

# **SNJB'S Late Sau. Kantabai Bhavarlalji Jain**

## **College of Engineering**

(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

Shri Neminath Jain Brahmacharyashram (SNJB) (Jain Gurukul)

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ESTD - 1928



# **SNJB**

**Department of Applied Science & Humanities**

## **Board of Study (BoS)**

**Meeting - 02 (41BoSSH02)**

**Meeting Date:** 07/07/2024

**Meeting Time:** 2:00 Pm

**Venue:** Online Zoom Platform

### Zoom meeting details-

SNJB's KBJ COE is inviting you to a scheduled Zoom meeting.

Topic: FE BOS meeting for AEC, BSC, CCC

Time: July 07, 2024 2:00 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us05web.zoom.us/j/82365248040?pwd=M5ValbqTgxca23VMO4vYUNsyMkdllh.1>

Meeting ID: 82365248040

### Present Members:

SN	Name	Designation	Institute	Sign/Remark
1	Mr Chavan Sunil B	BOS	SNJB'S COE.	
2	Dr.Kiran Dalvi	Associate Professor	Government COE,Pune.	Online Zoom
3	Mrs Dhake D.S.	Assistant Professor	SNJB'S COE.	Online Zoom
4	Mrs.Pawar A.D.	Assistant Professor	SNJB'S COE.	Online Zoom
5	Mrs Rayate S. J.	Assistant Professor	SNJB'S COE.	Online Zoom
6	Mr Shinde R.V.	Assistant Professor	SNJB'S COE.	Online Zoom
7	Mrs. Pawar D R	Assistant Professor	SNJB'S COE.	Online Zoom

SN	Name	Designation	Institute	Sign/Remark
8	Mrs. Pagar P.R.	Assistant Professor	SNJB'S COE.	Online Zoom

**Absent Members:**




SN	Name	Designation	Institute	Remark
1				
2				
3				
4				




## Present Members: (In case of Online Screenshot of Present Members)



2:07 45.0 KB/s VoB 5G 78%




Close Participants (9)




Search




 Deepali Pawar (me)  




 Sunil Chavan (Host)  



 ASHA PAWAR 



 Kiran Dalvi  

 Dipali Dhake  

 Pallavi pagar  

 RAYATE SNEHAPRABHA  

 Rahul Shinde SNJB COE 




 Asha Pawar 




Invite




3:01 29.0 KB/s VoB 4G 65%




Close Participants (9)




Search




 Deepali Pawar (me)  




 Sunil Chavan (Host)  



