VIDYA PRATISHTHAN'S KAMALNAYAN BAJAJ INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING (NBA Accredited)

Minutes of BOS Meeting

Date: 09/08/2024

Minutes of the 3rd **BOS Mechanical Engineering** Meeting of BOS Members held on 09/08/2024 at 11.00 am (Online Mode / BFL Conference Hall).

Online meet link: - https://meet.google.com/wwc-kggz-jqc

Agenda:

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1. F. Y. Curriculum Modification
2. S. Y. B. Tech Curriculum & Syllabus
3. Multidisciplinary Minor, Open Elective, Double Minor & Honor of Mechanical Engineering
4. Proposed Curriculum of T.Y. & B. Tech Mechanical Engineering
5. M. Tech Curriculum
6. Mechanical Students – Equivalence Courses for year down students from SPPU curriculum

Following BOS Members were present in the meeting: -

Sr. No.	Name of Attendees	Designation	Sign
1.	Dr. M. S. Lande	Chairman of BOS & Head of Mechanical Engineering Department VPKBIET, Baramati	
2.	Dr. N. K. Chougule	Member BOS, HOD Mechanical Engg, at COEP Technological University, Pune	Online Present
3.	Dr. A. V. Muley	Member BOS, Associate Professor, at COEP Technological University, Pune	Online Present
4.	Dr. Narendra Deore	Member BOS, Nominee from SPPU, Pune	Online Present
5.	Dr. Dinesh Washimkar	Member BOS, Professor Mechanical Engg VIIT, Pune	Online Present
6.	Mr. Sunil Chore	Industry / Corporate Sector Allied Areas	Online Present

7.	Mr. Nikhil More	Member, Meritorious Alumnus	Online Present
8.	Mr. Viraj Jamdar	Member, Meritorious Alumnus	Online Present
9.	Dr. S. M. Bhosle	Dean Academic, VPKBIET Baramati & Member BOS Mechanical Engineering Department VPKBIET, Baramati	
10.	Dr. P. R. Chitragar	BOS Member, Mechanical Engineering, VPKBIET, Baramati	
11.	Dr. A. H. Kolekar		
12.	Dr. V. C. Todkari		
13.	Mr. P. D. Kale		
14.	Mr. S. V. Shelge		
15.	Mr. V. B. Bhagwat		Online Present
16.	Mr. D. D. Rupanwar		
17.	Mr. H. P. Borate		
18.	Mr. K. M. Jadhav		Online Present
19.	Ms. M. S. Yadav		
20.	Mr. S. H. Kumbhar		
21.	Mr. D. S. Bhosale		
22.	Ms. S. S. Khot		
23.	Mr. S. C. Mahadik	Member Secretary, Mechanical Engineering, VPKBIET, Baramati	

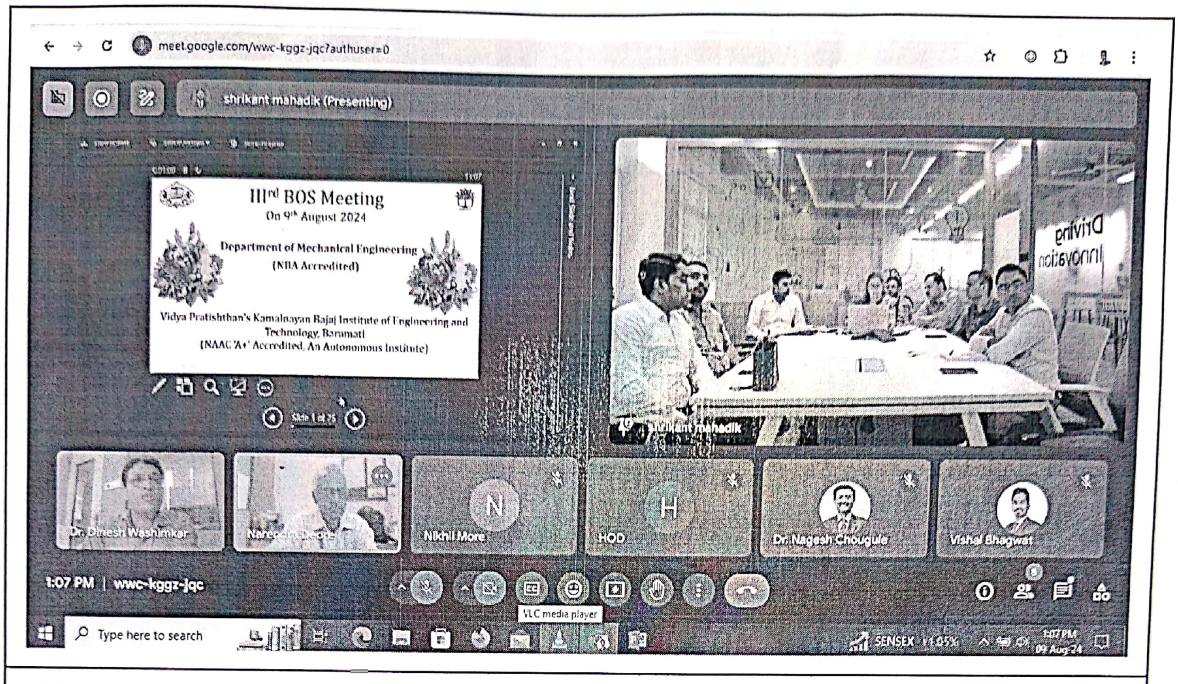
In the BOS meeting following points were discussed:

