ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

2022-23

ABOUT:

NEHRU ARTS AND SCIENCE COLLEGE KANHANGAD

REPORT OF THE ACADEMIC & ADMINISTRATIVE AUDIT 2022-2023

Period of Assessment : 2022-2023
Dates of Audit : 03-04-2023 to 05-04-2023

Audit Committee

1. Dr. K V Murali – Principal, Nehru Arts and Science College Kanhangad
2. Dr. A Muralidharan –Accreditation Ambassador- UGC Paramarsh, NAAC Peer Team Member & Former Principal.
3. Dr. T Dinesh- IQAC Coordinator , Nehru Arts and Science College Kanhangad
4. Dr. Agretious Thomas K, Co-ordinator ,AMC, Nehru Arts and Science College Kanhangad

General Observations

Based on the provided information, here's a summary of the general observations about the higher education institution:
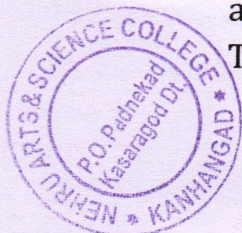
1. **Accreditation Preparation.**

   Currently, the college is preparing for its fourth cycle of accreditation, with numerous quality enhancement measures underway.

2. **Program Offerings**

   The institution offers a total of 10 Undergraduate (UG) Programs, 5 Postgraduate (PG) Programs, One Integrated MSC Programme and operates one Research Centre.

3. **Funding**

   The college receives funding from both RUSA (Rashtriya Uchchatar Shiksha Abhiyan) and DST-FIST (Department of Science and Technology - Fund for Improvement of Science and Technology Infrastructure).

4. **Staff**

   There are 74 faculty members and 28 administrative staff members employed at the institution.

5. **Student Enrollment**

   The current student population stands at 1470.

6. **Certificate Courses**

   The college provides 22 Certificate Courses to students.

7. **Quality Assurance**

   An active Internal Quality Assurance Cell (IQAC) is in place to monitor and oversee the institution's quality initiatives.

8. **Innovation and Entrepreneurship**

   The institution houses a recognized Entrepreneurship Development Club (IEDC).

9. **Incubation Centre**

   There's an Incubation Centre within the campus premises, likely supporting entrepreneurial ventures and startups.

10. **Industry Collaborations**

    The college has established 30 Memoranda of Understanding (MoUs) with various industries, fostering collaboration and partnerships.

11. **Infrastructure Development**

    Significant progress has been made in the development of the college's infrastructure, including new PG Block .

12. **Completed office software automation and the Fully Equipped Office Furnishing finished.**

13. **Commendable works in Faculties Promotions, Arrears for faculties and pensioners (Zero File Pending)**

Curricular Aspects

1. Introduce more employability-focused certificate courses with clear outcomes.
2. Expand postgraduate programs to align with emerging industry trends.
3. Organize and document more industrial and educational visits for practical exposure.

4. Implement course planning through OBE via the academic management system.
5. Improve documentation of induction and support programs while focusing feedback actions

Teaching Learning

1. Encourage teachers to pursue doctoral degrees for enhanced expertise.
2. Implement innovative, student-centered teaching methods.
3. Increase e-content generation by teachers.
4. Utilize blended learning and ICT effectively in classrooms.
5. Ensure all teachers are proficient in mapping outcomes in the OBE system.

Research and Extension

1. Eight Faculties Awarded Guideship in different subject by the University
2. Establishing additional research centers can further facilitate academic exploration and innovation.
3. Encouraging faculty to publish in UGC CARE listed journals enhances the institution's academic reputation and contribution to knowledge dissemination.
4. Securing more Memorandums of Understanding (MoUs) can broaden collaboration opportunities and strengthen institutional partnerships.
5. Documenting all extension activities ensures their impact and efficacy are recognized and can serve as a foundation for future initiatives.

Infrastructure

1. Take initiative to fix Interactive Boards in the Class Rooms
2. Revamping laboratories is crucial to ensure they meet modern standards and provide students with optimal resources for practical learning experiences.

