

Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Department of Physics

Programme: Undergraduate B.Sc. (Bachelor of Science)

Academic Session 2018-2019

Attainment of Programme Outcome and Course Outcome

Programme: Bachelor of Science

Year	2018-2019
No. of Students Enrolled	302

Program Outcomes (POs) of UG Programmes - B.Sc.

Students of all undergraduate degree Programmes at the time of graduation will be able to-

PO 01: To understand the role of Physics in the present-day context.

PO 01: To make students familiar with the importance of energy conservation and environmental protection.

PO 01: To comprehend the pursuit of Physics, its history and methodology.

PO 01: To improve technological aspects of the students through various teaching-learning methods.

PO 01: To understand types of fiber optic, basic concepts of different types of LASERS, and renewable sources of energy

PO 01: To make students familiar with the concepts of Statistical Mechanics and Solid-state physics.

Attainment of Programme Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2018-2019	Semester-VI
No. of Students Enrolled for Examination	56
No. of Students Passed in Examination	43
No. of Students attained Level "O"	10
No. of Students attained Level "A"	04
No. of Students attained Level "B"	19
No. of Students attained Level "C"	10
No. of Students attained Level "D"	13

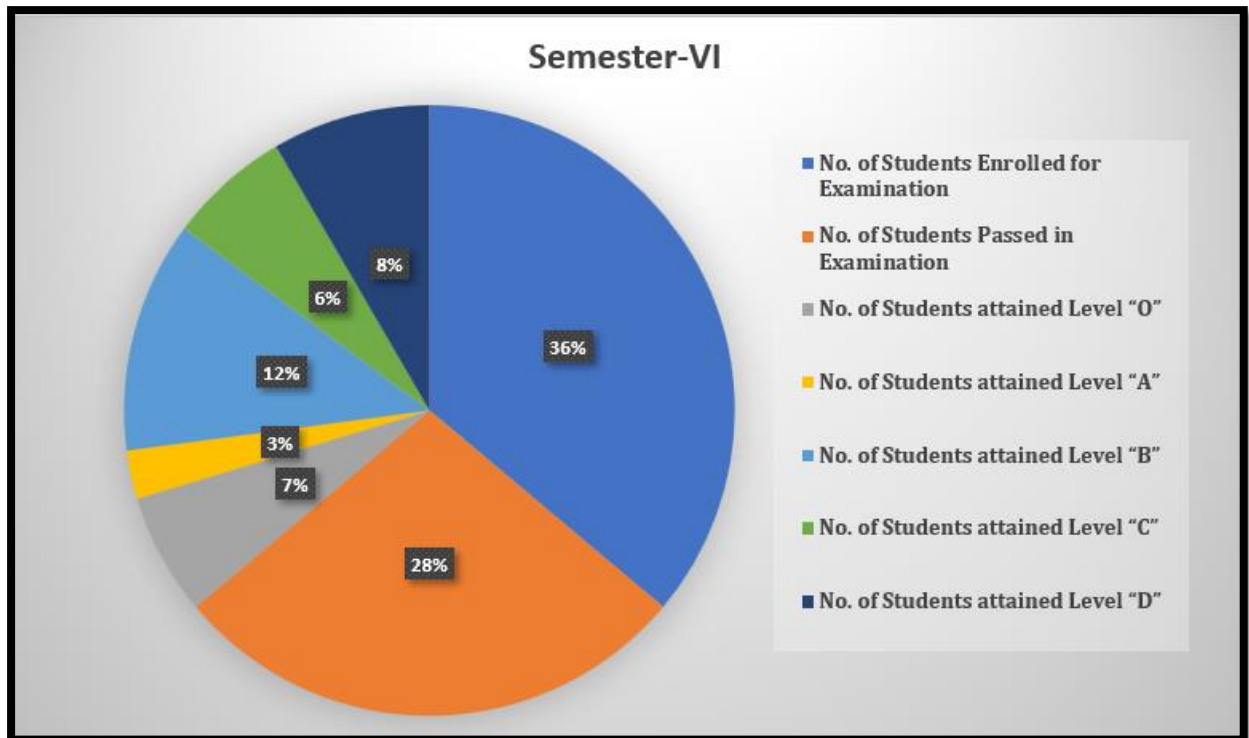
Level “O”: Students secured 75 % & above marks

