

SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE & Affiliated to Anna University, Chennai.

'A' Grade Accreditation by NAAC, NBA Accredited, ISO 9001:2015 Certified

FACULTY OF COMPUTER SCIENCE AND ENGINEERING AND INFORMATION TECHNOLOGY

(Department of Computer Science and Engineering,
Department of Information Technology,
Department of Cyber Security and
Department of Artificial Intelligence and Data Science)

18-04-2023

MINUTES of BOS MEETING

The Faculty of Computer Science and Engineering and Information Technology (Department of Computer Science and Engineering, Department of Information Technology, Department of Cyber Security and Department of Artificial Intelligence and Data Science) conducted Fourth Board of Studies meeting on 06.04.2023 at 11.00 a.m. in the CSE Conference hall, CSE department to structure the U.G. and P.G. Program Curriculum and Syllabus for Regulation 2023 (III and IV Semester).

The committee members present for the Fourth BOS Meeting held on 06.04.2023 at 11.00 a.m. in the CSE Conference hall, CSE department are as follows

SNo	Name	Designation	Designation in BoS
1	Dr. B. Vanathi	Professor & Head	Chairman
2	Dr.M.Sugumaran	Professor Department of Computer Science and Engineering, Puducherry Technological University, Pillaichavady, Puducherry 605014	University Nominee
3	Dr. S. Bose	Professor Department of Computer Science and Engineering, Anna University, Chennai.	Member (Subject Expert)
4	Dr. S. Lakshmana Pandian	Associate Professor Pondicherry Engineering College	Member (Subject Expert)
5	Mr. Jerome Melkisdak	Founder, CEO Operation & Business Development Stigmata Techno Solutions LLP, Chennai	Member (Industry Expert)

SNo	Name	Designation	Designation in BoS
6	Mr.P.MuthuGanapathy Nathan	Member Technical Staff Zoho Corporation Estancia IT Park Vallencheri GST Road Guduvanchery 603202	Member (Alumnus)
7	Mr.Anirudha Selvarjan	Senior Data Scientist Tiger Analytics Kandanchavadi,MGR Road Perungudi Chennai 600096	Member (Alumnus)
8	Dr.M.Senthilkumar	Professor & Head Department of Cyber Security	Member
9	Dr.S.Narayanan	Associate Professor & Head Department of Information Technology	Member
10	Dr.S.Ravikumar	Associate Professor & Head Department of Artificial Intelligence and DataScience	Member
11	Dr. A. Samyurai	Professor Department of CSE	Member
12.	Dr. B. Muthu Senthil	Professor Department of CSE	Member

Department of Computer Science and Engineering:-

The following points were discussed in the meeting for B.E Computer Science and Engineering and M.E Computer Science and Engineering.

Third Semester B.E – CSE

- 1. Object Oriented Programming :-** Java Swing can be added in Fifth Unit to give more importance.
- 2. Foundation of Data Science:-** More references to be added in the subject.
- 3. C Programming And Data Structures Laboratory:-** Programs related to Graphs need to be added in the lab exercises.
- Subject and Industry Expert suggested in general to give more practical questions from Interview and real world perspective to make students have high level thinking and understanding.

Fourth Semester B.E – CSE

- 1. Design and Analysis of Algorithm:-** The BOS Members suggested to add the concepts of Greedy Techniques first and then Dynamic Programming. And they also suggested to change the title of Unit V to **“Backtracking and Knapsack Problem”**.

2. In general the BOS members suggested to incorporate new set of programs, domains and case studies for laboratories like Database Management Systems Laboratory, Object Oriented Analysis Design Laboratory and Operating Systems Laboratory.

M.E – Computer Science and Engineering

1. The BOS members suggested that the portions are very vast and suggested to look into Syllabus of University Department of Anna University and can be integrated with latest trends.
2. The committee also suggested to update the Text Book versions to latest version and latest year of publication.
3. **Networking Technologies:-** Need changes in I Unit as they are basic concepts and would have been already studied in Undergraduate Programmes.
4. **Principles of Programming Language , Multicore Architecture** subjects can be studied as Elective subject , The committee suggested to keep **Agile Methodologies** and **Cloud Technologies** as Core paper.
5. **Internet of Things:** The committee suggested to change Unit III title to “IOT Communication protocol” and Unit V title to “Industrial Application”.
6. BOS Members suggested to keep Web Technology/ Web Development related subject instead of Wireless Communication
7. The committee suggested to keep “**Software Reliability and Quality**” instead of “**Software Quality Assurance**”.
8. Committee also suggested to include security related papers instead of Mobile and Pervasive Computing.
9. The committee suggested to remove “**Digital Image Processing**” and add “**XML and Web Services**” instead of “Web Services and API Design”.
10. In general the committee suggested to add Unit coverage in Text book and References.

Department of Cyber Security :-

The following Suggestions were given by BOS members and the same are incorporated with respect to curriculum and syllabus.

