



Ref. No. MJAC/BOS-PHY-02/2020-21

Date 24/02/2020

**Agenda for Second meeting of Board of Studies in Physics and Electronics scheduled on 28<sup>th</sup> February 2020**  
at ~~01:00 am~~ <sup>02:00 pm</sup> in School of Physical Sciences

To,

Notice is hereby issued that, the second meeting of Board of Studies in Physics and Electronics, Moolji Jaitha College (Autonomous) will be held on Saturday, 28<sup>th</sup> February, 2020 at 02:00 pm. The venue for the meeting shall be School of Physical Sciences, M.J. College, Jalgaon. Following items shall be discussed in the meeting.

**Item No 1:** To read & confirm the minutes of previous meeting.

**Item No 2:** To read & discuss the Action Taken Report.

**Item No 3:** To prepare & approve the syllabus of S.Y. B.Sc. Physics and Electronics and M.Sc. II Physics.

**Item No 4:** Reviews & preparation of panel of exam for next examinations

**Item No 5:** Any other item with the permission of Chair.

You are cordially invited to attend the meeting.

**Dr. K. B. Mahajan**

Chairman

Board of Studies in Physics and  
Electronics

**Dr. S.N. Bharambe**

Principal

M.J. College

Knowledge is Power

## NOTIFICATION No. 5/2019/2

## Constitution of Board of Studies in Physics &amp; Electronics

The Constitution of Board of Studies in Physics & Electronics is needed, under the autonomous status granted to the College by UGC.

Therefore, I, Dr. U. D. Kulkarni, Principal, M. J. College, Jalgaon in exercise of power vested in me under section 122(3) of the Maharashtra Universities Act, 2016 do hereby constitute the Board of Studies in Physics & Electronics under the Faculty of Science & Technology.

The name and the Designation of the persons nominated are as given below.

Sr. No.	Composition	Name of The Teacher
1	Head of the Department Concerned (Chairman)	Dr. K B Mahajan
2	The Entire Faculty of each specialization.	Dr. V R Khadse, Dr. H B Gajre Dr. R R Attarde Mrs. Kavita S. Patil Mr. Premjit G. Jadhav Mrs. Bhavana A Manekar Shri. A J Chaudhari Shri. M N Lidhure Shri. K S Bonde Mrs. Pratibha R Nikam Dr. Vishal D. Bharud
3	Two subject experts from outside the Parent University to be nominated by the Academic Council.	Prof. Dr. M A More, Dept. of Physics, SPPU, Pune Prof. Dr. A D Shaligram, Dept. of Electronics, SPPU, Pune
4	One expert to be nominated by V-C from a panel of six recommended by the college principal.	Dr. Nitin M. Kulkarni, Dept. of Electronics, Fergusson college, Pune
5	One Representative from industry/corporate sector/allied area relating to placement.	Mr. Kishor D Dhake, Soyo Systems Pvt. Ltd. MIDC, Jalgaon
6	One postgraduate meritorious alumnus to be nominated by the principal. The Chairman, Board of Studies, may with the approval of the Principal of the college, co-opt: (a) Expert from outside the college whenever special courses of studies are to be formulated. (b) Other members of staff of the same faculty.	Mrunalini H. Phalak

The Board of Studies shall exercise the power and perform the duties as provided in the Guidelines for autonomous colleges issued by UGC, New Delhi on 19 Jan 2018. The Board of Studies shall meet at least twice a year.

The term of the office of the Members shall be up to Three years from the date of issue or until the superannuation of the members whichever is earlier.

Ref. No:-

Date :- 18/02/2020

Copy f.w.cs for information to :-

(1) The persons concerned. (2) All the Directors/Heads of the Schools/Departments. (3) P.A. to Principal. (4) The Registrar Office, MJC, Jalgaon. (5) Finance Officer, MJC, Jalgaon. (6) All the Heads of the MJC, Administrative Sections.

Copy f.w.cs for further necessary action :-

The Registrar, KBCNMU, Jalgaon

(Dr. S. N. Bharambe)

Principal, M. J. College, Jalgaon

Knowledge is Power



BOS-Meeting

28/02/2020

Secound meeting of Board of studies physics and Electronics, was held on 28th Feb 2020 (Friday) at 2.00 pm

The following member were present for the same meeting.

