

Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Department of Chemistry

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

Academic Session 2018-2019

Attainment of Programme Outcome and Course Outcome

Programme: B.Sc.

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 1: To familiarize the students with the nature, technique and implementation of modern chemistry.

PO 2: To understand scientific and functional principles of instruments typically used in most areas of Chemistry.

PO 3: To perform experimental protection, transition, calculation, and prepare solutions as well as use physical properties to classify compounds and chemical reactions.

PO 4: To learn and understand how Chemistry is useful to societal, cultural, and environmental problems in relation to energy, medicine and health concerns of us society.

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

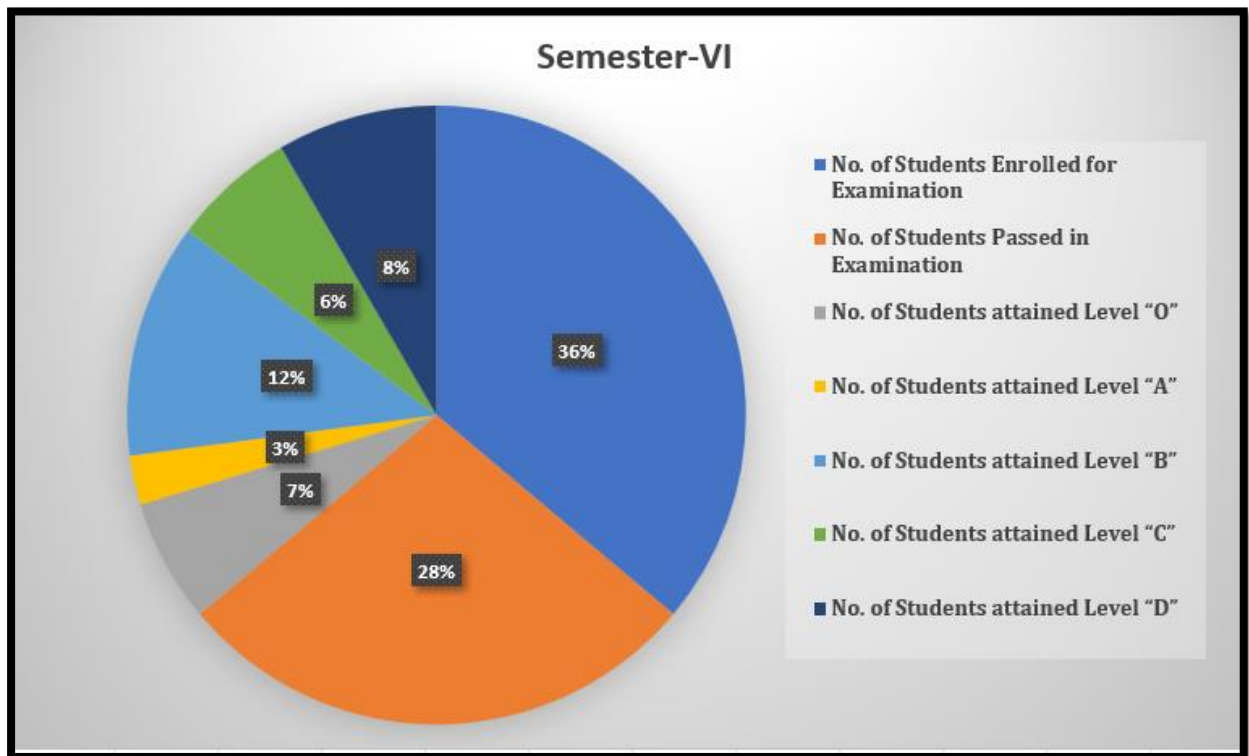
Level “O”: Students secured 75 % & above marks

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 2018-19

Attainment of Course Outcome:

Course: Chemistry

Course Code: -

CO (Course Outcomes)

B.Sc. I, B.Sc., B.Sc. III (Chemistry

COs of B.Sc. "Chemistry"

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

CO 1: To understand applications of aromatic hydrocarbons and aliphatic hydrocarbons.

CO 2: To understand kinetic theory of gases and crystal field theory.

