

GOVERNMENT DEGREE COLLEGE,
RAYACHOTY, YSR KADAPA DISTRICT, A.P.516269
(Accredited with C grade by NAAC)



Department of Physics
Academic Action Plan

(October 2022 - May 2023) (For Semesters I, III, V and II, IV, VI)

S. No	Month	Proposed Activities
1	October 2022	<ul style="list-style-type: none">- Departmental meeting to analyse results and prepare academic action plan- Admission campaigning for B.Sc. (Physics)- Commencement of classwork for I and III Semesters- Assignment distribution- Lab equipment inspection and maintenance- Orientation program for I Semester students
2	November 2022	<ul style="list-style-type: none">- Commencement of classwork for V Semester- Continued admission campaigning- Assignments on Mechanics, Thermodynamics, etc.- Student seminars on fundamental physics topics- Poster presentations on "Physics in Daily Life"
3	December 2022	<ul style="list-style-type: none">- World AIDS Day awareness activities- World Soil Day with focus on soil physics- Human Rights Day seminar- 1st Internal/Mid Exams- Remedial coaching for slow learners- Quiz competition on physics concepts- Observational session using telescopes
4	January 2023	<ul style="list-style-type: none">- 2nd Internal/Mid Exams- Student seminars on modern physics- Pongal Holidays- Republic Day Celebrations- Practical Exams for I and III Semesters- Syllabus revision classes- Inter-departmental physics puzzles and games
5	February 2023	<ul style="list-style-type: none">- YVU Semester-end Exams for I and III Semesters- Periodic Table Day Celebrations- International Mother Language Day- National Science Day – Science Exhibition, Guest Lectures- Invigilation/Observer duties
6	March 2023	<ul style="list-style-type: none">- Commencement of classwork for II and IV Semesters- Assignments- Group Discussion on emerging trends in Physics

S. No	Month	Proposed Activities
		<ul style="list-style-type: none"> - Women's Day celebrations – Women in Physics - Student seminars on electromagnetism - Lab skill development sessions
7	April 2023	<ul style="list-style-type: none"> - Project work / Long-term internships for V Semester students - Quiz competition (Optics, Nuclear Physics, etc.) - Assignment evaluation - 1st Internal/Mid Exams - Guest Lecture on "Recent Advances in Physics" - Student seminars
8	May 2023	<ul style="list-style-type: none"> - 2nd Internal/Mid Exams - YVU Practical Exams for II and IV Semesters - YVU Semester-end Exams for II and IV Semesters - Invigilation/Observer duties - Bridge courses and higher studies guidance - Student feedback collection



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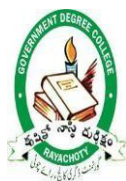


Department of Physics
Academic Action Plan

(September 2021 – April 2022) (For Semesters I, III, V and II, IV, VI)

S. No	Month	Proposed Activities
1	September 2021	<ul style="list-style-type: none">- Commencement of I, III, V Semester classes- Departmental meeting & action plan preparation- Orientation for I semester students- Syllabus distribution- Lab readiness check
2	October 2021	<ul style="list-style-type: none">- Regular theory & practical classes- Assignment distribution- Remedial coaching for slow learners- Student seminars- Quiz on basic physics concepts
3	November 2021	<ul style="list-style-type: none">- Independence Day celebrations- First Internal/Mid Exams for I, III, V Semesters- Group discussions- Physics model-making contest- Academic mentoring
4	December 2021	<ul style="list-style-type: none">- Second Internal/Mid Exams- Revision classes- Practical Examinations- Guest Lecture- Planning for semester-end theory exams
5	January 2021	<ul style="list-style-type: none">- YVU Semester-end Exams for I, III, V Semesters- Invigilation/Observer duties- Result review & performance analysis- Project guidance for V Semester students
6	November 2021	<ul style="list-style-type: none">- Commencement of II, IV, VI Semester classes- Dasara Holidays- Orientation for II Semester- Assignment distribution- Planning of internal exams
7	December 2021	<ul style="list-style-type: none">- World AIDS Day & World Soil Day awareness programs- First Internal/Mid Exams for II, IV, VI Semesters- Student seminars- Quiz competitions- Lab activities