S.No	Semester	Suggested Changes
1.	III	Include very basic concepts about Cyber Security in a subject. So Included the subject Introduction to Cyber Security instead of Cyber Threats.
2.	III	Subject change from Digital Fundamentals and Communication to Digital Principles and Computer Organization.

3.	IV	Keep the fundamental subject Database Management System, Operating System Concepts in Fourth Semester.
4.	IV	Subject change from Computer Organization and Architecture to Basics of Cyber Forensics.
5.	IV	Subject change from Data Warehousing to Cyber Laws and Ethics.

B.Tech - Information Technology :-

The following Suggestions were given by BOS members and the same are incorporated with respect to curriculum and syllabus

S.No	Semester	Suggested Changes
1.	III	Subject change from Digital Principles and System Design to Digital Principles and Computer Organization.
2.	III	Subject Content in the Data Structures and Algorithms include C programming basics or implement in python programming.
3.	IV	Subject Name change from Operating System Concepts to Operating System.
4	V	Subject Name Artificial Intelligence and Machine Learning is divided into Two Separate subjects 1. Artificial Intelligence 2. Machine Learning
5	V	Subject Name Embedded Systems and IoT is divided into Two Separate subjects 1.Embedded Systems 2. Internet of Things

PG- M.Tech-Data Science:

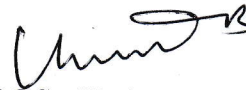
S.No	Semester	Suggested Changes
1.	I	Subject Machine Learning Techniques title needs to be changed as Machine Learning Algorithms.
2.	I	The Data Mining Techniques subject title also needs to be changed as Data Mining.
3.	II	The Advanced Data Visualization Techniques title must be modified as Data Visualization Techniques

4	II	The Mini project title modified as Mini project with Research paper Writing.
5	Verticals	The Network security and services is to be changed with some other subjects.
6		In Cloud Technologies subject Fog and Edge concepts must be included
7		IoT Technologies can be modified as Internet of Things alone.

B.Tech – Artificial Intelligence and Data Science :-

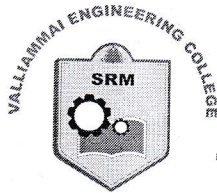
The BOS members suggested to change the order of the subjects listed from semester III to VIII for B. Tech Artificial Intelligence and Data Science as follows.

S.No	Semester	Suggested Changes
1.	III	Instead of Discrete Mathematics, Probability and Statistics may be included in III and IV Semesters as Probability and Statistics I and II respectively.
2.	III	Subject Content in Data Structures and Algorithms may include C programming basics or implement using Python.
3.	III	Subject name may be changed as Database Management System instead of Database Design & Management and Database management System Lab for Database Design & Management Lab
4.	IV	Subject name may be changed from Operating System Concepts to Operating System and Data & Information Security to Information Security.
5.	V	Subject Name Embedded Systems and IoT may be divided into two Separate subjects 1. Embedded Systems 2. Internet of Things


BOS- Chairman

Copy to:

1. The chairman, Academic Council
2. All members of Board of Studies Meeting.



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Board of Studies in Faculty in Computer Science and Engineering and Information Technology
(Department of Computer Science and Engineering, Department of Information Technology, Department of Cyber Security and Department of Artificial Intelligence and Data Science)

Attendance of Meeting held on 06.04.2023

Sr.No.	Name	Designation	Category	Signature
1.	Dr. B. Vanathi	Professor & Head	Chairman	
2.	Dr.M.Sugumaran	Professor Department of Computer Science and Engineering, Puducherry Technological University, Pillaichavady, Puducherry 605014	University Nominee	Attended * via Online
3.	Dr. S. Bose	Professor Department of Computer Science and Engineering, Anna University, Chennai.	Member (Subject Expert)	 06/04/2023
4.	Dr. S. Lakshmana Pandian	Associate Professor Pondicherry Engineering College	Member (Subject Expert)	Attended * via Online
5.	Mr. Jerome Melkisdak	Founder, CEO Operation & Business Development Stigmata Techno Solutions LLP, Chennai	Member (Industry Expert)	Attended * via Online
6.	Mr.P.MuthuGanapathy Nathan	Member Technical Staff Zoho Corporation Estancia IT Park Vailencheri GST Road Guduvanchery 603202	Member (CSE Alumnus)	
7.	Mr.Anirudha Selvarjan	Senior Data Scientist Tiger Analytics Kandanchavadi,MGR Road Perungudi Chennai 600096	Member (IT Alumnus)	—
8.	Dr.M.Senthilkumar	Professor & Head	Member	
9.	Dr.S.Narayanan	Associate Professor & Head	Member	
10.	Dr.S.Ravikumar	Associate Professor & Head	Member	
11.	Dr. A. Samydurai	Professor	Member	
12.	Dr. B. Muthu Senthil	Professor	Member	

* Online Attendance Attached

SRM Nagar, Kattankulathur-603 203, Kancheepuram District, Tamil Nadu, India.

