SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, ISO 9001:2000 Certified Institution &
Accredited by NAAC with "A" Grade)

Madagadipet, Puducherry - 605 107

Department of Information Technology

BOS Meeting-II

(B.Tech, M.Tech & Ph.D)

(8.4.21)

Minutes

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Department of Information Technology

Minutes of Board of Studies

The Second Board of Studies meeting of Department of Information Technology was held on 8th April 2021 from 10:45 A.M to 2:00 P.M in the Seminar Hall, Department of IT with the Head of the Department as the Chair.

The following members were present for the BoS meeting.

SI.No	Name of the Member with Designation and official Address	Members as Per University norms
1	**Dr. R. Raju, M.Tech, Ph.D** Professor & Head Department of IT, SMVEC	Chairman
2	**Dr. R. Geetha Ramani, M.Tech, Ph.D** Professor, Department of Information Science and Technology, College of Engineering Guindy, Anna University, Chennai	Subject Expert (University Nominee)
3	**Dr. A.S. Anakath, M.E, Ph.D** Professor, Department of IT, E.G.S. Pillay Engineering College, Nagapattinam	Subject Expert (Academic Council Nominee)
4	**Dr. S. Padmavathi, M.E, Ph.D** Professor, Department of IT, Thiagarajar College of Engg., Madurai	Subject Expert (Academic Council Nominee)
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Representative from Industry
6	**Dr. G. Arun Kumar** Associate Professor, Department of CSE, Mandanapalli Institute of Technology and Science, Andhara Pradesh	Post Graduate Alumnus (nominated by Principal)
7	**Dr. T. Vigneswari, ME, Ph.D** Professor Department of IT, SMVEC	Internal Member
8	**Dr. C. Punitha Devi, M.Tech, Ph.D** Professor Department of IT, SMVEC.	Internal Member
9	**Dr. S. Geetha, M.Tech, Ph.D** Associate Professor Department of IT, SMVEC	Internal Member
10	**Dr.N.S.N. Cailassame** Professor& Head,	Internal Member

	Department of Management Studies, SMVEC	
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Internal Member
12	**Prof. M. Devanathan** Assistant Professor, Department of Mathematics, SMVEC	Internal Member
13	**Prof. G. Namitha** Assistant Professor, Department of English, SMVEC	Internal Member
14	**Prof. C. Bhavani** Assistant Professor , Department. of Physics, SMVEC	Internal Member

Agenda of the Meeting

1) Welcome Address, Introduction about the Institution, Department and BoS Members, Academic Year 2021- Achievements.
2) Review of Minutes of BoS – I.
3) To appraise and approve the revised Department Vision and Mission.
4) Curriculum Structure of B.Tech – Information Technology.
5) To discuss and approve the B.Tech. Information Technology Syllabi from V to VIII semesters for the students admitted in the Academic Year 2019-20 (Second Year).
6) To discuss and approve the B.Tech Information Technology Syllabi from V to VIII semesters for the students admitted in the Academic Year 20-21 (First Year).
7) Review of Evaluation Systems and suggestions.
8) Brief Analysis about the End semester results published for III, V and VII semesters.
9) To discuss about the Innovative Teaching practices and its implications.
10) To discuss and approve the panel of examiners.
11) Any other item with the permission of chair.

