



# NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

## DEPARTMENT OF MECHANICAL ENGINEERING

### BOS-MINUTES OF MEETING

(1<sup>st</sup> Year Scheme and Syllabus-Mechanical)

DATE : 28<sup>th</sup> November 2022

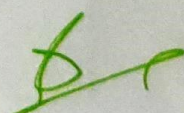
VENUE : Industry 4.0 Lab(Blended Mode)

Time : 3:00 pm

  
Chairman BOS (ME Board)  
Department of Mechanical Engineering  
New Horizon College of Engineering (Autonomous)  
Bengaluru - 560 103.

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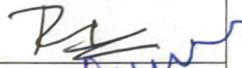



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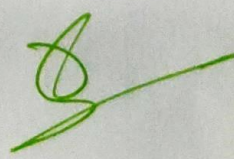


## AGENDA FOR THE MEETING

**Agenda** - Deliberation on First year Scheme (Mechanical) and syllabus of CAED, Robotics and Automation, Basic Mechanical Engineering.

### LIST OF MEMBERS PRESENT

Sl. No.	Nomination of the committee	Name of the person	Affiliated To	Signature
1.	Chairperson	Dr. Shridhar Kurse	Head of the Department, NHCE, Bangalore	
2.	Experts from outside the college nominated by VTU	Dr. Ranga Vittal	Professor, Mechanical Engineering Dept. BMSCE	ONLINE
3.	BOS Coordinator and Member	Dr. Sudarshan T A	NHCE, Bangalore	
4.	Member	Mr. Rakesh .C	NHCE, Bangalore	
5.	Course Coordinator and Member	Dr. Nagabhushan	NHCE, Bangalore	
7.	Course Coordinator and Member	Mr. Raghu Tilak Reddy	NHCE, Bangalore	
8.	Course Coordinator and Member	Dr. Ashok Kumar	NHCE, Bangalore	



## WELCOME ADDRESS BY THE CHAIRMAN OF BOS

### *Minutes*

The Board of Studies meeting for Department of Mechanical engineering was scheduled on 28-11-2022 at 3.00 PM in Industry 4.0 Lab, NHCE.

At the outset, Chairperson Dr. Shridhar Kurse – Professor & Head – Department of Mechanical Engineering, welcomed the Members for attending the Board of studies meeting held in Industry 4.0 Lab via blended(online/offline) mode.

The chairperson expressed special thanks to Dr. Ranga Vittal, Professor, Mechanical Engineering Department, BMSCE for sparing the time from their busy schedule to give inputs for designing mechanical Engineering First year syllabus.

### AGENDA

#### TITLE

Deliberation on First year Scheme (Mechanical) and syllabus of CAED, Robotics and Automation, Basic Mechanical Engineering.

Discussion on First year Mechanical Scheme and syllabus was deliberated by Dr. Shridhar Kurse.

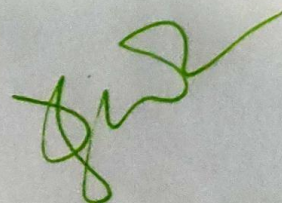
This agenda was unanimously approved by the members with few suggestions/ recommendations

### VOTE OF THANKS BY THE CHAIRMAN OF BOS

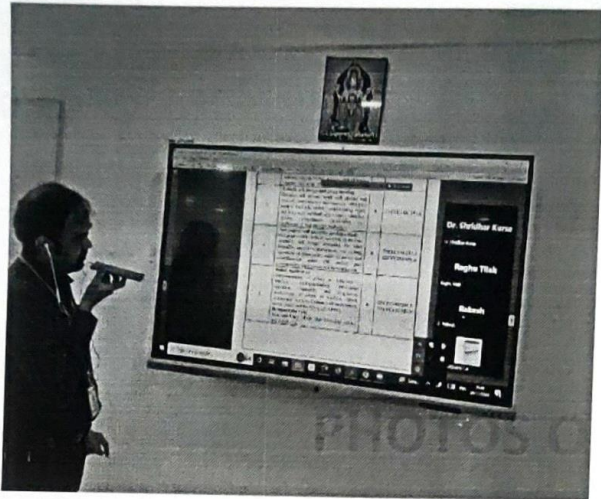
The Chairman – BOS, Dr. Shridhar Kurse thanked the Experts from outside the college nominated by VTU for their fruitful participation on behalf of the Principal and the Management. He also thanked all the other members of the BOS and course coordinators for their active participation.