CO 3: To know about the concepts of hybridization and hybridization of different molecules and their geometry.

CO 4: To understand concepts of stereochemistry and electrochemistry.

CO 5: To become aware of the spectroscopy and mass spectrometry of Nuclear Magnetic Resonance phenomena.

CO 6: To identify inter conversions of chemical and electrical energy by experience of electrochemistry of radio isotopes in industry, agriculture, medicine and biosciences.

CO 7: To know complex thermodynamic and kinetic stability and complex geometry.

CO 8: To know fundamentals of organometallic chemistry, inorganic polymers and bio-inorganic chemistry.

CO 9: To understand the chemistry of transition elements.

CO 10: To understand the colligative properties of dilute water as well as the rules of symmetry.

CO 11: To know the spectroscopic methods to consider the molecule's atomic structure.

CO 12: To classify colors depending on the structure and mode of operation, peroration and use of colorants, medications and pesticides.

CO 13: To understand the photochemical and thermal reactions by radiation - matter interaction.

Attainment of Course 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	45
No. of Students attained Level "O"	00
No. of Students attained Level "A"	00
No. of Students attained Level "B"	05
No. of Students attained Level "C"	40
No. of Students attained Level "D"	11

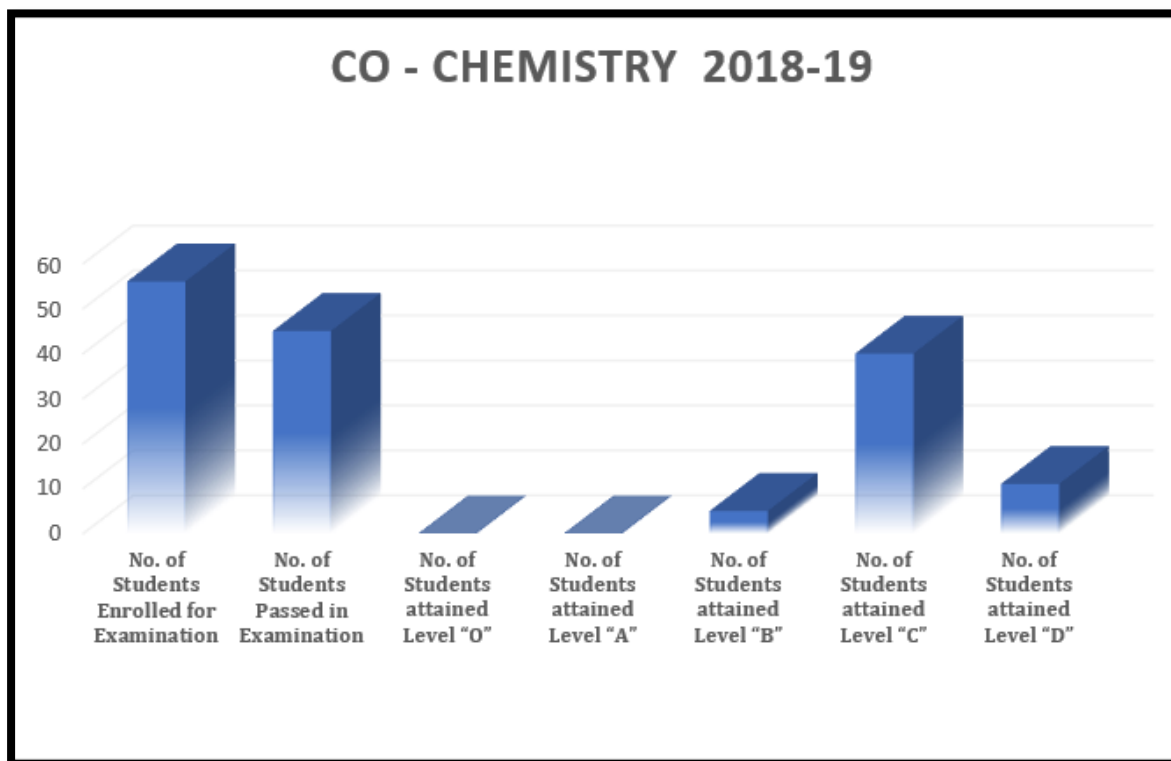
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Level "C": Students secured 40 to 45 % Marks

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Attainment of Course Outcome 2018-2019

**Head
Department of Chemistry**

**IQAC
Coordinator**

**Principal
Matoshree Vimalabai Deshmukh Mahavidyalaya,
Amravati**

Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati

Department of Chemistry

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

Academic Session 2019-2020

Attainment of Programme Outcome and Course Outcome

Programme: B.Sc.

