

SRI DHARMASTHALA MANJUNATHESHWARA COLLEGE (AUTONOMOUS)



UJIRE-574 240

DAKSHINA KANNADA, KARNATAKA STATE

(Re-Accredited by NAAC at 'A' Grade with CGPA 3.61 out of 4)

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Meeting - I DEPARTMENT OF PHYSICS-UG Proceedings of BOS meeting

Date of meeting: 05-11-2022

Time: 10.30 am

Venue: Discussion Room

AGENDA NO.	AGENDA
SDMCU/PHY-UG-BOS/2022-23/01/01	Reading the minutes of the previous BOS meeting and Action Taken Report
SDMCU/DEPT-UG BOS/2022-23/01/02	Revision and Approval of the NEP syllabus: a) Identifying the issues of Gender Equity, Human Values, Environment, Professional Ethics b) Identifying the Local, National and Global issues in the courses c) Identifying skill /employability components
SDMCU/ PHY -UG-BOS/2022-23/01/03	Revision and Approval of OE/SEC/AECC/VAC courses if any a) Identifying the issues of Gender Equity, Human Values, Environment, Professional Ethics b) Identifying the Local, National and Global issues in the courses c) Identifying skill /employability components
SDMCU/ PHY -UG-BOS/2022-23/01/04	Review of results of previous even sem exams and other achievements, feedback of the department/Stakeholders if any
SDMCU/ PHY -UG-BOS/2022-23/01/05	Finalizing the list of examiners
SDMCU/ PHY -UG-BOS/2022-23/01/06	Any other matter

Members Present:

SI No	Name and address	Designation
1.	Mr. S.N. Kakathkar, HOD, Dept of Physics, SDMC Ujire	Chairperson
2	Mr Shivaprasad KS Assistant Professor of Physics Vivekananda College, Puttur Phone: 9449207724 Mail ID- shivaprasadks24@gmail.com	University Nominee
3	1.Dr. Jayarama A. Professor of Physics Alva's College of Engineering & Technology Moodabidre, jrmarasalike@gmail.com 08258 – 262724,8618978330	Subject expert
4.	Dr Rajesh Kumar P C Associate Professor and Head Dept of Physics St Joseph Engineering College Mangaluru 575028,Email: rajeshp@sjec.ac.in Contact No:9448545335,7338346782	Subject expert
5.	Mr Harshith Assistant Professor of Physics St Aloysius College, Mangalore-1 Phone:9632663991,Email: harshith.annu@gmail.com	Meritorious Alumni
6.	Ms. Rashmi N.Dept. of Physics, SDMC Ujire	Member
7	Ms. Apeksha Jain. Dept. of Physics, SDMC Ujire	Member
8	Ms Namratha Jain, Dept. of Physics, SDMC Ujire	Member
9	Ms Revathi S Dept. of Physics, SDMC Ujire	Member

Members Not Present:

1.	Dr. Ajay Bharadwaj, Air Traffic Management Domain Expert,H-804, Rohan Jharoka ,Yemlur, Marathalli Bangalore	Representative from the Industry
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The Chairperson welcomed the members and presented the agenda.

SDMCU/ PHY -UG-BOS/2022-23/01/01

Reading the minutes of the previous BOS meeting held on 21-05-2022 and action taken report

Ms Rashmi N read out the minutes of the previous meeting and presented the action taken report. The following actions were taken based on the suggestions given by the members

Revision and approval of the syllabus

Suggestion -1

- To introduce the skill -based experiments
- To add more simulation experiment in regular lab
- To add experiment on Tangent galvanometer in IISEM NEP Batch
- To conduct training for competitive examinations

Action Taken

1. Experiment on TG is added is added in II sem NEP syllabus
2. Training programme will be conducted in this semester
3. As the CORONA effect is still continuing, unable to add more simulation experiment, but will be added in future.

