Action Taken Report

Date: 25/06/2024

To
The Director
JB Institute of Technology
Dehradun

Subject: Recommendations for Curriculum Enhancement and Specialization Courses by feedback committee

Respected Sir,

The Feedback Committee has meticulously analyzed valuable input from various stakeholders, including faculty members, students, industry experts, and Heads of Departments (HoDs). Based on this analysis, we are pleased to present our recommendations for enhancing the curriculum and overall educational experience at JB Institute of Technology. These suggestions aim to align our programs with industry standards and improve the employability of our graduates.

1. Modification of Courses for Industrial Relevance

Feedback indicates the need to update certain courses to better align with evolving industrial demands. For instance, courses such as **Industrial Engineering and Operations Management** should be reviewed and updated to include contemporary practices and industry-relevant case studies. This will equip students with the skills and knowledge necessary to excel in professional environments.

2. Integration of Entrepreneurship and Start-Up Management

Entrepreneurship and start-up management are critical in today's dynamic business environment. We recommend introducing specialized courses to foster innovation and entrepreneurial thinking among students. These courses will empower them with the tools to establish and sustain successful ventures, thereby nurturing a strong entrepreneurial ecosystem.

3. Introduction of Specialization Courses for Skill Enhancement

To ensure students are competitive in the job market, we propose introducing the following specialization courses:

- **Sustainable Design and Green Engineering**: Focused on eco-friendly engineering solutions, this course will address the growing demand for environmental sustainability.

An educational unit of **JAI BHAGWAN EDUCATIONAL SOCIETY**
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- **Environmental Sustainability and Renewable Energy**: Equipping students to tackle environmental challenges and contribute to renewable energy projects.
- **Software Engineering and Development**: Offering advanced techniques for software development to prepare students for the dynamic tech industry.
- **Structural Engineering**: Enhancing knowledge in structural analysis and safe, innovative design principles.
- **Data Science and Analytics**: Preparing students to analyze and interpret big data for data-driven decision-making across various fields.
- **Computer Engineering and Embedded Systems**: Providing in-depth knowledge of computer hardware, software, and embedded systems for careers in advanced technology sectors.

4. A Holistic Approach to Curriculum Design

We suggest integrating interdisciplinary courses, such as combining **Sustainable Design and Green Engineering** with **Entrepreneurship and Start-Up Management**, to offer students a comprehensive education. This approach will prepare them to be socially responsible, innovative, and future-ready professionals.

We firmly believe that implementing these recommendations will significantly elevate the quality of education at JB Institute of Technology and ensure our graduates are well-prepared to thrive in their careers and contribute meaningfully to society.
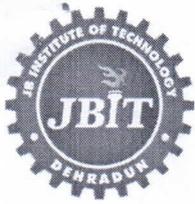
Sincerely,

Dr. Neeraj Kumar
Professor & HoD, Dept. of Applied Science
Convenor, Feedback Committee
JB Institute of Technology

CC:

1. Director
2. Director - IQAC

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Date: 18th June 2024

To
The Convenor
Feedback Committee
JB Institute of Technology

Subject: Consolidation of Feedback on Curriculum and Ambience (Session 2023-24) for the Department of Mechanical Engineering
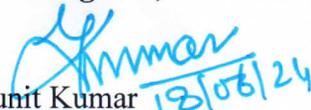
Respected Sir/Madam,

Please find attached the consolidated feedback from all stakeholders of the Department of Mechanical Engineering for the session 2023-24. This feedback has been carefully analyzed, and recommendations have been formulated based on discussions held among the faculty members of the department. Below is a summary of the recommendations and corresponding actions taken by the department:

S. No.	Recommendation	Action Taken by the Department
1	Modify certain courses to align with industrial requirements of the program.	Recommendations have been forwarded to the Director of the Institute for necessary action.
2	Include courses focused on skill enhancement and employability.	Under consideration for proposal to higher authorities.
3	Incorporate courses or specializations related to Entrepreneurship and Start-up Management.	Discussions initiated for potential inclusion in the curriculum.

We believe these recommendations will enhance the quality of the program and better prepare students for professional challenges. Thank you for considering these inputs, and we look forward to the necessary steps being taken for their implementation.

With regards,

Punit Kumar 18/06/24
Head of the Department
Mechanical Engineering

CC:
1. Director
2. Director-IQAC

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Date: 19th June 2024

To
The Convenor
Feedback Committee
JB Institute of Technology

Subject: Consolidation of Feedback on Curriculum and Ambience (Session 2023-24) for the Department of Civil Engineering

Respected Sir/Madam,

Please find attached the consolidated feedback from all stakeholders of the Department of Civil Engineering for the session 2023-24. This feedback has been thoroughly reviewed, and recommendations have been formulated based on discussions among the faculty members of the department.

Below is a summary of the recommendations and the corresponding actions taken by the department:

S. No.	Recommendation	Action Taken by the Department
1	Modify certain courses to align with industrial requirements of the program.	The recommendations have been forwarded to the Director of the Institute for necessary action.
2	Add specialization courses such as building and planning Engineering and Development, and Structural Engineering.	Proposal submitted to the committee for review.
3	Enhance focus on courses that improve skill development and employability.	Recommendations prepared for further action.

