



NUTAN MAHAVIDYALAYA, SELU -431503
DIST. PARBHANI

Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.
NAAC Re-accredited B+ Grade

Dr. Uttam Rathod

Principal

Mobile No. 9421383319

Email - principalnutan@rediffmail.com

Action Taken Report

Introduction: An Action Taken Report is a crucial document of the college that outlines the actions and measures taken in response to the feedback provided by students. It serves as a formal record of the college's commitment to address student concerns and improve the overall quality of education and student experience.

- In today's dynamic educational landscape, feedback from students is considered invaluable as it provides insights into their needs, expectations, and areas for improvement. By actively soliciting and valuing student feedback, institutions can create a culture of continuous improvement and ensure that students' voices are heard and acted upon.


The Action Taken Report of the college acts as a bridge between students and the institution, demonstrating the institution's accountability and transparency in addressing student feedback. It outlines the specific actions taken by the institution to address the concerns and suggestions raised by students, showcasing a commitment to their welfare and educational experience.

Aims of Action Taken Report:

- It highlights the institution's responsiveness to student feedback, reinforcing a student-centric approach to education.
- It provides a record of the actions taken, enabling stakeholders to track progress and assess the effectiveness of the implemented measures.
- It serves as a communication tool, keeping students, faculty, and administration informed about the steps taken to address their concerns.


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Objectives of Action Taken Report:

To Enhance Teaching-Learning Practices: The primary aim of the Action Taken Report is to improve the quality of the teaching-learning process by implementing strategic measures based on student feedback. This includes enhancing teaching methodologies, incorporating innovative pedagogical techniques, and addressing any concerns related to the delivery of academic content.


To Optimize Library Services: Another key objective is to optimize library services to better cater to the academic needs of students. This involves assessing the availability and accessibility of resources, improving library facilities, and implementing measures to enhance the overall user experience for students utilizing library services.

To Streamline Office Services: The Action Taken Report aims to streamline office services to ensure efficient administrative processes and excellent student support. This includes addressing any issues related to administrative procedures, responsiveness of staff, and overall service delivery within the college office.

To Foster Holistic Development: The report aims to foster the holistic development of students by addressing their diverse needs and concerns beyond academic matters. This includes initiatives aimed at promoting extracurricular activities, enhancing student welfare services, and creating a supportive environment conducive to personal growth and well-being.

To Promote Continuous Improvement: Ultimately, the overarching aim of the Action Taken Report is to promote a culture of continuous improvement within the institution. By systematically analysing feedback, implementing targeted interventions, and monitoring outcomes, the college strives to enhance its educational practices, services, and overall student experience on an ongoing basis.


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Process of Action Taken against Feedback: The College prioritizes the holistic development and academic excellence of its students, recognizing that their feedback is invaluable in shaping educational practices. Through a systematic approach, feedback is collected from students across three pivotal areas: The teaching-learning process, library services, and office services. This feedback serves as a compass guiding the institution towards continuous improvement and refinement.

The process begins with the diligent analysis of the syllabus, dissecting its components to ascertain areas of strength and areas in need of enhancement. Based on the findings gleaned from this analysis, an action taken report is meticulously crafted, outlining strategic steps to address identified areas for improvement.


Facilitating this feedback loop are the dedicated subject teachers who serve as conduits between the student body and the academic decision-making bodies. Feedback, whether conveyed through email correspondence or oral communication, is collated and channelled to the Board of Studies (BoS) members of the affiliating university.

Notably, the current principal Dr. U.C. Rathod, who once played a pivotal role as a BoS member in the History department, contributes his insights and perspectives on the syllabus, enriching the feedback report with seasoned wisdom and academic acumen. Now Dr. R. M. Khadap is working as a BoS member in Zoology.

The commitment to excellence transcends disciplinary boundaries, as evidenced by Dr. B. K. Kumthekar from the Physics department. Dr. B. K. Kumthekar proactively engages in the feedback process, offering constructive suggestions for additions and deletions within the subject content. These recommendations are rooted in the


R. M. Khadap
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IQAC

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feedback garnered directly from students, reflecting a shared commitment to academic rigor and relevance.

In this spirit of collaboration and continuous improvement, the college remains steadfast in its mission to provide an enriching educational experience that empowers students and fosters lifelong learning.

The Action Taken Report typically covers a range of feedback categories, including academic resources, communication channels, career guidance, infrastructure, faculty quality, and more. Each feedback category is addressed individually, outlining the specific actions and initiatives undertaken to improve in those areas. The feedback was obtained through various channels, including surveys, focus groups, and individual meetings. The purpose of this report is to outline the steps taken to address the concerns and suggestions raised by the students and improve their overall experience.