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www.srmvalliammai.ac.in

ONLINE ATTENDANCE

I. Summary

Meeting title
 Attended participants
 Start time
 End time
 Meeting duration
 Average attendance time

SRM VEC 4th BoS Meeting 7
 4/06/23, 10:39:50 AM
 4/06/23, 7:58:53 PM
 9h 19m 3s
 3h 39m 38s

2. Participants

Name
 Dr. B. Vanathi
Dr. Sugumaran & S. Lakshmana Pandian
 Ms. G. Sangeetha
JEROME MELKISIDAK
 Ms. C. Pabitha
 Dr. S. Narayanan
 Dr. D. Sridevi

First Join
 4/06/23, 10:39:59 AM
 4/06/23, 11:03:16 AM
 4/06/23, 11:20:20 AM
 4/06/23, 11:23:50 AM
 4/06/23, 11:44:50 AM
 4/06/23, 12:32:59 PM
 4/06/23, 12:53:45 PM

Last Leave In-Meeting Duratio Email
 4/06/23, 3:56:50 | 5h 8m 12s
 4/06/23, 3:39:24 | 4h 36m 8s
 4/06/23, 2:37:49 | 2h 43m 47s
 4/06/23, 1:52:55 | 2h 29m 5s
 4/06/23, 7:58:53 | 7h 46m 3s
 4/06/23, 3:35:09 | 1h 35m 23s
 4/06/23, 2:12:37 | 1h 18m 51s

Participant ID (UPN) Role
 hodcse@srmveccampus.onmic hodcse@srmveccampus Organizer
 sangeetha.cse@srmveccampus sangeetha.cse@srmveccampus Presenter
 jerome.melkisidak@Intecc.cor jerome.melkisidak@Intecc.cor Presenter
 pabitha.cse@srmveccampus.oi pabitha.cse@srmveccampus.oi Presenter
 narayanan.it@srmveccampus.narayanan.it@srmveccampus Presenter
 Presenter

3. In-Meeting Activities

Name
 Dr. B. Vanathi
 Dr. B. Vanathi
 Dr. B. Vanathi
Dr. Sugumaran & S. Lakshmana Pandian
 Ms. G. Sangeetha
 Ms. G. Sangeetha
 Ms. G. Sangeetha
 Ms. G. Sangeetha
JEROME MELKISIDAK
 Ms. C. Pabitha
 Ms. C. Pabitha
 Ms. C. Pabitha
 Ms. C. Pabitha
 Dr. S. Narayanan
 Dr. S. Narayanan
 Dr. D. Sridevi

Join Time
 4/06/23, 10:39:59 AM
 4/06/23, 11:10:50 AM
 4/06/23, 3:14:06 PM
 4/06/23, 11:03:16 AM
 4/06/23, 11:20:20 AM
 4/06/23, 12:08:22 PM
 4/06/23, 1:32:22 PM
 4/06/23, 1:48:05 PM
 4/06/23, 11:23:50 AM
 4/06/23, 11:44:50 AM
 4/06/23, 12:53:20 PM
 4/06/23, 2:47:15 PM
 4/06/23, 3:08:35 PM
 4/06/23, 12:32:59 PM
 4/06/23, 3:15:53 PM
 4/06/23, 12:53:45 PM

Leave Time Duration
 4/06/23, 11:09:47 29m 48s
 4/06/23, 3:06:32 | 3h 55m 41s
 4/06/23, 3:56:50 | 42m 43s
 4/06/23, 3:39:24 | 4h 36m 8s
 4/06/23, 11:57:36 37m 16s
 4/06/23, 1:14:00 | 1h 5m 37s
 4/06/23, 1:43:33 | 11m 10s
 4/06/23, 2:37:49 | 49m 44s
 4/06/23, 1:52:55 | 2h 29m 5s
 4/06/23, 12:52:11 | 1h 7m 21s
 4/06/23, 2:41:38 | 1h 48m 17s
 4/06/23, 2:47:23 | 7s
 4/06/23, 7:58:53 | 4h 50m 18s
 4/06/23, 1:49:07 | 1h 16m 8s
 4/06/23, 3:35:09 | 19m 15s
 4/06/23, 2:12:37 | 1h 18m 51s

Email Role
 hodcse@srmveccampus.onmic Organizer
 hodcse@srmveccampus.onmic Organizer
 hodcse@srmveccampus.onmic Organizer
 sangeetha.cse@srmveccampus Presenter
 sangeetha.cse@srmveccampus Presenter
 sangeetha.cse@srmveccampus Presenter
 sangeetha.cse@srmveccampus Presenter
 jerome.melkisidak@Intecc.cor Presenter
 pabitha.cse@srmveccampus.oi Presenter
 pabitha.cse@srmveccampus.oi Presenter
 pabitha.cse@srmveccampus.oi Presenter
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 Presenter