

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

Format- Equity Action Plan

Name of Institute: BMS COLLEGE OF ENGINEERING BANGALORE

Name of EAP Coordinator: Dr.Poornima G – Professor & HOD, Dept. of Electronics and Communication Engineering

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Sl. No.	Activity	sub-activity/Action	Coordinator	Executing agency	Date & duration		Frequency	Indicator to measure outcome	Estimated Expenditure	
					2018-19	2019-20			2018-19	2019-20
(i)	To identify students who will require more academic support	<ul style="list-style-type: none"> ➤ Diagnostic tests and plans completed at the beginning of each semester; remedial measures carried out continuously thereafter ➤ The special classes are conducted for the students scoring below 40% as they require additional support. ➤ Conduction of Induction Program and these proficiency modules may be extended through extra-classes for students in need. ➤ Conduction of Remedial Classes ➤ Conduction of Bridge Courses ➤ Conduction of Special Supplementary Semester Course ➤ Handouts and notes are provided to students. ➤ Performance is assessed by means of assignments, solving previous question papers. ➤ Counseled by faculty and provided question paper answering techniques 	Dr.Jayanthi.S. Professor Mathematics dept	Dept. of Mathematics	Jan'19 Feb'19	Jan'20 Feb'20	Continues	Increasing Percent of students transiting from First to Second year with all first year courses passed	20,000/-	50,000/-

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(ii)	To improve language competency, soft skills and confidence levels	➤ Establishment of an English language lab where students can listen to tapes and use workbooks to improve their English, particularly spoken English	Dr.Vanishree .B.N. Assistant Professor Humanities	Dept. of Humanities	Dec'18- Mar'19	Continuous*	Continuous	Better transition rates for first and second year students	1,80,000/-	-
		➤ Conduction of regular English tutorials, covering both grammar and everyday English scattering to all categories SC/ST/OBC/GEN/WOMEN/PWD/ Rural/Urban/International students.	Dr.Vanishree .B.N Assistant Professor Humanities	Dept. of Humanities	Continuous	Continuous			Supported from the College	1,00,000/-
		➤ Guidance tools for teachers to transact with students that are culturally or linguistically less exposed to professional technical education / by including English as part of the main syllabus	Dr.Vanishree .B.N Assistant Professor Humanities	Dept. of Humanities	Continuous	Continuous				
		➤ Training program on soft skills for weaker section of students. Conduction of training by the experts in the field	Dr.Jayanth	Dept. of Mathematic	Continuous	Continuous				

*Requirement - As and when requested

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		➤ GATE/GRE/TOFEL training Course	Dr.G.N.Rameshaiah	GATE Coordinator	Dec'18-Feb'19	Dec'19-Feb'20	Continuous	Better transition rates for first and second year students	5,00,000/-	10,00,000/-
		➤ Research Assistantship to Full time research scholars to carry out their research easily. (5 Students)	HODs	All Dept	Dec'18-Mar'19	Apr'19-Mar'20			5,40,000/-	10,80,000/-
		➤ Financial Support to UG/PG/Phd student projects (Consumables) to increase their research competency. (20 Batches)	HODs	HODs	Dec'18-Mar'19	Continuous			3,00,000/-	-
		➤ Financial support to UG/PG/Phd students to participate in Conference/Seminars/Workshop to increase their research competency and publish the papers.	HODs	HODs	Dec'18-Mar'19	Continuous			50,000/-	1,00,000/-
		➤ Propel Labs to promote Research Interest among the Students	HODs	HODs	Continuous	Continuous			Supported by the College	Supported by the College

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(iii)	Institution to improve non-cognitive and soft skills including communication and presentation skills through their wide use in curricula / project based work, and where needed, to provide special skills training to students with priority to the weak students	<ul style="list-style-type: none"> ➤ Training program on soft skills for weaker section of students. ➤ Conduction of training by the experts in the field 	Dr.Pradeepa S	Placement Dept.				Improvement in job placement of students, especially among those with disadvantaged backgrounds	50,000/-	1,00,000/-
		<ul style="list-style-type: none"> ➤ Financial support to UG/PG Students attending internship in industry, increasing the employability skills. 	Dr.Pradeepa S	Placement Dept.					20,000/-	50,000/-
		<ul style="list-style-type: none"> ➤ Ensuring that students have opportunities right from the first year to develop and make presentations in the classroom. ➤ Clause in the service agreement of the employability skill training provider asking delivery of extra classes for students who may require them 	Dr.Pradeepa S	Placement Dept.					Supported from the College	Supported from the College
		<ul style="list-style-type: none"> ➤ Certification/ Skill development Initiatives 	Dr.Shubha BN Assist Prof MBA	Institutional Nominated					50,000/-	1,00,000/-