Level “A”: Students secured 60-74% marks

Level “B”: Students secured 46 to 59 % Marks

Level “C”: Students secured 40 to 45 % Marks

Level “D”: Students secured less than 40% Marks



Attainment of Programme Outcome 2018-2019

Attainment of Course Outcome:

Course: Physics

Course Code: -

CO (Course Outcomes)

B.Sc. I, B.Sc., B.Sc. III (Physics)

COs of B.Sc. "Physics"

After the completion of the course the students will be able:

CO 1: To understand the concepts of gravitation and planetary motions.

CO 2: To know about kinetic theory of gases, the basic laws of thermodynamics, and the concepts of alternating current with various with various combinations

CO 3: To know about mathematical background and laws of electrostatics, solid state electronic devices and special theory of relativity.

CO 4: To understand the various branches of Physics as optics, acoustics, and various renewable sources of energy.

CO 5: To understand the concepts of statistical mechanics and solid-state physics.

CO 6: To know about quantum mechanics and nuclear physics.

Attainment of Course Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2018-2019	Semester -VI
No. of Students Enrolled for Examination	21
No. of Students Passed in Examination	15
No. of Students attained Level "O"	00
No. of Students attained Level "A"	01
No. of Students attained Level "B"	03
No. of Students attained Level "C"	11
No. of Students attained Level "D"	06

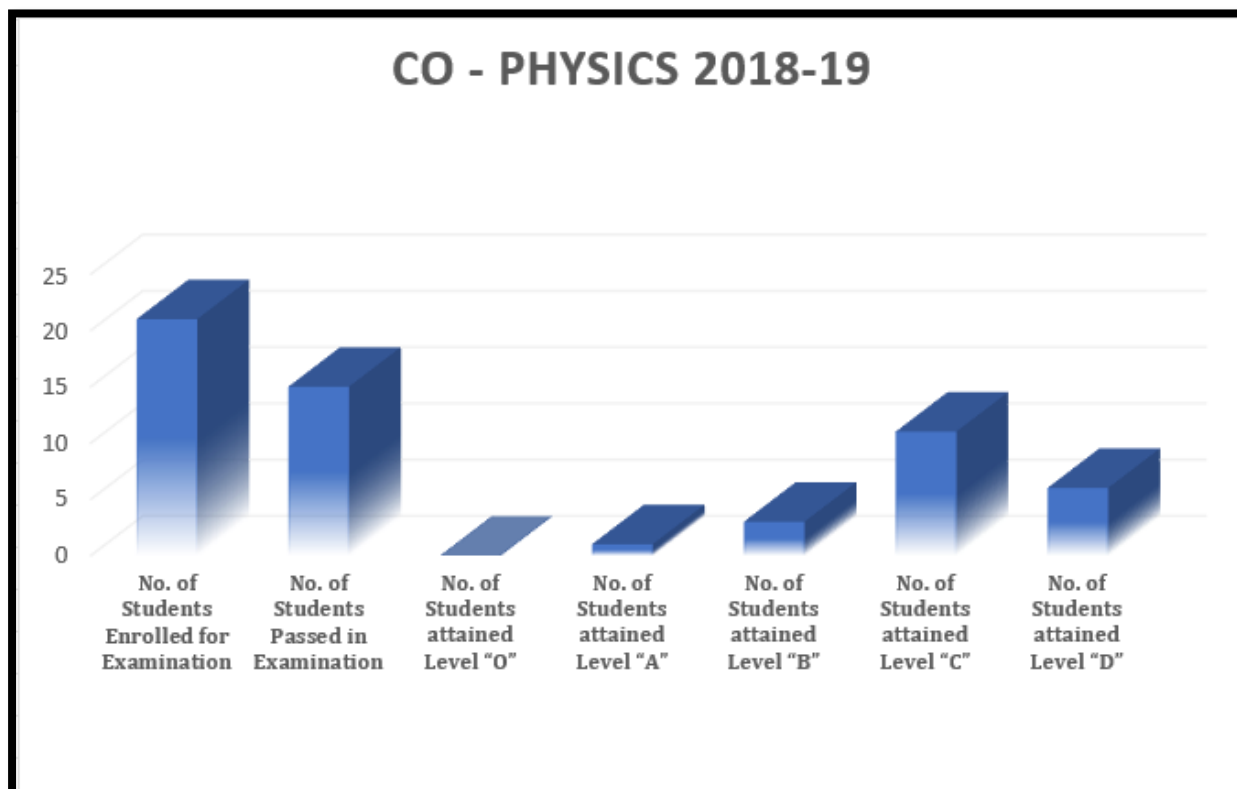
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Level "A": Students secured 60-74% marks