Suggestion -2

- Addition of Mr Abhishek from Ambika college, Puttur as he has completed 2 years of service

Action taken

The name is added to new BOE list

Suggestion -3

- Assigning new Code numbers to NEP courses

As per the notification by the registrar following code numbers are to be assigned to NEP papers

DCC	PHCT101	Mechanics and Properties of Matter
DCC	PHCP101	Physics Practical 1
DOE	PHOE101	Energy sources
DOE	PHOE102	Physics of devices and measuring instruments
DCC	PHCT151	Electricity and Magnetism
DCC	PHCP151	Physics Practical II
DOE	PHOE151	Astronomy and Space Science
DOE	PHOE152	Basics of remote sensing and GIS

Action taken

New code numbers are assigned

SDMCU/ PHY -UG-BOS/2022-23/01/02

Revision and Approval of the NEP core syllabus:

- a) Identifying the issues of Gender Equity, Human Values, Environment,
- b) Professional Ethics
- b) Identifying the Local, National and Global issues in the courses
- c) Identifying skill /employability components

The draft of the syllabus developed based on University syllabus and the feedback collected from the stakeholders was reviewed. The members noted all the components stated in the agenda and made the following decisions after considering the suggestions.

- To list out the topics related Gender equity, Human values, environment, Professional ethics; highlighting the local and national and Global issues and skill/employability components in the syllabus.
- Addition of velocity of sound in fluids in Unit II of III semester syllabus
- Addition of application of polaroid in Unit IV
- Addition of the topic MOSFET in Paper IV Unit III
- Addition of Wein Bridge oscillator in Unit IV

Addition of following reference books under Paper III

- University Physics by Sears Zemansky
- Engineering Physics by Jewett and Servey
- Optics by Satyaprakash

Addition of following reference books under Paper IV

- Electronics-by Boylsted
- Basic Electronics-by V K Mehta

The Board approved the syllabus with the modifications suggested

Further the board reviewed the number of courses highlighting employability and skill enhancement

Number of courses focusing on employability and skill development are as given below

- Number of courses focusing employability-2

- Number of courses focusing skill development-4

The agenda was approved

SDMCU/ PHY -UG-BOS/2022-23/01/03

Revision and Approval of OE/SEC/AECC/VAC courses

- a) Identifying the issues of Gender Equity, Human Values, Environment, Professional Ethics
- b) Identifying the Local, National and Global issues in the courses
- c) Identifying skill /employability components

Revision and approval of the syllabus

The draft of the syllabus developed based on University syllabus and the feedback collected from the stakeholders was reviewed. The members noted all the components stated in the agenda and made the following decisions after considering the suggestions

- To list out the topics related Gender equity, Human values, environment, Professional ethics; highlighting the local and national and Global issues and skill/employability components in the syllabus.
- Addition of topic on BLEC to Open Elective of III semester- Electric and Electronic devices
- Addition of e waste Management in Unit II of OE of III semester
- Addition of Laser application in Unit III
- Change of question paper pattern for Open Electives

The Board approved the syllabus with the modifications suggested

Further the board reviewed the number of courses highlighting employability and skill enhancement

Number of courses focusing on employability and skill development are as given below

- Number of courses focusing employability-3
- Number of courses focusing skill development-2

The agenda was approved

SDMCU/ PHY -UG-BOS/2022-23/01/04

Review of results of previous even sem exams and other

achievements, feedback of the department/Stakeholders

Chairman presented the Results of the odd and even semester exams of previous year to the board members. He presented the details of departmental feedback Members appreciated the performance of the students in the examinations

SDMCU/ PHY -UG-BOS/2022-23/01/05

Finalizing the list of BOE members

The draft list of BOE members was presented for approval. The list is updated with following changes

Addition of Venitha Navya Monthero from S J Engineering College Mangalore

Revised list is approved and the agenda was approved

SDMCU/ PHY -UG-BOS/2022-23/01/06

Any other matter

- Members suggested to involve degree students in JRP activities
- Members suggested to conduct programmes on Higher education opportunities

Members appreciated the performance of the department particularly best practices of the department

The agenda was approved

Meeting concluded with vote of Thanks by Ms Namratha

Sd/-

Prof. S.N. Kakathkar

(B.O.S Chairperson)

