

STRATEGIC PLAN

(2018-2023)



INDUSTRIAL RELATIONS CELL
J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,
YMCA, FARIDABAD

(Formerly YMCA University of Science and Technology)

NAAC 'A' Grade accredited State University

Sector-06, Delhi Mathura Road, Faridabad -121006 (Haryana)

INDUSTRIAL RELATIONS CELL

A strong Academia-Industry Interaction is the major focus of the department as well as the University. We believe that higher education is not only synonym with the world class facility, faculty and students but also with the involvement of industry in academia. Whatever we do and facilitate our students with, it remains incomplete without the involvement of the industry where this knowledge is actually gets implemented.

Since, the University aspires to be a nationally and internationally acclaimed leader in technical and higher education in all spheres which transforms the life of students through integration of teaching, research and character building. Seeking the support of industry in doing so, the University has created an Industrial Relations cell which work towards opening the various avenues where we can collaborate with the industry.

TEAM- Industrial Relations (IR) CELL

Dr. Sunil Kumar Garg (*Advisory Committee*)



Dr. Sunil Kumar Garg is presently Registrar, J.C. Bose University of Science and Technology, YMCA, Faridabad. Dr. Garg has a vast experience in Academia, Research and Development, Industries and Administration spread over about three decades. He has served many academic and technical institutions and member of several academic bodies. He has served many academic bodies and member of several academic bodies including Indian Society of Surface Science & Technology as Founder Member, Indian Society of Analytical Scientists as Life Member and Indian Society of Technical Education as Life Member.

Prof. Komal Kumar Bhatia (Advisory Committee)



Prof. Komal Kumar Bhatia is presently Professor and Chairman, Department of Computer Engineering, J.C. Bose University of Science and Technology, YMCA Faridabad, Prof. Bhatia has more than 19+ years of professional Experience. He has authored more than 105 research papers and his expert area includes Information Retrieval, Web Mining, Hidden Web. In addition to being the Dean of the Computer Department, he provides guidance in strategizing opportunities in collaborating and is acknowledged for efficiently executing such win-win partnerships for all stakeholders.

Dr. Rashmi Popli (Director)



Dr. Rashmi Popli is presently an Assistant Professor at Department of Computer Engineering, J.C. Bose University of Science and Technology, YMCA Faridabad, Dr. Rashmi has more than 15 years of Teaching Experience. She has authored more than 28 Research Papers and her expert area includes Software Engineering, Software testing, Agile Software Development. Being the Director of IR Cell she has played an important role in strengthening the Industrial-Academia relation and had led IR Cell to greater heights.

Ms. Shilpi Sanghi (Coordinator)



Ms. Shilpi Sanghi is an Assistant Professor at Department of Computer Engineering, J.C. Bose University of Science and Technology, YMCA Faridabad. She has more than 3+ years of Teaching Experience. Also apart from being incharge of MOU Implementations from IR Cell she is also pursuing her PhD from the university. Her area of expert is software Engineering. With her right blend of technological know-how and interpersonal skills, she is enthusiastically working towards adding value to industry relations at the IR Cell.

Mr. Atma Ram (Coordinator)



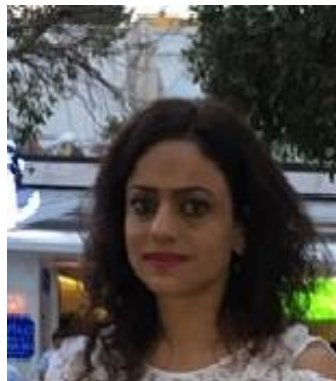
Mr. Atma Ram is an Assistant Professor at Department of Electrical Engineering, J.C. Bose University of Science and Technology, YMCA Faridabad. Having Great teaching and Industry Experience he is been an integral part in organizing Industrial Visits so that the students can get to know with the technologies being presently use and help in development of students. His determination and drive to create a positive and transparent workspace is key to his success for development of IR Cell.

Dr. Somvir Bajra(Coordiator)



Dr. Somvir Bajra is an Assistant Professor at Department of Environmental Sciences, J.C. Bose University of Science and Technology, YMCA, Faridabad. He has more than 10+ years of teaching experience, Dr. Bajra have authored more than 23 Research Papers his area of expertise is Carbon Sequestration, Bioremediation, Environmental Pollution Management. He is an important element of the team who had led to smooth process of conducting different Student Activities and Events.

