Rajarajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi,
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Computer Science & Engineering
(IoT, Cybersecurity including Blockchain Technology)

Ref: RRCE/Dept-CSE[IC]/BoS/2024-25/01   Date: 06/09/2024

Minutes of First Board of Studies Meeting for the UG Programme in Department of Computer Science & Engineering [IoT, Cybersecurity including Blockchain Technology] held on 3rd September 2024 at 1:30 PM in the Board Room of Rajarajeswari College of Engineering.

The following members were present at the meeting.

Sl. No.	Name of the Members	Designation	Role in the BoS
1	Dr. SHASHIDHAR V	Associate Professor & Head	Chairman
2	Dr. S VASUNDHARA	Professor, Department of Computer Science & Engineering, Jawaharlal Nehru Technological University, Ananthapur.	VTU Nominee
3	Dr. NANDINI N	Associate Professor, Department of Computer Science & Engineering, Dr. AIT, Bangalore.	Academic Expert
4	Dr. NAVEEN J	Associate Professor, Dept. of CSE, School Of Engineering And Technology, Christ University, Kengeri Campus, Bangalore.	Academic Expert
5	Dr. SHASHIKALA	Professor & Head, Dept. of CSE (IoT, CyberSecurity including BlockChain Technology], Dayananda Sagar Academy of Technology and Management, Bangalore.	Academic Expert
6	Dr. MITHUN B N	Professor & Head, Dept. of CSE(Cybersecurity), APS College of Engineering, Bangalore.	Academic Expert
7	Dr. RAGHU H V	Scientist-D, Research & Development Institute-CDAC, Bangalore.	Industry Exper
8	Mr. AKSHAY KUMAR M	Founder & Executive Director, Stemmoz Limitada, Mozambique.	Alumni
9	Prof. GHOUSE PASHA	Asst. Professor	Member
10	Prof. T V MANOHAR	Asst. Professor	Member
11	Prof. POORNAMATHI	Asst. Professor	Member

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12	Prof. RENUKA H N	Asst. Professor	Member
13	Prof. BHAVANA H V	Asst. Professor	Member

The chairman of the Board welcomed all the members of Dept. of CSE[IC] Board of Studies. Prof. Poornamathi S introduced each member of the board. Then she invited Dr. Shashidhar V, BoS Chairman, to present the scheme and syllabus for the first year (first and second semesters) and the scheme for the second year (third and fourth semesters).

Dr. Shashidhar V, BoS Chairman, presented the members with the following agenda for the meeting:

Agenda 1: Presenting the Scheme for I, II, III, IV Semester proposed for UG first-year students in the Department of Computer Science & Engineering [IC] for the academic year 2024-25.

Agenda 2: Discussion on the scheme and syllabus of I and II Sem, UG first-year students in the Department of Computer Science & Engineering [IC] for the academic year 2024-25.

Agenda 3: Discussion on Scheme and Syllabus including COs, POs, CIE, SEE, Text & Reference books.

Agenda 4: Finalization of syllabus along with incorporations of Recommendations and Suggestions.

Agenda 5: Vote of thanks by Chairman of BoS.

The agenda for the Dept. of CSE[IC] -BoS meeting was then read and the forum was open for individual subject deliberations.

Agenda 1: Presenting the Scheme for I, II, III, IV Semester proposed for UG first-year students in the Department of Computer Science & Engineering [IC] for the academic year 2024-25.

Board Members appreciated the scheme and structure in general and also mentioned more domine based, competitive(like Gate, Gre, Toefl etc) & project-based learning should be organized in order to mould the students as per the industry expectations.

Five specializations Mathematics (Number Theory), Computer Networks, Internet of Things, and Cybersecurity were highly recommended which are a lot trending in the industry right now.

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Agenda 2: Discussion on the scheme and syllabus of I and II Sem, UG first-year students in the Department of Computer Science & Engineering [IC] for the academic year 2024-25.

Suggestions given by externals for adding and editing slight content in the various subjects. They are as follows

Principles of Programming using C

- Dr. Vasundhara and Dr. Raghu H V suggested that laboratory experiments must generalize on concepts which are thought of in theory, instead of writing a C Program.

Introduction to Python Programming

- All the members of BoS suggested and recommended update some more advance topics in the first two module.
- Dr. Mithun B N, Dr. Shashikala, Dr. Naveen J given the suggestion to include the reference textbook as Let us think python.
-

Introduction to Internet of Things

- Dr. Shashikala and Dr. Mithun B N highly recommended don't give this course for first year students since the concepts are advanced which does not knowing any basics earlier.

All the BoS members highlighted subjects like Number Theory, Internet of Things, Cybersecurity and Blockchain Technology which must introduced from 3rd semester to 6th semester which are highly needed for industry.

Agenda 3: Discussion on Scheme and Syllabus including COs, POs, CIE, SEE, Text & Reference books.

The Chairman requested all the BoS Members to also review the COs of all the subjects. BoS members reviewed the Cos and given their suggestion to refer the Bloom's Taxonomy while framing the Cos. It was suggested to include the latest books by renowned authors and publishers as a part of text/reference books. Finally, BoS members suggested don't which stress on Cos and POs for another two to three years.

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It was suggested to merge the newly introduced laboratory with existing theory subjects only that's in three and fourth semester. It was also suggested by the industry experts to consider new technology and internships.

Agenda 4: Finalization of syllabus along with incorporations of Recommendations and Suggestions.

Following Changes as per the BoS recommendations have been finalized:

- Introducing Computer Networks, Number Theory, IoT, Cybersecurity, Blockchain as a part of 3rd semester UG programme
- Minor changes as suggested by BoS will be incorporated in the contents and textbooks.
- Don't remove any competitive course for Gate, Gre, Tofel etc.
- Consideration of minimum credits in mathematics for higher studies.
- Merge the new laboratory with existing IPCC courses only.

Agenda 5: Vote of thanks by Chairman of BoS.

The Chairperson-BoS, Dr. Shashidhar V proposed the Vote of Thanks. He individually thanked the BoS Members for their committed participation in the discussions and for their valid inputs to the course. He then thanked industry experts and other members of the board for their valuable involvement in the syllabus discussions.

Note: The BoS members Dr. S. Vasundhara-VTU Nominee, Dr. Raghu H V-Industry Expert, Mr. Akshay Kumar M-Alumni joined through virtual mode.
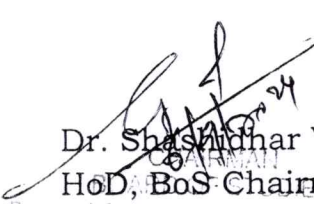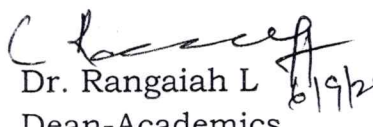Google Link: 1st BoS Meeting on 03.9.2024
Tuesday, September 3 · 1:15 – 4:15pm
Time zone: Asia/Kolkata
Google Meet joining info
Video call link: https://meet.google.com/oxp-pfar-njc

Dr. Shashidhar V
HoD, BoS Chairman
Dept. of CSE[IC]

Dr. Rangaiah L
Dean-Academics
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