

"Education through Self – Help is our motto" - KARMAVEER



Rayat Shikshan Sanstha's

**Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
(Autonomous)**

Board of Studies in Physics

Date: 10/07/2023

Second meeting of BOS in Physics for the academic year 2023-24 is scheduled on 15th July 2023 at 11.00 a.m. by meeting chairman Mr. Y. A. Pathak. All the BOS members are invited for the meeting at Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.

Venue: Hybrid mode at Department of Physics.

Agenda of the BOS meeting

1. Welcome
2. To read and uphold the minutes of the previous BOS meeting held on 27th April 2023.
3. From the academic year 2023-24 onwards as per NEP 2020 designed draft credit structure and curriculum of B.Sc.-I submitted to the Board of Studies for consideration and sanction.
4. From the academic year 2023-24 onwards as per NEP 2020 designed draft credit structure and curriculum of M.Sc.-I submitted to the Board of Studies for consideration and sanction.
5. Any other subject by the permission of honorable President.
6. Vote of thanks.

Mr. Y. A. Pathak


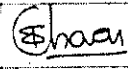


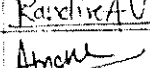
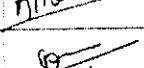
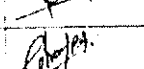


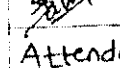
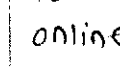
Chairman, BOS in Physics

Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur


**Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
Board of Studies in Physics
MINUTES OF THE MEETING**

Date: 15/07/2023

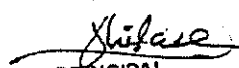
The meeting of BOS in Physics was held on 15th July 2023. Following members were present.

Sr. No.	Category	Name of the Faculty	Designation	Specialization	Signature
1	Head of the Dept. Concerned	Mr. Y. A. Pathak	Chairman	Instrumentation	
2	The entire faculty of each specialization	Dr. S. G. Chavan	Member	Materials Science	
3		Mr. D. P. Shinde	Member	Materials Science	
4		Mr. V. D. Khulpe	Member	Spectroscopy	
5		Mr. A. U. Randive	Member	Applied Electronics	
6		Miss. A. T. Mane	Member	Material Science	
7		Miss. P. V. Jadhav	Member	Material Science	
8		Mr. P. A. Ghadage	Member	Applied Electronics	
9		Mr. P. S. Pise	Member	Modern Optics	
10		Mr. A. U. Kokare	Member	Instrumentation	
11		Miss. S. B. Balwant	Member	Solid State Physics	
12	Two subject experts from outside the Parent University to be nominated by the Academic Council	i) Dr. R. C. Kamble	Subject Expert	Materials Science	Attended online
13		ii) Dr. N. L. Farwal	Subject Expert	Solid State Physics	Attended online
14	One expert to be nominated by the Vice-Chancellor from Panel of Six recommended by College Principal	Prof. Dr. T. R. Mane	Expert nominated by V.C.	Solid State Physics	Attended online

15	One representative from corporate sector	Dr. N. G. Deshpande	Representative from corporate sector	Solid state Physics	Attended online
16	One representative from Industry	Dr. R. V. Dhekale	Representative from industry	Electronics	Absent
17	One P.G. Meritorious alumnus	Dr. A. A. Yadav	Meritorious alumnus	Solid State Physics	Attended online
18	Other members of Staff of the same faculty	Dr. A. B. Kambale	Other member of staff of the same faculty	Zoology	Present
19		Dr. A. E. Chopade	Other member of staff of the same faculty	Organic Chemistry	Present


Chairman
BOS in Physics




PRINCIPAL,
KARMAVEER BHAURAO PATIL
MAHAVIDYALAYA, PANDHARPUR

Following resolutions are unanimously made

1. The minutes of previous BOS meeting held on 27th April 2023 and the action taken on the suggestions of the members were read in front of BOS.
2. Draft syllabus and credit framework for **B.Sc-I as per NEP 2020, 20th April 2023 guidelines** (Major, Minor, VSC/SEC, OE/GE, IKS, OJT etc.) is discussed and approved with some corrections. The corrected copy of the draft syllabus of B.Sc-I NEP 2020 is attached herewith. This syllabus is recommended for further consideration.
3. Draft syllabus and credit framework for **M.Sc-I as per NEP 2020, 16th May 2023 guidelines** (Mandatory Major, Elective Major, Research project, etc.) is discussed and approved with minor corrections. The corrected copy of the draft syllabus of M.Sc-I NEP 2020 is attached herewith. This syllabus is recommended for further consideration.

