FIRST BOARD OF STUDIES -MEETING

BOARD: CSE, IT, AIDS, CBS &MCA

DATE: 20.07.2024

VENUE: JKKMCT BOARD ROOM



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2	Minutes of the BOS meeting
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BOS MEMBERS

S.NO	NAME, DESIGNATION & ADDRESS	CATEGORY
1.	Dr.N.SATHYABALAJI Associate Professor & Head – CSE JKKMCT	Chairperson
2.	Dr. K. ANITHA KUMARI Associate Professor, Department of Information Technology, PSG College of Technology Coimbatore - 641004	University Nominee
3.	DR.S. DANIEL MADAN RAJA, Associate Professor, School Of Computer Science And Engineering, Karunya Institute Of Technology And Sciences (Deemed To Be University).	Two Subject Experts from
	DR.R.BALAMURUGAN, Associate Professor, School Of Computer Science and Engineering, Vellore Institute of Technology ,Vellore (Deemed To Be University)	outside the Parent University
4.	DR.S. KARTHIK, Professor & Dean, Department Of CSE, SNS College Of Technology, Coimbatore	Special Invitee Academic Expert
5.	MR.M. ARAVIND, Deputy manager (Lead Engineer), ZF Commercial vehicle control system india limited, chennai.	Representative from Industry
6.	Mr.D.VIVEK SANKER, Lead Technical Consultant, Athena Technology Solutions, Bangalore	Meritorious Alumni
7.	DR.K.SRIDHARAN Professor & Head, Department of AI &DS, JKKMCT	Internal Member
8.	DR.S.B.MANOOJKUMAAR Associate Professor & Head, Department of Cyber Security, JKKMCT	Internal Member



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9.	MRS.M.C.SAVITHRI Assistant Professor, Department of CSE, JKKMCT	Internal Member
10.	MRS.P.SANGEETHA Assistant Professor, Department of IT, JKKMCT	Internal Member
11.	MRS.P.SASIREKA, Assistant Professor, Department of CSE, JKKMCT	Internal Member
12.	MR.E.ANANTH, Assistant Professor, Department of CSE, JKKMCT	Internal Member
13.	MRS.S.THARANI Assistant Professor, Department of IT, JKKMCT	Internal Member
14.	MRS.D.NIVETHINI Assistant Professor, Department of IT, JKKMCT	Internal Member
15.	MRS.S. ANBUMALAR Assistant Professor Department of AI &DS, JKKMCT	Internal Member
16.	MR.I.MANIKANDAN Assistant Professor, Department of MCA, JKKMCT	Internal Member
17.	MRS.L. KARTHIKA Assistant Professor, Department of MCA, JKKMCT	Internal Member



Minutes of the BOS meeting

- ► The First BOS meeting was held on 20.7.2024, Saturday-2024 in the board room of JKK MUNIRAJAH College of technology.
- ► The principal and chairman welcomed all the BOS members for the first board of studies meeting.
- ► The Curriculum and syllabi for First year (I and II Semester) B.E. Computer Science and Engineering, B.Tech Information technology, B.E. Computer Science and Engineering Cyber Security, B.Tech Information technology (AIDS) (I and II Semester) Master of Computer Applications and M.E.. Computer Science and Engineering were presented by Dr.N.SATHYABALAJI, the Chairman, Board of Studies.
- ► The members had brainstorming discussion and interaction among them. The outcome of the discussions was incorporated appropriately in the syllabi.



SI	PROGRAMME	POINTS DISCUSSED
NO		
		Suggestions In Curriculum:
		1. The committee suggested to use java as
	B.E. Computer science	preliminary language for OOPS subject in III
1	and Engineering &	semester.
	B.Tech. Information	2. The CSE and IT core courses should also be given
	Technology	to information and communication department
		students in higher semesters.
		3. The committee suggested to add computer
		architecture instead of introduction to data
		science in III semester.
		4. The subject expert suggested to use either AI
		course or ML course instead of using AI & ML
		course as both are vast areas and may lead to
		difficulty in focusing on both areas.
		5. The subject experts suggested to change the
		course name to Software Engineering (SE)instead
		of object-oriented software engineering (OOSE).
		6. The committee suggested to change the credits
		for mini project to 4 credits from 1.5 credits.
		7. The Main project credits should be increased to
		12 credits from 10 credits as it is focused more for
		employability by the recruiters.



8.The committee suggested to change the Credits for
laboratory courses to 2 credits from 1.5 credits.

