ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

2020-21

ABOUT:

NEHRU ARTS AND SCIENCE COLLEGE KANHANGAD

REPORT OF THE ACADEMIC & ADMINISTRATIVE AUDIT 2020-21
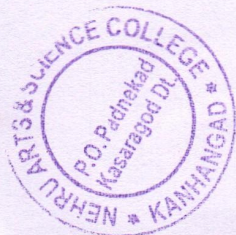
Period of Assessment: 2020-2021

Dates of Audit: 02-10-2021 to 04-10-2021

Audit Committee

1. Dr. Reeja P V – AMC Member, Nehru Arts and Science College Kanhangad
2. Dr. A Muralidharan –Former Principal Nehru Arts and Science College Kanhangad
3. Dr. KV Murali- IQAC Co-ordinator Nehru Arts and Science College Kanhangad
4. Dr.N T Supriya-Member IQAC Nehru Arts and Science College Kanhangad
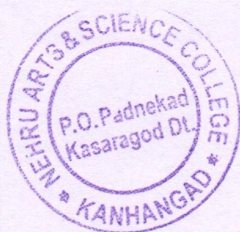
General Observations

1. The visionary management, coupled with the dedicated faculty and administrative staff, diligently strive to ensure quality across all aspects of this esteemed higher education institution.
2. Nehru Arts and Science College, Kanhangad, boasts a Diverse Academic Portfolio comprising 10 Undergraduate Programmes, 5 Postgraduate Programmes, and one Integrated MSc and a specialized Research Centre of Statistics.
3. The college is privileged to receive funding support from esteemed organizations such as RUSA and DST: FIST, which significantly contributes to its academic and research endeavors.

4. A total of 67 faculty and 23 administrative staff members contribute their expertise and dedication to the smooth functioning of the campus, ensuring a conducive learning environment for all stakeholders.

5. With student strength of 1326, the college caters to a diverse student body, fostering a dynamic and inclusive educational community.

6. In addition to its comprehensive academic offerings, the college provides 18 certificate courses, enriching the learning experience and enhancing students' skill sets.

7. The institution benefits from the active oversight of an IQAC (Internal Quality Assurance Cell), which diligently monitors and implements quality enhancement initiatives throughout the campus.

8. Nehru Arts and Science College, Kanhangad, has made significant strides in infrastructure development, providing modern facilities and amenities to support its academic and research pursuits, ensuring a conducive learning environment for all its stakeholders.

9. Updation of Hardware And Software parts of administrative section of the college.

10. Introduce 'E-Filing System' in the Administrative Process.

Curricular Aspects

1. Each department should strive to offer at least one certificate course to enrich the academic offerings and provide students with additional skills and knowledge beyond their core curriculum.

2. There is a need to expand the range of postgraduate courses offered by the college to cater to the diverse academic interests and career aspirations of students, thereby enhancing the institution's academic portfolio.

3. It is imperative to organize more industrial and educational visits across departments, ensuring that these visits are well-documented to track the learning outcomes and experiences gained by students.

4. Documentation of induction programs, bridge courses, and remedial programs should be enhanced to provide comprehensive records of these initiatives' effectiveness in supporting student learning and success.

5. Departments should conduct thorough analyses of feedback received from students, faculty, and other stakeholders to identify areas for improvement and implement necessary changes to enhance the quality of education and academic experiences offered by the institution.ds.

Students Support

1. The college aims to enhance student progression, recognizing the need for improvement in this area.

2. Efforts will be focused on enhancing placement training and organizing campus placement drives to better support students in securing employment opportunities.

3. Enhancements will be made to coaching for competitive exams to ensure effectiveness and better prepare students for academic and career challenges.

4. Each department will prioritize organizing capacity-building programs, particularly focusing on soft skill development and computing skills to empower students for success in diverse
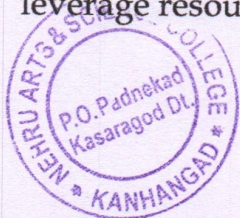
Teaching Learning

1. Establish partnerships with industry and community organizations to provide students with hands-on projects, internships, and research opportunities aligned with their academic interests.

2. Introduce comprehensive academic support programs including tutoring services, study groups, and peer mentoring to address individual student needs and enhance their chances of success.

3. Provide professional development workshops and resources for faculty members to improve their mentoring and teaching skills, including personalized coaching and feedback sessions.

4. Implement active learning techniques, flipped classroom models, and technology-enhanced teaching methods to foster student engagement, critical thinking, and deep understanding of course material.

Research and Extension

1. Acknowledge the need to enhance the college's research output as it currently falls below the expected standard.

2. Establish a requirement for each faculty member to publish at least one paper in UGC CARE listed journals, thereby promoting a culture of research excellence.

3. Focus on strengthening MoUs and collaborations with external partners to leverage resources and expertise for research activities.

