



INTERNAL QUALITY ASSURANCE CELL JIS COLLEGE OF ENGINEERING

STRATEGIC PLAN FOR UPCOMING 5 YEARS (2019 -2024)

PROPOSED BY: IQAC

I. Student Centric Teaching Learning

- ❖ The institute will introduce multidisciplinary modern courses and specific avenues in the curriculum for building student expertise and additional skillset as per choice based system.
- ❖ Infrastructure and laboratories will be modernized to provide state-of-the art facilities.
- ❖ Skill development programs will be enhanced to train students in multiple skills including communication, personality development, aptitude and modern technical matters through Academic and Assessment record for preparing industry ready work force.
- ❖ Feedback analysis reports will be generated and published in college website, newsletters etc. to expedite stakeholder engagements.

II. Improvement of Academic Delivery

- ❖ Students will be provided with interactive videos on all subtopics of a particular course covering the entire syllabus, through which the accessibility of a class will be 24 hrs.
- ❖ More interactive sessions will be conducted to provide better understanding of physical systems in ICT enabled classrooms
- ❖ The students will be trained in multiple skills including communication, personality development, Aptitude and Technical matters required by industries.
- ❖ Training need analysis in the frontier areas will be introduced for planning and conducting effective student development programs (SDP)

III. Promotion in Interdisciplinary Research

- ❖ In continuation with the ongoing funded projects, new sources of research funds will be identified and mobilized with effective management.
- ❖ Various funded projects with reputed universities in India and abroad will be undertaken to strengthen the relationship for positive developments and knowledge transfer.
- ❖ A token of felicitation has been planned to encourage innovations, quality research publications and facilitating infrastructure to pursue interdisciplinary research activities. Faculty members will get cash incentive from Rs. 2000/- to Rs. 10000/- based on their performances regarding Research /quality paper publications.



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- ❖ A target has been planned to increase participation of students to 30% mark in research through field projects, in-house projects, publishing research papers in indexed Journals / conferences.
- ❖ Better infrastructural support will be provided to facilitate interdisciplinary research activities.

IV. Focus on Accreditations and Rankings

- ❖ The institute will be within first 200 NIRF ranked institutions within 2022
- ❖ The institute will achieve QS ranking within 2021.
- ❖ The institute will achieve ARIIA ranking within 2021.
- ❖ More than 60% programs will be accredited by NBA within 2022.
- ❖ All programs will be accredited by NBA within 2024.
- ❖ Institutional Innovation Council will become 5 star ranked within 2020
- ❖ The institute will be within first 100 NIRF ranked institutions within 2023

V. Improvement in Industry Engagement

- ❖ The existing start-up incubation centre will be expanded for encouraging and supporting innovative minds of budding engineers.
- ❖ Improve Industry-Academia Partnership for arrangement of Industry Visits, Industry Expert Talks and effective Internship programs to help student placement.
- ❖ More focus will be given to strengthen the Placement cell for arranging more placement drives and improvement of placement services.
- ❖ Increase participation of students in research through, field projects, in-house projects, publishing research papers in indexed Journals / conferences

VI. International Footprint

- ❖ More collaborations with International Institutes/Universities have been planned to continue arrangements of training/internships in various modern knowledge and skill domains.
- ❖ Planning has been undertaken to increase the International Conferences and Workshops by inviting more experts from abroad.



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- ❖ **Modern subjects in tune with the global technological change will be incorporated to defy barriers in higher education from international institutes.**

VII. Enhanced Engagement with Society

- ❖ **More community engagement activities will be undertaken to enhance the social relevance of the Institution by 2024.**
- ❖ **Initiatives will be taken to make a Green and Eco friendly campus through various measures. 'One Student One Tree' has been taken as one such initiative against Global Warming.**

VIII. Apart from the above priority areas the existing practices regarding Human resource planning and development will be further improved through the following plan:

- ❖ **Training need analysis will be introduced for planning and conducting faculty development program, refresher course and orientation programs**
- ❖ **Increase the number of Faculty development program (FDP)/Short Term Training Program (STTP), mandated as once per year per department to enhance the quality of Teaching Learning.**
- ❖ **Faculty members will receive rewards based on their performances regarding Research/quality paper publications.**
- ❖ **Orientation program (Twice in a year) and Refreshers course (as required based on performance appraisal) will be organized on a more stringent way.**
- ❖ **Opportunities for educational growth will be enhanced of both teaching and nonteaching staff by providing permission for pursuing higher studies.**