Dr. Rajni Saggu(Coordiator)



Dr. Rajni Saggu is an Assistant Professor at Department of Civil Engineering, J.C. Bose University of Science and Technology, YMCA Faridabad. She has great interpersonal skills and had garnered strong analytical, team leadership during her work. With her right blend of technological know-how and interpersonal skills, she is enthusiastically working towards conducting different Student Activities and Events for what she is responsible. She has conducting different events and Student Activities which has resulted in betterment of students.

INDUSTRIAL RELATIONS CELL

Vision

Equipping the students with relevant and conceptualized professional skills to reduce the gap between academia and industry by industrial and institutional collaborations & providing them the best possible opportunities to thrive in their career.

Mission

- To prepare students for life-long learning and leadership in a global academic culture.
- To train students to be industry-ready.
- To create intellectual manpower relevant to the industry and society at large.
- To strengthen Industrial and Institutional Collaborations for academic excellence.
- To inculcate entrepreneurial attitude and values amongst Learners.

Strategic Goals

- To establish convergence with industrial and research organizations from various fields through MOUs as a form of interaction.
- To promote various research activities by the faculty members and students.
- To explore and identify common avenues of interaction with industry.
- To bridge the gap between Industry and Academia.
- To open various avenues for collaboration with industry towards providing an enabling environment for students.
- To provide environment and opportunities for development through Skill development and value added courses.
- To develop more Centre of Excellence through enhanced interaction with industries.
- To inculcate ethical and moral values in students.
- To help students to excel in communication, inter-personal and soft skills.

Objectives and Outcomes

Objectives

- To counsel the students to identify their areas of interest.
- To organize workshop on trending technologies by experts in the field.
- To identify the gaps in the existing curriculum and the industry requirements.
- To identify the recent technologies in Core and IT industries.
- To collaborate with the Training and Placement office in mapping the industry requirements.
- To ensure that students' interest is mapped with the industry requirement.
- To assist the departments in organizing workshops, conferences and symposia with joint participation of the industries.
- To organize industrial visits for faculty members and students for practical training.

Outcomes

- Better Academia- Industry collaboration will create graduates who have know-how of the industry they will work in and create better future employees.
- Students and Faculty members will be able to tune their knowledge to cope with the industrial culture.
- Engineers will be encouraged from industries to visit institution to deliver lectures.
- Research work in university will be taken up by the industries and turned into products and services.
- Industries will be able to look to academia for solutions to their concerns.

SWOC Analysis

1. Strength

- Contributes to economic growth and development
- Expert opinions and hands on training for Updated technologies
- Awareness about Industry work culture and knowledge
- Industry oriented skills

2. Weakness

- Less awareness among people about industry needs.
- COVID has halted the industrial visits.

3. Opportunities

- Good industrial relations lead to increased efficiency and hence higher productivity and income.
- To be familiar with the industry culture and know the demands by industry while studying.
- Increase value added courses for students
- Increase consultancy projects
- organize conferences at national and international level
- Develop national and international or global partnerships

4. Challenges

- Connecting reputed industries with the university.
- Since these courses are offered at very minimal fess so generation of resources is challenge.
- Frequent changes in Education Policy
- Industry ready curriculum and implementation
- Students with different social and economic backgrounds

Actions to be taken Year wise

- Modernization of existing laboratories.(2019)
- Inviting industry experts for guest lectures, seminars and expertise sharing(2019)
- Planning for students' industrial visit.(2019)
- Organizing lectures, interactive workshops, conferences, seminars, brain storming sessions(2019)
- Enrich the teaching learning process through identified industrial training / visit.(2019)
- Start of New Courses related to Industrial Needs(2020)
- Start of inter-disciplinary degree programmes(2020)
- Identifying the opportunities for student project work in Industries.(2020)
- Arranging industrial training for students and faculty members.(2021)
- Organizing workshops related to entrepreneurship for motivating students.(2021)
- Organizing workshops related to personality development for grooming students(2021)
- Focusing on conducting more hands-on technical sessions for better learning experience(2022)
- Introduction of more industry oriented courses in the curriculum(2022)
- Organizing technical discussions, consultancy Sessions, training, orientation courses, meetings, visits(2022)
- Involving members of the Industry, outside experts, eminent personalities, faculty and students of JC Bose UST to provide technical consultancy services to/from the industry(2023)

- To invite expert members of the Industry to JCBoseUST to spend varying durations as Guest Faculty members/Research Supervisors/ Technical Consultants etc. with other Engineering Colleges and Technical Institutes where such interactive research programmes are running successfully(2023).