- 1) Dr. K. B. Mahajan
- 2) Dr. V. R. Khadse
- 3) Prof Dr. M. A. More.
- 4) Mr. Kishor D. Dhake
- 5) Mrs. Mrunalini H. phatak
- 6) Mr. S. P. Pawade
- 7) Mr. A. J. Chandhari
- 8) Mr. K. S. Bunde
- 9) Mr. H. B. Gajare
- 10) M. N. Lidare
- 11) R. R. Attarde
- 12) Kavita. P. Pahl
- 13) P. R. Nikam

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# K. C. E. Society's Moolji Jaitha College, Jalgaon- 425001

"An Autonomous College Affiliated to K.B.C. N.M.U. Jalgaon"

| NAAC Re-Accredited Grade "A" CGPA 3.15 |

| UGC Honoured "College of Excellence" |

Ref. No. :

Date: 28<sup>th</sup> February 2020

## Minutes

The Meeting of Board of Studies in Physics and Electronics under K.C.E. Society's Moolji Jaitha College (Autonomous), Jalgaon was held on 28<sup>th</sup> February 2020 at School of Physical Sciences at 02.00 pm.

The following members were present for the meeting:

Sr. No.	Name of the member	Position
01	Dr. K. B. Mahajan	Chairman
02	Dr. V. R. Khadse	Member
03	Prof. Dr. M. A. More	Member
04	Mr. Kishor D. Dhake	Member
05	Dr. Mrunalini H. Phalak	Member
06	Mr. A. J. Chaudhari	Member
07	Dr. H. B. Gajare	Member
08	Mr. M. N. Lidhure	Member
09	Dr. R. R. Attarde	Member
10	Mr. K. S. Bonde	Member
11	Mrs. Kavita S. Patil	Member
12	Mrs. Pratibha R. Nikam	Member
13	Mr. Premjit G. Jadhav	Member
14	Dr. Vishal D. Bharud	Member
15	Mrs. Bhavana A. Manekar	Member
16	Mr. S. P. Pawde	Member

The following members were absent with prior permission:

1. Prof. A. D. Shaligram
2. Prof. Nitin M. Kulkarni

enda

1. To approve the structure of S.Y. B.Sc. (Physics and Electronics) and its Syllabus
2. To approve the structure of M.Sc. Part-II Physics and its syllabus
3. Any Other Business (A.O.B.)

Chairman welcomed all the members present and brief introductions of all members were given. The following points were discussed.

#### **1. Confirming the minutes of the Last Board of Studies meeting held on 17<sup>th</sup> June 2019**

The Chairman briefly spoke about the decisions taken at the previous meeting.

In the last meeting following decisions were taken:

1. Felicitation of BOS members.
2. Approved structure for B.Sc. (Physics and Electronics) and M.Sc. Physics
3. Approved F.Y. B.Sc. (Physics and Electronics) syllabus and M.Sc. Part-I Physics Syllabus.
4. Nominated Dr. V. R. Khadse as member 48(3) (iv) of Maharashtra Public University Act 2016.

#### **Resolution-**

We take that the Minutes of the Last Board of Studies meeting in Physics and Electronics have been approved and passed.

The Chairman presented the agenda of the meeting and the business was transacted as per the agenda.

#### **II Review of Existing Curricular and co-curricular process (during the previous year)**

##### **(1) Review completion of the syllabi**

- Syllabus is completed in the given time frame and the continuous internal assessment was done through internal examinations, assignments and practical performance. Members expressed their satisfaction about completion.

##### **(2) Review of Co-curricular activities**

- On the occasion of celebration of 75<sup>th</sup> anniversary of Khandesh College Education Society Jalgaon and 150<sup>th</sup> birth anniversary of father of the Nation, Mahatma Gandhi, Department of Physics and Electronics organized a one day Students Solar Ambassador Workshop on 2<sup>nd</sup> October 2019 with an aim to sensitize the young generations who will be bearing the maximum burden of climate change. The workshop is conducted by Indian Institute of Technology



(IIT) Mumbai with an objective to spread the theme of non-violence towards environment. Department of physics and electronics has successfully planned and organized Students Solar Ambassador Workshop in the college Premise. 100 students were registered and benefited for the same and were sensitized towards use of clean energy and importance of solar energy.