Level "B": Students secured 46 to 59 % Marks

Level "C": Students secured 40 to 45 % Marks

Level "D": Students secured less than 40% Marks



Attainment of Course Outcome 2018-2019

**Head
Department of Physics**

**IQAC
Coordinator**

**Principal
Matoshree Vimalabai Deshmukh Mahavidyalaya,
Amravati**

Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Department of Physics

Programme: Undergraduate B.Sc. (Bachelor of Science)

Academic Session 2019-2020

Attainment of Programme Outcome and Course Outcome

Programme: Bachelor of Science

Year	2019-2020
No. of Students Enrolled	293

Program Outcomes (POs) of UG Programmes - B.Sc.

Students of all undergraduate degree Programmes at the time of graduation will be able to-

PO 01: To understand the role of Physics in the present-day context.

PO 01: To make students familiar with the importance of energy conservation and environmental protection.

PO 01: To comprehend the pursuit of Physics, its history and methodology.

PO 01: To improve technological aspects of the students through various teaching-learning methods.

PO 01: To understand types of fiber optic, basic concepts of different types of LASERS, and renewable sources of energy

PO 01: To make students familiar with the concepts of Statistical Mechanics and Solid-state physics.

Attainment of Programme Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2019-2020	Semester-VI
No. of Students Enrolled for Examination	80
No. of Students Passed in Examination	80
No. of Students attained Level "O"	05
No. of Students attained Level "A"	06
No. of Students attained Level "B"	59
No. of Students attained Level "C"	00
No. of Students attained Level "D"	00

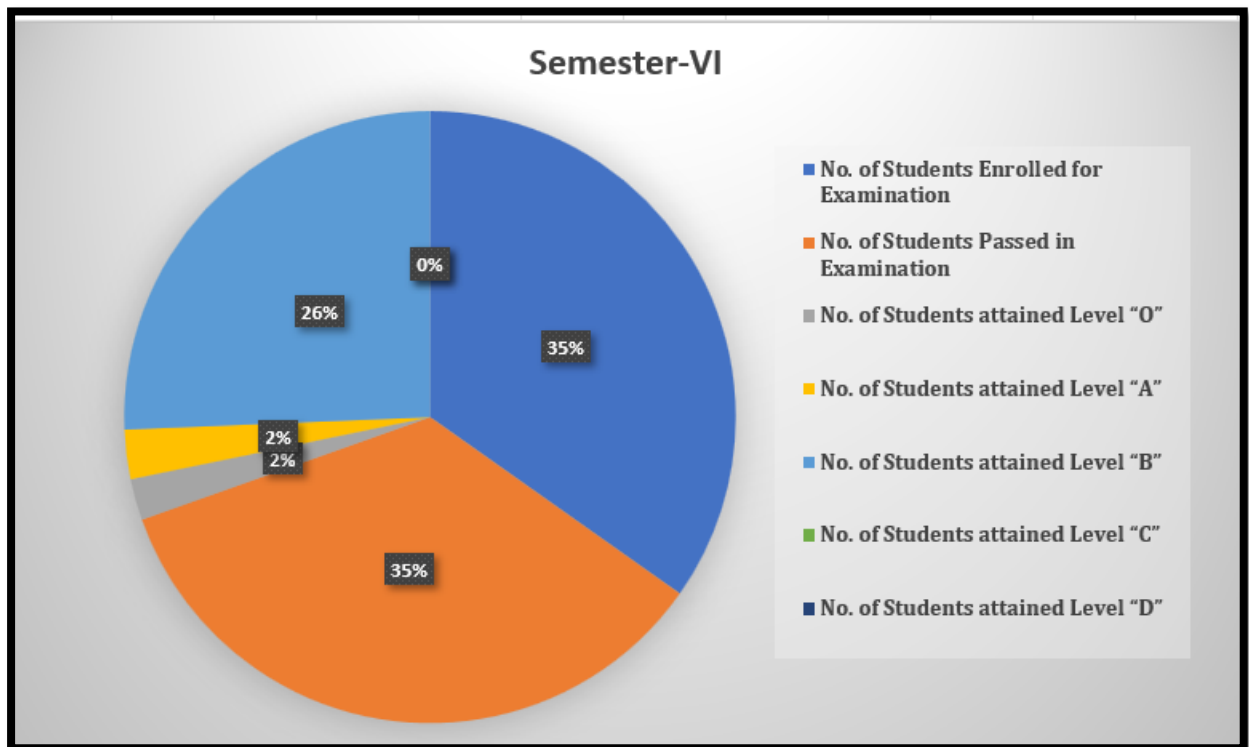
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Level “A”: Students secured 60-74% marks

