



MORAN COLLEGE

Two Best Practices (as per NAAC Format) For AQAR 2023-2024

Best Practice 1: Regular Conduct of Quality Audits

1. Title of the Practice: Ensuring Excellence through Regular Quality Audits: Sustainability, Academic Integrity, and Administrative Efficiency

2. Objectives of the Practice:

- To ensure environmental sustainability through periodic **Green and Energy Audits**.
- To assess and enhance academic and administrative efficiency via **Academic and Administrative Audits (AAA)**.
- To promote inclusivity and gender equity through **Gender Audits**.
- To adhere to quality benchmarks and continuous institutional improvement.
- To align with the recommendations of NAAC and other accreditation agencies.

3. The Context: In the pursuit of excellence, Moran College acknowledges the importance of **regular quality audits**. Environmental consciousness, academic integrity, and administrative efficiency are fundamental pillars of the institution's development. By conducting structured audits, the college ensures adherence to best practices and proactively identifies areas for enhancement. Gender audits further reinforce the institution's commitment to an inclusive and equitable educational environment. The initiative aligns with NAAC's **quality mandates**, ensuring transparency and accountability.

4. The Practice:

- **Green and Energy Audit:** Evaluates the institution's carbon footprint, energy consumption, and waste management strategies. It aids in implementing energy conservation measures and sustainable practices.
- **Academic and Administrative Audit (AAA):** A systematic review of academic programs, research contributions, teaching-learning methodologies, and governance structures to ensure academic excellence and administrative efficiency.
- **Gender Audit:** Assesses gender representation, inclusivity in policies, safety measures, and gender-sensitive infrastructure to foster an equitable environment.
- **Audit Mechanism:** The audits are conducted by **external experts** through structured methodologies, including data analysis, surveys, feedback mechanisms, and field observations.

- **Corrective Measures:** Based on audit findings, the institution formulates action plans, implements necessary reforms, and monitors progress through follow-up audits.

5. Evidence of Success:

- Reduction in energy consumption through the adoption of solar panels and LED lighting systems.
- Improvement in academic outcomes, research publications, and faculty development programs.
- Enhanced administrative efficiency through streamlined governance and digital record-keeping.
- Strengthened gender-sensitive policies, safety measures, and infrastructure modifications.
- Positive feedback from stakeholders, including students, faculty, and accreditation bodies.

6. Problems Encountered and Resources Required:

- **Challenges:**
 - Resistance to change in implementing new policies and recommendations.
 - Financial constraints in executing energy-efficient infrastructure upgrades.
 - Limited awareness about the significance of gender audits and inclusivity measures.
- **Resources Required:**
 - External expert consultation for comprehensive audits.
 - Financial support for sustainable energy initiatives and digital infrastructure.
 - Awareness programs to educate stakeholders on audit findings and necessary actions.

7. Future Prospects:

- Establishing a dedicated **Quality Assurance Cell (QAC)** to oversee regular audits and implementation of best practices.
- Expanding the scope of audits to include **ICT audits and financial audits** for a holistic institutional review.
- Strengthening collaborations with government bodies and NGOs to enhance sustainability and gender inclusivity initiatives.
- Incorporating student and faculty training programs to develop awareness about sustainable practices and institutional governance.

This practice reflects Moran College's commitment to fostering a **quality-centric, sustainable, and inclusive academic environment**, ensuring continued compliance with national and global accreditation standards.

Photos for the Best Practice 1: Regular Conduct of Quality Audits1. Conduct of Green Audit