S. No	Month	Proposed Activities
8	January 2022	<ul style="list-style-type: none"> - Pongal Holidays - Republic Day Celebrations - Second Internal/Mid Exams - Practical Examinations - Revision and internal marks finalization
9	February 2022	<ul style="list-style-type: none"> - YVU Semester-end Exams for II, IV, VI Semesters - National Science Day celebrations - Invigilation/Observer duties - Remedial sessions & career guidance workshops
10	March 2022	<ul style="list-style-type: none"> - Project work for VI Semester - Academic review meeting - NAAC/IQAC documentation - Proposal for lab upgrades - Stock verification
11	April 2022	<ul style="list-style-type: none"> - Departmental meeting for year-end planning - Internship plans for VI Semester students - Feedback collection (students & faculty) - Closure of academic year



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(November 2020 - August 2021) *(For Semesters I, III, V and II, IV, VI)*

S. No	Month	Proposed Activities
1	November 2020	<ul style="list-style-type: none">- Commencement of I, III, V Semester classes- Departmental meeting & action plan preparation- Orientation for I semester students- Syllabus distribution- Lab readiness check
2	December 2020	<ul style="list-style-type: none">- Regular theory & practical classes- Assignment distribution- Remedial coaching for slow learners- Student seminars- Quiz on basic physics concepts
3	January 2021	<ul style="list-style-type: none">- Independence Day celebrations- First Internal/Mid Exams for I, III, V Semesters- Group discussions- Physics model-making contest- Academic mentoring
4	February 2021	<ul style="list-style-type: none">- Second Internal/Mid Exams- Revision classes- Practical Examinations- Guest Lecture- Planning for semester-end theory exams
5	March 2021	<ul style="list-style-type: none">- YVU Semester-end Exams for I, III, V Semesters- Invigilation/Observer duties- Result review & performance analysis- Project guidance for V Semester students
6	April 2021	<ul style="list-style-type: none">- Commencement of II, IV, VI Semester classes- Dasara Holidays- Orientation for II Semester- Assignment distribution- Planning of internal exams
7	May 2021	<ul style="list-style-type: none">- World AIDS Day & World Soil Day awareness programs- First Internal/Mid Exams for II, IV, VI Semesters- Student seminars- Quiz competitions- Lab activities
8	June 2021	<ul style="list-style-type: none">- Pongal Holidays- Republic Day Celebrations

S. No	Month	Proposed Activities
		<ul style="list-style-type: none"> - Second Internal/Mid Exams - Practical Examinations - Revision and internal marks finalization
9	July 2021	<ul style="list-style-type: none"> - YVU Semester-end Exams for II, IV, VI Semesters - National Science Day celebrations - Invigilation/Observer duties - Remedial sessions & career guidance workshops
10	August 2021	<ul style="list-style-type: none"> - Project work for VI Semester - Academic review meeting - NAAC/IQAC documentation - Proposal for lab upgrades - Stock verification Departmental meeting for year-end planning - Internship plans for VI Semester students - Feedback collection (students & faculty) - Closure of academic year



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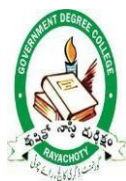


Department of Physics
Academic Action Plan

(June 2019 – April 2020) (For Semesters I, III, V and II, IV, VI)

S. No	Month	Proposed Activities
1	June 2019	<ul style="list-style-type: none">- Commencement of I, III, V Semester classes- Departmental meeting and planning- Orientation program for I Semester- Syllabus distribution & bridge course- Lab equipment maintenance
2	July 2019	<ul style="list-style-type: none">- Regular classwork- Assignment distribution- Student seminars (basic concepts)- Quiz competitions on Mechanics and Electromagnetism- Remedial coaching for slow learners
3	August 2019	<ul style="list-style-type: none">- Independence Day Celebrations- First Internal/Mid Exams- Poster presentation on “Applications of Physics in Real Life”- Group Discussion- Model-based learning activities
4	September 2019	<ul style="list-style-type: none">- Second Internal/Mid Exams- Practical Exams for I, III, V Semesters- Revision classes- Guest Lecture- Planning for semester-end exams
5	October 2019	<ul style="list-style-type: none">- YVU Semester-end Exams for I, III, V Semesters- Invigilation/Observer duties- Project progress review (V Semester)- Student performance assessment
6	November 2019	<ul style="list-style-type: none">- Commencement of II, IV, VI Semester classes- Orientation for II Semester- Assignment distribution- Introduction to advanced experiments- Dasara Holidays
7	December 2019	<ul style="list-style-type: none">- AIDS Day & World Soil Day Observations- First Internal/Mid Exams for II, IV, VI Semesters- Remedial classes- Quiz on Thermodynamics & Optics- Lab demonstrations