Level “B”: Students secured 46 to 59 % Marks

Level “C”: Students secured 40 to 45 % Marks

Level “D”: Students secured less than 40% Marks



Attainment of Programme Outcome 2019-2020

Attainment of Course Outcome:

Course: Physics

Course Code: -

CO (Course Outcomes)

B.Sc. I, B.Sc., B.Sc. III (Physics)

COs of B.Sc. "Physics"

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CO 5: To understand the concepts of statistical mechanics and solid-state physics.

CO 6: To know about quantum mechanics and nuclear physics.

Attainment of Course Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2019-2020	Semester -VI
No. of Students Enrolled for Examination	15
No. of Students Passed in Examination	15
No. of Students attained Level "O"	15
No. of Students attained Level "A"	00
No. of Students attained Level "B"	00
No. of Students attained Level "C"	00
No. of Students attained Level "D"	00

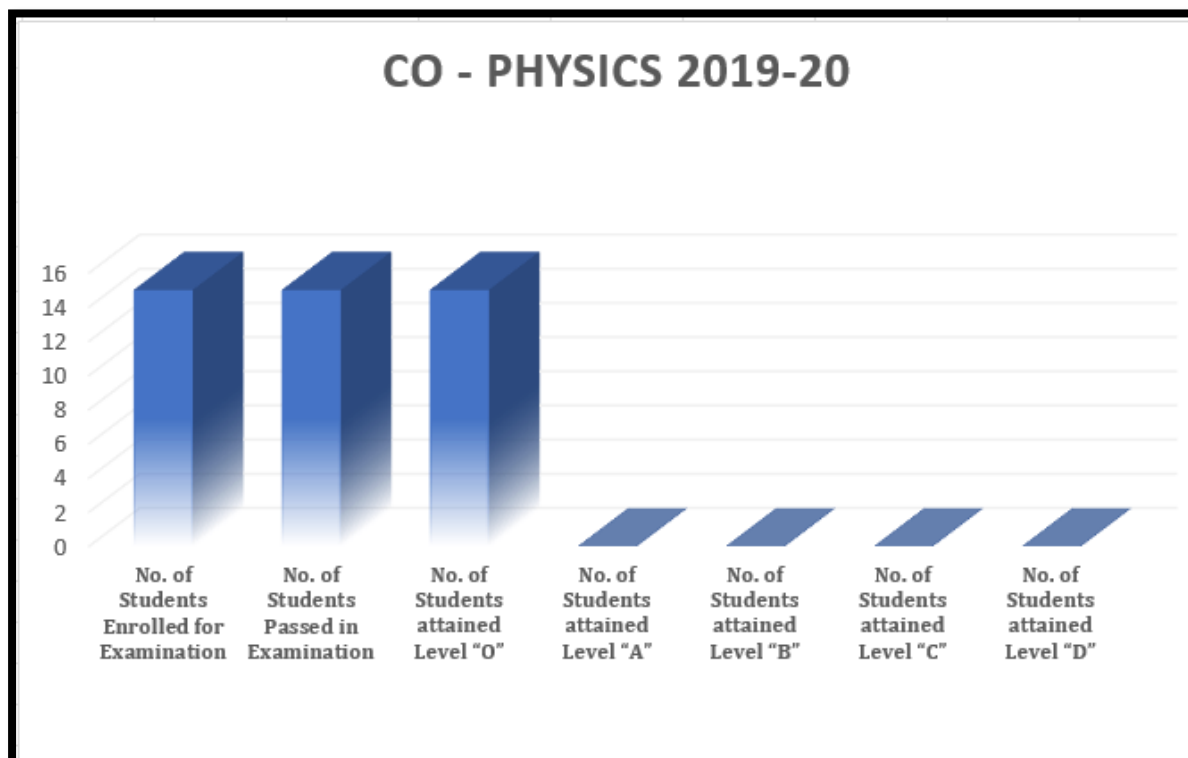
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Attainment of Course Outcome 2019-2020