Rain water harvesting system



Drinking water taps



Various types of dustbins in the college campus



Signboard to make the campus plastic free



Signboard against smoking



Signboard against noise pollution



Signboard against noise pollution

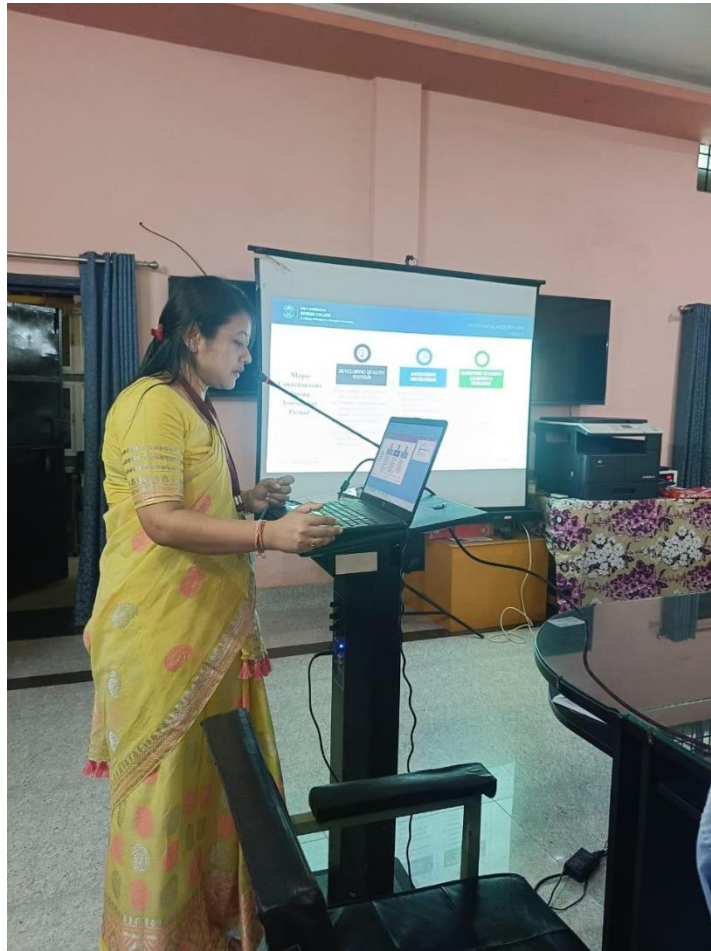
2. Conduct of Energy Audit



Link to Green and Energy Audit Report:

https://www.morancollege.com/wp-content/uploads/forminator/7330_acc26c177c377f943d033b39d0dc4d53/uploads/BEHdV8X8W7nK-Green-and-Energy-Audit-Report.pdf

3. Conduct of Academic and Administrative Audit (AAA)



Link to AAA Report:

https://www.morancollege.com/wp-content/uploads/forminator/7330_acc26c177c377f943d033b39d0dc4d53/uploads/612fj0Sorijd-AAA_Moran-College.pdf

4. Conduct of Gender Audit:



Link to Gender Audit Report:

https://www.morancollege.com/wp-content/uploads/forminator/7330_acc26c177c377f943d033b39d0dc4d53/uploads/14QAhKhRoN1G-Gender-Audit-2023_2024.pdf

Best Practice 2: Enhancing Research Publications for Academic Excellence

1. Title of the Practice: Increasing Research Publications for Academic and Institutional Growth

2. Objectives of the Practice:

- To encourage faculty members to publish more research papers.
- To improve the research output of the institution compared to the last five years.
- To enhance the academic reputation of the college through increased research publications.

3. The Context: Over the past five years, there has been a significant increase in research publications by faculty members of Moran College. The institution has recognized the importance of research in strengthening academic excellence and has encouraged faculty to publish more in peer-reviewed journals. This practice aims to maintain and further improve this upward trend in research output. The initiative was undertaken as per the **Peer Team Recommendation during the previous cycle of NAAC Accreditation**, which emphasized the need to enhance research activities.

4. The Practice:

- Faculty members have been actively engaged in publishing research papers in reputed journals.
- The college administration has encouraged faculty to contribute to academic research and enhance their scholarly output.
- There has been a noticeable increase in the number of research publications compared to the last five years.

5. Evidence of Success:

- A steady rise in research publications by faculty members over the past five years.
- Enhanced faculty involvement in academic writing and research dissemination.
- Positive impact on the academic profile and reputation of the institution.

6. Problems Encountered and Resources Required:

- Limited access to high-impact journals and research databases.
- Need for financial assistance to support research activities.

7. Future Prospects:

- Continuing the momentum of increased research publications.
- Encouraging faculty to collaborate on research projects and seek funding opportunities.
- Strengthening institutional support for research initiatives.