We are confident that these suggestions will contribute to improving the quality of the curriculum and better prepare students for future challenges.

With regards,

Dr. Sanjeev Gill
Head of the Department
Civil Engineering

CC:

1. Director
2. Director – IQAC

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Date: 21st June 2024

To
The Convenor
Feedback Committee
JB Institute of Technology

Subject: Consolidation of Feedback on Curriculum and Ambience (Session 2023-24) for the Department of Electrical Engineering
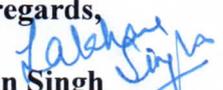
Respected Sir/Madam,

Please find attached the consolidated feedback from all stakeholders of the Department of Electrical Engineering for the session 2023-24. This feedback has been analyzed, and recommendations have been prepared based on discussions held among the department's faculty members.

The key recommendations and actions taken by the department are summarized below:

S. No.	Recommendation	Action Taken by the Department
1	Introduce courses or specializations related to Entrepreneurship, EVs and Start-up Management.	Recommendations have been forwarded to the Director of the Institute for necessary action.
2	Add specialization courses in areas such as Sustainable Design and Green Engineering, Environmental Sustainability and Renewable Energy, and Entrepreneurship and Start-up Management.	Proposals have been submitted to the feedback committee for consideration.

We believe that incorporating these recommendations will significantly enhance the program's alignment with industry demands and equip students with the skills needed for future success.

With regards,

Lakhan Singh
Head of the Department, Electrical Engineering

CC:

1. Director
2. Director - IQAC

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Date: 19th June 2024

To
The Convenor
Feedback Committee
JB Institute of Technology

Subject: Consolidation of Feedback on Curriculum and Ambience (Session 2023-24) for the Department of Electronics & Communication Engineering

Respected Sir/Madam,

Please find attached the consolidated feedback from all stakeholders of the Department of Electronics & Communication Engineering for the session 2023-24. The feedback has been carefully analyzed, and the following recommendations have been formulated based on discussions held among the faculty members of the department:

S. No.	Recommendation	Action Taken by the Department
1	Modify courses like Industrial Engineering and Operations Management to better align with industrial requirements of the program.	The recommendations have been forwarded to the Director of the Institute for necessary action.
2	Enhance focus on courses aimed at skill development and employability.	
3	Incorporate courses or specializations related to Entrepreneurship and Start-up Management, as well as Industrial Engineering and Operations Management.	

We believe that these recommendations will contribute to improving the quality and relevance of the curriculum, ensuring students are well-equipped for their future endeavors.

With regards,

Prem Kumar
Head of the Department
Electronics & Communication Engineering

CC:

1. Director
2. Director - IQAC

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Date: 18th June 2024

To
The Convenor
Feedback Committee
JB Institute of Technology

Subject: Consolidation of Feedback on Curriculum and Ambience (Session 2023-24) for the Department of Computer Science & Engineering and AI & ML

Respected Sir/Madam,

Please find attached the consolidated feedback from all stakeholders of the Department of Computer Science & Engineering and AI & ML for the session 2023-24. The feedback has been analyzed, and the following recommendations have been formulated based on discussions among the faculty members of the department:
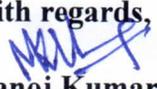
S. No.	Recommendation	Action Taken by the Department
1	Modify certain courses to align with industrial requirements of the program.	Suggestions have been prepared for consideration by the Feedback committee.
2	Enhance focus on courses that promote skill development and employability.	

Incorporate specialization courses in the following areas:

- Data Science and Analytics
- Computer Engineering and Embedded Systems
- Entrepreneurship and Start-up Management

We are confident that implementing these recommendations will enhance the program's relevance to industry requirements and better prepare students for their professional careers.

With regards,

Manoj Kumar Chaudhary
Head of the Department
Computer Science & Engineering, AI & ML

CC:

1. Director
2. Director - IQAC

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Date: 18th June 2024

To
The Convenor
Feedback Committee
JB Institute of Technology

Subject: Consolidation of Feedback on Curriculum and Ambience (Session 2023-24) for the Department of Management Studies
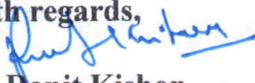
Respected Sir/Madam,

Please find attached the consolidated feedback from all stakeholders of the Department of Management Studies for the session 2023-24. Based on thorough discussions held among the department's faculty members, the following recommendations have been formulated:

S. No.	Recommendation	Action Taken by the Department
1	Modify certain courses to better align with industrial requirements of the program. Supply chain management, Medical Tourism	Recommendations have been forwarded to the Director of the Institute for necessary action.
2	Introduce courses focused on skill enhancement and employability to better prepare students for professional challenges.	Suggestions are under consideration for curriculum revision.

- Entrepreneurship and Start-up Management | Proposals for these specializations have been submitted to the curriculum committee for review.

We believe that implementing these recommendations will significantly improve the curriculum's relevance to industry demands and enhance the employability of our graduates.

With regards,

Dr. Ranit Kishor
Head of the Department
Management Studies

CC:

1. Director
2. Director - IQAC

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