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Department of Physics

Programme: Undergraduate B.Sc. (Bachelor of Science)

Academic Session 2020-2021

Attainment of Programme Outcome and Course Outcome

Programme: Bachelor of Science

Year	2020-2021
No. of Students Enrolled	307

Program Outcomes (POs) of UG Programmes - B.Sc.

Students of all undergraduate degree Programmes at the time of graduation will be able to-

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PO 01: To comprehend the pursuit of Physics, its history and methodology.

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PO 01: To make students familiar with the concepts of Statistical Mechanics and Solid-state physics.

Attainment of Programme Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2020-2021	Semester-VI
No. of Students Enrolled for Examination	135
No. of Students Passed in Examination	134
No. of Students attained Level "O"	58
No. of Students attained Level "A"	76
No. of Students attained Level "B"	00
No. of Students attained Level "C"	00
No. of Students attained Level "D"	01

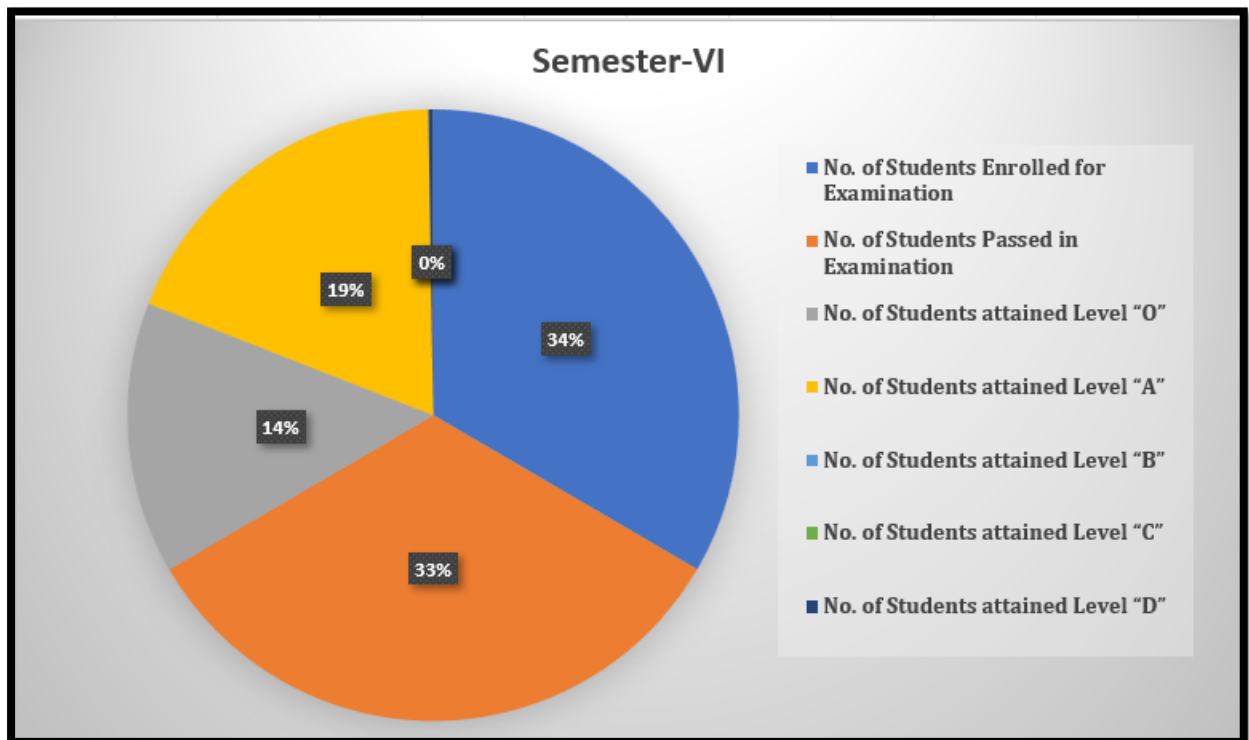
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Level “A”: Students secured 60-74% marks