 Kiran Dalvi  



 Asha Pawar  

 Dipali Dhake  

 Pallavi pagar  


 RAYATE SNEHAPRABHA  

 ASHA PAWAR 

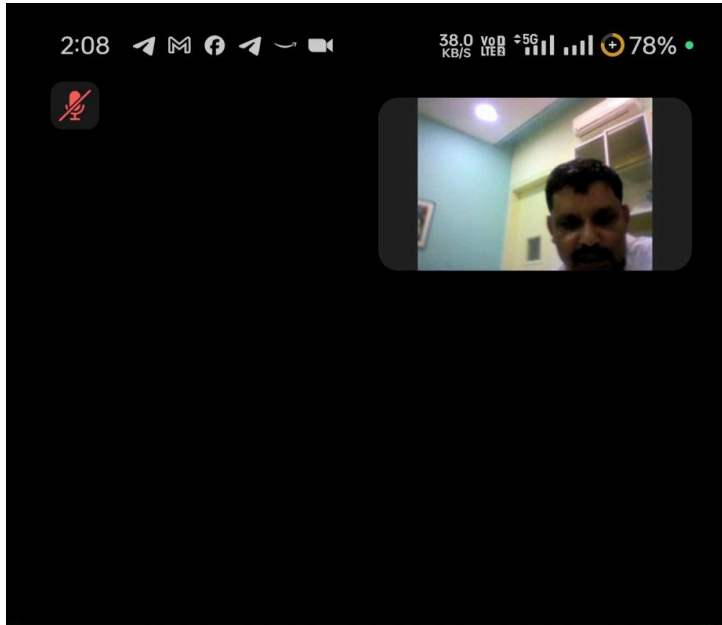
 Rahul Shinde SNJB COE 

Invite

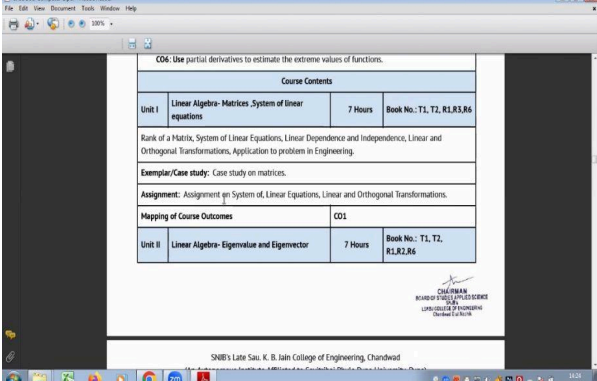
## Glimpse of meeting-



2:24 55.0 KB/S 4G+ 74%



2:08 38.0 KB/S 5G 78%



CO6: Use partial derivatives to estimate the extreme values of functions.

Unit I Linear Algebra- Matrices, System of linear equations 7 Hours Book No.: T1, T2, R1,R3,R6

Rank of a Matrix, System of Linear Equations, Linear Dependence and Independence, Linear and Orthogonal Transformations, Application to problem in Engineering.

Exemplar/Case study: Case study on matrices.

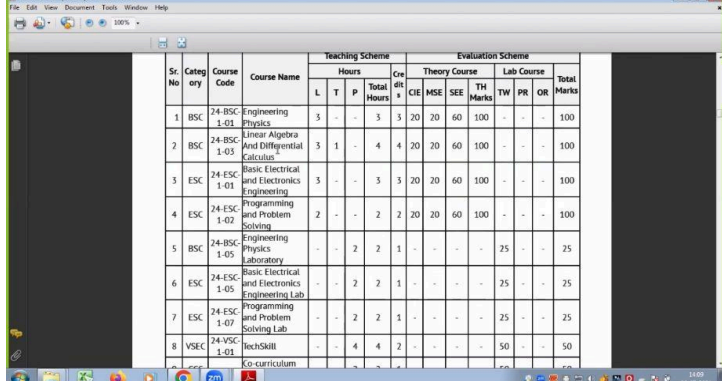
Assignment: Assignment on System of Linear Equations, Linear and Orthogonal Transformations.