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Meeting - II

DEPARTMENT OF PHYSICS - UG

Proceedings of BOS meeting

Date : 17-08-2023

Time: 3.00 PM

Venue: Online Mode-Google meet

AGENDA

SDMCU/PHY-UG-BOS/2022-23/02/01	Reading the minutes of the previous BOS meeting and Action Taken Report
SDMCU/PHY-UG-BOS/2022-23/02/02	Revision and Approval of the V & VI Semester NEP syllabus
SDMCU/PHY-UG-BOS/2022-23/02/03	Revision and Approval of OE/SEC/AECC/VAC courses if any
SDMCU/PHY-UG-BOS/2022-23/02/04	Review of results of previous even semester exams, achievements and feedback of the department
SDMCU/PHY-UG-BOS/2022-23/02/05	Finalizing the list of examiners
SDMCU/PHY-UG-BOS/2022-23/02/06	Any other matter

Members Present:

SI No	Name and address	Designation
1.	Mr. S.N. Kakathkar, HOD, Dept of Physics, SDMC Ujire	Chairperson
2.	Mr Shivaprasad KS, Assistant Professor of Physics Vivekananda College, Puttur, Phone: 9449207724 Mail ID- shivaprasadks24@gmail.com	University Nominee
3.	Dr. Jayarama A., Professor of Physics Alva's College of Engineering & Technology Moodabidre, jrmarasalike@gmail.com 08258 – 262724, 8618978330	Subject expert
4.	Dr Rajesh Kumar P C, Associate Professor and Head Dept of Physics , St Joseph Engineering College Mangaluru 575028, Email: rajeshp@sjec.ac.in Contact No: 9448545335, 7338346782	Subject expert
5.	Dr. Ajay Bharadwaj Air traffic Management domain expert, 4804, Rohan Jharoka Yemlur, Marathalli Bangalore, M: 9740344338. ajaysbharadwaj@gmail.com	Representative from the Industry
6.	Mr Harshith, Assistant Professor of Physics St Aloysius College, Mangalore-1 Phone: 9632663991, Email: harshith.annu@gmail.com	Meritorious Alumni
7.	Ms. Apeksha Jain, Assistant Professor, Dept of Physics, SDMC Ujire	Member
8.	Ms Namratha Jain, Assistant Professor, Dept of Physics, SDMC Ujire	Member
9.	Ms Revathi S, Assistant Professor, Dept of Physics, SDMC Ujire	Member

Members Not Present: Nil

Ms Namratha welcomed the members and the chairman presented the agenda.

SDMCU/PHY-UG-BOS/2022-23/02/01**Reading the minutes of the previous BOS meeting held on 05-11-2022 and action taken report**

Ms Apeksha read out the minutes of the previous meeting and presented the action taken report. The following actions were taken based on the suggestions given by the members

Revision and approval of the syllabus

Suggestion -1

- Addition of velocity of sound in fluids in Unit II of III semester syllabus
- Addition of application of polaroid in Unit IV
- Addition of the topic MOSFET in Paper IV Unit III
- Addition of Wein Bridge oscillator in Unit IV

Addition of following reference books under Paper III

- University Physics by Sears Zemansky
- Engineering Physics by Jewett and Servey
- Optics by Satyaprakash

Addition of following reference books under Paper IV

- Electronics-by Boylsted
- Basic Electronics-by V K Mehta

Action Taken

All above suggestions are incorporated in the respective units

Suggestion -2

- To list out the topics related Gender equity, Human values, environment, Professional ethics; highlighting the local and national and Global issues and skill/employability components in the syllabus.
- Addition of e waste Management in Unit II of OE of III semester
- Addition of Laser application in Unit III
- Change of question paper pattern for Open Electives

Action taken

- Topics related Gender equity, Human values, environment, Professional ethics; highlighting the local and National and Global issues and skill/employability components in the syllabus.
- Topic on e waste Management is added in Unit II of OE of III semester
- Topic on Laser application is added in Unit III

- Question paper pattern for Open Electives is changed as per the discussion

Suggestion 3

Addition of Ms Venitha Navya Monthero from S J Engineering College Mangalore to the BOE list as she fulfills the condition to be the member of BOE

Action Taken

The name is added to the BOE list

Suggestion 4

- To Involve degree students in JRP activities
- To organize programmed on Higher education opportunities

Action Taken

- Decided to involve in JRP activities from this academic year
- Programme on Higher education opportunities is conducted

The agenda was approved

SDMCU/PHY-UG-BOS/2022-23/02/02

Revision and Approval of the NEP syllabus:

As the official copy of the University syllabus for Vth and VIth semester is not received so far, it is resolved to implement the same once it is received.