Level “B”: Students secured 46 to 59 % Marks

Level “C”: Students secured 40 to 45 % Marks

Level “D”: Students secured less than 40% Marks



Attainment of Programme Outcome 2020-2021

Attainment of Course Outcome:

Course: Physics

Course Code: -

CO (Course Outcomes)

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CO 6: To know about quantum mechanics and nuclear physics.

Attainment of Course Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2020-2021	Semester -VI
No. of Students Enrolled for Examination	54
No. of Students Passed in Examination	53
No. of Students attained Level "O"	42
No. of Students attained Level "A"	09
No. of Students attained Level "B"	00
No. of Students attained Level "C"	02
No. of Students attained Level "D"	01

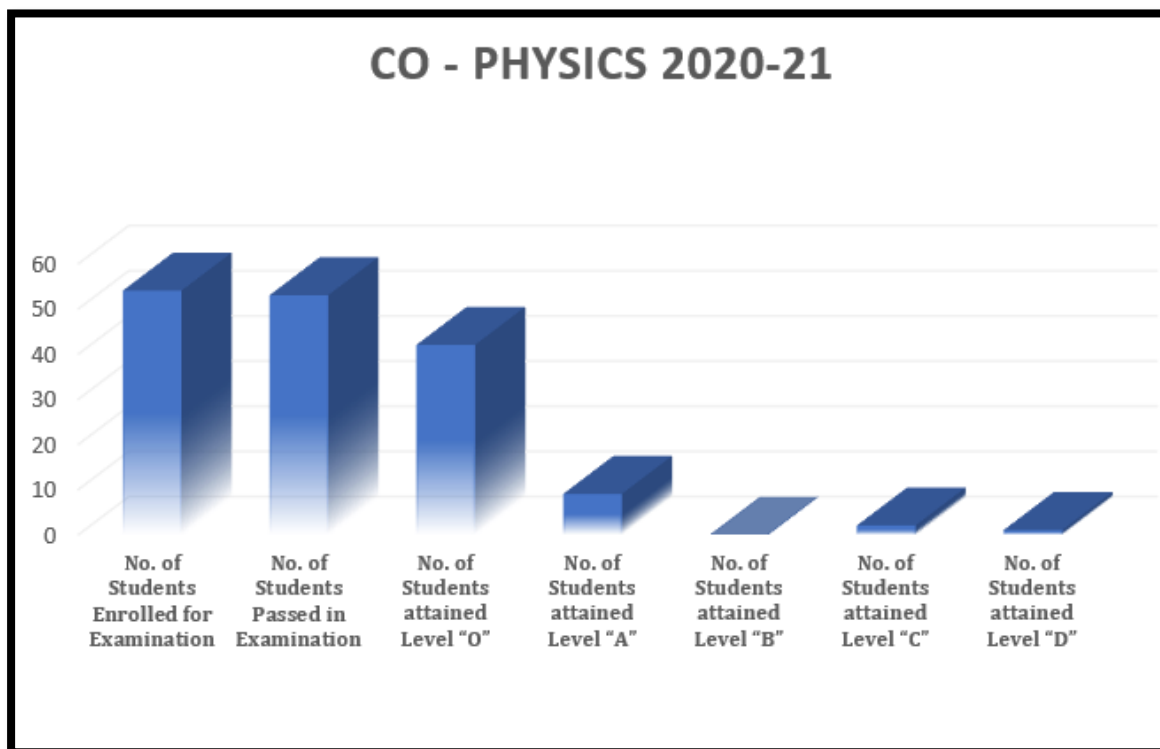
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Academic Session 2021-2022