## **RECOMMENDATIONS / SUGGESTIONS OF BOS MEMBERS**

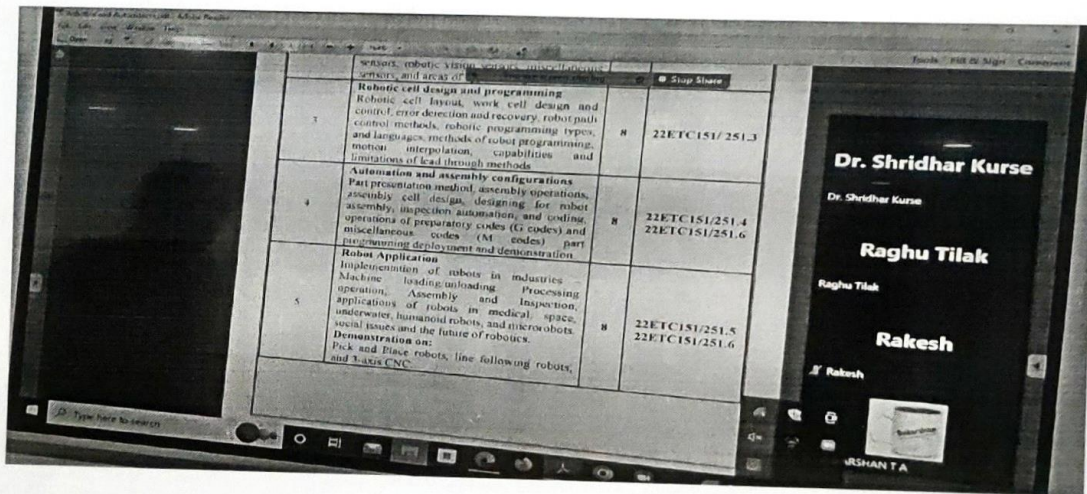
- ❖ For Emerging Technology Course, the code in the scheme should be ETC15X/ETC25X
- ❖ For Engineering science Course, the code in the scheme should be ESC15X//ESC25X
- ❖ Mechanical should be core not under ESC category for mechanical students, the code can be EME and remove from elective list
- ❖ Be specific on number of solids to be drafted in isometric – For paper setter convenience
- ❖ Take 10 to 15 Machine components for orthographic projections in order to demonstrate for 3D modelling (Module-3 CAED)
- ❖ Refrain the CO/ PO of CAED, it need not be module wise
- ❖ Reframe the word- acquaint; change CO words- in robotics and Automation
- ❖ Before G-code and M-code, some part of CNC, introduction can be added (Module 4 in R&A.)
- ❖ Add text book related to G code /M code, Module -4 can be completely related to CNC.
- ❖ Text book can be module wise in EME, in reference NPTEL links can be added
- ❖ Current context of future of robotics can be discussed and text book can be written by the subject experts.
- ❖ Additive manufacturing can be added if cell design can be removed in robotics and automation.
- ❖ Encourage students to take up MOOC courses in early semester, from 1<sup>st</sup> SEM onwards



# PHOTOS OF BOS



Close	Participants (7)	
	SUDARSHAN T A (me)	
	SUDARSHAN T A (Host)	
	Dr. Shridhar Kurse	
	Ranga Vittal Hebbani Krishna...	
	RAVIKUMAR M	
	NBN Designs	
	Raghu Tilak	



*[Handwritten signature in green ink]*