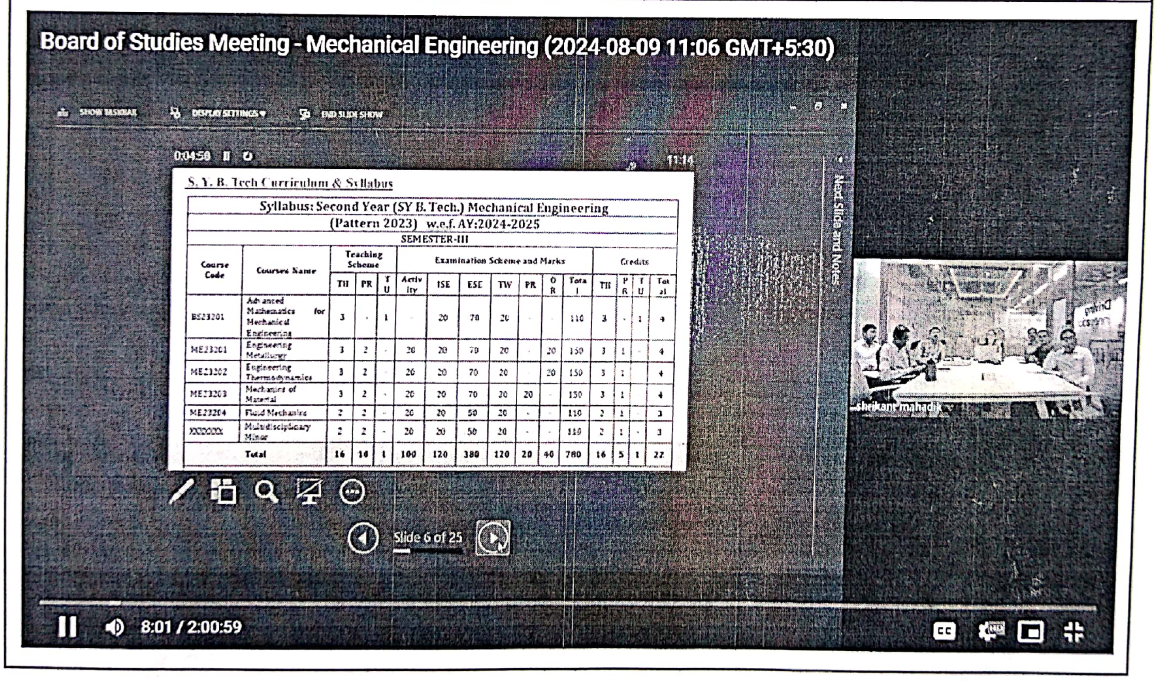
1. Electives can be defined as Program Core Elective / Professional Elective.
2. Course objectives can be defined as maximum up to 4.
3. Course outcome should be maximum up to 6.

4. Latest reference & text book should be added for all subjects (maximum 4 for each).
5. For Engineering Thermodynamics, Fundamentals of Engineering Thermodynamics by Shapiro book can be added.
6. In Engineering Thermodynamics, in activity instead of mini project it should be case study.
7. In Engineering Thermodynamics the number of experiments to be performed should be mentioned.
8. In Mechanics of Material isotropic, orthotropic material property & its analysis related topics should be added in the syllabus.
9. Engineering Thermodynamics, Mechanics of Material & Fluid Mechanics are coming in the same semester leading to heavy burden on students as passing & exam point of view.
10. Fluid Mechanics introductory part, properties of fluid should be taken initially, instead of directly starting with dimensional analysis part.
11. Dimensional analysis should be taken in the last units of the syllabus.
12. Promote students to use different advanced simulation software's from SY B. Tech level.
13. From Manufacturing Practice, remove lab practical on additive manufacturing.
14. For Design of Machine Elements and Turbomachinery subject, course outcomes should be as per bloom taxonomy level.
15. For Design of Machine Elements teaching hours can be reduced if possible.
16. For all courses course outcomes should be as per bloom's taxonomy level.
17. Examinations heads are more and rethink on it.
18. For Examination paper, a uniform template will be followed for all courses.
19. Subjects are heavy in SY, can we introduce basket in Program Elective.
20. For TY & B. Tech Program Electives should be offered a basket as per specialization (Design / Manufacturing / Thermal).
21. Biomass, Renewable Energy, Agriculture Waste Management can be added as open electives courses./ department Electives.

Link for recorded meeting: -

https://drive.google.com/file/d/1HBVrquc5a4uhXeFxciXQClgkTgWMOeDo/view?usp=drive_link





Course Code	Courses Name	Teaching Scheme			Examination Scheme and Marks						Credits			
		TH	PR	TU	Activity	ISE	ESE	TW	PR	OR	Total	TH	PR	TU	Total
BS23201	Advanced Mathematics for Mechanical Engineering	3	-	1		20	70	20			110	3	-	1	4
ME23201	Engineering Metallurgy	3	2	-	20	20	70	20		20	150	3	1	-	4
ME23202	Engineering Thermodynamics	3	2	-	20	20	70	20		20	150	3	1	-	4
ME23203	Mechanics of Material	3	2	-	20	20	70	20	20	-	150	3	1	-	4
ME23204	Fluid Mechanics	2	2	-	20	20	50	20	-	-	110	2	1	-	3
XXXXXX	Multidisciplinary Minor	2	2	-	20	20	50	20	-	-	110	2	1	-	3
	Total	16	10	1	100	120	380	120	20	40	780	16	5	1	22

Dr. M. S. Lande

BOS Chairman & HoD
Mechanical Engineering
VPKBIET, Baramati

Head
Department of Mechanical Engineering
VPKBIET Baramati - 413133

Dr. R. S. Bichkar

Principal
VPKBIET, Baramati

VPKBIET BARAMATI
Affiliated to S.P.P.U: Pune Id No./PU/PN/Engg./152/2000
PUNE (MS.)