Minutes of the Meeting

Dr. R. Raju, Chairman, BoS /B.Tech Information Technology officially announced the opening of the meeting and introduced the external, internal and co-opted members. He also thanked them for accepting the invitation for being the member of the Board of Studies and the meeting thereafter deliberated on agenda items that had been approved by the Chairman.
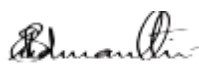
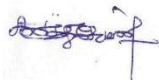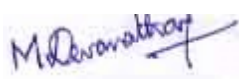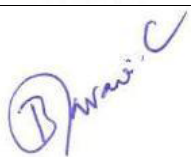|	
Item:1	**About the Institution and Department.**
	• The Board of Studies Chairman highlighted the unique features of our Institution, Department and also briefed the achievements of the Department.
Item:2	**Review of Minutes of BoS – I**
	• The First BoS was held on 20.7.20 and the points discussed were reviewed by the members. The following variations are incorporated in the curriculum as per the members suggestion and approved by BoS members - The courses Genetic engineering, Fundamentals of Virtualization and Advanced Database may be excluded. - A course on Knowledge engineering / course related to biomedical Engineering /Deep learning may be included. - The course Distributed system may be restructured as Parallel and Distributed systems. - Streaming Analytics may be nomenclature as Multimedia streaming. The general suggestions offered are - The total number of credits may further be reduced and can be gradually Increased in succeeding regulations. - The relevant Mandatory/ Audit courses recommended by AICTE should be considered in the curriculum. - NSS should not come under mandatory course. - Skill development courses should be specified in the regulation. - The proposition of BS, HS, ES, PC, PE and OE should be as per recommendation of AICTE. The Curriculum of Regulation 2019 and Regulation 2020 are revised as per members' suggestion and the same was presented before the BoS members and it was approved. **(Annexure I)**
Item:3	**To appraise and approve revised Department Vision and Mission**
	The revised Vision and Mission was presented to the members. The members offered suggestion in M4 of the department mission. **M4: Exemplar:** To instil **moral values**, ethical responsibilities and empowering graduates to be socially responsible and technically competent. • Members suggested to change the word **"Moral values**" as "**Human values**" in Mission M4 of the Department. **(Annexure 2)**
Item:4	**Curriculum Structure of B.Tech – Information Technology**
	The following suggestions are recommended by the BoS members to the Academic council regarding the curriculum structure • The experts recommended to increase the credits for lab courses as two or to integrate them with the corresponding theory courses. • Mandatory courses may have at least four choices so that students may opt a course of their own interest. • BoS chairman represented that the curriculum structure was common as recommended by the curriculum and syllabus framing committee of the institution and hence it will be discussed and proper action would be taken.
Item:5	**B.Tech. Degree Syllabi for V to VIII semesters under Autonomous Regulations 2020 for the students admitted in the Academic Year 2020-**

	2021 (First Year)	
	Course Code/Course Name	Suggestions
	U20ITT510/Mobile Application Development	• Wireless application protocols may be added in unit-II • The topic Essential of Traditional Routing Protocols is yet to be removed from Unit II
	U20ITT511/ Data Warehousing and Data mining	• The topic Mapping the Data warehouse to a multiprocessor Architecture from Unit-I is yet to be removed. • Pattern mining may be excluded in unit-III • Lazy Learners and Bayesian belief Classification is yet to be removed from Unit-IV.
	U20ITT512/Network Security	• Number Theory is moved to Unit-II from Unit I • Key Range and key size topic is yet to be added in Unit-II • Key Management and MD5 message digest is yet to be removed from Unit-III. • Schnorr Digital Signature Scheme from Unit V is yet to be removed.
	U20ITT614/IoT and Edge Computing	• Include Phased Application of Security in an operational Environment in Unit - IV. • NETCONF-YANG and IoT Code Generator is yet to be excluded from Unit-V
	U20ITE612/E-Commerce	• The topic Firewall Protection may be included in Unit-IV • The topic Inter-organizational Electronic Commerce- Software Agents is yet to be included in Unit-V
	U20ITE613/Parallel and Distributed Systems	• The topic Trends in Distributed Systems and case study in WWW is yet to be included in Unit-IV • The topics Network virtualization: Overlay networks is yet to be included in Unit-V
	U20ITE615/Bio-Inspired Computing	• Suggested to reduce the content in Unit-V

    (Annexure 3)

• CO-PO- PSO mapping maybe revisited by forming a committee.
(Annexure 4)

Item:6	**B.Tech. Degree Syllabi for V to VIII semesters under Autonomous Regulations 2019 for the students admitted in the Academic Year 2019-2020 (Second Year)** • The BoS members recommended to follow the same suggestions provided for semesters V to VIII of Regulation 2020 in Regulation 2019 also.

Item:7	**Review of the Evaluation Systems**
	• The mark distribution for project phase II may be revised as 50 marks for internal and 50 marks for external instead of 40 for internal and 60 for external.
Item:8	**Brief Analysis about the End semester results published for III, V and VII semesters.**
	• The BoS members appreciated the Department for their efforts in providing better results.
Item:9	**Discussion about the Innovative Teaching / Practices Methodology**
	• ICT tools and teaching Pedagogy were discussed and members appreciated the blended teaching learning method adopted during the pandemic situation.
Item:10	**Approval for the panel of examiners**
	• The list of question paper setters and Evaluators for End semester Examination was presented and recommended by BoS Members to academic council.**(Annexure 5)**

The meeting for the above Agenda regarding B.Tech – Information Technology was concluded by 2:00 pm with by **Dr. R.Raju**, Chairman-BOS and Head of Department, Department of Information Technology, Sri Manakula Vinayagar Engineering College.