- a. Conducted a comprehensive review of the existing resources and identified gaps.
- b. An attempt is made to increase the funding to acquire new resources and materials.
- c. Collaborated with faculty members and students to create a priority list for resource procurement.
- d. Implemented a centralized system to track and manage the availability of resources.
- e. Launched a campaign to raise awareness among students about the available resources.
- f. Assessed the existing communication channels and identified areas for improvement.
- g. Introduced a dedicated communication platform to enhance student-faculty and student-administration interactions.
- h. Conducted training sessions for faculty members and staff to improve communication skills.
- i. Established regular feedback mechanisms to ensure continuous improvement in communication.


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- j. Implemented a student feedback portal to address specific communication concerns.
- k. Developed a comprehensive career guidance program, including workshops, seminars, and one-on-one counseling sessions.
- l. Collaborated with industry professionals to provide real-world insights and opportunities for internships and placements.
- m. Strengthened the alumni network to facilitate mentorship and networking opportunities for current students.
- n. Established a career services office to provide dedicated support and resources for career development.
- o. Conducted regular surveys to assess the effectiveness of the career guidance program and made necessary improvements.
- p. Conducted a thorough assessment of the existing infrastructure and identified areas for improvement.
- q. An attempt is made to increased investment in infrastructure development, including building renovations and facility upgrades.
- r. Expanded library resources and study spaces to accommodate the growing student population.
- s. Improved maintenance processes to ensure timely repairs and upkeep of facilities.
- t. Established a student feedback mechanism to promptly address infrastructure-related concerns.
- u. Conducted faculty development programs focused on enhancing teaching methodologies and subject knowledge.
- v. Introduced a peer review system to promote continuous improvement and ensure teaching standards.
- w. Implemented a student evaluation system to collect feedback on faculty performance.
- x. Created a mentoring program to provide additional support and guidance for faculty members.
- y. Conducted regular faculty performance assessments to identify areas for improvement and provide necessary training.

These are some of the key actions taken based on the feedback received from students in the college. The college believes that these initiatives will lead to significant improvements in their academic experience and overall satisfaction. The college will continue to monitor the progress and make further enhancements as needed. By

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documenting the actions taken, the report provides a basis for evaluation and further enhancement. It enables the institution to measure its progress, identify areas requiring additional attention, and make informed decisions regarding future strategies and resource allocation. Overall, the Action Taken Report in the college is a testament to an institution's commitment to quality education and student welfare. It demonstrates a proactive approach to incorporating student feedback into the continuous improvement cycle, fostering an environment that values student input and contributes to a positive and enriching educational experience.

Evidence of Action Taken:



Request for one change in B Sc ty physics syllabus

message

bhagvat kumthekar <bkumthekar@gmail.com>
To: patil@associates.iucaa.in

Fri 11 May, 2018 at 8:37 PM

Respected sir,

Heartiest congratulations for making such a useful syllabus for Bsc students.

Here, I would like to suggest one change in DECP II Paper XIV.

Name - Atomic, Molecular and Nuclear Physics.

In this paper, unit 4 it consists of Thermal Nuclear reactor, the Neutron cycle. If possible please delete these two bits and include Nuclear fusion reaction (pp chain reaction) then energy production in stars (pp and CNO cycle) may be explained.

Rest of the syllabus is very nice and useful for their bright future.

Thanking you sir

Yours sincerely
Bhagvat

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7. Astronomy – Fundamentals and Frontiers – Robert Jastrow and M. H. Thompson

B.Sc. III Year PHYSICS

Semester – VI

Periods: 45

Paper –XIV

Marks: 40 External + 10 Internal

PHY304: Atomic, Molecular and Nuclear physics (Compulsory paper)

Unit I: Atomic Physics.

(15 Periods)

The Vector Atom Model, Quantum numbers associated with the vector atom model, LS and J-J coupling, The Pauli's exclusion Principle, Selection rules, Intensity rules, Interval rule, Normal Zeeman effect, Anomalous Zeeman effect, Stark effect.

Unit II: Molecular Spectra:

(08 Periods)

Regions of Electromagnetic Spectra, Theory of pure rotational spectra, Theory of rotation-vibration spectra, Raman Effect, Experimental study,

Unit III: Nuclear Fission and Nuclear Reactions

(10 Periods)

Discovery of Nuclear Fission, The fission products, The mass energy distribution of fission products, Energy release in fission, Kinds of nuclear reactions, Conservation laws Nuclear reaction kinematics,

Unit IV: Nuclear Energy Sources

(10 Periods)

Nuclear fission as source of energy, Chain reacting system, Thermal nuclear reactor, Energy production in stars, controlled thermonuclear reactions.

Books Recommended:

1. Modern physics- R. Murugesan, Kruthigaprasath. (S.Chand & Co.)
2. Atomic physics – J.B.Rajam. (S.Chand & Co.) .
3. Fundamentals of spectroscopy- C. N. Banwell
4. Nuclear Physics – D.C.Tayal (Himalaya Publishing House)
5. Nuclear Physics – Irving Kaplan
6. Introduction to Atomic Spectra: H E White, McGraw Book Company, Inc.
7. Basic Nuclear Physics- B. N. Shrivastav.

B.Sc. III Year PHYSICS

IQAC Coordinator

Director
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