

MVJ College of Engineering, Bengaluru
(An Autonomous Institute)

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi, Recognised by UGC with 2(f) & 12 (B),
Accredited by NBA & NAAC

Minutes of BoS Meeting

Date: 26.09.2023

Time: 10.30 AM - 12:30 PM

Venue: Online

Agenda: Finalization of 2022 scheme Autonomous syllabus from III to VIII semester for
Dept of CSE, AIML, CG, CD and ISE.

Members Present:

1. Dr. M Brindha, Vice Principal, MVJCE
2. Prof. Kumar R , Head of Department ISE, MVJCE
3. Dr. Kiran Babu, Head of Department CSE, MVJCE
4. Faculty members of CSE & ISE
5. Dr Shambavi , Associate Professor, BMSCE,VTU Nominee
6. Dr Champa HN, Professor, Bangalore University, External
7. Mr. Thimmarayaswamy K, Principle Design Engineer, Microchip ,Industry Expert
8. Mr. Rajat Agarwal, Software Engineering, Alumni Member

The meeting was started with a welcome address by Kiran Babu Sir.

Followed by the welcome address by Prof. Kumar R, HoD of Dept of ISE, for all guest, CSE and ISE faculties.

Dr. Kiran Babu gave brief introduction for different course categories with their credits. First he described the syllabus for third semester, followed by the fourth. Fifth to eighth semester scheme for all streams were discussed. The points mentioned are as follows:

- The syllabus and scheme of third semester is similar for all streams.

- Yoga is a mandatory course up to the sixth semester.
- Sixth-semester students can undergo project phase I and phase II they can undergo the seventh or eighth semester depending on the situation if they are placed and want to go for internships.
- New courses such as computer Graphics, Computer vision, Compiler Design, TOC are introduced in higher semesters.
- Design Process and Perspective Data visualization Lab is introduced for CSE,AIIML, CD and ISE.
- Project phase II is carried out in the seventh Semester with two IPCC courses.
- Internet of Things, Design of parallel Computing, Robotic process Automation are introduced across the branches.
- For eight Semester Professional electives (PEC), Open Elective (OEC) and Internship(INT) was proposed.
- Students can choose open electives from other branches, they cannot choose subject from CSE allied branches.
- OEC only through NPTEL has been introduced. Students are given benefits if they complete the course and acquire a certificate after the exam conducted by NPTEL.
- For INT, students can go to industry or carry out research and acquire certificate (14-20 week).
- Students can swap the subjects or curriculum during sixth and seventh semester.

With respect to the 2022 scheme autonomous syllabus from III to VIII sem of Dept of ISE following points were suggested by the external BoS members:

- Prof. Shambhavi suggested looking into the PLCC and PCC subjects further she asked to incorporate some new topics into each module.
- Further being an autonomous institute retaining VTU scheme is ok however refining the syllabus was suggested.
- It was suggested that Data structure and Operating systems should be taught in parallel.

- Mr. Thimmarayaswamy K suggested that in the Microcontroller and Embedded system course instead of focussing on assembly language, it should be taught with C programming with taking into consideration current industrial requirements.
- Mr. Thimmarayaswamy K, Principle Design Engineer, Microchip ,Industry Expert shared link from microchip which contains vast contents related to Internet of things, microcontroller, C programming which is free of cost and available to all. Students can take advantage of this to design hardware-related projects.
- For the rest, all members suggested carry forward the proposed syllabus incorporating the suggested points.

Screenshots:

The screenshot displays a Zoom meeting in progress. The main content is a presentation slide from MMJ College of Engineering. The slide text is as follows:

MMJ COLLEGE OF ENGINEERING
 Since 1982
 Engineering A Better Tomorrow

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**BOS Meeting for Approval
 of CSE and ISE 2022
 Scheme and Syllabus
 On 26-09-2023**

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The Zoom interface shows a meeting with 16 participants. The participants list includes: Dr. Jaya Chandwani (Me), Dr Kiran Babu T S, KUMAR R (Cohost), Geetha Jabez Ath..., and 2640 423 2396. Meeting controls at the bottom include Unmute, Start video, Share, and a red X button. The system tray at the bottom shows a temperature of 25°C, a search bar, and the date 26-09-2023 at 10:32.

Meeting Info

Dr. Jaya Chandwani (Me) | Dr Kiran Babu T S (Cohost) | 2640 423 2396 | Anita Mithapalli | amit

Viewing Dr Kiran Babu T S's screen - 100% +

3rd Sem Comparison between Departments

3rd Sem Scheme Comparison							
Sl No	Sub Code	Subject	CSE	ISE	CSD	CD	AIML
1	MVJ22CS31	Mathematics for Computer Science	✓	✓	✓	✓	✓
2	MVJ22CS32	Digital Design & Computer Organization	✓	✓	✓	✓	✓
3	MVJ22CS33	Operating Systems	✓	✓	✓	✓	✓
4	MVJ22CS34	Data Structures and Applications	✓	✓	✓	✓	✓
5	MVJ22CSL35	Data Structures Lab	✓	✓	✓	✓	✓
6	MVJ22CS36X	ESC/ETC/PLC	✓	✓	✓	✓	✓
7	MVJ22SCR37	Social Connect and Responsibility	✓	✓	✓	✓	✓
8	MVJ22A30X1	Ability Enhancement Course/Skill Enhancement Course - III	✓	✓	✓	✓	✓
9	MVJ22NS39	National Service Scheme (NSS)	✓	✓	✓	✓	✓
10	MVJ22PE39	Physical Education (PE) (Sports and Athletics)	✓	✓	✓	✓	✓
11	MVJ22YO39	Yoga	✓	✓	✓	✓	✓

