

**BMS COLLEGE OF ENGINEERING, BENGALURU 560 019**

Autonomous Institute, Affiliated to VTU

IQAC Cell for Monitoring, Evaluation of Autonomy

(As per VTU Statutes on Autonomous Colleges Amended in 2018)

16-12-2025

Action Taken Report

The action taken report is prepared by Internal Quality Assurance Cell (IQAC) based on external audit (AY 2023-24) conducted on 19-07-2025. Appropriate actions were taken on recommendations given by external audit members.

Sl. No.	Recommendations	Action taken
1	The NIRF ranking has declined; the institution should take measures to improve its position.	Identification of research verticals to enhance the research publication.
2	It is recommended that the audit format be enhanced to include parameters related to the Sustainable Development Goals (SDGs).	Mapping of relevant SDGs has been incorporated into major project work, research proposals, funded projects, and consultancy activities. SDG alignment is also ensured in workshops, outreach programmes, and initiatives such as Niranthara – the solid waste management unit – and EMS activities. These components are now integrated into both departmental and institutional audit formats.
3	The institute has adopted innovative teaching learning methods and regularly conducts skill enhancement courses to support holistic student development.	Faculty adopted diverse and innovative teaching learning practices, including collaborative learning, problem-based learning, case-based learning, flipped classrooms, TAPPS activities, and the use of modern tools such as GenAI and LeetCode. In addition, 35 industry-led courses were offered across various UG programmes to enhance practical exposure. The institute organized over 110 seminars, workshops, symposiums, conferences, and hackathons during the academic year 2024–25. Furthermore, 49 industrial visits were conducted to strengthen industry–institute interaction and experiential learning.
4	Research output is commendable; however, further strengthening is needed to enhance the institution's NIRF ranking.	Faculty were actively encouraged to publish quality research in reputed and peer-reviewed journals. As a result, journal and conference publications increased by 30% from 2023–24 to 2024–25. The institution received ₹128 lakhs in research grants and ₹37 lakhs in consultancy revenue during 2024–25, reflecting significant growth in research and consultancy.
5	Placement outcomes are positive, but the department should aim to boost the median salary figures.	The Placement Cell conducted soft-skills training and mock assessment tests in Competitive Coding, Data Structures & Algorithms (DSA), Quantitative Aptitude, Logical Reasoning, and Verbal Ability to



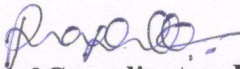
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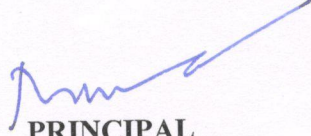
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		enhance students' employability and salary prospects. It also organized a series of technical talks and expert sessions in the domains of software development, artificial intelligence (AI), and data science, providing students with valuable industry insights and current technological trends.
6	Alertness to new technological developments is suggested.	Organized FDPs and technical workshops on emerging technologies such as AI, IoT, cloud computing, Grid-Solar hybrid EV technologies, and the use of thermal imaging IR cameras in structural engineering applications, etc with the objective of enhancing faculty competency and strengthening domain expertise.
7	More faculty centric activity is needed, beyond the curriculum, particularly R&D.	The institute has collaborated with Springer Nature to promote high-quality research publications. Incentives are provided for Q1-Q4 journal publications as well as for securing research grants. Faculty members are also actively participating in short-term training programmes conducted by industry to strengthen their technical and research skills.
8	Comparison with global institutes will be beneficial and necessary in future.	The institution initiated academic benchmarking with reputed global engineering institutes to compare curriculum quality, teaching practices, and research standards. A curriculum gap analysis was conducted to integrate relevant international best practices. Faculty were encouraged to participate in global webinars, conferences, and certification programmes to enhance exposure. Plans for international collaborations and MoUs were also explored to strengthen global alignment in the coming years.
9	Technology Readiness Level of Capstone project	The Technology Readiness Level (TRL) of student projects are identified, with an aim to improve project quality beyond TRL 3.


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