4. Evaluation pattern of the college is noted.
5. Nature of question paper given by the college is noted.

Mr. Y. A. Pathak

[Chairman, BOS in Physics]

Mr. Y. A. Pathak [Chairman, BOS in Physics] extended welcome to all the members of BOS.

Reading of Agenda:

Motion from Mr. Y. A. Pathak: To approve the agenda of BOS meeting to be held on **15th July 2023**.

Vote: All in favour.

Resolved: Motion carried.

Agenda of BOS meeting to be held on **15th July 2023** approved without notification.

Business:

Motion 1: Presentation of B.Sc.-I NEP 2020 curriculum

Discussion:

Semester-I

- Mr. Y. A. Pathak presented the prepared credit framework for three/four year Honours degree as per the guidelines of NEP 2020 (20th April 2023 Govt.GR.) and basket of Physics for B.Sc.I.
- Then all the members of the BOS read the credit framework carefully and put their suggestions one by one.
- **Dr. R. C. Kambale** raised query related to credit structure which is resolved and justified by **Dr. A. A. Yadav** and **Dr. A. U. Chopade**.
- **Dr. R. C. Kambale** suggested in major course change the title of Electricity, Magnetism and Electronics as Electromagnetism and electronics. In Minor course title of both papers Fundamentals of Physics replaced by General Physics.
- **Dr. R. C. Kambale** suggested that, in Minor course paper II the syllabus content of unit I: Physics of Atom and unit II: Physics of Molecules is not feasible for level 4.5.

- **Dr. R. C. Kambale** and **Dr. A. A. Yadav** recommended that, for SEC/VSC/OJT do the MOU with relevant organization/ industry
- For Open Elective, Indian Knowledge System and practical courses, **Dr. R. C. Kambale**, **Dr. R. V. Dhekale** and **Dr. A. A. Yadav** noted that the syllabus is up to the mark.
- In remaining units, no change was required as per the discussion. Then the mode of discussion turned to Semester-II.

Semester-II

- In all units, no change was required as per the discussion.
- Then the mode of discussion turned to Presentation of M.Sc.-I NEP 2020 Syllabus.

Motion 2: Presentation of M.Sc.-I NEP 2020 Syllabus

Discussion:

M. Sc. I Semester-I and II

- **Dr. R. C. Kambale** highlighted that, as per the guidelines Major Elective Course should be of 4 credit.
- **Dr. R. C. Kambale** suggested that, add some experiments related to Nuclear Physics course and recommended that to take license copy of Mathematica software.
- **Dr. R. V. Dhekale** commented that in Lab I (1, 3, 4, 5, 6 & 8) in Lab II (7 & 9) these practicals should be justified.
- No change was required in all other units as per the discussion.

Vote: All in favour.

Resolved: Motion carried.


Motion 3: Evaluation Pattern.

Discussion:

- Evaluation pattern and nature of question paper was kept in front of the BOS committee. Discussion took place in detail and all the committee members approved the evaluation pattern.
- All motions are taking into consideration and recommended to take sanction of academic council.

Glimpses of BOS Meeting

BOS Meeting 11.07.2021
Department of Physics, KJ Somaiya Institute of Technology & Engineering




K. J. SOMAIYA INSTITUTE OF TECHNOLOGY & ENGINEERING
PANDHARPURE (A. NAGPUR DISTRICT)
DEPARTMENT OF PHYSICS

WELCOME

BOS Meeting for B.Sc. 1st SEM (TME) 2021

1. Prof. Dr. B. K. Kulkarni
 2. Prof. Dr. K. S. Kulkarni
 3. Mr. S. S. Chavan
 4. Mr. S. S. Chavan
 5. Mr. S. S. Chavan
 6. Prof. Dr. P. H. T. Kulkarni

Head of Department
 In-charge of PG
 In-charge of PG
 In-charge of PG
 In-charge of PG
 In-charge of PG