Mapping of Course Outcomes CO1

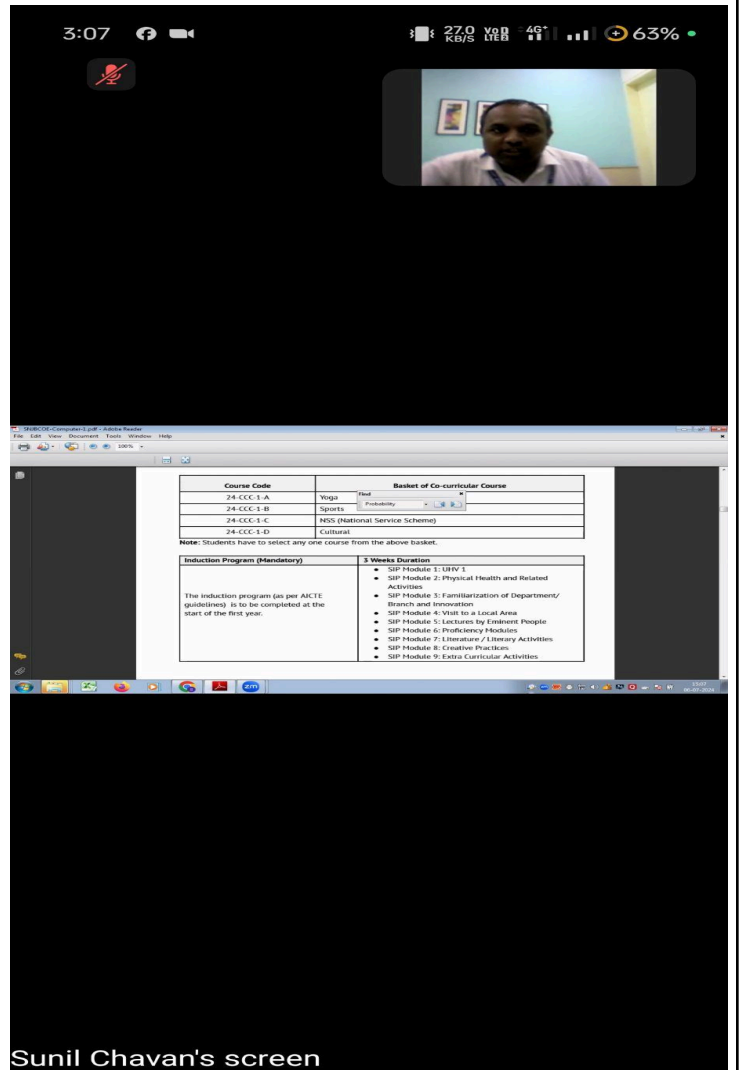
Unit II Linear Algebra- Eigenvalue and Eigenvector 7 Hours Book No.: T1, T2, R1,R2,R6

CHAIRMAN  
BOARD OF STUDIES, UNIVERSITY OF APPLIED SCIENCES  
Lafayette College, New Jersey  
October 1, 2018

SNB's Late Sau. K. B. Jain College of Engineering, Chandwad



Sr. No.	Category	Course Code	Course Name	Teaching Scheme			Evaluation Scheme					Total Marks	
				L	T	P	Theory Course	Lab Course					
1	BSC	24-BSC-1-01	Engineering Physics	3	-	3	3	20	60	100	-	-	100
2	BSC	24-BSC-1-03	Linear Algebra And Differential Calculus	3	1	4	4	20	60	100	-	-	100
3	ESC	24-ESC-1-01	Basic Electrical and Electronics Engineering	3	-	3	3	20	60	100	-	-	100
4	ESC	24-ESC-1-02	Programming and Problem Solving	2	-	2	2	20	60	100	-	-	100
5	BSC	24-BSC-1-05	Engineering Physics Laboratory	-	-	2	2	1	-	-	25	-	25
6	ESC	24-ESC-1-05	Basic Electrical and Electronics Engineering Lab	-	-	2	2	1	-	-	25	-	25
7	ESC	24-ESC-1-07	Programming and Problem Solving Lab	-	-	2	2	1	-	-	25	-	25
8	VSEC	24-VSEC-1-01	TechSkill Co-curriculum	-	-	4	4	2	-	-	50	-	50



Sunil Chavan's screen

Agenda	
41BoSSH02.01	To welcome and introduce All Members, also the purpose of the meeting to Discuss F.Y. B. Tech Autonomy Structure & curriculum of Semester 1 & Semester 2 for next Academic Year 2024-25
41BoSSH02.02	Course discussion on Engineering Physics
41BoSSH02.03	Course discussion on Engineering Chemistry
41BoSSH02.04	Course discussion on Engineering Linear Algebra & Differential Calculus & Statistics Probability and Integral Calculus
41BoSSH02.05	Course discussion on Indian Knowledge System.
41BoSSH02.06	Course discussion on Professional Communication Skills
41BoSSH02.07	Course discussion on Co-Curriculum Course with Bucket List
41BoSSH02.08	To Any other point
41BoSSH02.09	Conclusion of Meeting