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Programme: Bachelor of Science

Year	2021-2022
No. of Students Enrolled	205

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PO 01: To understand types of fiber optic, basic concepts of different types of LASERS, and renewable sources of energy

PO 01: To make students familiar with the concepts of Statistical Mechanics and Solid-state physics.

Attainment of Programme Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2021-2022	Semester-VI
No. of Students Enrolled for Examination	89
No. of Students Passed in Examination	50
No. of Students attained Level "O"	07
No. of Students attained Level "A"	10
No. of Students attained Level "B"	11
No. of Students attained Level "C"	22
No. of Students attained Level "D"	29

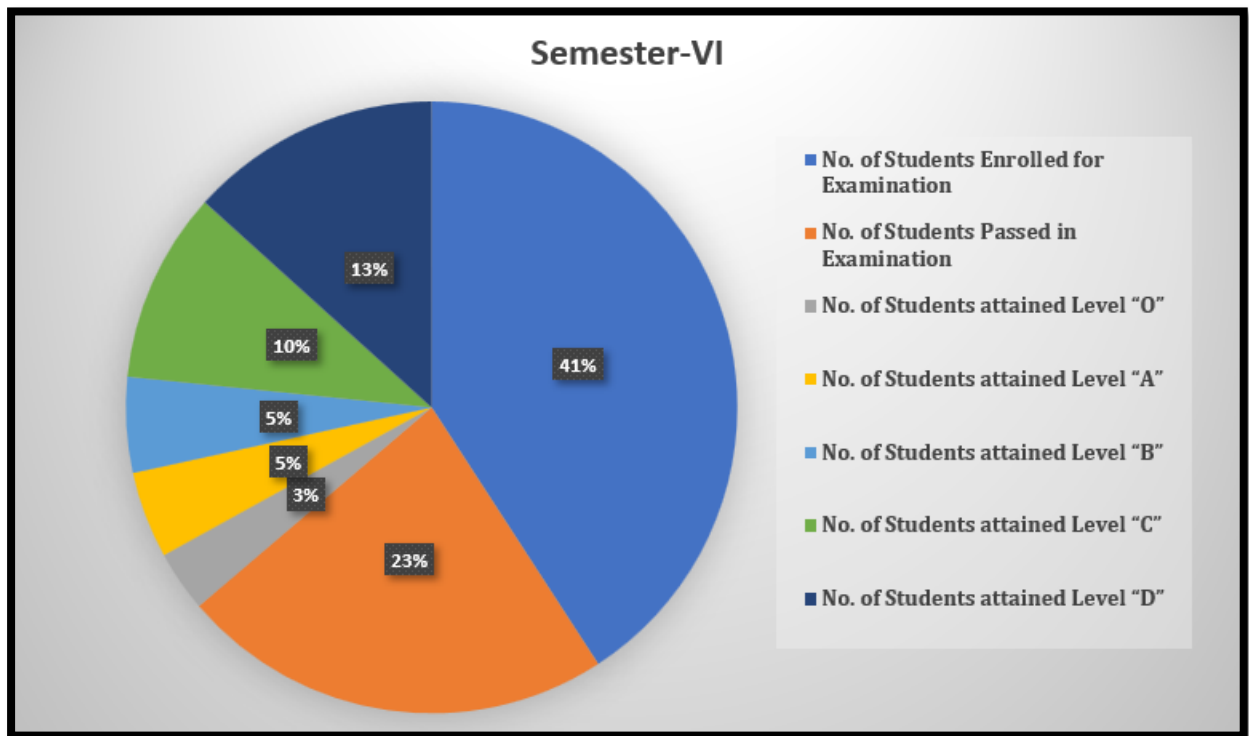
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CO 6: To know about quantum mechanics and nuclear physics.

