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 &
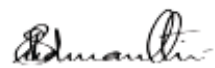Accredited by NAAC with "A" Grade)
Madagadipet, Puducherry – 605 107
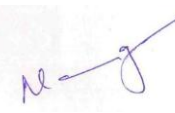
Department of Information Technology

Minutes of Board of Studies

The first Board of Studies meeting of Department of Information Technology was held on 20th July 2020 from 11:00 A.M to 5:00 P.M in the Seminar Hall, with the Head of the Department as the Chair. The following members were present for the BoS meeting.

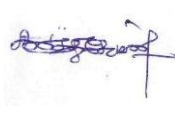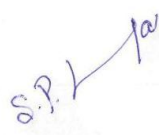| SI.No	Name of the Member with Designation and official Address	Responsibility in the BoS	Signature
1	**Dr. R. Raju, M.Tech, Ph.D** Professor & Head Department of IT, SMVEC	Chairman	
University Nominee -Subject Expert			
2	**Dr. R. Geetha Ramani, M.Tech, Ph.D** Professor, Department of Information Science and Technology, Anna University, Chennai	Subject Expert	20/7/2020
Academic Council Nominee -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	
Industrial Expert			
5	**Mr. L. Ashok** CEO - Futurenet Technologies (India) Private Limited, Chennai.	Member from Industry	
Meritorious Alumni			
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. A. S. Kannan,** Professor, Department of Management Studies, SMVEC	Member	
11	**Dr. K. Karthikeyan** Associate Professor , Department. of Chemistry, SMVEC	Member	
12	**Prof. S. P. Lavanaya** 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	

Session : FN- 11.00 am

Agenda of the Meeting

1) Introduction about the Institution and Department.

2) To discuss the curriculum structure of R2020, R2019 and R2013.

3) To discuss B.Tech Degree Curriculum and Syllabi for I to VIII semesters under Autonomous Regulations 2020 for the students admitted in the Academic Year 2020-2021 (First Year).

4) To discuss B.Tech Degree Curriculum and Syllabi for I to VIII semesters under Autonomous Regulations 2019 for the students admitted in the Academic Year 2019-2020 (Second Year).

5) To discuss Curriculum and Syllabi from (I to VIII) semesters under Pondicherry University Regulations 2013 for the B.Tech – Information Technology and the students admitted in the Academic Year 2017-2018 (Final Year) and 2018-2019 (Third Year).

6) To discuss the uniqueness of the curriculum.

7) To discuss and approve the Evaluation Systems.

8) To discuss about the Innovative Teaching / Practices Methodology adopted to handle the emerging / Advanced Technological concept courses.

9) To discuss and approve the panel of examiners list.

10) 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 our Director cum Principal welcomed and introduced the external, internal and co-opted members and 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 and Department.

Item:2

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 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.

Item:3

B.Tech. Degree Curriculum and Syllabi for I to VIII semesters under Autonomous Regulations 2020 for the students admitted in the Academic Year 2020-2021 (First Year)

The following suggestions are recommended by the BoS members to the Academic council pertaining to the curriculum and syllabi

The Subject Experts, having carefully considered the content of the syllabi, suggested some changes in the nomenclature of those courses. The chairman agreed to their suggestions.

Electives

- Reconsider the need for the course Fundamentals of Virtualization in elective stream III as they are having Cloud computing course in Professional core.
- The courses Genetic engineering and Advanced Database may be excluded.
- A course on Knowledge engineering or a course related to biomedical engineering may be included.
- The course Distributed system may be restructured as Parallel and Distributed systems.

	• Verify the need for the course Streaming Analytics or it may be nomenclature as Multimedia streaming.
	• The course Augmented and Virtual Reality may be renamed as mixed reality.
	• A course on Deep learning may be included in Professional Elective/Core.
	Open Electives
	• The courses offered in the corresponding semester should be offered as open elective to other department students with the same course code and name.
	• The course R programming can be renamed as Data Mining using R.
Item:4	**B.Tech. Degree Curriculum (I to VIII)and Syllabi for I to VIII semesters under Autonomous Regulations 2019 for the students admitted in the Academic Year 2019-2020 (Second Year)**
	• The BoS members recommended following the suggestions provided for semesters IV to VIII of Regulation 2020 in Regulation 2019 also.
Item:5	**Curriculum and Syllabi from (I to VIII) semesters under Pondicherry University Regulations 2013 for the B.Tech – Information Technology and the students admitted in the Academic Year 2017-2018 (Final Year) and 2018-2019 (Third Year)**
	• The Curriculum and syllabi of 2013 regulation was discussed with the BoS Members. The R2013 offered by Pondicherry University is followed for the students admitted in the Academic Year 2017-2018 (Final Year) and 2018-2019 (Third Year).
Item:6	**Uniqueness of the curriculum**
	• The uniqueness of the curriculum was discussed with the Expert members and they have appreciated.
Item:7	**Discussion about the Evaluation Systems**
	• Several combination of weightage for internal and external marks was discussed and finally decided to follow the assessment pattern mentioned in regulation 2020.
Item:8	**Discussion about the Innovative Teaching / Practices Methodology**
	• ICT tools and teaching Pedagogy were discussed and informed that blended Teaching and learning would be adopted.
Item:9	**Discussed and Recommended the panel of examiners list.**
	• The BoS Members approved the panel of examiners list