**Detailed discussion and resolution is as follows:**

41BoSSH02.01: To welcome and introduce All Members, also the purpose of the meeting to Discuss F.Y. B. Tech Autonomy Structure & curriculum of Semester 1 & Semester 2 for next Academic Year 2024-25	
<b>Discussion</b>	<p><b>Introduction of Autonomy Structure:</b> The introduction of an autonomy structure for the F.Y. B. Tech program signifies a shift towards a more student-centric approach to learning &amp; Holistic Development of Students .</p> <p><b>Curriculum Design</b> for Semester 1 &amp; Semester 2: Members are invited to provide insights into the design of the curriculum for Semester 1 &amp; Semester 2. This includes the identification of core subjects, elective courses, and practical components for Focusing on the development of critical thinking, problem-solving, creativity, and other soft skills along with technical skills.</p>
<b>Resolution</b>	Based on suggestions of all Respected Dr. Kiran Dalvi we aim to ensure that the F.Y. B. Tech Autonomy Structure & Curriculum for the Academic Year 2024-25 ,The proposed curriculum for the first two semesters under NEP 2020 aims to lay a strong foundation in core Branches Basic Engineering Subjects while also integrating interdisciplinary learning, practical experience, and skill development.
41BoSSH02.02: Course discussion on Engineering Physics	
<b>Discussion</b>	<ul style="list-style-type: none"><li>• Engineering Physics syllabus draft presented in BOS meeting for syllabus finalization &amp; Submission .</li><li>• As per suggestions CO should be Generalized not Topicwise</li></ul>



<b>Resolution</b>	<ul style="list-style-type: none"> <li>• No Suggestions from BOS Dr. Kiran Dalvi &amp; Syllabus Accepted &amp; Will Implement with Effect From 2024-25</li> <li>• As per the suggestion provided by BOS members during the meeting some topics are added in the syllabus as per applications , All CO's are changed and made Generalized as per suggestions and get verified by the Academic Council of college for better improvement in Mapping with Po's</li> </ul>
<b>41BoSSH01.03:</b> Course discussion on Engineering Chemistry	
<b>Discussion</b>	<ul style="list-style-type: none"> <li>• Engineering Chemistry syllabus draft presented in BOS meeting for syllabus finalization &amp; Submission .</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>• No Suggestions from BOS Dr. Kiran Dalvi &amp; Syllabus Accepted &amp; Will Implement with Effect From 2024-25</li> </ul>
<b>41BoSSH01.04:</b> Course discussion on Engineering Linear Algebra & Differential Calculus & Statistics Probability and Integral Calculus.	
<b>Discussion</b>	<ul style="list-style-type: none"> <li>• Linear Algebra &amp; Differential Calculus &amp; Statistics Probability and Integral Calculus syllabus draft presented in BOS meeting for syllabus finalization, so BOS members suggested Good topics &amp; Differentiations word added in the syllabus &amp; Syllabus must have applications based point of view.</li> <li>• As per suggestions CO should be Generalized not Topicwise</li> <li>• More Focus and solve more numericals in tutorial slots &amp; conduct Tutorial Regularly .</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>• As per the suggestion provided by BOS members during the meeting some topics are added in the syllabus as per applications , All CO's are changed and made Generalized as per suggestions and get verified by the Academic Council of college.</li> </ul>