S. No	Month	Proposed Activities
8	January 2020	<ul style="list-style-type: none"> - Pongal Holidays - Republic Day Celebrations - Second Internal Exams - Practical Exams for II, IV, VI Semesters - Revision & Final internal assessments
9	February 2020	<ul style="list-style-type: none"> - YVU Semester-end Exams for II, IV, VI Semesters - National Science Day Celebrations - Science Exhibition & Guest Talk - Feedback from students - Planning for next cycle
10	March 2020	<ul style="list-style-type: none"> - Project work guidance - NAAC/IQAC Documentation update - Proposal for new lab equipment - Lab stock verification - Result analysis & academic review
11	April 2020	<ul style="list-style-type: none"> - Summer internship planning for VI Semester - Department meeting for academic closure - Compilation of student achievements - Career counseling & higher education awareness



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(June 2018 – April 2019)

S. No	Month	Proposed Activities
1	June 2018	<ul style="list-style-type: none">- Commencement of classwork for I, III, and V Semesters- Departmental meeting to plan academic calendar and teaching assignments- Admission campaigning for B.Sc. (Physics)- Orientation program for I Semester students- Assignment distribution- Lab equipment inspection and maintenance
2	July 2018	<ul style="list-style-type: none">- Continuation of classwork for I, III, V Semesters- Student seminars on basic physics concepts- Bridge courses for I Semester students- Assignments- Quiz competition on General Physics- Remedial coaching for slow learners- Independence Day Celebrations
3	August 2018	<ul style="list-style-type: none">- First Internal/Mid Exams- Poster presentations on “Physics in Everyday Life”- Group discussions on recent physics inventions- Assignments- Second Internal/Mid Exams- Revision classes for all semesters
4	September 2018	<ul style="list-style-type: none">- Practical exams for I, III, and V Semesters- Guest lecture by external physicist- Lab skill development sessions- Preparation for semester-end exams- YVU Semester-end Examinations for I, III, and V Semesters
5	October 2018	<ul style="list-style-type: none">- Invigilation/Observer duties- Student mentoring and performance review- Planning for next semester activities- Commencement of classwork for II, IV, and VI Semesters
6	November 2018	<ul style="list-style-type: none">- Orientation for new semester- Assignment distribution- Practical demonstrations on electronics, optics, etc.- Observational astronomy event (Night Sky Watching)- World AIDS Day and World Soil Day celebrations
7	December 2018	<ul style="list-style-type: none">- Human Rights Day observance- First Internal/Mid Exams for II, IV, VI Semesters

S. No	Month	Proposed Activities
8	January 2019	<ul style="list-style-type: none"> - Remedial classes for weaker students - Physics quiz competition - Lab maintenance check - Pongal Holidays - Republic Day Celebrations - Student seminars on Nuclear Physics / Modern Physics - Second Internal/Mid Exams - Practical exams for II, IV, and VI Semesters - Syllabus completion and revision
9	February 2019	<ul style="list-style-type: none"> - National Science Day Celebrations with exhibitions and model displays - Periodic Table Day observance - Guest lecture on “Career Opportunities in Physics” - Group discussions - Assignments and reviews - YVU Semester-end Examinations for II, IV, and VI Semesters
10	March 2019	<ul style="list-style-type: none"> - Invigilation/Observer duties - Project work review for VI Semester students - Feedback collection from students - Planning for next academic year - Summer internship guidance for outgoing students
11	April 2019	<ul style="list-style-type: none"> - Compilation of academic records - Departmental meeting to analyze academic performance - NAAC/ IQAC documentation update - Lab stock verification and proposals for equipment purchase