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 1: To familiarize the students with the nature, technique and implementation of modern chemistry.

PO 2: To understand scientific and functional principles of instruments typically used in most areas of Chemistry.

PO 3: To perform experimental protection, transition, calculation, and prepare solutions as well as use physical properties to classify compounds and chemical reactions.

PO 4: To learn and understand how Chemistry is useful to societal, cultural, and environmental problems in relation to energy, medicine and health concerns of us society.

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

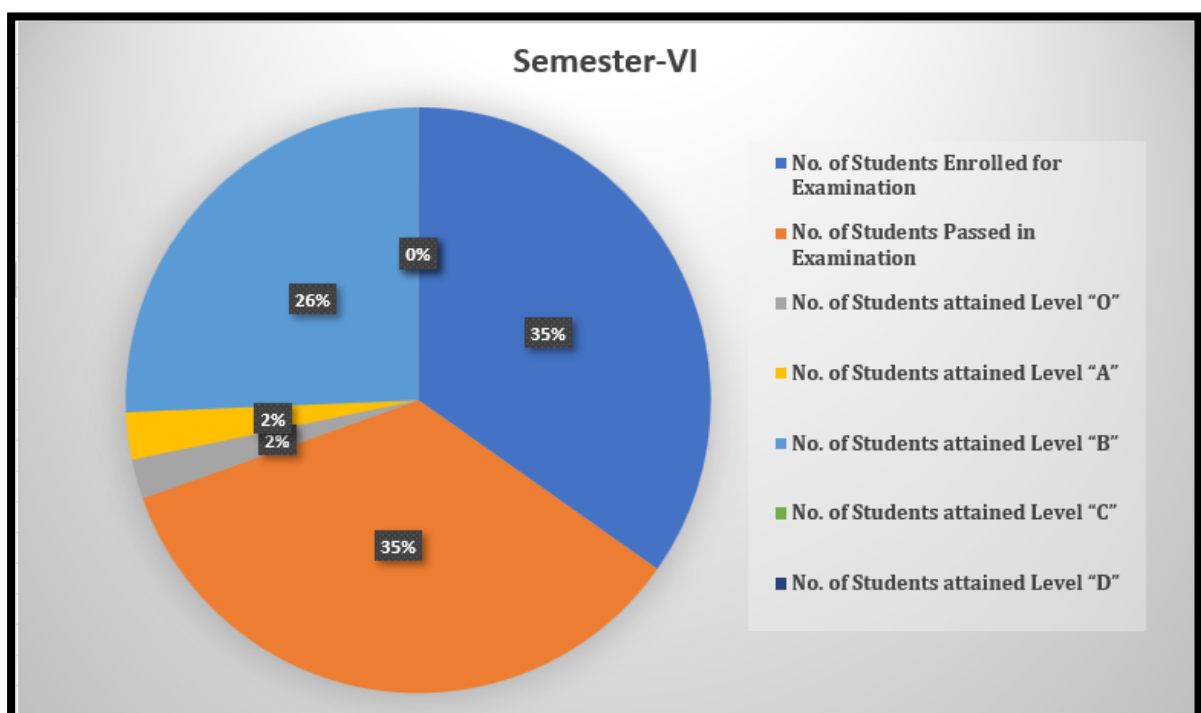
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Attainment of Programme Outcome 2019-2020

Attainment of Course Outcome:

Course: Chemistry

Course Code: -

CO (Course Outcomes)

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COs of B.Sc. "Chemistry"

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Attainment of Course 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"	80
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