4. Implement a system to document extension activities through geo-tagged photos to ensure accountability and transparency in reporting.
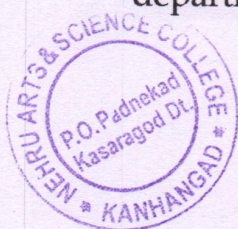
Environmental Initiatives
1. Increase the frequency of gender equity programs to promote inclusivity and equality within the college community.

2. Implement gender audits to assess and address gender-related issues and ensure fairness and equal opportunities for all.

3. Departments will organize programs focusing on energy conservation to promote environmental sustainability and responsible resource management.

4. Encourage all departments to develop their best practices aligned with institutional standards, fostering a culture of innovation and excellence in environmental initiatives.

Mathematics:
1. Faculty members demonstrate excellent publication records in UGC CARE   Listed journals.
2. Prioritize improving academic results through dedicated focus on remedial coaching.
3. Arrange educational field visits for second-year undergraduate students to enhance practical learning experiences.

Physics:
1. Organize a Science Fest to ignite scientific curiosity and engagement among students.
2. Enhance documentation practices to ensure comprehensive records of departmental activities.

3. Facilitate regular career coaching sessions by both external experts and department faculty.

4. Improve the realism and effectiveness of virtual labs to provide enriching learning experiences for students.
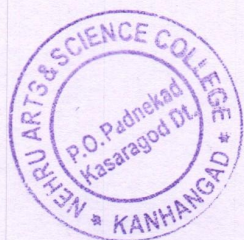
Chemistry

1. Strengthen the departmental Alumni Association to foster a sense of community and support.

2. Implement strategies to enhance academic performance.

3. Ensure accurate and up-to-date maintenance of stock registers by the HoD.

4. Plan for the renovation of the Degree lab and bolster extension activities.

Botany:

1. Focus on making new laboratory facilities fully functional and consider digitizing the herbarium for improved accessibility.

2. Engage in community outreach programs to raise awareness about organic farming practices.

3. Expand add-on courses and promote the use of ICT tools for enhanced learning.

3. Initiate quality enhancement programs for faculty and improve academic outcomes.

4. Ensure proper maintenance and utilization of the Botanical Garden, and explore opportunities for green extension programs.

Economics:

1. Implement measures to enhance academic performance and encourage student involvement in co-curricular activities.

2. Establish and maintain a departmental library to support research and learning.

3. Enhance ICT usage and streamline documentation processes for efficiency.

4. Foster collaborations with nearby institutions and provide practical experiences for students.

5. Increase the frequency of programs focusing on constitutional obligations.
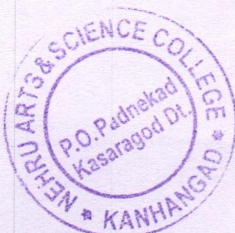
History

1. Maintain a positive work environment within the department and focus on improving academic results.

2. Strengthen connections with alumni to leverage their support and expertise.

3. Provide internship opportunities for students to gain practical experience in the field.

4. Organize programs to deepen students' understanding of constitutional obligations.

English:

1. Organize diverse co-curricular programs and prioritize efforts to improve academic outcomes.

2. Strengthen collaborations with external partners and secure MoUs to enhance opportunities for students.

3. Promote gender-equity programs and maximize the use of the Language lab for language skill development.

4. Initiate additional linguistic skill development programs and improve documentation practices.

Department of Computer Science

1. Encourage faculty participation in professional development activities to enhance academic qualifications.

2. Strengthen ties with industry partners to facilitate student placements and career opportunities.

3.Optimize the use of ICT facilities and initiate extension programs to engage with the broader community.

Commerce

1.Focus on improving academic performance and integrating field-based project activities into the curriculum.

2. Expand extracurricular activities within the commerce domain to enrich student experiences.
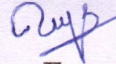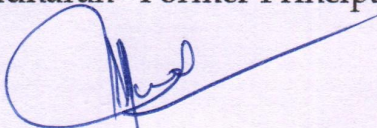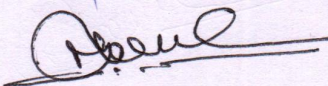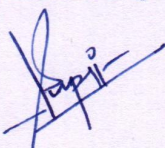
Zoology

1. Organize programs aimed at addressing societal needs and ensure meticulous documentation practices.
2. Establish a pilot plant for practical training and research purposes.
3. Encourage student involvement in research, development, and training activities.
4. Work towards obtaining NABL accreditation for the laboratory and promote gender equality initiatives.

Malayalam

1. Ensure all departmental documentation is properly maintained and authenticated.
2. Define course outcomes for each program to guide student learning effectively.
3. Consider acquiring Smart TV technology to enhance teaching and learning experiences.