- 9. The committee suggested to change the credits of all professional elective courses from 4 credits to 3 credits only.
- 10. The committee members suggested to add online courses like Swayam NPTEL, Coursera etc with credits transfer system for those who clear the courses can have the flexibility to drop one professional elective course from the curriculum in higher semesters.
- 11. Mandatory courses to be studied in semester V and VI should be included in the mark sheet
- 12. The committee suggested to move the professional elective from semester VI to VII and move the open elective I to semester VI.
- 13.summer internship should be moved to VII semester from VIII semester.
- 14.The open elective III and professional elective V should be moved to VIII semester along with the main project.
- 15.The external members suggested to change computer networks course to theory only from theory cum practical.



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16.The committee suggested that the course code should be the same for all the courses with same syllabus and "common to" word must be mentioned in other departments syllabus except that department which framed the syllabus to avoid confusion in question paper setting.

For Ex: The syllabus for course "Data structures "framed by CSE department with course code 24CS303 should be followed by IT, AIDS and Cybersecurity and the word "common to" is mentioned in question paper for the remaining departments.

17.The committee suggested to move the Course in semester VI "Information Theory and coding Techniques" for B.Tech IT programme to professional Elective list and add the course from Electronics department "wireless communication or Mobile Communication".

18.The course name "cryptography and Information security" in B.Tech Information Technology should be changed to "Information security" and the syllabus should be changed accordingly.

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19.The course name "Analog and Digital Communication" should be added to B.Tech IT curriculum in semester III.

B.E. CSE, CS, B. TECH IT & AIDS

Suggestions In Syllabus (Sem 1 And Sem 2):

- 1.The committee suggested our faculty members to use latest edition of books for text books and reference books in the syllabus.
- 2.The committee suggested to modify the course syllabus of "Problem solving and python programming" by adding the topics elif in unit 3 and sets in unit 4 and packages in unit 5.
- 3. The number of learning hours must be reduced to 7 hours for unit 1 and 2 and to increase the number of hours to 13 hours for unit 5.
- 4.The committee members suggested to remove the topic in the lab syllabus "application debugging "in the Problem solving and python programming theory cum practical course.

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SI NO	PROGRAMME	POINTS DISCUSSED
		CURRICULUM:
		1.The committee suggested to modify the course
	M.E. Computer	structure like this.
1	science and	Semester I: 6 theory course and 2 laboratory courses
	engineering	Semester II: 5 theory courses (2 core course and 3
		professional electives (I, II, III) and 2 laboratory
		courses
		Semester III: 2 Professional Elective courses (IV and
		V)
		Semester IV: 6 theory course and 2 laboratory
		courses
		2.The committee suggested to move the courses
		"IOT" "Machine learning "in Sem II and
		"Cybersecurity" in Sem III to Professional Electives.
		3.The committee suggested to remove theory cum
		practical courses.
		4.The committee suggested to add Industrial Training
		and Technical seminar in semester 3 with 2 credits
		Suggestions in SYLLABUS (M.E. CSE):
		1. The committee suggested to split the total
		instructional 12 hours in the mathematics



course	"Applied mathematics for engineers"
syllabu	s unit to lecture plus tutorial hours (9 +
3) hou	rs

- 2. The syllabus change was suggested by the committee members for the course "Advanced Data structures and Algorithms" in unit 3 by removing the topics "tournament Trees","2-3 Trees" and "Range trees".
- The committee suggested our faculty members to use latest edition of books for text books and reference books in the syllabus.
- 4. The committee suggested to add the topics " Mutual exclusion topics in course " High Performance Computing" Syllabus
- 5. Either case studies should be implemented in all theory courses or not.
- 6. The committee suggested to change the topics in syllabus for course "machine learning Techniques" unit 2 as supervised learning and unsupervised learning "and change the topic in unit 5 "How deep learning techniques differ from machine learning techniques" to deep learning vs machine learning.
- 7. The committee suggested to change the topics in syllabus for course "Big Data Analytics " in unit 3 " ETL and Data ingestion "



8.	The co	mmittee s	uggested to inc	clude	the topic
	"kanba	an model"	in unit V sylla	bus fo	or course
	"Agile	software	development	and	usability
	learnir	ng".			

- 9. The committee suggested to change the course name "artificial intelligence and applications" to "Artificial intelligence and its applications".
- 10. The committee suggested to swap the syllabus of unit 2 to unit 1 in the course "cloud computing"
- 11. The committee suggested to add the topic "micro services and Docker "in unit V for the syllabus of course "cloud computing"
- 12. The committee suggested to change the course name "Real time systems and Principles" to "Real time systems".
- 13. The committee suggested to add the quantum computing Tools like CIRQ, IBM in unit V for the syllabus of course "quantum computing"
- 14. The committee suggested to add the topic "
 WSDL" in unit 3 for course software architecture and design.