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Participants (30)

Unmute | Start video | Share

26°C Mostly sunny | 10:51 26-09-2023

Meeting Info

Dr. Jaya Chandwani (Me) | Dr Kiran Babu T S (Cohost) | KUMAR R (Cohost) | amit | 2640 423 2396

Viewing Dr Kiran Babu T S's screen - 100% +

22 SCHEME DISTRIBUTION

Scheme Code	Percentage
PEC	10%
IPCC	20%
PROJ	8%
DEEC	8%
AMC ERY	2%
HSMC	3%
BSC	2%
MC	0%
AFC/SEC	8%
UHV	2%
ESC	5%
PCCL	3%
PCC	8%
BSC	5%

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Participants (25)

Unmute | Start video | Share

26°C Mostly sunny | 10:40 26-09-2023

Meeting Info: Dr. Jaya Chandwani (Me), Dr Kiran Babu T S (Cohost), 2640 423 2396, Anita Mithapalli, amit

Viewing Dr Kiran Babu T S's screen - 100% +

3rd Sem ISE Scheme

Sl No	Type	Code	Course Title	Teaching Department	Teaching Hours			Examination			Credits	
					Theory Lecture	Tutorial	Practical/Drawing	Duration in hours	CIE Marks	SEE Marks		Total marks
1	PCC/BSC	MVJ22MA31X	Mathematics for Computer Science	Mathematics	2	2	0	3	50	50	100	3
2	PCC	MVJ22IS32	Digital Design & Computer Organization	ISE	3	0	0	3	50	50	100	3
3	IPCC	MVJ22IS33	Operating Systems	ISE	3	0	2	3	50	50	100	4
4	PCC	MVJ22IS34	Data Structures using C/C++	ISE	3	0	0	3	50	50	100	3
5	PCC/L	MVJ22ISL35	Data Structures Lab	ISE	0	0	2	3	50	50	100	1
6	ESC	MVJ22IS36x	ESC/ET/PLC	ISE	2	0	2	3	50	50	100	3
7	UHV	MVJ22SCR37	Social Connect and Responsibility	ISE	0	0	2	1	100	-	100	1
8	AEC/ SEC	MVJ22AXYYL	Ability Enhancement Course/Skill Enhancement Course - III	TD and PSB Concerned department	If the course is a Theory			1	50	50	100	2
					1	0	2					
					0	0	2					
9	MC	MVJ22NS30	National Service Scheme (NSS)	NSS coordinator	If the course is a Lab			2	100	-	100	0
					0	0	2					
					0	0	2					
9	MC	MVJ22PE38	Physical Education (PE) (Sports and Athletics)	Physical Education Director								
					0	0	2					
9	MC	MVJ22YO39	Yoga	Yoga Teacher								

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Participants (29): Dr. Jaya Ch..., MVJ Colleg..., Dr Kiran Ba..., KUMAR R, 2640 423..., amit, Anita Mitha..., ANUSHA S, Champa H N, Dr M Brindha, Geetha Jab..., kalyani karn...

Meeting Info: Dr. Jaya Chandwani (Me), Rajat Agarwal, Dr Kiran Babu T S (Cohost), Anita Mithapalli, 2640 423 2396

Viewing Dr Kiran Babu T S's screen - 100% +

6th Sem Comparison between Departments

Sl. No	Type	Code	Course Title	CSE	AIML	CD	CG	ISE
1	PCC	MVJ22CS61	Cloud Computing (Open Stack /Google)	Yes				
		MVJ22AI61	Natural Language Processing		Yes			
		MVJ22CG61	Machine Learning				Yes	
		MVJ22IS61	Full Stack Development					Yes
		MVJ22CD61	Big Data Analytics			Yes		
2	PCC	MVJ22CS/CD62	Machine Learning	Yes	Yes	Yes		Yes
		MVJ22CG62	Design Processes and Perspectives				Yes	Yes
3	PEC	MVJ22CS63X	Professional Elective Course	Yes	Yes	Yes	Yes	Yes
4	OEC	MVJ22CS64X	Open Elective Course	Yes	Yes	Yes	Yes	Yes
5	PROJ	MVJ22CS65	Project Phase I	Yes	Yes	Yes	Yes	Yes
6	PCC/L	MVJ22CSL66	Machine Learning lab	Yes	Yes	Yes		Yes
		MVJ22CGL66	UI/UX lab				Yes	
7	AEC/SD/C	MVJ22A60X3	Ability Enhancement Course/Skill Development Course V	Yes	Yes	Yes	Yes	Yes
8	MC	MVJ22NS68	National Service Scheme (NSS)	Yes	Yes	Yes	Yes	Yes
		MVJ22PE68	Physical Education (PE) (Sports and Athletics)	Yes	Yes	Yes	Yes	Yes
		MVJ22YO68	Yoga	Yes	Yes	Yes	Yes	Yes

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Participants (29): MVJ Colleg..., Dr Kiran Ba..., KUMAR R, 2640 423..., Anita Mitha..., ANUSHA S, Champa H N, Dr M Brindha, Geetha Jab..., kalyani karn..., kavitha

Thimmarayaswamy.Krishnappa: <https://mu.microchip.com/>

Finally, the meeting was concluded with vote of thanks by Prof. Kumar R, HoD, Dept of ISE, MVJCE.