List of Research papers published per teacher in the Journals notified on UGC website during the year 2023-2024						
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Haribilash Agarawalar Diarir Patorpora	Dr. Mridula Das	Assamese	Satsori	2023	2319-8893	NA
PREMATHO- A Model of Well-Being	Dr.Shrutashwinee Gogoi	Philosophy	Aruhu Kuruhu	2023	2347-5048	NA
“5 Ls (Like, Love, Learn, Leave and Live) Model of Education”	Dr.Shrutashwinee Gogoi	Philosophy	Aruhu Kuruhu	2023	2347-5048	NA
Thermodynamic geometry of STU black holes	Dr. Dhruva Jyoti Gogoi	Physics	Physica Scripta	2023	1402-4896	https://doi.org/10.1088/1402-4896/acf7fb
Leading-order corrections to the thermodynamics of Rindler modified Schwarzschild black hole	Dr. Dhruva Jyoti Gogoi	Physics	Physics of the Dark Universe	2023	2212-6864	https://doi.org/10.1016/j.dark.2023.101349
First Record and Range Extension of <i>Burmattus pococki</i> Thorell (Arachnida: Araneae: Salticidae)	Atanu Bora	Zoology	Indian Journal of Entomology	2023	0974-8172	https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwibodqqnbKLaxVZxTgGHQoKMz8QFnoECBMQAQ&url=https%3A%2F%2Findianentomology.org%2Findex.php%2Fije%2Farticl

						e%2Fdownload%2F1072%2F978&usg=AOvVaw25ltwipvY-Hyu3gnTXLnR&opi=89978449
First record of Brilliant Flash Rapala melida nicevillei (Swinhoe, 1911 (Lepidoptera: Lycaenidae: Theclinae) to Meghalaya, India	Atanu Bora	Zoology	Journal of Threatened Taxa	2023	0974-7893	https://threatenedtaxa.org/index.php/JoTT/article/view/6490
Survey of odonate diversity in and around the Dibrugarh university campus	Atanu Bora	Zoology	International Journal of Entomology Research	2023	2455-4758	https://www.entomologyjournals.com/archives/2023/vol8/issue3/8053
Impact of post-harvest drying on the volatile flavours of spiny coriander (<i>Eryngium foetidum</i> L.): Emphasis on fatty aldehyde reduction.	Dr. Bhaskar Protim Mahanta	Chemistry	Flavour and Fragrance Journal	2024	1099-1026	https://onlinelibrary.wiley.com/doi/abs/10.1002/ffj.3775
SPEAK UP, SHINE BRIGHT: INNOVATIVE COMMUNICATION SKILLS PROGRAMME FOR ASSAM'S YOUTH	Dr. Shrutashwinee Gogoi	Philosophy	International journal of culture studies and social sciences	2024	2347-4777	https://portal.issn.org/resource/ISSN/2347-4777

Educational and socio-economic status of women of Mising community: A case study of Mising villages under Sissiborgaon Development block of Dhemaji District of Assam	Jyotshna Kaman	Education	International journal of culture studies and social sciences	2024	2347-4777	https://portal.issn.org/resource/ISSN/2347-4777
Diversity of Fig species and their ecological services in Pakke Wildlife Sanctuary, Arunachal Pradesh, India	Dipika Parbo	Zoology	Journal of Wildlife and Biodiversity	2024	2588-3526	https://www.scopus.com/sourceid/21101085289
Vertebrate assemblages on fruiting figs in the Indian eastern Himalaya's Pakke Wildlife Sanctuary	Dipika Parbo	Zoology	Journal of Threatened Taxa	2024	0974-7893	https://www.scopus.com/sourceid/21100806903
Physico-chemical Factors Regulating Cladoceran Community Dynamics in the Floodplain Wetlands of Subansiri River Basin, N.E. India	Dr. Budhin Gogoi	Zoology	Journal of Bioresearch	2024	2771-5868	https://jbiior.org/uploads/online_first/20/Final/20th%20JBR%2042%20to%2050.pdf
Investigation of proton structure function at HERA in light of an analytical solution to the Balitsky–Kovchegov equation	Dr. Pragyan Phukan	Physics	Communications in Theoretical Physics	2024	1572-9494	https://iopscience.iop.org/article/10.1088/1572-9494/ad260d
Quasinormal modes and greybody bounds of black holes endowed with modified Chaplygin gas	Dr. Dhruva Jyoti Gogoi	Physics	Journal of High Energy Astrophysics	2024	2214-4056	https://doi.org/10.1016/j.jheap.2024.11.020