- Organized a study tour at Space Application Centre, ISRO Ahmedabad during 24<sup>th</sup> - 26<sup>th</sup> December 2019. In all 29 students and 04 teachers were visited ISRO.
- On the occasion of celebration of 75<sup>th</sup> anniversary of Khandesh College Education Society Jalgaon and Moolji Jaitha College Jalgaon, School of Physical Sciences organized a National Conference on Nanostructured and Amorphous Materials: Synthesis, Characterization and Application (NAM-RAMAn:2020) on 28<sup>th</sup> - 29<sup>th</sup> February 2020. The aim of the conference was to create research awareness among the students. Also it was a platform for budding researchers to discuss and share the research ideas among themselves using oral and poster presentations. In all more than 100 researchers have participated in conference.
- On the occasion of national science day, RAMAN: 2020 poster competition have been organized for the students to explore their research talent. In all more than 50 students presented posters on the work done by Prof. Sir. C. V. Raman. To encourage the presentation skill among the students, college offers, three best presentation awards with prizes, Rs. 3000, 2000 and 1000 respectively.

### (3) Review of POs, PSOs and COs

- POs, PSOs and COs were revised and oriented as per local, national, regional and global developmental needs.

## II Curricular Revision (UG/PG Programme)

- Revised structure of S.Y.B.Sc. (Physics and Electronics) and M.Sc. Part - II Physics (CBCS pattern) and its syllabus has been unanimously approved.
- Restructuring & upgradation of the courses
  - As per the feedback received from faculty members, Changes made in the structure of S.Y.B.Sc. Physics. That are as follows

Previous Course	Existing Course
PHY-232: Statical Mechanics	PHY-232: Basic Electronics
PHY-230: Electrical Circuit and	PHY-230: Basic Instrumentation

Network Skills	Skills
PHY-240:Basic Instrumentation Skills	PHY-240:Electrical Circuit and Network Skills

- As per the feedback received from faculty members, Changes made in the structure of S.Y.B.Sc. Electronics. That are as follows

Previous Course	Existing Course
ELE-230: Sensors and Control System Components	ELE-230: Sensors and Transducers
ELE-240:Hydraulics and Pneumatics	ELE-240: Control System Components

- As per the feedback received from faculty members, Changes made in the structure of M.Sc. - II Physics. That are as follows

Previous Course	Existing Course
PHY-405: Solar Photovoltaic Grid Connected System	PHY-405: Solar Power Plant - Design and Installation

- Focus on employability/entrepreneurship/skill development
  - The Skill Development courses such as Basic Instrumentation Skills, Electrical circuits and Network Skills courses are introduced at S.Y.B.Sc. Physics.
  - The Skill Development courses such as Sensors and Transducers, Control System Components courses are introduced at S.Y.B.Sc. Electronics.
  - For the employability/entrepreneurship, the course such as PHY- 405 Solar Power Plant - Design and Installation is introduced at M. Sc. Physics. .

#### IV. Reviews & preparation of panel of exam for next examinations

- It was suggested to prepare more exhaustive list of examiners depending upon qualifications and experiences.

#### Solutions:

- The list of examiners were reviewed and accepted by all the members present,

along with suggestions. The necessary changes have been made and incorporated and included in list.

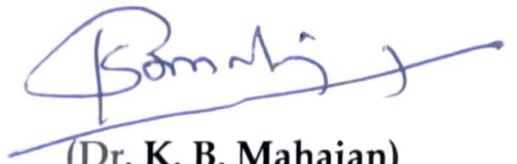
The following is the list of examiner added in to examiner list.

1. Mr. Premjeet G. Jadhav
2. Dr. Vishal D. Bharud
3. Kavita S. Patil
4. Dr. Pratibha R. Nikam
5. Mrs. Bhavana A. Manekar
6. Mr. S. P. Pawde

Item V. Any other suggestions: NIL

Resolution -

The meeting concluded with vote of thanks to the chair.



(Dr. K. B. Mahajan)

Chairperson

Board of Studies in Physics and Electronics