Audit Committee Members   and Signature

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नेहरु आर्ट्स एंड साइंस कॉलेज कांजंगाड

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NAAC RE-ACCREDITED WITH 'A' GRADE

Government Aided College - Affiliated to Kannur University

ACTION TAKEN ON THE BASIS OF

ACADEMIC AND ADMINISTRATIVE

AUDIT REPORT

2020-21

NEHRU ARTS AND SCIENCE COLLEGE KANHANGAD

(Govt. Aided Private Institution Affiliated to Kannur University)

P.O. Padnekat, Kasaragod, Kerala - 671314

NAAC Re-Accredited with 'A' Grade (3rd Cycle)

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Action Taken Report (2020-2021) on Academic & Administrative Audit

Curricular Aspects:

1. Introduction of Certificate Courses:

   - Each department introduced at least one certificate course to diversify academic offerings and enhance students' skill sets.

   - Course details communicated to students through updated course catalogs and online platforms.

2. Expansion of Postgraduate Courses:

   - Two new postgraduate courses were proposed and are currently under review by the academic council to cater to the diverse academic interests of students.

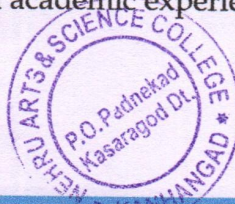3. Organization of Industrial and Educational Visits:

   - Departments increased the frequency of industrial and educational visits, ensuring thorough documentation of learning outcomes and experiences.

   - Implemented an online feedback system for students to provide insights into the effectiveness of these visits.

4. Documentation Enhancement:

   - Departments improved documentation practices for induction programs, bridge courses, and remedial programs to provide comprehensive records of their effectiveness.

   - Implemented periodic reviews to assess the impact of these programs on student learning and success.

5. Feedback Analysis:

   - Conducted thorough analyses of feedback received from students, faculty, and stakeholders to identify areas for improvement and implement necessary changes to enhance the quality of education and academic experiences.

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Student Support Activities:

1. Student Progression Enhancement:

   - Initiated programs to provide additional support for student progression, including academic counseling and career guidance sessions.

   - Implemented monitoring mechanisms to track student progress and intervene when necessary to address academic challenges.

2. Placement Training and Drives:

   - Enhanced placement training modules and organized campus placement drives with increased industry participation.

   - Strengthened ties with industry partners to provide students with internship opportunities and facilitate job placements.

3. Competitive Exam Coaching:

   - Revised coaching programs for competitive exams to align with changing exam patterns and requirements.

   - Conducted mock tests and practice sessions to better prepare students for competitive exams.
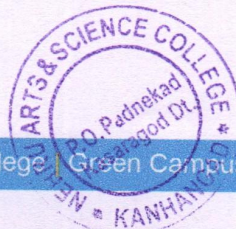
4. Capacity-Building Programs:

   - Departments organized a series of capacity-building programs focusing on soft skills development, computing skills, and interdisciplinary knowledge enhancement.

Teaching Learning:

1. Industry and Community Partnerships:

   - Established partnerships with industry and community organizations to provide students with practical projects, internships, and research opportunities.

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- Integrated real-world examples and case studies into course curriculum to enhance relevance and application-oriented learning.

2. Academic Support Programs:

- Introduced academic support programs such as tutoring services, study groups, and peer mentoring to address individual student needs and enhance learning outcomes.

- Conducted faculty development workshops on effective mentoring and teaching strategies.

3. Active Learning Techniques:

- Implemented active learning techniques, flipped classroom models, and technology-enhanced teaching methods to promote student engagement and deeper understanding of course material.

- Encouraged faculty members to incorporate interactive elements into their teaching practices.

Research and Extension:
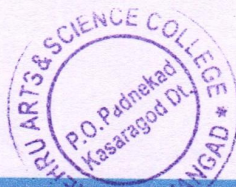
1. Research Output Enhancement:

- Instituted measures to enhance the college's research output, including faculty mentoring programs and research grants.

- Emphasized the importance of publishing in UGC CARE listed journals and provided support for faculty publication endeavors.

2. Collaboration Strengthening:

- Strengthened MoUs and collaborations with external partners to facilitate joint research projects and resource sharing.

- Established a centralized system to document extension activities and community engagements to ensure accountability and transparency.

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Environmental Initiatives:

1. Gender Equity Programs:

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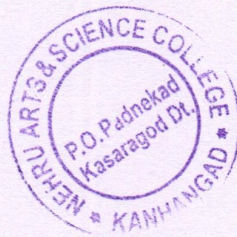
  - Conducted gender audits to identify and address gender-related issues and promote equal opportunities for all.
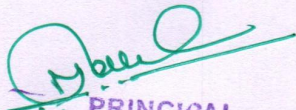
2. Energy Conservation:

  - Organized programs focusing on energy conservation and sustainable practices to promote environmental sustainability.

  - Encouraged departments to develop best practices aligned with institutional standards to foster innovation and excellence in environmental initiatives.

Overall, Nehru Arts and Science College, Kanhangad, has made significant progress in addressing the recommendations outlined in the 2020-2021 Academic & Administrative Audit, demonstrating a commitment to continuous improvement and excellence in higher education.

PRINCIPAL
NEHRU ARTS & SCIENCE COLLEGE
KANHANGAD