Members Present:

SI.No	Name of the Member with Designation and official Address	Responsibility in the BoS	Signature
1	**Dr. R. Raju, M.Tech, Ph.D** Professor & Head Department of IT, SMVEC	Chairman	
External Members			
2	**Dr. R. Geetha Ramani, M.Tech, Ph.D** Professor, Department of Information Science and Technology, College of Engineering Guindy, Anna University, Chennai	Subject Expert	
3	**Dr. A.S. Anakath, M.E, Ph.D** Professor, Department of IT, E.G.S. Pillay Engineering College, Nagapattinam	Subject Expert	
4	**Dr. S. Padmavathi, M.E, Ph.D** Professor, Department of IT, Thiagarajar College of Engg., Madurai	Subject Expert	
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Member from Industry	
6	**Dr. G. Arun Kumar** Associate Professor, Department of CSE, Mandanapalli Institute of Technology and Science, Andhara Pradesh	Member from Meritorious Alumni	
Internal Members			
7	**Dr. T. Vigneswari, ME, Ph.D** Professor Department of IT, SMVEC	Member	
8	**Dr. C. Punitha Devi, M.Tech, Ph.D** Professor Department of IT, SMVEC.	Member	
9	**Dr. S. Geetha, M.Tech, Ph.D** Associate Professor Department of IT, SMVEC	Member	
Co-opted Members			
10	**Dr.N.S.N. Cailassame** Professor& Head, Department of Management Studies, SMVEC	Member	
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Member	
12	**Prof. M. Devanathan** Assistant Professor, Department of Mathematics, SMVEC	Member	

13	**Prof. G. Namitha** Assistant Professor, Department of English, SMVEC	Member	
14	**Prof. C. Bhavani** Assistant Professor , Department. of Physics, SMVEC	Member	

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Department of Information Technology

Minutes of Board of Studies

The Second Board of Studies meeting for M.Tech and Ph.D Programmes of Department of Information Technology was held on 8th April 2021 from 2:30 P.M to 3:30 P.M in the Seminar Hall, Department of Information Technology, Sri Manakula Vinayagar Engineering College with Head of the Department as BoS Chairman.

Sl.No	Name of the Member with Designation and official Address	Members as Per University norms
1	**Dr. R. Raju, M.Tech, Ph.D** Professor & Head Department of IT, SMVEC	Chairman
2	**Dr. R. Geetha Ramani, M.Tech, Ph.D** Professor, Department of Information Science and Technology, College of Engineering Guindy, Anna University, Chennai	Subject Expert (University Nominee)
3	**Dr. A.S. Anakath, M.E, Ph.D** Professor, Department of IT, E.G.S. Pillay Engineering College, Nagapattinam	Subject Expert (Academic Council Nominee)
4	**Dr. S. Padmavathi, M.E, Ph.D** Professor, Department of IT, Thiagarajar College of Engg., Madurai	Subject Expert (Academic Council Nominee)
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Representative from Industry
6	**Dr. G. Arun Kumar** Associate Professor, Department of CSE, Mandanapalli Institute of Technology and Science, Andhara Pradesh	Post Graduate Alumnus (nominated by Principal)
7	**Dr. T. Vigneswari, ME, Ph.D** Professor Department of IT, SMVEC	Internal Member
8	**Dr. C. Punitha Devi, M.Tech, Ph.D** Professor Department of IT, SMVEC.	Internal Member
9	**Dr. S. Geetha, M.Tech, Ph.D** Associate Professor	Internal Member

