TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE-III)

Format-Equity Action Plan

Name of the institute: Sri Jayachamarajendra College of Engineering, Mysuru.

Annexure-3

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| Sl. no | Activity | Sub-activity/Action | Coordinator | Executing agency | Date & Duration | | Frequency | Indicator to measure outcome | Estimated Expenditure in Rs. | |
|  |  |  |  |  | 2018-19 | 2019-20 |  |  | 2018-19 | 2019-20 |
| (i) | To identify weaknesses in all students and take remedial steps | 1. Diagnostic tests will be done. 2. Weak students are identified based on their performance in the tests 3. Counseling study projects/assignments will be given to improve their performance. 4. Exclusive supplementary semester will be conducted after even semester to ensure the improvement in the transition rates of weak students. Regular classes, periodic tests and exams are conducted to bring required level of proficiency. | Dr. Veeresh  Dept. of Mathematics | SJCE | Jan 19-Feb 19 | Jan 20 – Feb 20 | 15 days once counseling and necessary suggestions if required extra tests will be given.  Counselling program will be conducted once in a year for girl students | Transition rate | 2 lakhs | 2 lakhs |

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| (ii) | To improve language competency, soft skills and confidence level. | English language subject is introduced for all the students including to students who are culturally or linguistically less exposed to professional technical education at first year level.  Induction Programme for the first year students covered events on the soft skills and improvement in confidence levels. | Ms Geetha (Professor in English) | SJCE | Jan 19-Feb 19 | Jan 20 – Feb 20 | Continues | Transition rate  and  Improvement in Placement | 5 Lakhs | 5 Lakhs |
| (iii) | Institution Improve weak Students | Training and Placement cell established at SJCE is taking responsibility to conductworkshops or sessions with external experts/ consultants related to communication skills, soft skills, mock tests etc. with priority to weak students. | Dr. Pradeep M.,  Placement Officer | Placement & Training Cell, SJCE | 4 weeks duration workshops (Feb and March 2019) | 4 weeks duration workshops (Feb and March 2019) | Continuous | Improvement in job placement of students, especially among those with disadvantaged backgrounds. | 2 Lakhs | 2 Lakhs |

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|  |  |  |  |  | 2018-19 | 2019-20 |  |  | 2018-19 | 2019-20 |
| (iv) | Give under-qualified teachers priority in opportunities to upgrade | Institutions supports faculty to get trained in premier institutions such as IISc, IIT’s and NIT’s for short and long term period to upgrade their domain knowledge and required technical skills sponsored under TEQIP | Dr Rudraswamy. S B, Assistant Professor in E&C | SJCE | As and when required | As and when required | Continuous | Self-assessment report of staff members. | 7.5 Lakhs | 10 Lakhs |

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| **S.**  **No** | **Activity** | **Sub-activity/Actions** | **Executing Agency** | **Date and Duration** | | **Frequency** | **Indicator to measure outcome** | **Estimated Expenditure** | |
|  |  |  |  | 2018-19 | 2019-20 |  |  | 2018-19 | 2019-20 |
| (v) | Training of teachers in subject matter and pedagogy, particularly to improve  the performance of weak students | Pedagogy training has been given to all the faculties of the institution under TEQIP-II and the same is planned for newly recruited faculty members in near future under TEQIP-III. | SJCE | As and when required | As and when required | Continuous | Transition rate | 5.00 Lakhs  10 Lakhs  3 Lakhs | 5.00 Lakhs |
| Faculty Development Programme is conducted frequently in the thrust area of the faculties. FDP’s in subject domain is also conducted regularly to improve the subject knowledge among young faculties. | SJCE | As and when required | As and when required | 10 Lakhs |
| All teachers are given training in pedagogy including teaching of weak students, helping students with special needs achieve their learning goals, and an understanding of equity and equality, students’ rights andentitlements,  i.e. non-discriminatory practices. | SJCE | As and when required | As and when required |  |
| Industrial training/ visits are done on the basis of need/ link up with industry to keep abreast of cutting edge technology. | SJCE | As and when required | As and when required | 3 Lakhs |

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|  |  |  |  |  | 2018-19 | 2019-20 |  |  | 2018-19 | 2019-20 |
| (vi) | Make campuses physically and  socially gender- friendly; especially provide adequate and suitablefacilities  to women students and faculty | Sexual harassment cell has been established for safeguarding women students and faculty. Separate rest room exclusively provided for the women students and faculty. Ladies toilets are provided in each block. Prayer hall for all community/religious students is provided at a common place. Combined sports activities are encouraged to create gender friendly atmosphere. | Dr Muneera Begum, Professor in Chemistry (Committee Member) | SJCE | As and when required | As and when required | Continuous | Harassment free environment | 0.25Lakhs | 0.25 Lakhs |

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|  |  |  |  |  | 2018-19 | 2019-20 |  |  | 2018-19 | 2019-20 |
| (vii) | Hold innovation and Knowledge sharing Workshops yearly to improve knowledge  sharing | Workshops. Hackathons, Innovation council meeting | Dr Siddaramaiah, Professor in PST | Innovation council and start up cell | March 2019 | September 2019 and March 2020 | Continuous | Improvement in Placement, Patents filing. | 12 Lakhs | 12 Lakhs |
| (viii) | Sharing information and knowledge about engineering courses and institutions | Students clubs such as IEEE, CSI, along with student welfare officer and the office bearers of student community take part in disseminating information about engineering courses in and around schools. | Dr SudarshanPatil Kulkarni, Prof in E&C | All Departments | As and when required | As and when required | Continuous |  | 3 lakhs | 3 lakhs |
| (ix) | Provide appropriate infrastructure for  physically challenged students | Institution has provided wheel chairs, ramps, lifts, and hostel facilities for differently abled students. | Principal | SJCE |  |  | Continuous |  |  |  |
| (x) | Special efforts for training/ internship/ placement of weak  students | Special efforts are taken by providing Industry interaction and training facility. | Dr Pradeep M, Placement officer | SJCE | March 2019 | Sept 2020 | Continuous | Improvement in Placement | 3 Lakhs | 3 Lakhs |
| (xi) | A two tier grievance redress mechanism (GRM) | A GRM cell formed comprising of (i) Principal, Student welfare Officer, Women harassment committee member.  [admin@sjce.ac.in](mailto:admin@sjce.ac.in)  0821-2548285  ; (ii) State level: Women harassment committee, SC/ST cell. | SJCE | SJCE | Meetings as & when required | | Meetings as & when required |  | 0.5 Lakhs | 0.5 Lakhs |
| (xii) | Ensurethat institutional mechanisms to protect and address the needs and concerns of women students are  established. | Women harassment committee has been established. | SJCE | SJCE | Meetings as & when required | | Meetings as & when required |  | 0.5 Lakhs | 0.5 Lakhs |
| (xiii) | Develop a standard model for tracking of student progress.  Peer Learning Groups ofstudents | Autonomous section and departments track the students progress.  PACE projects, AERO JC club, E-yantra lab etc provides interdisciplinary projects among groups of students that help the peer learning. | All the departments | Principal and Department Heads | After every event of continuous internal evaluation and end semester examination. | After every event of continuous internal evaluation and end semester examination. | Continuous | Improvement in Transition |  |  |
| (xiv) | Appointing Student Mentors and Faculty Advisers for Students | Each department assigns student mentors for 6-8 junior students and appointing faculty advisers for 10 Students/student mentors. Faculty Advisors will guide the students  and monitor theirprogress | All the departments | Principal and Department Heads |  |  | Continuous | Improvement in Transition rate |  |  |

PRINCIPAL