

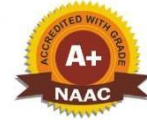


JEPPIAAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Self-Belief | Self Discipline | Self Respect

Kunnam, Sunguvarchatram, Sriperumbudur-631604



Department of Information Technology

12-12-2024

2nd BOARD OF STUDIES -MINUTES OF MEETING

DATE: 12-12-2024 at 10:00 AM

The hybrid Board of Studies (BoS) meeting of the Undergraduate Programme- B.Tech Information Technology (IT) was held on 12-12-2024 at 10:00 AM at Syndicate room, Jeppiaar Institute of Technology. The meeting was chaired by Dr.P.D.SELVAM, Associate Professor and Head, Information Technology.

The following are the list of BOS Members:

S.NO.	NAME	DESGINATION	ROLE	Email/Mobile No
1.	Dr.P.D.Selvam	Associate Professor & Head, Department of Information Technology, Jeppiaar Institute of Technology, Chennai.	Chairman	ithod@jeppiaarinstitute.org
2.	Dr.Damodar Reddy Elda	Associate Professor, Department of Computer Science and Engineering, National Institute of Technology,Goa	External Member- Academics	Dr.reddy@nitgoa.ac.in
3.	Dr. R. Padmavathy	Professor, Department of Computer Science and Engineering, National Institute of Technology, Warangal	External Member- Academics	rpadma@nitw.ac.in
4.	Mr.V.Ramanathan	Associate Vice President, Digital Transformation Program Delivery, Mphasis Ltd,Chennai	External Member - Industry	ramanathan.v@mphasis.com
5.	Mr.M.S Srinivasan	CEO, Auriseq Consulting Private Limited, Chennai	External Member- Industry	Srini.mani@auriseq.com
6.	Dr. K. Vidya	Associate Professor, Department of Information Science and Technology, Anna University Chennai	Univer sity Represe ntative	kvidya@annauniv.edu

7.	Ms. Benvento	Senior Cloud Engineer, HCL Technologies, Chennai	Alumni	beneisunpeter@gmail.com
8.	Dr R Kalaiarasan	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	kalaiarasan.r@jeppiaarinstitute.org
9.	Mr.S.Kerthy	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	kerthy.s@jeppiaarinstitute.org
10.	Ms.V.Shanmuga Priya	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai..	Internal Member	shanmugapriya@jeppiaarinstitute.org
11.	Ms.D.Kanmani	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	kanmanid@jeppiaarinstitute.org
12.	Ms.N.Pavithra	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	pavithra.n@jeppiaarinstitute.org
13.	Ms.R.Ruth Shobitha	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	ruthshobithar@jeppiaarinstitute.org
14.	Ms.E.Yuvabharathi	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	yuvabharathi.e@jeppiaarinstitute.org
15.	Mr R Arulkumar	Assistant Professor, Dept. of IT, Jeppiaar Institute of Technology, Sunguvarchatram, Chennai.	Internal Member	arulkumarcse29@gmail.com

Dr.P.D.SELVAM extended a heartfelt welcome to all the members and introduced the Board Members.

Agenda of the Meeting:

Agenda Item No.1: To welcome all the BoS Members

Dr.P.D.SELVAM introduced and welcomed all the BOS members.

Agenda Item No.2: To discuss and approve curriculum contents of Minor Degree courses Cyber Security

A. Dr. R. Padmavathy Suggestion:

Dr. R. Padmavathy suggested to add practical components and simplified theory concepts in the syllabus. She also suggested the subjects in the R2024 curriculum to be offered in the Minor Degree for other branch students.

B. Mr.V.Ramanathan Suggestions:

Include Theory papers covering the below topics.

- Inclusion of Security frameworks and standards which should get implemented as part of Web site development.
 - Introduction to Common Security frameworks
 - OWASP, NIST, SOC 2, Essential 8.
 - Implementing OWASP (**Open Worldwide Application Security Project**) , for developing web applications. ([OWASP Foundation. the Open Source Foundation for Application Security | OWASP Foundation](#))
 - Common encryption and decryption techniques for Application security.
 - Tools and Common Algorithms. (TripleDes, AES etc.).
 - Common patterns of Cyber attacks on applications and ways to avoid the same.
- Include a practical Lab exercise to implement all the basics learn on Cybersecurity and preventing an attack, by building a secured web application.
 - Say - the web application should only be accessible through https, the web site should not be vulnerable for SQL injection, URL hacking, etc. .

Summary of my feedback

- Focus more on Must know of application security (web) standards, common cyber-attacks and standard frameworks to be resilient to cyber-attacks. The Lab can focus on building applications which implements all best practices and compliant to cyber-attack proof.

C. Mr M.S.Srinivasan Suggestions:

This initiative aims to develop a robust Application Security portfolio for 3rd or 4th-semester students, equipping them with critical cybersecurity skillsets and preparing them for opportunities in leading cybersecurity companies.

Finally, Dr.P.D.SELVAM, Associate Professor & Head, Department of Information Technology delivered the vote of thanks.

RESOLUTION:

- A. As suggested by **Dr. R. Padmavathy**, subjects related to Regulation 2024 (Autonomous) B.Tech Information Technology curriculum were added in the Minor Degree –Cyber Security.
- B. WEB APPLICATION SECURITY subject also incorporated as suggested by **Mr.V.Ramanathan** with hands on practical tools in Unit V.
- C. Jeppiaar Institute of Technology has signed MOU with Intel® Unnati AI Labs to give hands on training in various software related tools including cyber security tools.

After undergoing the suggested changes, the revised Minor Degree Curriculum will be sent to the BoS members for approval.

Dr.P.D.SELVAM
Board Chairman & HOD / IT

.NO.	NAME	ROLE	SIGNATURE
1.	Dr.P.D.Selvam	Chairman	
2.	Dr.Damodar Reddy Elda	External Member-Academics	
3.	Dr. R. Padmavathy	External Member-Academics	
4.	Mr.V.Ramanathan	External Member - Industry	
5.	Mr.M.S Srinivasan	External Member-Industry	
6.	Dr. K. Vidya	University Representative	
7.	Ms. Benvento	Alumni	
8.	Dr R Kalaiarasan	Internal Member	
9.	Mr.S.Kerthy	Internal Member	
10.	Ms.V.Shanmuga Priya	Internal Member	
11.	Ms.D.Kanmani	Internal Member	
12.	Ms.N.Pavithra	Internal Member	
13.	Ms.R.Ruth Shobitha	Internal Member	
14.	Ms.E.Yuvabharathi	Internal Member	
15.	Mr R Arulkumar	Internal Member	