Four STU black holes shadows	Dr. Dhruba Jyoti Gogoi	Physics	Classical and Quantum Gravity	2024	1361-6382	https://doi.org/10.1088/1361-6382/ad694e
Corrected thermodynamics and stability of magnetic charged AdS black holes surrounded by quintessence	Dr. Dhruba Jyoti Gogoi	Physics	Journal of Cosmology and Astroparticle Physics	2024	1475-7516	https://doi.org/10.1088/1475-7516/2024/11/019
Violation of Hod's conjecture and probing it with optical properties of a 5-D black hole in Einstein Gauss–Bonnet Bumblebee theory of gravity	Dr. Dhruba Jyoti Gogoi	Physics	Physics of the Dark Universe	2024	2212-6864	https://doi.org/10.1016/j.dark.2024.101535
The optical features of noncommutative charged 4D-AdS-Einstein–Gauss–Bonnet black hole: shadow and deflection angle	Dr. Dhruba Jyoti Gogoi	Physics	The European Physical Journal C	2024	1434-6052	https://doi.org/10.1140/epjc/s10052-024-12728-3
Phase structures and critical behavior of rational non-linear electrodynamics Anti de Sitter black holes in Rastall gravity	Dr. Dhruba Jyoti Gogoi	Physics	Communications in Theoretical Physics	2024	1572-9494	https://doi.org/10.1088/1572-9494/ad30f4
Shadows of R-charged black holes in AdS5	Dr. Dhruba Jyoti Gogoi	Physics	Physics of the Dark Universe	2024	2212-6864	https://doi.org/10.1016/j.dark.2024.101442
Constraints on quasinormal modes from black hole shadows in regular non-minimal Einstein Yang–Mills gravity	Dr. Dhruba Jyoti Gogoi	Physics	The European Physical Journal C	2024	1434-6052	https://doi.org/10.1140/epjc/s10052-024-12946-9

Investigating stable quark stars in Rastall-Rainbow gravity and their compatibility with gravitational wave observations	Dr. Dhruva Jyoti Gogoi	Physics	Communications in Theoretical Physics	2024	1572-9494	https://doi.org/10.1016/j.iheap.2024.02.006
Phase structure of charged AdS black holes surrounded by exotic fluid with modified Chaplygin equation of state	Dr. Dhruva Jyoti Gogoi	Physics	The European Physical Journal C	2024	1434-6052	https://doi.org/10.1140/epjc/s10052-024-12597-w
Quasinormal Modes and Greybody Factors of de Sitter Black Holes Surrounded by Quintessence in Rastall Gravity	Dr. Dhruva Jyoti Gogoi	Physics	Fortschritte der Physik - Progress of Physics	2024	1521-3978	https://doi.org/10.1002/prop.202300245
Impact of energy–momentum conservation violation on the configuration of compact stars and their GW echoes	Dr. Dhruva Jyoti Gogoi	Physics	Classical and Quantum Gravity	2024	1361-6382	https://doi.org/10.1088/1361-6382/ad51c4
NEW DATA ON THE SALTICIDAE FAUNA OF MEGHALAYA,NORTH-EASTERN INDIA	Atanu Bora	Zoology	Munis Entomology and Zoology	2024	1306-3022	https://www.munisentzool.org/Issue/publish/new-data-on-the-salticidae-fauna-of-meghalaya-north-eastern-india_14288
Handloom Heritage in Assam-An Overview	Himadri Lekharu	Economics	International journal of culture studies and social sciences	2024	2347-4777	https://portal.issn.org/resource/ISSN/2347-4777

Financial Inclusion and Poverty Alleviation: An Analytical Study With Special Reference to Assam	Dr Nishi Borgohain	Economics	International Journal of Creative Research Thoughts	2024	2320-2882	https://ijcrt.org/?gad_source=1&gclid=Cj0KCQiA-5a9BhCBARIsACwMkJ6QTF-nJUB5DYNTxPvrcea09Lj50FoPvm4fo-8Ddcl2updkpFXEYEcaAgxeEALw_wcB
Exploring Assamese Indigenous Play suitable for Children	Rini Sonowal	Education	International journal of culture studies and social sciences	2024	2347-4777	https://portal.issn.org/resource/ISSN/2347-4777
Weaving Self and Landscape: Analysing Place and Identity in Temsula Ao's <i>These Hills Called Home</i>	Gongutree Gogoi	English	LangLit: An International Peer-reviewed Journal	2024	2349-5189	https://langlit.org/
Negotiating History: Representation of Women in Colonial Assam	Dr. Rashmi Buragohain	English	The Criterion: An International Peer-reviewed Journal	2024	0976-8165	https://www.the-criterion.com/
Theng Phathri Silent Voice: Agony and Resistance	Dr. Rashmi Buragohain	English	MZU Journal of Literature and Cultural Studies	2024	2348-1188	https://mzu.edu.in/journal-of-literature-and-culture-studies/

