



# PRESIDENCY UNIVERSITY

Private University Estd. in Karnataka State by Act No. 41 of 2013

## SCHOOL OF ENGINEERING

### Department of Physics

Ref. No: PU/SOE/PHY/ATR/BOS-05/2021-22

Date: 6<sup>th</sup> August 2021

### Action taken Report on Curriculum Feedback

### Report on Student Feedback Analyzed and Action Taken: 2021-2022

#### SOE-PHYSICS

SI No.	Feedback	Action Taken
1	Include topics wherein Physics concepts are aligned with computer science and related branches	Quantum concepts is introduced in the revised syllabus.
2	Curriculum can be aligned considering the modern day demand in the field of computer science and allied branches	Introduced Quantum concepts in the curriculum and more such relevant topics will be planned to inculcate
3	Some units can be replaced and some applicable concepts/areas can be added.	The unit is replaced and included.
4	Few Concepts can be taught in terms of experiential learning	To experience the concepts activity sessions are conducted and student will do hand on experiment on the different concepts.
5	More visibility should be given to the students on open electives floated by basic science department	Has conveyed to the Engineering Heads to canvas about the electives floated by science departments
6	It is good if few concepts are taught with more depth.	Will be incorporated in our lecturing sessions
7	More prescribed books for references must be included.	Suggestion is considered and will be included in the next AY
8	My advice is to reduce the no. of units/merge the relevant units and make as modules.	Suggestion is considered and module system is made by merging two or more units.
9	Discuss the concepts in more depth, increase problem solving content	Suggestion is considered and problem solving content is included.
10	Application oriented/industry based syllabus to be included	The revised syllabus is more of application oriented



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Pursuant to feedback received from stakeholders, new courses have been added to curriculum as shown in Annexure I and revised courses are shown in Annexure II

## Annexure I List of new courses

Sl. No.	Subject	Subject Code	Credit
1	General Physics	PHY 204	2
2	Material Physics	PHY 1001	3
3	Optoelectronics and device physics	PHY 1002	3

## Annexure II List of revised courses

Sl. No.	Subject	Subject Code	Credit
1	Essentials of Physics	PHY1009	2
2	Mechanics and Physics of materials	PHY1003	2
3	Astronomy	PHY1004	2
4	Statistical Mechanics	PHY1006	2
5	Physics of Nanomaterials	PHY1007	3
6	Adventures in Nanoworld	PHY1008	3
7	Medical Physics	PHY2001	3
8	Sensor Physics	PHY2002	3
9	Computational Physics	PHY2003	2
10	LASER Physics	PHY2004	2
11	Science and Technology of Energy	PHY2005	3
12	Composite Materials-ASTM Standards	PHY2006	3
13	Game Physics	PHY1005	3



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### Action taken Report on Curriculum Feedback

#### Feedback from Faculty members and action taken report

Sl. No.	Feedback Received	Action Taken
1	Introduce more field based activities and practical sessions as part of courses	Separate slots have been assigned for active learning classes on Saturday to accommodate field based activities and practical sessions to link theory with lab
2	Need to allot more teaching/tutorial hours for design based courses/numerical based courses	The course contents are planned according to the lecture and tutorial hours available. However, there might have been a need felt to engage more tutorial hours only for slow learners. Remedial classes are being arranged for slow learners after regular working hours.

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2	Mechanics and Physics of materials	PHY1003	2
3	Astronomy	PHY1004	2
4	Statistical Mechanics	PHY1006	2
5	Physics of Nanomaterials	PHY1007	3
6	Adventures in Nanoworld	PHY1008	3
7	Medical Physics	PHY2001	3
8	Sensor Physics	PHY2002	3
9	Computational Physics	PHY2003	2
10	LASER Physics	PHY2004	2
11	Science and Technology of Energy	PHY2005	3
12	Composite Materials-ASTM Standards	PHY2006	3
13	Game Physics	PHY1005	3



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Date: 6<sup>th</sup> August 2021

### Action taken Report on Curriculum Feedback Feedback from Employer and action taken report

Sl. No	Feedback/Suggestions	Action Taken
1	Elective courses need to be selected based on the needs of the industry	2 New elective courses have been included in the curriculum
2	Curriculum needs to be revised based on the recent trends in manufacturing domain	Based on the needs of the industry, 2 new courses have been included
3	Topics related to advancements in manufacturing and automation need to be included	1 Course pertaining to automation are included in the curriculum

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#### Annexure II List of revised courses

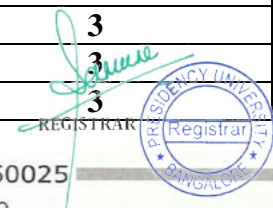
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4	Statistical Mechanics	PHY1006	2
5	Physics of Nanomaterials	PHY1007	3
6	Adventures in Nanoworld	PHY1008	3
7	Medical Physics	PHY2001	3

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8	Sensor Physics	PHY2002	3
9	Computational Physics	PHY2003	2
10	LASER Physics	PHY2004	2
11	Science and Technology of Energy	PHY2005	3
12	Composite Materials-ASTM Standards	PHY2006	3
13	Game Physics	PHY1005	3



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### Action taken Report on Curriculum Feedback

#### Feedback from Alumni and action taken report

Sl. No.	Feedback Received	Action Taken
1	The alumni has given excellent opinion regarding the syllabus relevant to the course	Suggestions by the alumni were considered they were included in new course introduction
2	Students has given good opinion for course curriculum fulfilling their expectations.	Curriculum has been revised by adding corporate requirements in every area of specialization. This includes projects, inclusion of recent developments in every field, etc. .

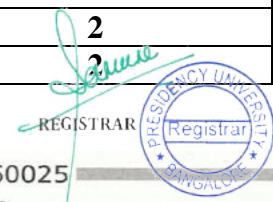
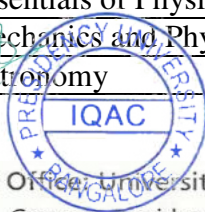
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4	Statistical Mechanics	PHY1006	2
5	Physics of Nanomaterials	PHY1007	3
6	Adventures in Nanoworld	PHY1008	3
7	Medical Physics	PHY2001	3
8	Sensor Physics	PHY2002	3
9	Computational Physics	PHY2003	2
10	LASER Physics	PHY2004	2
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