



JBIT
JB Institute of Technology



Approved by AICTE

Affiliated to VMSB Uttarakhand Technical University, Dehradun

Annual Report 2023-24

An educational unit of JAI BHAGWAN EDUCATIONAL SOCIETY
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JB Institute of Technology, Dehradun Annual Report 2023-24

Introduction

The academic year 2023-24 at JB Institute of Technology (JBIT), Dehradun has been marked by significant achievements and a steadfast commitment to providing quality education. This report highlights the various initiatives, accomplishments, and activities that have taken place over the past year, showcasing our dedication to excellence in all areas of academia and student development.

Quality Assurance and Audits

AAA Audit Conducted: The institute successfully conducted the Academic and Administrative Audit (AAA) and implemented the necessary actions to ensure continuous improvement in both academic and administrative processes. This audit plays a crucial role in maintaining the highest standards of educational quality and institutional governance.

Compliance and Accreditations: JBIT has maintained compliance with ISO 9001:2015 standards, valid until March 27, 2026. This certification underscores our commitment to providing quality education and consistently improving our processes. Additionally, we participated in the National Institutional Ranking Framework (NIRF) ranking, demonstrating our dedication to benchmarking against the best institutions in the country.

Add-On Courses

To enhance the employability and skillset of our students, JBIT conducted several add-on courses on diverse topics, including:

- **Tekla Structure Software:** This course aimed at civil engineering students to improve their skills in structural analysis and design.
- **MIDAS Software:** Focused on advanced analysis and design for civil and structural engineering projects.
- **Full Stack Web Development using PHP:** Provided comprehensive training in web development, including front-end and back-end technologies.
- **Circuit Design and Simulation:** Offered to electronics and electrical engineering students to enhance their practical knowledge in circuit design.
- **Machine Design using AutoCAD:** Targeted mechanical engineering





students to improve their design capabilities.

- **Java Programming:** Focused on building strong programming skills among students.
- **Youth Empowerment - A Honeywell CSR Program:** Implemented by ICT Academy, this course aimed at empowering youth with essential life and career skills.
- **Full Stack Web Development using PHP (AIML):** Combined web development with artificial intelligence and machine learning, providing a cutting-edge skillset.

Student Engagement and Feedback

JBIT conducted a comprehensive Student Satisfaction Survey to gather feedback and insights from our students. Additionally, feedback was collected from alumni, students, employers, and faculty members to ensure a holistic view of our educational environment. This feedback is invaluable in our continuous efforts to improve and evolve.

Sports and Cultural Activities

The institute organized 31 sports and cultural activities, providing students with ample opportunities to showcase their talents and engage in healthy competition. Our students received 8 awards in various sports, reflecting their dedication and skill in extracurricular pursuits.

Extension Activities and Awards

JBIT carried out 9 extension activities during the year, aimed at social responsibility and community engagement. Out of these, 3 activities were recognized with awards, highlighting our commitment to making a positive impact beyond the campus. These extension activities included:

- **Awareness Programme on Importance of Solar Energy at Atak Farm**
- **Awareness Programme on Blood Donation at Shankerpur**
- **Awareness Programme on Blanket Distribution at Rampur Kala**
- **Awareness Programme on Animal Welfare at Shankerpur**
- **Awareness Programme on Women Health & Hygiene at Kehniwala**
- **Awareness Programme on Health & Yoga at Shankerpur Industrial Area**
- **Awareness Programme on Stand Upright Against Child Marriage at Rampur Khurd**





- Awareness Programme on POSCO Act, 2012 at Rampur Kala
- Awareness Programme on JAL SEVA PAKHWADA at Shankerpur

Faculty and Staff Development Programs

To foster continuous professional development, 3 Faculty Development Programs (FDPs) were organized for faculty members, focusing on enhancing their teaching and research skills. These included:

- IOT and Its Applications
- One Week FDP on Issues and Challenges in Contemporary Research Practices
- One Week FDP on NBA Accreditation

Additionally, 1 Staff Development Program (SDP) was conducted for non-teaching staff members on the topic of **Requirement of Interpersonal**

Effectiveness at Workplace to improve their efficiency and effectiveness in administrative roles.

Audits and Sustainability

In our commitment to sustainability and environmental responsibility, the institute conducted Energy Audit, Green Audit, and Environment Audit of the campus. These audits help us monitor and minimize our environmental footprint, ensuring a greener and more sustainable campus.

Governance and Institutional Development

All clubs and committees of the institute worked tirelessly to ensure good governance and the smooth functioning of institutional activities. Their efforts have been instrumental in maintaining a conducive environment for academic and personal growth.

Conclusion

The academic year 2023-24 has been a testament to JBIT's unwavering commitment to quality education and holistic development. The collective efforts of our students, faculty, and staff have resulted in numerous achievements and accolades. As we look forward to the next academic year, we remain dedicated to our mission of nurturing talent, fostering innovation, and contributing to the nation's development.