Dr. S. G. Chavan



Rahul Kambale

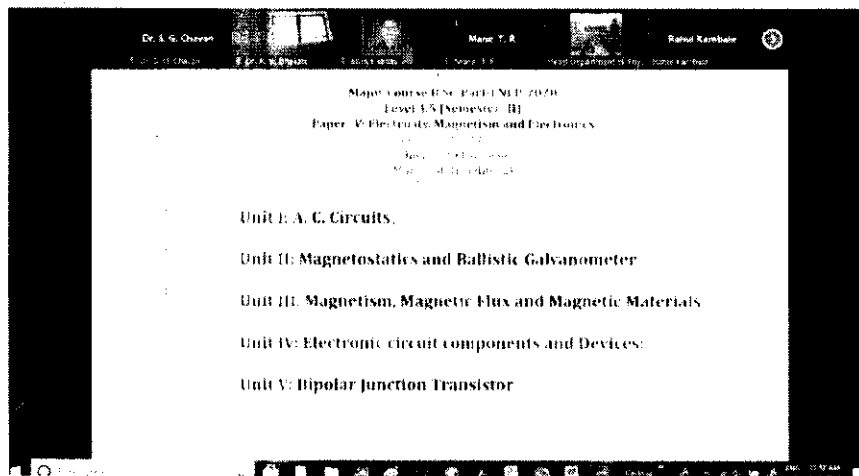
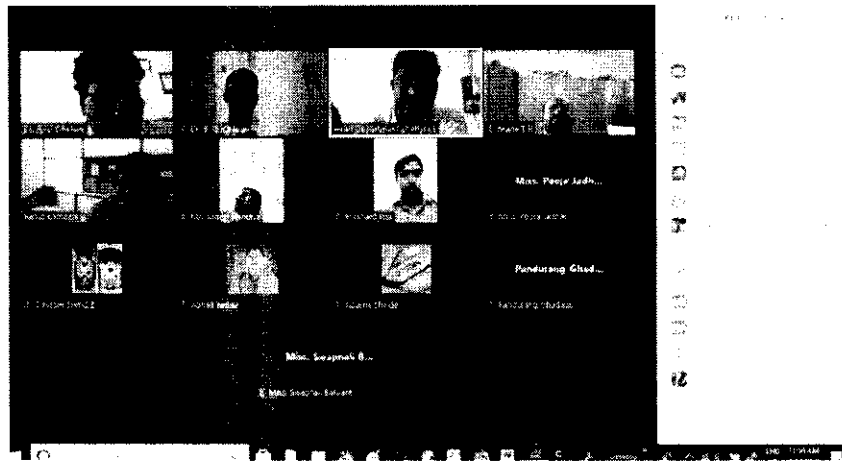
Credit Distribution Statement for B.Sc. 1st Semester (TME) 2021

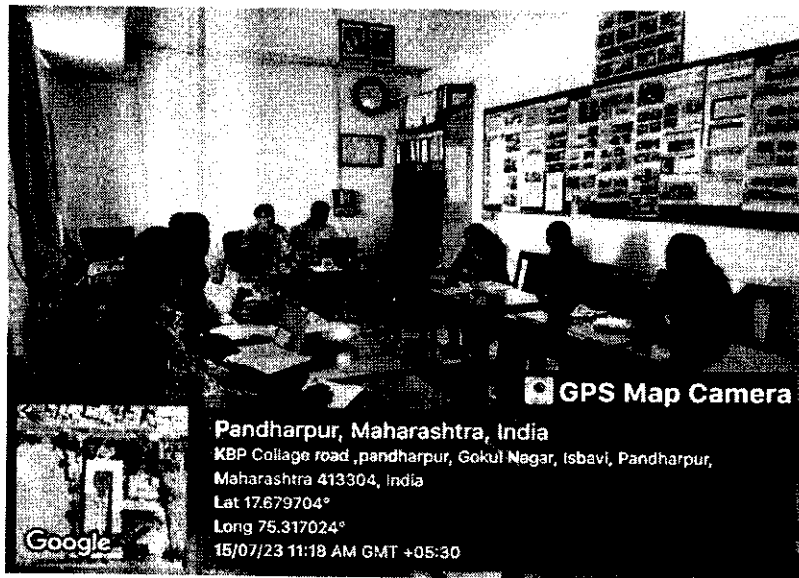
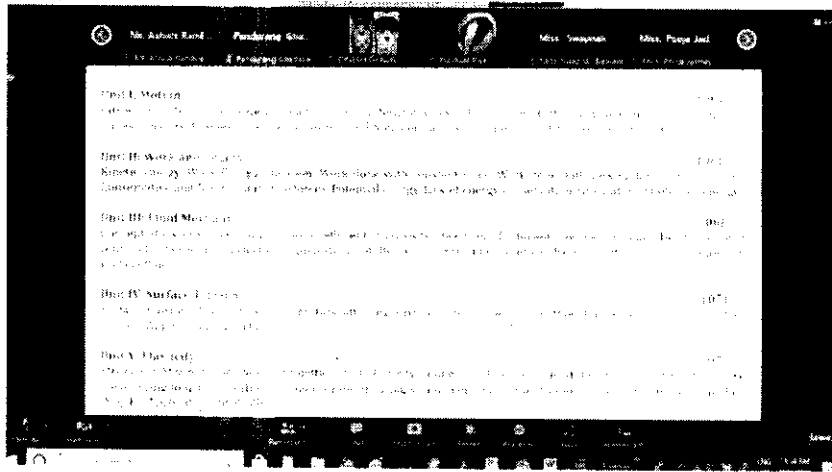
Level	Sem	Subject I		Subject II	Subject III	VOC	AI	VI	VII	VIII	Electives										Total						
		Major									Minor	Open	PHY		CHE		MATH		OTHER			IT	EP	ET	EE	RE	BM
		Mandatory	Elective										PHY	CHE	MATH	OTHER	IT	EP	ET	EE							
I	I																										
I	II																										
I	III																										
I	IV																										
I	V																										
I	VI																										
I	VII																										
I	VIII																										
Total		10	8	8	8	10	11																				75
Total		36	24	32	32	40	44																				172