Attainment of Course Outcome:

(Including Assessment through Internal Assessment, Viva, Seminar, Project Work)

Year 2021-2022	Semester -VI
No. of Students Enrolled for Examination	27
No. of Students Passed in Examination	21
No. of Students attained Level "O"	00
No. of Students attained Level "A"	00
No. of Students attained Level "B"	10
No. of Students attained Level "C"	11
No. of Students attained Level "D"	06

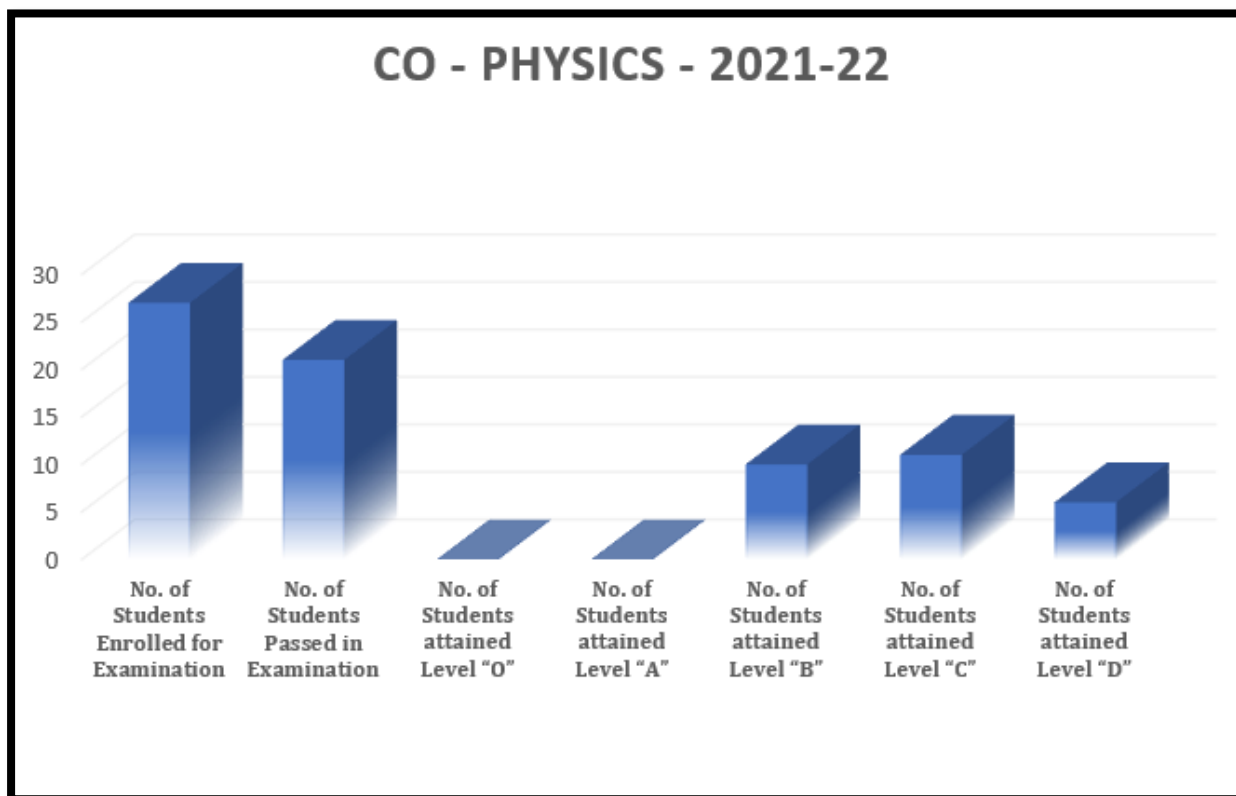
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