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SI NO	PROGRAMME	POINTS DISCUSSED
		CURRICULUM:
		1. The committee suggested to change the course
		order in semester I to reduce complexity as already
1	Master of Computer	it is heavy with mathematics course and 2
	Applications (MCA)	programming language courses.
		2. The committee suggested to change the practical
		course credits to 6 credits
		SYLLABUS:
		1.The committee ratified the syllabus for semester I
		and II for MCA programme

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6. The committee suggested that the course code
should be the same for all the courses with same
syllabus and "common to" word must be
mentioned in other departments syllabus except
that department which framed the syllabus to
avoid confusion in question paper setting.

For Ex: The syllabus for course "Data structures "framed by CSE department with course code 24CS303 should be followed by IT, AIDS and Cybersecurity and the word "common to" is mentioned in question paper for the remaining departments

- 7. The committee suggested to move the course "theory of computation "from semester IV to semester V
- 8. The committee suggested to move the Open elective I to semester v from semester VI
- The committee suggested to change the course Cyber Crime Investigation & Digital Forensics to Penetration testing laboratory.
- 10. The committee suggested to change the course Engineering secure software testing to secure coding.

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11. The committee suggested to add one professional
core to seventh semester.

- 12. The committee suggested to change the credits for mini project to 4 credits from 1.5 credits.
- 13. The Main project credits should be increased to 12 credits from 10 credits as it is focused more for employability by the recruiters.
- 14. The committee suggested to change the credits of all professional elective courses from 4 credits to 3 credits only.
- 15. The committee members suggested to add online courses like Swayam NPTEL, Coursera etc with credits transfer system for those who clear the courses can have the flexibility to drop one professional elective course from the curriculum in higher semesters.
- 16.Mandatory courses to be studied in semester V and VI should be included in the mark sheet
- 17.summer internship should be moved to VII semester from VIII semester.



18. The open elective V and professional elective V should be moved to VIII semester along with the main project.
19.The external members suggested to change computer networks course to theory only from theory cum practical.
20.The committee suggested to add Human values and Ethics course in semester VII

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SI NO	PROGRAMME	POINTS DISCUSSED
		Suggestions In Curriculum:
		1. The committee suggested to change the course
		name "Random Variables and Structures" to
	B.Tech. Information	"Random Variables and Discrete Structures".
1	Technology (Artificial	2. The ECE courses should also be given to AIDS
	Intelligence and Data	department students in higher semesters.
	science)	3. The committee suggested to verify the
		laboratory requirements for Data Science and
		Analytics
		Laboratory.
		4. The committee suggested to change the credits
		for mini project to 4 credits from 1.5 credits.
		5. The Main project credits should be increased to
		12 credits from 10 credits as it is focused more
		for employability by the recruiters.
		6. The committee suggested to change the Credits
		for laboratory courses to 2 credits from 1.5
		credits.
		7. The committee suggested to change the credits
		of all professional elective courses from 4 credits
		to 3 credits only.



8. The committee members suggested to add
online courses like Swayam NPTEL, Coursera etc
with credits transfer system for those who clear
the courses can have the flexibility to drop one
professional elective course from the curriculum
in higher semesters.

- 9. Mandatory courses to be studied in semester V and VI should be included in the mark sheet.
- 10.The committee suggested to move the Open elective I to semester v from semester VI
- 11. The committee suggested to change the course Engineering secure software testing to Computer Vision.
- 12. The open elective III and professional elective V should be moved to VIII semester along with the main project.
- 13. The committee suggested to move the professional elective from semester VI to V and move the open elective v to semester VIII.
- 14.summer internship should be moved to VII semester from VIII semester.
- 15. The committee suggested that the course code should be the same for all the courses with same syllabus and "common to" word must be mentioned in other departments syllabus except



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that department which framed the syllabus to avoid confusion in question paper setting.

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- 16.The committee suggested to move the Course in semester VI "Information Theory and coding Techniques" for B.Tech IT programme to professional Elective list and add the course from Electronics department "wireless communication or Mobile Communication".
- 17. The course name "cryptography and Information security" in B.Tech Information Technology should be changed to "Information security" and the syllabus should be changed accordingly.
- 18.The course name "Analog and Digital Communication" should be added to B.Tech IT curriculum in semester III.
- 19.The open electives like "medical Imaging", "Drone technology" and AI for agriculture etc could be added
- 20. The committee suggested to change the course Embedded systems and IOT to Data analytics using IOT



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	21.The committee suggested to add Human values
	and Ethics course in semester VII.