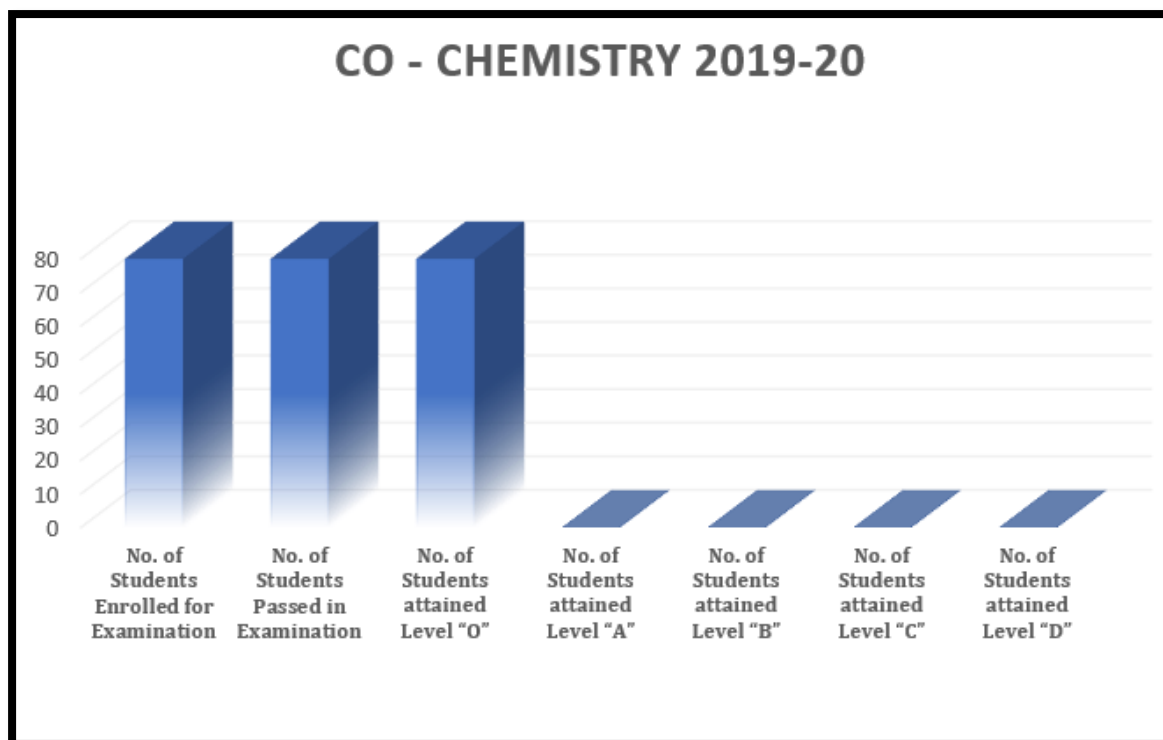
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Academic Session 2020-2021

Attainment of Programme Outcome and Course Outcome

Programme: B.Sc.

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 2: To understand scientific and functional principles of instruments typically used in most areas of Chemistry.
- PO 3: To perform experimental protection, transition, calculation, and prepare solutions as well as use physical properties to classify compounds and chemical reactions.
- PO 4: To learn and understand how Chemistry is useful to societal, cultural, and environmental problems in relation to energy, medicine and health concerns of us society.