As NEP is being implemented for final year, new equipments are yet to be procured, it is resolved to conduct practicals in Vth semester as per the State syllabus with slight modification., Chairman presented the modified draft list of experiments by ensuring optimum utilisation of existing equipments in all semesters, for approval

It is also resolved to authorize the chairman to revise the syllabus and list of experiments, once the University syllabus is received

And resolved to introduce more experiments in Electronics as per the feedback report of the students

Members approved the draft list of experiments and the agenda was approved

SDMCU/PHY-UG-BOS/2022-23/02/03

Revision and Approval of OE/SEC/AECC/VAC courses

As the syllabus content in these courses was revised in the last BOS meeting, it is resolved to retain the same without any modification

The agenda was approved

SDMCU/PHY-UG-BOS/2022-23/02/04

Review of results of previous even semester exams, achievements and feedback of the department

Chairman presented the Results of the odd and even semester exams of the academic year 2022-2023 to the board members. He also presented the achievements of the students and details of departmental feedback

Members appreciated the performance of the department, the feedback report and performance of the students in academic and nonacademic fields.

SDMCU/PHY-UG-BOS/2022-23/02/05

Finalizing the list of BOE members

The draft list of BOE members was presented for approval. The list is updated with following changes.

- Deletion of following Names in the list as they have left the job or retired

Internal Members				
Sl.No.	Name	Designation	Address,email and Mobile number	Reason
1.	Ms. Rashmi N	Assistant Professor	Dept. of Physics SDM College, Ujire	Resignation

External Members				
1.	Name	Designation	Address	Reason
2.	Dr. A.P. Radhakrishna	Associate Professor	Dept. of Physics, St. Philomena College, Puttur	Retirement
3.	Dr. Sankeerth Hebbar	Assistant Professor	Ramakunjeshwara First Grade College, Ramakunja, Puttur	Resignation
4.	Ms. Vandana K.	Assistant Professor	Dept. of Physics, St. Philomena College	Resignation
5.	Ms. Suchethana	Assistant Professor	Dept. of Physics, Mahaveera College, Moodabidri	Resignation
6.	Prof. B. Ganapayya	HOD & Associate Professor	PG Dept. of Physics SDM PG centre, Ujire 9481146955	Retirement
7.	Prof. C. Shiva Rao	Retd. Professor	SDM College, Ujire 9731854560	Retirement
8.	Prof. T.N. Keshava	Retd . Professor	Dept. of Physics SDM College, Ujire	Retirement
9.	Ms. Savitha	Assistant professor	Dept. of Physics Alva's College, Moodabidre	Retirement
10.	Mr Deekshith	Assistant Professor	Vivekananda college ,Puttur	Resignation
11.	Ms Varsh Moleyar	Assistant Professor	Vivekananda college ,Puttur 9482970803	Resignation
12.	Mr Abhishek	Assistant Professor	Ambika college Puttur	Resignation

- Considering following faculty as internal member

1	Smt. Sahana K.	Assistant Professor	PG Dept. of Physics, SDM College, Ujire,
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Revised list is approved and the agenda was approved

SDMCU/PHY-UG-BOS/2022-23/02/06

Any other matter

Members suggested

- To conduct experiments on Piezoelectric effect.
- To conduct Physics related experiments using drone camera
- To conduct more field visits and organize Internships as it is mandatory under NEP
- To conduct activity based programmes as per the NEP syllabus.
- To add SDM IT Faculty as external BOE members
- To motivate the students to register for MOOC to get additional credits

The agenda was approved

Meeting concluded with vote of Thanks by Ms Namratha

Sd/-

Prof. S.N. Kakathkar
(B.O.S Chairperson)