3. The existing facilities for differently-abled individuals are ample and satisfactory, reflecting the institution's commitment to inclusivity and accessibility.
4. Improving the student-computer ratio is essential to ensure equitable access to technological resources and support academic endeavors.
5. Enabling more classrooms with ICT facilities will facilitate interactive and modern teaching methodologies, enhancing the overall learning experience for students.
6. Fully equipping the language lab with communication software is necessary to provide students with comprehensive language learning opportunities, aligning with the institution's commitment to fostering linguistic proficiency.

Student Support Activities

1. Enhancing student progression and placement rates is a priority for the institution, necessitating concerted efforts to better prepare students for their careers.
2. Improving placement training and organizing more effective campus placement drives can significantly enhance students' opportunities for securing employment.
3. Strengthening coaching for competitive exams is essential to empower students to excel in various career paths and further their academic pursuits.
4. Organizing capacity building programs, particularly focusing on linguistic communication and computing skills, across all departments can equip students with essential competencies for success in the modern job market.
5. 5.Conduct CONVOCATION Programmes for UG and PG Students

Departmental Observations

Department of Commerce:

1. Commerce department's academic performance, while satisfactory, aims for higher standards, showing continuous improvement efforts.
2. Proposal includes integrating hands-on field-based projects to enrich the curriculum.
3. These initiatives offer practical applications, bridging theoretical knowledge with real-world scenarios.
4. Advocating for increased commerce-focused workshops, seminars, and conferences to stimulate academic discourse.
5. Such events facilitate academic dialogue, knowledge sharing, and professional advancement.
6. Encouraging faculty to intensify research involvement for enhanced departmental reputation.
7. Acknowledging faculty and student contributions to extension activities, promoting societal engagement.
8. Emphasizing the importance of accurate record-keeping for transparency and accountability.
9. Additionally: Faculty actively participate in research programs, showcasing improvement. Student outcomes and placements demonstrate progression.

Department of English:

1. Aim for enhanced academic outcomes.
2. Foster student involvement in extracurricular pursuits.
3. Develop a fully-equipped departmental library.
4. Enhance connections within the department's alumni network.
5. Enhance ICT integration for educational purposes.
6. Improve efficiency in document management.
7. Recognize initiatives promoting students' linguistic abilities.

Department of Malayalam:

1. The department hosts diverse co-curricular activities for student engagement.
2. Academic results require enhancement.
3. Prioritize collaborations and MoU acquisitions.
4. Strengthen gender-equity initiatives within the department.
5. Optimize Language lab utilization for better outcomes.
6. Enhance documentation practices for efficiency.
7. Commendations for departmental awards and program diversity.

Department of Economics:

1. Elevate economics department results as a priority for academic progress, while acknowledging resource constraints.
2. Promote student engagement in co-curricular activities, balancing academic demands.
3. Establish a well-equipped departmental library to enrich research resources, despite the need for significant investment.
4. Strengthen alumni connections for networking benefits, despite challenges in engagement or dispersion.
5. Recognize good ICT usage and strive for further improvements, considering budget limitations.
6. Ensure timely and updated documentation for operational efficiency, with additional support and training.
7. Initiate MoUs with nearby institutions for collaboration, despite potential bureaucratic challenges.
8. Award scholarships to top-performing university students, necessitating long-term financial planning.

Department of History:

1. Nurture a positive ambiance in the staffroom for better collaboration.
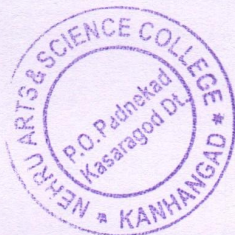2. Highlight the need for academic result enhancement.

3. Strengthen alumni relationships to expand networking prospects.
4. Facilitate student internships with government bodies for hands-on experience.
5. Arrange events focusing on constitutional obligations and historical museum visits to encourage exploration.
6. Enhance documentation protocols and bolster research efforts.

Department of Botany:

1. Faculty expertise in examinations, publications, and webinars elevates academic standards.
2. Insufficient webinars indicate the necessity for broader academic outreach.
3. Add-on courses and counseling services provided may necessitate evaluation.
4. Innovative practices and collaborations drive academic excellence.
5. Prioritize improving academic results and placement opportunities for continuous growth.