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

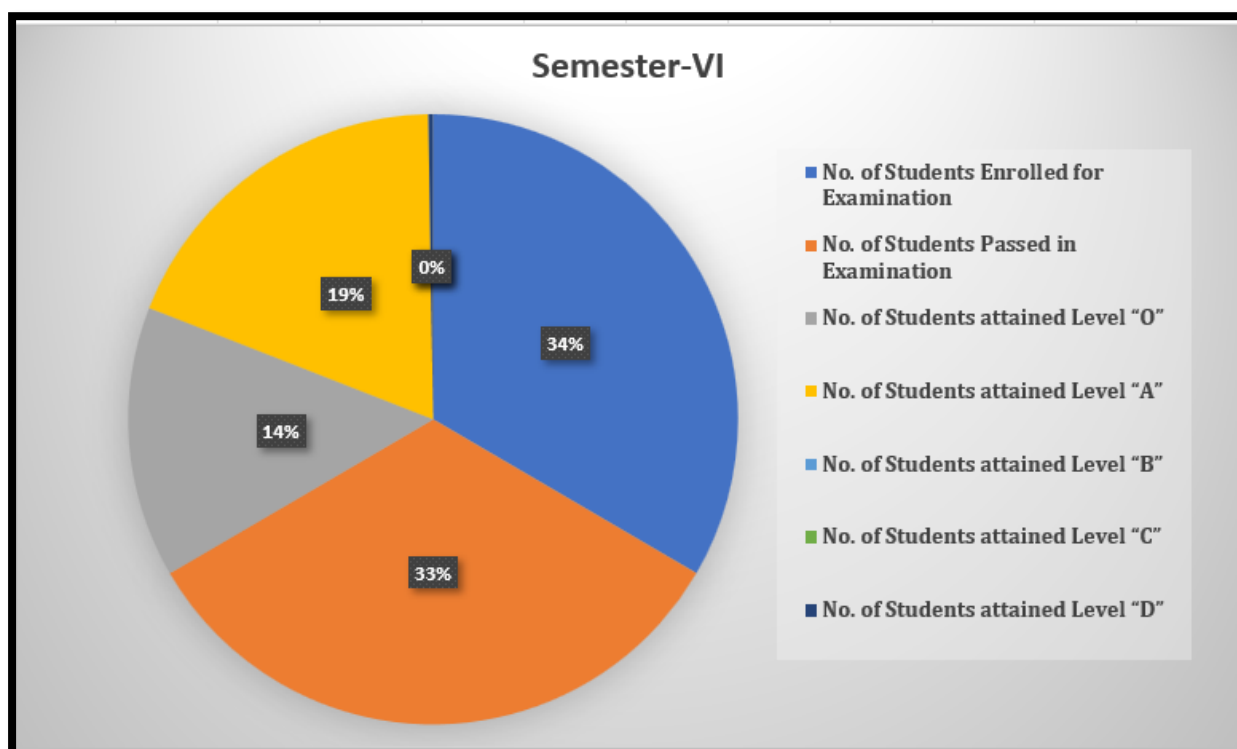
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Level “A”: Students secured 60-74% marks

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: Chemistry

Course Code: -

CO (Course Outcomes)

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Attainment of Course 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"	81
No. of Students attained Level "A"	44
No. of Students attained Level "B"	04
No. of Students attained Level "C"	05
No. of Students attained Level "D"	01

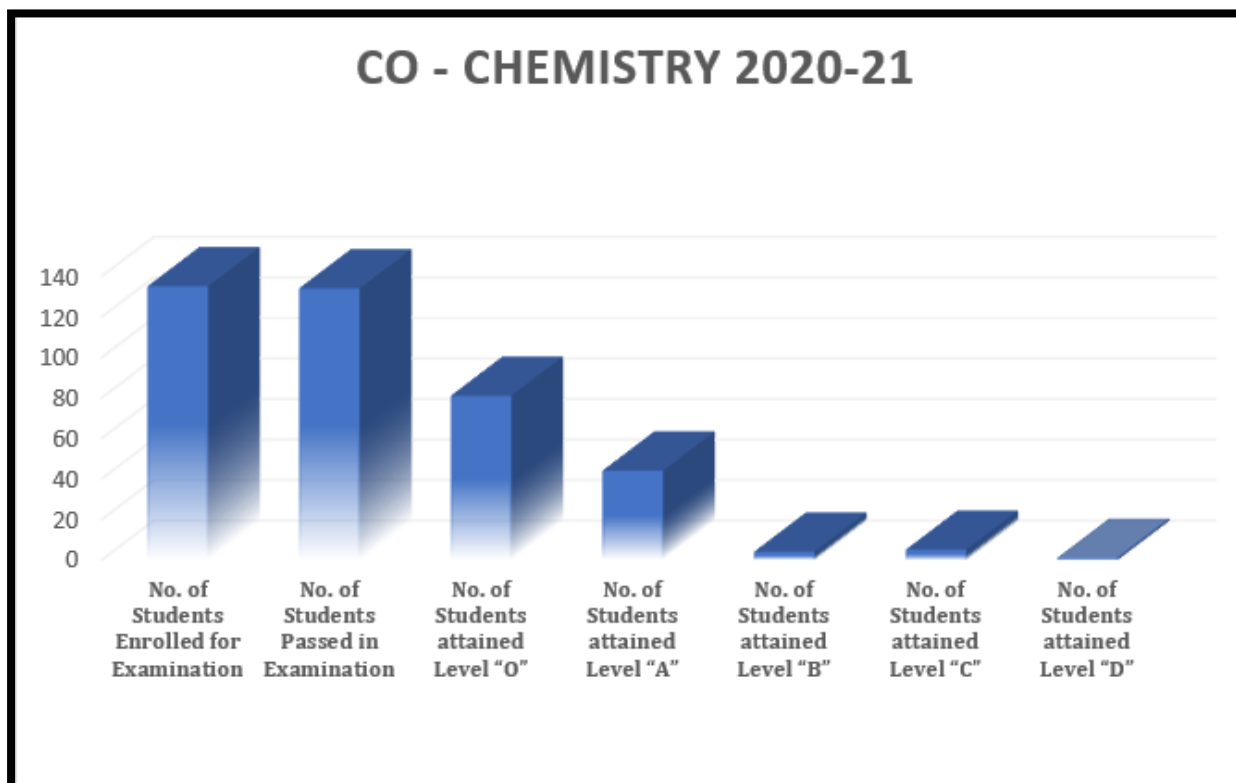
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Programme: B.Sc.