	Session: 2.00 PM

Agenda of the Meeting

1) Curriculum Structure of M.Tech – Networking.

2) Regulation, Curriculum and Syllabi for M.Tech – Networking for the students admitted in the Academic Year 2020-2021.

3) Uniqueness of the Curriculum.

4) Syllabi for I to IV Semesters under R-2020 Regulations for PG Programming: M.Tech – Networking for the students admitted in the year 2020-2021.

5) To discuss and approve the evaluation Systems.

6) To discuss and approve the panel of examiners list.

7) Any other item with the permission of chair.

	Curriculum Structure of M.Tech - Networking
Item:1	The following suggestions are recommended by the BoS members to the Academic council pertaining to the curriculum and syllabi • The curriculum structure recommended by AICTE should be followed. • The BoS members suggested increasing the number of Professional Electives.
	Regulation and Curriculum for M.Tech - Networking for the students admitted in the Academic Year 2020-21
Item:2	• Network Components and Design course may be restructured as Network components. • Research Methodology & IPR may be included as Audit course. • Information coding techniques course may also be added. • The course name Technical Writing & Seminar may be nomenclature as Technical Seminar & Writing. • The Course network security may be restructured as cyber security. • The name of the course network performance analysis may be changed as network performance tuning. • Workshop on teaching learning, Article publication in Conference and two NPTEL courses are recommended to be mentioned in regulation. Conference publication may be made mandate in IV semester. • The members suggested not to make paper publication as mandatory, since making the publication as mandatory may lead to less quality research papers. However, students can be encouraged to publish in reputed journals. • The course Software Defined Networks and Network Function Virtualization may be renamed as Software Defined Networks.

	- The course Principles of Security in Cloud Computing may be renamed as Cloud security. - The course Intrusion Detection Systems and Firewall may be renamed as Intrusion Detection and prevention. - The following courses maybe made as professional core courses - Ethical Hacking/Block Chain Technology - The following electives should be included - Graph Theory - Autonomous Vehicles and UAV - Software Design Principles - Human Computer Interaction - Multicore Architecture - Cyber Physical Systems - Software Coding - Software Architecture and Design - Internet of Things and Smart Sensors The following courses should be excluded: - Agent Based Intelligent System - Information Security and Risk Management
	Uniqueness of the Curriculum
Item:3	The salient features of the curriculum were highlighted to the BoS members, and they appreciated them.
	Syllabi for I to IV Semesters under R-2020 Regulations for PG Programme: M.Tech. Networking for the students admitted in the year 2020-2021
Item:4	- The syllabus for IoT and Edge computing may be reframed. - The course Distributed Computing may be restructured as Distributed and Cloud Computing. - The course Multimedia Security & Forensics deals only with Digital watermarking some more features may be added. - The last unit in all the courses is mentioned as INSTRUCTIONAL ACTIVITY. These need not be mentioned in syllabus and details can be added in the regulation. - Need not mention Textbooks in the syllabus. All the books can be mentioned as reference books. Standard articles from reputed journals may also be included here.
Item:5	**To discuss and approve the Evaluation Systems**
	The BoS Members approved the evaluation system
Item:6	**To discuss and approve the panel of examiners list**
	The BoS Members approved the panel of examiners list
Item: 7	**Any other item with the permission of chair**

	The BoS members suggested to get the approval from Pondicherry university for commencing Research Program

The meeting was concluded at 5:00 pm with vote of thanks by **Dr. R.Raju**, Chairman-BOS and Head of Department, Department of Information Technology.

Dr. R. Raju
Chairman- BoS(IT)

Dr.V.S.K. Venkatachalapathy
Director cum Principal
Chairman-Academic Council