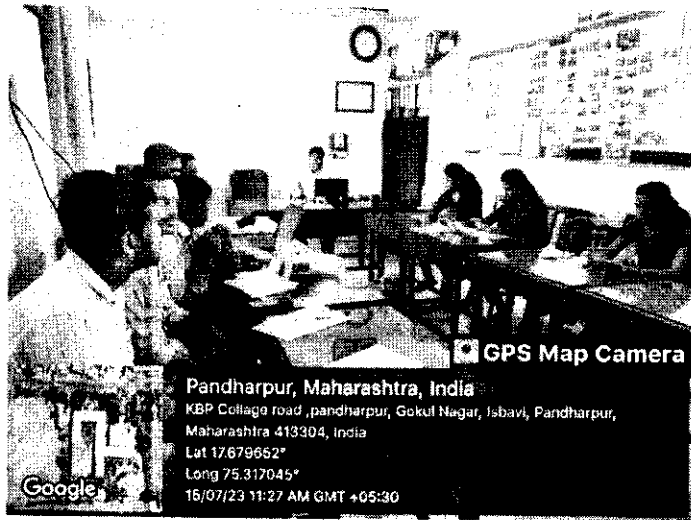
Dr. S. G. Chavan



Rahul Kambale







Pandharpur, Maharashtra, India

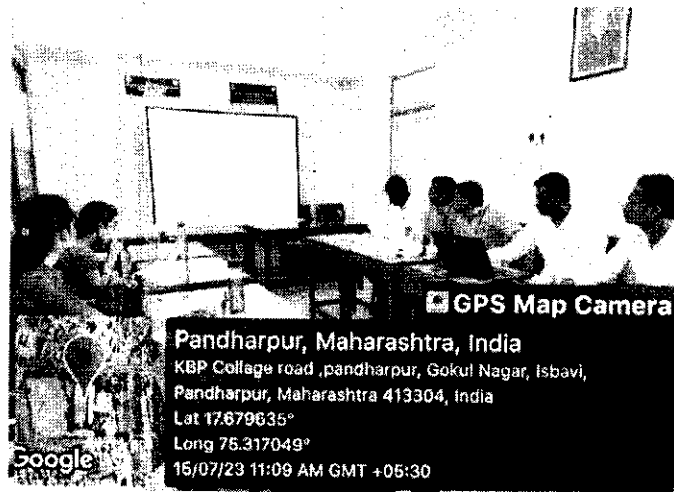
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Maharashtra 413304, India

Lat 17.679662°

Long 75.317045°

15/07/23 11:27 AM GMT +05:30

GPS Map Camera



Pandharpur, Maharashtra, India

KBP Collage road ,pandharpur, Gokul Nagar, Isbavi,
Pandharpur, Maharashtra 413304, India

Lat 17.679635°

Long 75.317049°

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