Year	2021-2022
No. of Students Enrolled	205

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

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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

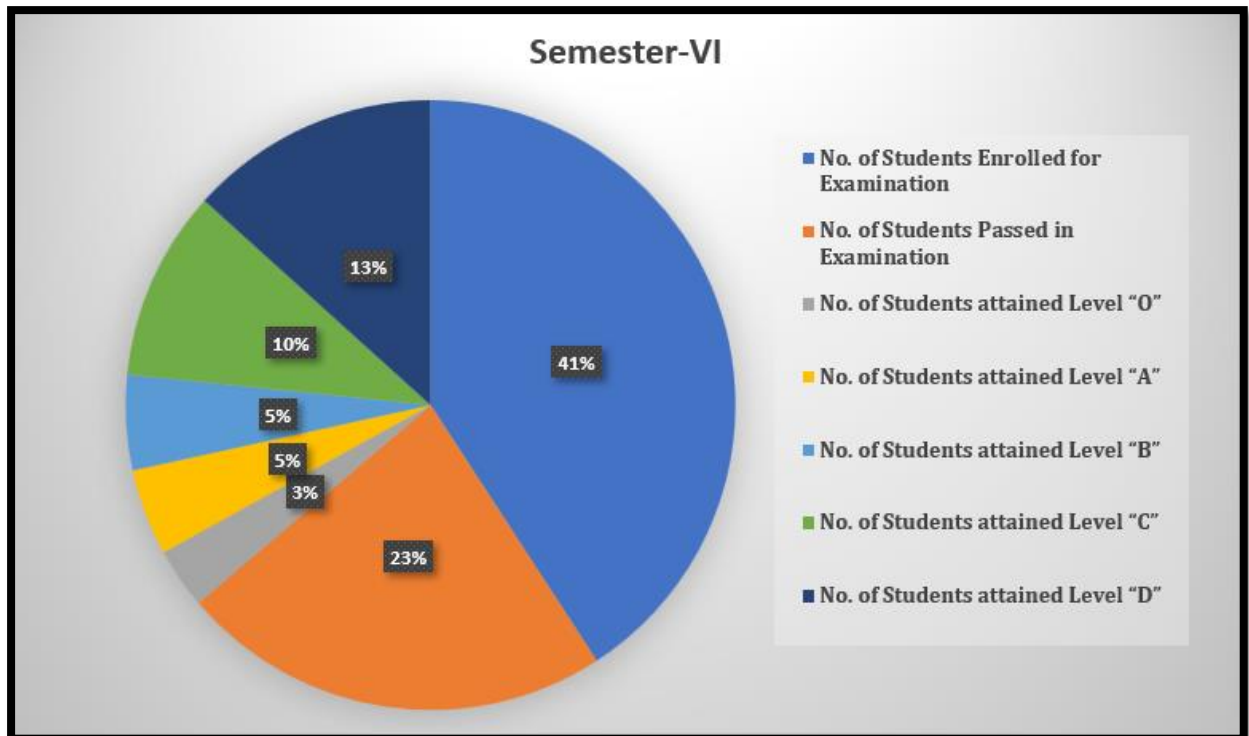
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Year 2021-2022	Semester -VI
No. of Students Enrolled for Examination	89
No. of Students Passed in Examination	53
No. of Students attained Level "O"	00
No. of Students attained Level "A"	00
No. of Students attained Level "B"	02
No. of Students attained Level "C"	51
No. of Students attained Level "D"	36