Department of Chemistry:

1. Encourage faculty to elevate research contributions for academic recognition.
2. Enhance alumni association engagement for stronger connections.
3. Enhance teaching methods to improve academic outcomes.
4. Maintain updated stock registers for efficient resource management.
5. Modernize degree lab facilities for enhanced learning experiences.
6. Enhance extension activities for community involvement and aim for continuous enhancement.

Department of Mathematics:

1. Hosts diverse student programs like math games and Sudoku competitions.
2. Identifies areas for improvement based on current results.
3. Prioritizes remedial coaching to assist struggling students effectively.
4. Arranges field visits for practical learning among second-year undergraduate students.
5. Offers short courses focusing on specific mathematical topics.

Department of Physics:

1. Initiate Science Fest to encourage student participation in scientific exploration, complemented by departmental add-on courses.
2. Improve documentation standards to enhance communication clarity.
3. Provide consistent career coaching sessions led by external experts and faculty, while also supporting faculty research endeavors.
4. Enhance virtual lab realism with supplementary resources.
5. Foster faculty and student skills through capacity-building programs and collaborative MOUs.
6. Implement measures to enhance academic results department-wide.

Department of Statistics:

1. Highlight the Statistics Department's research emphasis.
2. While most faculty possess doctorates, the department requires reinforcement.
3. Obtain supplementary programming language resources.
4. Provide data analysis workshops to bolster student proficiency.
5. Enhance research dissemination and productivity.
6. Enhance academic performance.
7. Arrange job fairs to encourage exploration of the subject.

Department of Zoology

1. Diverse student programs are hosted by the Zoology Department.
2. Advocate for increased student involvement in zoological research and training.
3. Improve laboratory infrastructure for enhanced learning experiences.
4. Acknowledge dedication to specimen preservation efforts.
5. Commend faculty members for their research-oriented approach and talent.
6. Encourage faculty to pursue opportunities as research supervisors.

Academic Audit Team 2022-23

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    Principal,
    Nehru Arts and Science College Kanhangad.

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    Accreditation Ambassador UGC Paramarsh,
    NAAC Peer Team Member & Former Principal.

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ACTION TAKEN ON THE BASIS OF

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

2022-23

NEHRU ARTS AND SCIENCE COLLEGE KANHANGAD

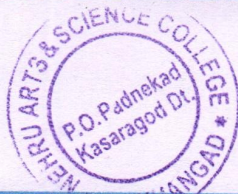(Govt. Aided Private Institution Affiliated to Kannur University)
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<u>Based on the findings of the academic and administrative audit conducted during the period 2022-2023 at Nehru Arts and Science College Kanhangad, the following actions have been taken:</u>

1. Implemented additional employability-focused certificate courses to enhance student outcomes.

2. Expanded postgraduate programs to align with emerging industry trends and demands.

3. Enhanced documentation and organization of industrial and educational visits for practical exposure.

4. Implemented Outcome-Based Education (OBE) course planning through the academic management system.

5. Strengthened induction and support programs while prioritizing feedback actions for continuous improvement.

6. Encouraged faculty to pursue doctoral degrees for advanced expertise and academic growth.

7. Introduced innovative, student-centered teaching methodologies to enhance learning experiences.

8. Increased e-content generation by faculty members to support digital learning initiatives.

9. Enhanced utilization of blended learning and Information and Communication Technology (ICT) tools in classrooms.

10. Provided training to ensure all faculty members are proficient in mapping outcomes in the OBE system.

11. Established additional research centers to facilitate academic exploration and innovation.

12. Encouraged faculty to publish in UGC CARE listed journals to enhance academic reputation.

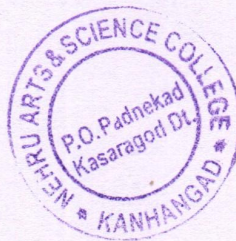# NEHRU ARTS AND SCIENCE COLLEGE KANHANGAD

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13. Secured additional Memorandums of Understanding (MoUs) to broaden collaboration opportunities.

14. Undertook initiatives to revamp laboratories and improve infrastructure to meet modern standards.

15. Strengthened student support activities, including placement training and coaching for competitive exams, to enhance student progression and employability.

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