



# VISHNU INSTITUTE OF TECHNOLOGY:: BHIMAVARAM

(Autonomous)

Approved by AICTE, Accredited by NAAC-A<sup>++</sup>, NBA & Affiliated to JNTUK, Kakinada

## Minutes of the Board of Studies Meeting(Mathematics)

### R-20 Regulations

9<sup>th</sup> December, 2021

Minutes of the meeting (R-20 Regulations) of Board of Studies-Mathematics held on 9<sup>th</sup> December, 2021 through Google meet in Board Room.

#### **Agenda:**

1. To finalize the Syllabus for Mathematics-I (Linear Algebra & Calculus)
2. To finalize the Syllabus for Mathematics-II (Vector Calculus & Transform Calculus)
3. To finalize the Syllabus for Mathematics III (Complex Variables & PDE)
4. Mathematics-IV (Numerical Methods, Probability & Statistics)
5. To finalize the Syllabus for Probability and Statistics
6. To finalize the Syllabus for Discrete Mathematical Structures
7. To finalize the Syllabus for Random Variables & Stochastic Process
8. To finalize the Syllabus for Statistics, Probability and Calculus
9. To finalize the Syllabus for Linear Algebra
10. To finalize the Syllabus for Statistical Methods + Lab
11. To finalize the Syllabus for Operations Research
12. To finalize the Syllabus for Quantitative Aptitude & Logical Reasoning
13. To finalize the Syllabus for Employability Skills for Civil Engineers
14. To discuss the Course Objectives & Course Outcomes of Mathematics courses
15. Any other points with the permission of the Chair.

#### **Points discussed and resolved:**

The Principal & Director addressed the gathering of all members of BOS-Mathematics in Basic Science Department.

After detailed discussions, the following points were approved/ suggested:

1. The Syllabus of Mathematics-I (Linear Algebra & Calculus) offered to all branches of I.B.Tech I Semester has been approved. The approved Syllabus is enclosed
2. The Syllabus of Mathematics-II ((Vector Calculus & Transform Calculus) offered to all branches of I B.Tech. II Semester has been approved. The approved Syllabus is enclosed.
3. The Syllabus of Mathematics III (Complex Variables & PDE) offered to ECE, EEE, CE and ME branches of 3<sup>rd</sup> Semester has been approved. The approved Syllabus is enclosed


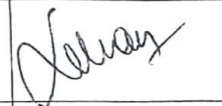



4. The Syllabus of Mathematics-IV (Numerical Methods, Probability & Statistics) offered to CE, ME, EEE branches of 4<sup>th</sup> Semester has been approved. The approved Syllabus is enclosed
5. The Syllabus of Probability and Statistics (Prob & Stat.) offered to AI&DS and AI&ML for 3<sup>rd</sup> sem, and CSE & IT branches for 4<sup>th</sup> Semester has been approved. The approved Syllabus is enclosed
6. The Syllabus of Discrete Mathematical Structures (DMS) offered to AI & DS, AI&ML CSE & IT branches for 3<sup>rd</sup> Semester has been approved. The approved Syllabus is enclosed
7. The Syllabus of Random variables and Stochastic Process (RV & SP) offered to ECE branch for 3<sup>rd</sup> Semester has been approved. The approved Syllabus is enclosed
8. The Syllabus of Statistics, Probability and Calculus offered CS&BS branch for 1<sup>st</sup> Semester has been approved. The approved Syllabus is enclosed
9. The Syllabus of Linear Algebra offered CS&BS branch for 2<sup>nd</sup> Semester has been approved. The approved Syllabus is enclosed
10. The Syllabus of Statistical Methods with Lab offered CS&BS branch for 2<sup>nd</sup> Semester has been approved. The approved Syllabus is enclosed
11. The Syllabus of Operations Research offered CS&BS branch for 2<sup>nd</sup> Year 2<sup>nd</sup> Semester has been approved. The approved Syllabus is enclosed
12. The Syllabus of Operations Research offered CS&BS branch for 2<sup>nd</sup> Year 2<sup>nd</sup> Semester has been approved. The approved Syllabus is enclosed
13. The Syllabus of Quantitative Aptitude & Logical Reasoning offered CSE, IT, AI&DS, AI&ML and CS&BS branches for 3<sup>rd</sup> Year I/II Semesters has been approved. The approved Syllabus is enclosed
14. The Syllabus of Employability Skills for Civil Engineers offered Civil Engineering branch for 3<sup>rd</sup> Year 2<sup>nd</sup> Semester has been approved. The approved Syllabus is enclosed
15. The Course Objectives and Course Outcomes have also been verified and some of these were modified. Modified COs are enclosed.