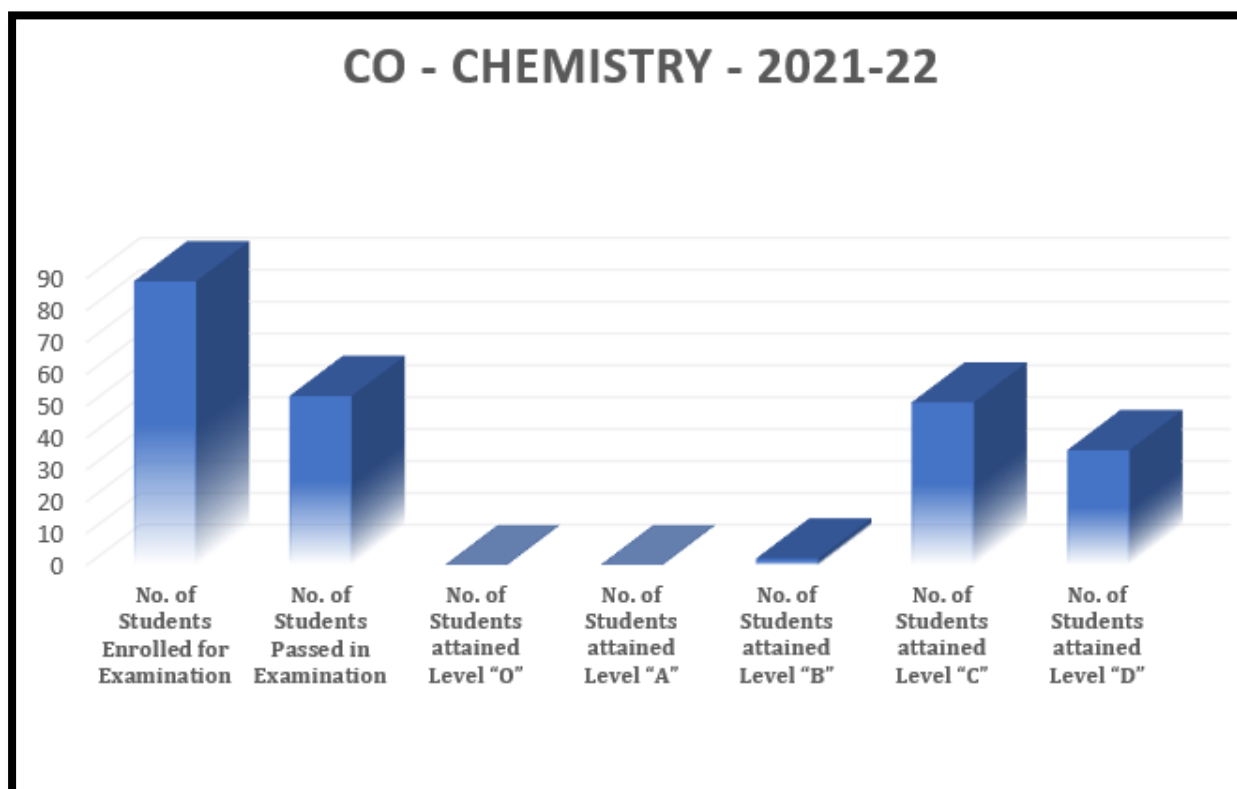
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