	<ul style="list-style-type: none"> <li>• This tutorial structure aims to provide a comprehensive and engaging learning experience for students, ensuring problems are varied to cover different aspects of the topic, including those on a regular basis, Conduct assessments or quizzes during tutorial slots to gauge student understanding and identify areas needing further study.</li> <li>• Bos Confirmed this point on Academic Council Meeting</li> </ul>
<b>41BoSSH01.05: Course discussion on Indian Knowledge System</b>	
<b>Discussion</b>	<ul style="list-style-type: none"> <li>• The purpose of the meeting was repeated : to discuss and finalize the syllabus for the Indian Knowledge System.</li> <li>• The syllabus aimed to cover various aspects of Indian Knowledge systems including philosophy, Trading, science, Mathematics, Astronomy, and governance.</li> <li>• Suggestions related to form a working group to develop teaching materials and methodologies aligned with the finalized syllabus &amp; Teacher must be senior Faculty Members</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>• The meeting was convened to discuss and finalize the syllabus for the Indian Knowledge System (IKS) for inclusion in the engineering curriculum.</li> <li>• The aim is to integrate various aspects of Indian Knowledge Systems, including philosophy, trading, science, mathematics, astronomy, and governance.</li> <li>• A working group will be formed to develop teaching materials and methodologies aligned with the finalized syllabus.</li> <li>• The group will consist of experts in each subject area to ensure comprehensive and accurate content &amp; Senior Faculty from the Department or College</li> </ul>
<b>41BoSSH01.06: Course discussion on Professional Communication Skills</b>	

<b>Discussion</b>	According to expert Content of the syllabus is Good only we need to focus assesment and execution part of the course because it contains Term work.
<b>Resolution</b>	We have added case studies for more understanding of the subject & Course Evaluation Process
<b>41BoSSH01.07:</b> Course discussion on Co-Curriculum Course with Bucket List	
<b>Discussion</b>	<ul style="list-style-type: none"> <li>● Discussion Based on bucket list provided by Academic Council.</li> <li>● BOS members raised questions about rubrics and evaluation schemes.</li> <li>● How will you conduct a yoga session based on students' strength?</li> <li>● For NSS which activities we have planned?</li> <li>● Which activities are there under cultural?</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>● We have provided bucket list for CCC as follows: 1.Yoga 2.Sports 3.NSS 4.Cultural.</li> <li>● We have discussed the rubrics scheme as planned according to guidelines given by the Academic Council.</li> <li>● Examination scheme will be followed by the exam department for physical examination &amp; Examine Students.</li> <li>● Will conduct regular activities like Campus cleaning, Tree plantation, Watering , Blood Donation Camp &amp; Visit to adopted villages etc.</li> <li>● Attendees were encouraged to continue their collaboration in ensuring the successful implementation of the CCC.</li> </ul>
<b>41BoSSH01.08:</b> To Any other point	
<b>Discussion</b>	<ul style="list-style-type: none"> <li>● Under NEP 2020, the Continuous and Comprehensive Evaluation (CCE) process has been adapted to include a more holistic and integrated approach to student assessment, focusing on both academic and non-academic areas.</li> <li>● As per the Guidelines by BOS Dr. Kiran Dalavi Sir , related to assign the reference book &amp; Syllabus Book Unitwise</li> </ul>

<b>Resolution</b>	<ul style="list-style-type: none"> <li>• The Continuous and Comprehensive Evaluation (CCE) under NEP 2020 includes various strategies to assess both academic and non-academic areas of student growth and that can be implemented</li> <li>• As per the Guidelines by BOS Dr. Kiran Dalavi Sir , related to assign the reference book &amp; Syllabus Book Unitwise must be implement</li> </ul>
<b>41BoSSH01.09: Conclusion of Meeting</b>	
<b>Discussion</b>	<ul style="list-style-type: none"> <li>• Today's meeting aims to collaboratively develop a robust and forward-thinking curriculum for the F.Y. B. Tech program. By leveraging the expertise and insights of all members</li> <li>• We look forward to a fruitful discussion and a consensus on the best path forward for the academic year 2024-25. Thank you for your dedication and contributions to this important initiative.</li> </ul>
<b>Resolution</b>	<ul style="list-style-type: none"> <li>• With this structure, the meeting can effectively address all necessary points and ensure that the curriculum and autonomy structure are well-planned and aligned with educational goals.</li> </ul>

**Member Secretary**  
Sign & Stamp

**Chairman**  
Sign & Stamp