#### **Courses Offered:**

S.No	Course Title	Branch	Sem/Year	Remarks
1	Mathematics-I (Linear Algebra and Calculus)	Common to all Branches except CS&BS	I B.Tech-I Sem	Syllabus in Appendix-I
2	Mathematics-II (Vector Calculus & Transform Calculus)	Common to all Branches except CS&BS	I B.Tech-II Sem	Syllabus in Appendix-II
3	Mathematics III (Complex Variables & PDE)	Common to ECE, EEE, CE, ME	II B.Tech- I. Sem	Syllabus in Appendix-III
4	Probability and Statistics	Common to AI&DS, AI & ML, CSE and IT	II B.Tech-I/II. Sem	Syllabus in Appendix-IV

5	Mathematics-IV (Numerical Methods, Probability & Statistics)	Common to CE, ME, EEE	II B.Tech - II. Sem	Syllabus in Appendix-V
6	Discrete Mathematical Structures	Common to CSE, IT, AI&DS and AI & ML	II B.Tech-I Sem	Syllabus in Appendix-VI
7	Random Variables & Stochastic Process	ECE	II B.Tech- I Sem	Syllabus in Appendix-VII
8	Statistics, Probability and Calculus	CS&BS	I B. Tech-I Sem	Syllabus in Appendix-VIII
9	Linear Algebra	CS&BS	I B.Tech-II Sem	Syllabus in Appendix-IX
10	Statistical Methods + Lab	CS&BS	I B.Tech-II Sem	Syllabus in Appendix-X
11	Operations Research	CS&BS	II B. Tech-II Sem	Syllabus in Appendix-XI
12	Quantitative Aptitude & Logical Reasoning	CSE,IT, AI&DS, AI&ML and CS&BS	III B.Tech-I sem	Syllabus in Appendix-XII
13	Employability Skills for Civil Engineers	Civil	III B.Tech-II sem	Syllabus in Appendix-XIII

**Members of BOS for Mathematics Present:**

Sl.No	Name of the member	Designation	Description	Signature
1	Dr. V. Rama Devi	Prof. & Head, Dept. of Basic Science, Vishnu Institute of Technology, Bhimavaram	Chairperson	
2	Dr. K. Sobhan Babu	Professor, University College of Engineering, Narasaraopeta, JNTUK,	University Nominee	
3	Dr. P. Vasudeva Reddy	Professor, Dept. of Engineering Mathematics, College of Engineering, Andhra University, Visakhapatnam	Subject Expert	
4	Dr. P V. Sundaranand	Professor, Dept. of Mathematics, Rayalaseema University, Karnool	Subject Expert	
5	Dr. R. Suryanarayana	Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	
7	Dr. M.S.R. Murthy	Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	



8	Dr. R L N. Pradeep Kumar	Associate Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	RLNP
9	Mr. K. VenuGopal	Associate Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	UUG
10	Dr. K. PushpaLatha	Associate Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	P.L.
11	Ms. KGR Deepthi	Assistant Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	K. Deepthi
12	Ms. Ch. Sridevi	Assistant Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	Ch. Sridevi
13	Mr. R.S.DurgaRao	Assistant Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	RS DLR
14	Mrs.K.S. Supriya	Assistant Professor, Dept. of Mathematics, Vishnu Institute of Technology, Bhimavaram	Member	Supriya

  
Chairman-BOS

Dept. of Basic Science



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**Minutes of the Board of Studies Meeting (English)**

06 December 2021

Minutes of the meeting (R 20 Regulation) of the Board of Studies of English held online through Google meet on 06 December 2021.

**Agenda:**

1. Approval to finalize the syllabus for AIML I B. Tech I Semester- Communicative English ( Theory) and English Communication Skills Lab
2. To finalize the Syllabus for Critical Reading and Creative Writing for all Branches except CS & BS in II B. TECH SEM-II
3. To finalize the Syllabus Advanced Communication Skills Lab for all Branches except CS & BS in III B. TECH SEM-I/II
4. To discuss the Course Objectives & Course Outcomes of the above courses
5. Any other points with the permission of the Chair.

**Points discussed and resolved:**

Principal and Director addressed the members of English of Basic Science Department in forming the Course Structure and syllabus of UG Courses.

The following points were discussed and finalized

1. The syllabi for common to all branches of I B. Tech Sem-I except CS&BS-Communicative English and English Communication Skills Lab were discussed and finalized.
2. The syllabus for common to all branches of II B. TECH SEM-II except CS&BS –Critical Reading and Creative Writing was discussed and finalized.
3. The syllabus for common to all branches of III B. TECH SEM-I/II except CS&BS –Advanced Communication Skills was discussed and finalized.

**Members of BOS for English:**

Sl.No	Name of the member	Designation	Category	Signature
1	Dr.V.Rama Devi	Prof. & Head of BS, VIT	Chairperson	
2	Prof. K. Sree Ramesh	Prof, Dept. of English, AKNU, Rajahmundry	University Nominee	
3	Dr. G Suvarna Lakshmi	Prof, EFLU, Hyderabad	Subject Expert	
4	Dr.M.V.Raghu Ram	Professor Department of English VVIT, Nambur Guntur, Andhra Pradesh	Subject Expert	

5	Mr. Venkat Bodapti	HR Manager NetEnrich, Bhimavaram	Industry Representative	
6	Mrs. T. Sunanda	Software Engineer, TCS	Member, Alumni	P. Sunanda
7	Dr. D. Vijaya Lakshmi	Associate Professor	Member	<del>Sul</del>
8	Mr. Ch. Maheswara Rao	Associate Professor	Member	Ch
9	Mr. P. Sekhar	Assistant Professor	Member	Sekhar
10	Ms. B. Sita Kalyani	Assistant Professor	Member	B. Sita Kalyani
11	Ms. P. Sushma	Assistant Professor	Member	Sul
12	Mr. Jatin Singh Sikle	Assistant Professor	Member	S. Jatin Singh