	
3	Dr. Ayesha Banu Assistant Professor,CSE, VCE.	Member	
4	Dr.V.Murali Krishna Assistant Professor,CSE, VCE.	Member	
5	Dr.M.Suresh Kumar Assistant Professor,CSE, VCE.	Member	

The following decisions are taken:

1. Designed and proposed the course scheme of B. Tech CSE(Data Science) (R20-Regulations) for I&II Years.
2. Designed and proposed the syllabi of B. Tech CSE(Data Science) (R20-Regulations) for I-Year I and II Semesters.


CHAIRMAN
Board of studies

VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)

COMPUTER SCIENCE & ENGINEERING
(DATA SCIENCE)

COURSE STRUCTURE
(2020 - 2021)
I-SEMESTER

S. No.	Course Code	Title of the Course	Theory	Credits
1		Linear Algebra and Calculus	Theory	4
2		Applied Physics	Theory	3
3		Modern Chemistry	Theory	3
4		Programming for Problem Solving	Theory	4
5		Engineering Drawing with Auto CAD Lab	Lab	2
6		Applied Physics Lab	Lab	1.5
7		Programming for Problem Solving Lab	Lab	1.5
8		Induction Program	-	0
		Total Credits		19

II SEMESTER

S. No	Course Code	Title of the Course	Theory	Credits
1		Differential Equations and Vector Calculus	Theory	4
2		Basic Electrical & Electronics Engineering	Theory	3
3		Data Structures and Algorithms	Theory	4
4		Basic Python Programming	Theory	4
5		Data Structures and Algorithms Lab	Lab	1.5
6		Basic Python Programming Lab	Lab	1.5
7		i-English(Individualized English) Skills Lab	Lab	1.5
8		Engineering & IT Workshop Lab	Lab	1.5
9		Gender Sensitization	Theory	0
		Total Credits		21



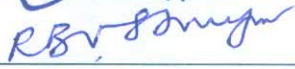

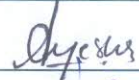
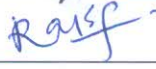
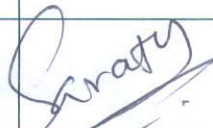
VAAGDEVI COLLEGE OF ENGINEERING
(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Data Science)

BOARD OF STUDIES MEETING

Minutes of meeting of Board of studies in Computer Science and Engineering (Data Science)
held on 19-11-2020 at 10:30am.

Members Present:

S. No	Name and Address	Designation	Signature
1	Dr. V. Janaki Professor & Head, CSE,VCE.	Chairman	
2	Dr.D.Vasumathi Professor, CSE-JNTUH CEH.	Member (Univ. Nominee)	
3	Prof. R.B.V. Subramaanyam Professor, NITW.	Member (Subject Expert)	
4	Dr. M.A.Hameed Assistant Professor, CSE,UCE, Osmania University, Hyderabad.	Member (Subject Expert)	
5	Dr. Ayesha Banu Assistant Professor,CSE, VCE.	Member	
6	Dr. K.Rajesh Khanna Associate Professor,CSE, VCE.	Member	
7	Mr. B. Aravind Software Engineer, IBM.	Member (Alumni Member)	
8	Mr. Sarath. J Director, Innominds India pvt. ltd.	Member (Industry Representative)	

The following decisions are taken:

1. Approved the course structure of B. Tech CSE(Data Science), (R20) Regulations for I Year.
2. Approved the syllabi of B. Tech CSE(Data Science), (R20) Regulations for I-Year I and II Semesters.


CHAIRMAN
Board of studies

**VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
B. Tech COMPUTER SCIENCE AND ENGINEERING
(DATA SCIENCE)
COURSE STRUCTURE
(2020 - 2021)**

I - SEMESTER

S. No.	Course Code	Title of the Course	L	T	P	Credits
1		Linear Algebra and Calculus	3	1	0	4
2		Modern Physics	3	0	0	3
3		Basic Electrical & Electronics Engineering	3	0	0	3
4		Programming for Problem Solving	4	0	0	4
5		Engineering Drawing	0	0	4	2
6		Physics Lab	0	0	3	1.5
7		Programming for Problem Solving Lab	0	0	3	1.5
8		Induction Program	-	-	-	0
Total Credits			13	1	10	19

II - SEMESTER

S. No	Course Code	Title of the Course	L	T	P	Credits
1		Differential Equations and Vector Calculus	3	1	0	4
2		Modern Chemistry	3	0	0	3
3		Data Structures and Algorithms	4	0	0	4
4		Python Programming	4	0	0	4
5		Data Structures and Algorithms Lab	0	0	3	1.5
6		Python Programming Lab	0	0	3	1.5
7		English Language and Interactive Communication Skills Lab	0	0	3	1.5
8		Engineering & IT Workshop Lab	0	0	3	1.5
9		Sports	2	0	0	0
Total Credits			16	1	12	21

1. Dr. V. Janaki



3. Prof. R.B.V. Subramaanyam



5. Dr. Ayesha Banu



7. Mr. B. Aravind

2. Dr. D. Vasumathi



4. Dr. M.A.Hameed



6. Dr. K.Rajesh Khanna



8. Mr. Sarath. J



Department of CSE

III-SEMESTER

S. No	Course Code	Title of the Course	Theory	Credits
1		Database Management Systems	Theory	3
2		OOPs Through Java	Theory	4
3		Computer Organization & Architecture	Theory	3
4		Introduction to Data Science -1	Theory	3
5		Probability and Statistics	Theory	3
6		Database Management Systems Lab	Lab	1.5
7		OOPs Through Java Lab	Lab	1.5
8		English Skills Lab for Digital Natives	Lab	1.5
9		Environmental Science	Theory	0
		Total Credits		20.5

IV-SEMESTER

S. No	Course Code	Title of the Course	Theory	Credits
1		Design and Analysis of Algorithms	Theory	3
2		Operating Systems	Theory	3
3		Mathematical Foundations of Computer Science	Theory	3
4		Data Warehousing and Data Mining	Theory	3
5		Introduction to Data Science - 2	Theory	3
6		Advanced Python Programming Lab	Lab	1.5
7		Data Warehousing and Data Mining Lab	Lab	1.5
8		English Skills Lab for Adeptes	Lab	1.5
9		Project Based Learning(PBL)	-	0
		Total Credits		19.5