VAAGDEVI COLLEGE OF ENGINEERING
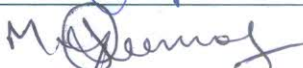## (Autonomous)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
INTERNAL BOARD OF STUDIES MEETING

Minutes of meeting of Board of studies in Computer Science and Engineering held on **Sept 7th 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. B. Krishna Assistant Professor,CSE, VCE.	Member	
4	Dr.M.Suresh Kumar Assistant Professor,CSE, VCE.	Member	
5	Dr.V.Venkateshwarlu Assistant Professor, CSE,VCE.	Member	

The following decisions are taken:

1. Modified the scheme R18 for CSE to R20, I sem and II sem, with the following changes:
   a. English Theory subject has been converted into two labs, retaining credits as it is.
   b. Linear Algebra and Calculus syllabus is revised to suit to the requirements of branch specialization.
   c. Differential Equations and Vector Calculus syllabus is revised to suit to the requirements of branch specialization.
   d. Applied Physics syllabus is revised to suit to the requirements of branch specialization.
   e. Engineering Chemistry title has been changed to Modern Chemistry and the syllabus is revised by adding new topics for computer forensics and cell biology(DNA).
   f. Engineering Graphics syllabus has been revised and the title is changed as "Engineering Drawing using AutoCAD" that will be dealt in lab.
   g. The title "Statistical Methods for Engineers" has been changed to "Probability and Statistics" and added few topics.
   h. A new subject and lab named as Basic Python Programming is introduced in I Year – II Sem, which is a pre-requisite and is an essential programming language as per the current day technical requirements.
   i. Data Structures and Algorithms both theory and lab are introduced into I year II Semester.
2. Proposed the course scheme of B. Tech CSE (R20-Regulations) for II Year.
3. Proposed the syllabi of B. Tech CSE(R20-Regulations) for I-Year I and II Semesters.

CHAIRMAN
Board of studies

VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)

COMPUTER SCIENCE & ENGINEERING

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**

Department of CSE

III-SEMESTER

S.No	Course Code	Title of the Course	Theory	Credits
1		Computer Organization & Architecture	Theory	3
2		Digital Logic Design & Micro Processors	Theory	3
3		Database Management Systems	Theory	3
4		OOPs Through Java	Theory	4
5		Probability and Statistics	Theory	3
6		Digital Logic Design & Micro Processors Lab	Lab	1.5
7		Database Management Systems Lab	Lab	1.5
8		OOPs Through Java Lab	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		Mathematical Foundations of Computer Science	Theory	3
2		Design and Analysis of Algorithms	Theory	3
3		Formal Languages and Automata Theory	Theory	3
4		Operating Systems	Theory	3
5		Managerial Economics & Financial Accountancy	Theory	3
6		Operating Systems Lab	Lab	1.5
7		Web Technologies Lab	Lab	1.5
8		English Skills Lab for Digital Natives	Lab	1.5
9		Project Based Learning(PBL)	Lab	0
		Total Credits		**19.5**
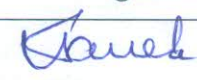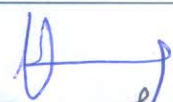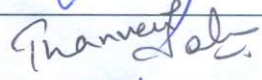
Department of CSE
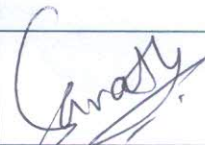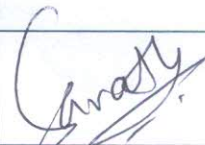
VAAGDEVI COLLEGE OF ENGINEERING
(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
BOARD OF STUDIES MEETING

Minutes of meeting of Board of studies in Computer Science and Engineering 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. V.B.Narsimha Assistant Professor, CSE,UCE, Osmania University, Hyderabad.	Member (Subject Expert)	
5	Dr.Thanveer Jahan Associate Professor, CSE,VCE.	Member	
6	Dr. M.Sukesh Assistant 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)	

1. The course structure of B. Tech (R20) regulations for I year- I and II semesters with the following changes in R18. Proper care is taken to see that AICTE / JNTUH norms / regulations are satisfied.
   a. English Theory subject is converted into two labs, retaining the credits as it is.
   b. Engineering Chemistry title is changed to Modern Chemistry and the syllabus is revised by adding new topics for computer forensics and cell biology (DNA).
   c. Engineering Graphics syllabus is revised and will be practiced in lab using AutoCAD (open Source Software).
   d. Python Programming subject and lab is introduced in I Year – II Sem. This seems to be an essential programming language as per the current day technical requirements.
   e. Data Structures and Algorithms subject and lab are introduced into I year II Semester.

2. Approved the syllabi of B.Tech CSE (R20-Regulations) for I-Year I and II Semesters.

Approved the course structure of B.Tech CSE (R20) - Regulations.

CHAIRMAN
Board of studies

VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
COMPUTER SCIENCE AND ENGINEERING
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**
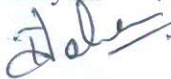
1. Dr. V. Janaki   2. Dr. D. Vasumathi

3. Prof. R.B.V. Subramaanyam   4. Dr. V. B. Narsimha

5. Dr.Thanveer Jahan   6. Dr. M.Sukesh

7. Mr. B. Aravind   8. Mr. Sarath. J

Department of CSE