CERTIFICATE

The Curriculum and Syllabus of the courses B. E (CSE, CS)/ B. TECH – (AIDS & IT), MCA, ME (CSE) offered by the Department of CSE, IT, CS, AIDS & MCA of J.K.K.Munirajah College of Technology (Autonomous and Affiliated to Anna university) for 2024-2025 admission onwards has been ratified by the Board of CSE, IT & MCA which held on 20.07.2024 at 10.00 am.



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SIGNATURE OF BOS MEMBERS

Station

1. Llll. /20/7/2024

Dr.N.SATHYABALAJI

Professor & Head Department Of CSE JKKMCT

(chairman)

Dr. K. ANITHA KUMARI

Associate Professor,
Department of Information Technology,
PSG College of Technology
Coimbatore – 641004

(University Nominee)

Im

DR.S. DANIEL MADAN RAJA,

Associate Professor,
School Of Computer Science And Engineering,
Karunya Institute Of Technology And
Sciences

(Expert Member)

9. John

DR.R.BALAMURUGAN,

Associate Professor,
School Of Computer Science and Engineering,
VIT, Vellore
(Deemed To Be University)

(Expert Member)



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DR.S. KARTHIK,

Professor & Dean, Department Of CSE, SNS College Of Technology, Coimbatore

M.ARAVIND,

Deputy manager (Lead Engineer), ZF Commercial vehicle control System India limited, Chennai

D.VIVEK SANKER.

Lead Technical Consultant, Athena Technology Solutions, Bangalore

> DR.K. SRIDHARAN, **PRINCIPAL JKKMCT**



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FACULTY OF CSE, IT, AIDS, CBS AND MCA

BOS Meeting- Attendance Report

S.NO	NAME, DESIGNATION & ADDRESS	CATEGORY	SIGNATURE
1.	Dr.N.SATHYABALAJI Associate Professor & Head – CSE JKKMCT	Chairperson	Smillstea
2.	Dr. K. ANITHA KUMARI Associate Professor, Department of Information Technology, PSG College of Technology Coimbatore - 641004	University Nominee	1 While
3.	DR.S. DANIEL MADAN RAJA, Associate Professor, School Of Computer Science And Engineering, Karunya Institute Of Technology And Sciences (Deemed To Be University).	Two Subject Experts from	M
	DR.R.BALAMURUGAN, Associate Professor, School Of Computer Science And Engineering, Vit ,Vellore (Deemed To Be University)	outside the Parent University	J. 1981
4.	DR.S. KARTHIK, Professor & Dean, Department Of CSE, SNS College Of Technology, Coimbatore	Special Invitee Academic Expert	SILMAD
5.	MR.M.ARAVIND, Deputy manager (Lead Engineer), ZF Commercial vehicle control sytem india limited, chennai.	Representative from Industry	Co, Or askin
6.	Mr.D.VIVEK SANKER, Lead Technical Consultant, Athena Technology Solutions, Bangalore	Meritorious Alumni	DOM.
7.	DR.K. SRIDHARAN Professor & Head, Department of AI &DS, JKKMCT	Internal Member	100MD



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8.	DR.S.B.MANOOJKUMAAR Associate Professor & Head, Department of Cyber Security, JKKMCT	Internal Member	Minor
9.	MRS.M.C.SAVITHRI Assistant Professor, Department of CSE, JKKMCT	Internal Member	De Atou
10.	MRS.P.SANGEETHA Assistant Professor, Department of IT, JKKMCT	Internal Member	Sor of Bold
11.	MRS.P.SASIREKA, Assistant Professor, Department of CSE, JKKMCT	Internal Member	P. Sen 30/4
12.	MR.E.ANANTH, Assistant Professor, Department of CSE, JKKMCT	Internal Member	E. Ash
13.	MRS.S.THARANI Assistant Professor, Department of IT, JKKMCT	Internal Member	Bury
14.	MRS.D.NIVETHINI Assistant Professor, Department of IT, JKKMCT	Internal Member	201712
15.	MRS.S. ANBUMALAR Assistant Professor Department of AI &DS, JKKMCT	Internal Member	S. Aulif
16.	MR.I.MANIKANDAN Assistant Professor, Department of MCA, JKKMCT	Internal Member	Many n 24
17.	MRS.L. KARTHIKA Assistant Professor, Department of MCA, JKKMCT	Internal Member	L. Keruli