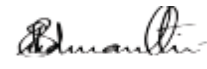|	Department of IT, SMVEC	
10	**Dr.N.S.N. Cailassame** Professor& Head, Department of Management Studies, SMVEC	Internal Member
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Internal Member
12	**Prof. M. Devanathan** Assistant Professor, Department of Mathematics, SMVEC	Internal Member
13	**Prof. G. Namitha** Assistant Professor, Department of English, SMVEC	Internal Member
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Agenda of the Meeting
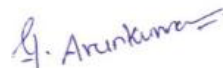
1) Review of Minutes of BoS – I
2) To discuss and recommend the syllabi for III and IV Semesters under R-2020 Regulations for PG Programme: M.Tech. Networking for the students admitted in the year 2020-21
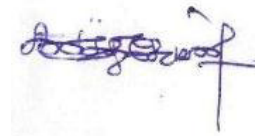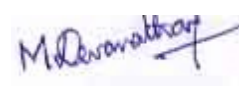3) Review of Evaluation Systems and suggestions any based on last ESE.
4) Brief Analysis about the End semester results published for III semester.
5) Innovative Teaching Methodology practiced and it's Implication.
6) To discuss and approve the panel of examiners.
7) To discuss and approve the change in name of the existing PG program M.Tech – Networking into M.Tech Data Science.
8) To discuss about the approval of course work for Ph.D programme.
9) Any other item with the permission of chair.

Item:1	**Review of Minutes of BoS – I**
	• The First BoS was held on 20.7.20 and the points discussed were reviewed by the members. **Annexure 6**
Item:2	**Discussed Syllabi for III and IV semesters of M.Tech - Networking for the students admitted in the Academic Year 2020-21**
	• The BoS members approved the Syllabi for III and IV semester for the course M.Tech Networking.
Item:3	**Review of Evaluation Systems and suggestions any based on last ESE**

	• The evaluation system as per PG regulation 2020 was reviewed and approved.
Item:4	**Brief Analysis about the End semester results published for III semester**
	• The BoS Members appreciated the III semester results of M.Tech Networking.
Item:6	**Approval for the panel of examiners**
	The list of question paper setters and Evaluators for End semester Examination was presented and recommended by BoS Members to academic council.**(Annexure 5)**
Item: 7	**Discussion and approval of the change in name of the existing PG program M.Tech – Networking into M.Tech Data Science.**
	• The BoS members approved the change in name of the existing PG program M.Tech – Networking into M.Tech Data Science to provide diversified knowledge in the emerging field of technology and to improve the admission in PG Programs. • The Curriculum and Syllabi will be discussed in a special BoS to be conducted in the month of July 2021 after getting the approval from the Statutory body.
Item: 8	**Discuss about the approval of course work for Ph.D programme.**
	The members reviewed the Ph.D regulation and suggested to include the course work for Ph.D as per UGC guidelines. • "Two theory subjects in the research area (course work), each 4 credits, to be prescribed by the Doctoral Committee to the scholar as part of the research programme. • "Research Methodology" and "Research Publication Ethics" are the other course works of two credits each for the scholar to complete as part of the research programme. • Three publications, two in the SCI indexed journals and one in an International Conference, are essential for the submission of synopsis"

The meeting was concluded by 3:30 pm with vote of thanks by **Dr. R.Raju**, Chairman-BOS and Head of Department, Department of Information Technology, Sri Manakula Vinayagar Engineering College.

Members Present:

Sl.No	Name of the Member with Designation and official Address	Responsibility in the BoS	Signature
1	**Dr. R. Raju, M.Tech, Ph.D** Professor & Head Department of IT, SMVEC	Chairman	
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4	**Dr. S. Padmavathi, M.E, Ph.D** Professor, Department of IT, Thiagarajar College of Engg., Madurai	Subject Expert	
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Member from Industry	
6	**Dr. G. Arun Kumar** Associate Professor, Department of CSE, Mandanapalli Institute of Technology and Science, Andhara Pradesh	Member from Meritorious Alumni	
Internal Members			
7	**Dr. T. Vigneswari, ME, Ph.D** Professor Department of IT, SMVEC	Member	
8	**Dr. C. Punitha Devi, M.Tech, Ph.D** Professor Department of IT, SMVEC.	Member	
9	**Dr. S. Geetha, M.Tech, Ph.D** Associate Professor Department of IT, SMVEC	Member	
Co-opted Members			
10	**Dr.N.S.N. Cailassame** Professor& Head, Department of Management Studies, SMVEC	Member	
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Member	
12	**Prof. M. Devanathan** Assistant Professor, Department of Mathematics, SMVEC	Member	

13	**Prof. G. Namitha** Assistant Professor, Department of English, SMVEC	Member	
14	**Prof. C. Bhavani** Assistant Professor , Department. of Physics, SMVEC	Member	