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(iii)	Institution to improve non-cognitive and soft skills including communication and presentation skills through their wide use in curricula / project based work, and where needed, to provide special skills training to students with priority to the weak students	➤ Enhanced Industry-Institute Interaction through MOUs	Dr.Indiramma M Professor CSE	IIIC Coordinator	Continuous	Continuous	Continuous	Improvement in job placement of students, especially among those with disadvantaged backgrounds	Supported from the College	Supported from the College
		➤ Innovative Curriculum/TLP; Choice Based Credit System	HODs	All Depts	Continuous	Continuous	Continuous		Supported from the College	Supported from the College
		➤ Blended Learning (Extension Lectures/Industrial Visits)	HODs	All Depts	Dec'18-Mar'19	Continuous	Continuous		50,000/-	1,00,000/-
		➤ Industry Collaborations /Joint product development/Joint Labs/Incubation Centres	HODs	All Depts	Continuous	Continuous	Continuous		Supported from the College	Supported from the college
		➤ Centre of Excellence in Internet of Things (with Altimetrik) - Computer Science	HODs	All Depts	Continuous	Continuous	Continuous			
		➤ Centre of Excellence for Skill Development (ESSCI & IESA) - Electronics Engineering	HODs	All Depts	Continuous	Continuous	Continuous			
		➤ Incentives for Paper Publication in Journals, Professional Body membership, Book grant	HODs	All Depts	Dec'18-Mar'19	Continuous	Continuous		30,000/-	1,00,000/-
		➤ Single Window system for encouraging Consultancy (CII TDB T NET Centre)	HODs	All Depts	Continuous	Continuous	Continuous		Supported from the college	Supported from the college

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(iv)	Give under-qualified teachers priority in opportunities to upgrade their domain knowledge	➤ Deputation of faculty of all category SC/ST/OBC/WOMEN for training (TNA) based on requirement and presentation of research papers.	Dept. HODs and Departmental Coordinators for TEQIP Activities	All Depts	Dec'18-Mar'19	Continuous	Continuous	Number of faculty participated in research/ conference and papers presented/ publication	1,00,000/-	2,00,000/-
		➤ Organizing subject area training programs, pedagogical trainings, workshops, seminars, Conferences and Continuing Education Programme (CEP).								
		➤ Enhancing the Knowledge of Faculties- Qualification up gradation, Enhancing Research Competencies, Consultancy and Patenting						50,000/-	4,00,000/-	
		➤ Manage enrolling few faculties every year at nearby QIP center for qualification upgradation						Supported from the college	Supported from the college	
		➤ Enhanced interaction with industry								
		➤ Conducting Professional Development Programme for faculty					Number of faculty participated in research/ conference and papers presented/ publication	-	20,000/-	

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(v)	Training of teachers in subject matter and pedagogy, particularly to improve the performance of weak students/ transgender students	➤ Organizing subject area training programs, pedagogical trainings, workshops, seminars, Conferences and Continuing Education Programme (CEP).	Dept. HODs and Departmental Coordinators for TEQIP Activities	All Depts	Continuous	Continuous	Continuous	Percent of planned training completed as reported/ aggregated 6 monthly Satisfaction survey results	-	1,00,000/-

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(vi)	Make campuses physically and socially gender-friendly, including provisions for students of transgender; especially provide adequate and suitable facilities to women students and faculty	<ul style="list-style-type: none"> ➤ A Student Affair Cell is Established and active. ➤ Also Anti Ragging Cell is Active. ➤ Grievance Cell is Active. 	Student Affairs	Dean-Student Affairs	Continuous	Continuous	Continuous	Institutions to provide descriptive reports of actions taken including number of beneficiaries	Supported from the College	Supported from the College
(vii)	Hold innovation and Knowledge Sharing Workshops yearly to improve knowledge sharing	<ul style="list-style-type: none"> ➤ Technical Clubs are active like.. Phase Shift, SAE Aero Space, Bullz Racing, Startup Cell ➤ Local Language based student cultural club – Chirantana, ➤ Other student club like – Sahas and NSS ➤ Institutional level Student Project Competition 	Dept. HODs and Departmental Coordinators for TEQIP Activities	All Depts	Dec'18-Mar'19	Continuous	Continuous	Number of thematic workshops organized, participants attended.	1,00,000/-	1,00,000/-

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(x)	A two-tier grievance redress mechanism (GRM)	<ul style="list-style-type: none"> ➤ Grievance Redressal Cell ➤ Constitution of SC/ST/OBC Cell 	Dr.Meena.P	Institute Nominated Convener	Continuous	Continuous	Continuous	Placing of GRO. Number of complaints received and time taken to address grievances Number of unsolved cases / referred cases to SPIU	Supported from the College	
(xi)	Ensure that institutional mechanisms to protect and address the needs and concerns of women students are established.	<ul style="list-style-type: none"> ➤ Grievance Redressal Cell. ➤ Constitution of SC/ST/OBC Cell 	Dr.Meena.P	Institute Nominated Convener	Continuous	Continuous	Continuous	Establishment of Gender committee Improved students' performance due to counseling	Supported from the College	

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(xii)	Peer Learning Groups of students	➤ Peer learning ➤ Organizing Aluminous meet.	Concerned HODs	All Depts	Continuous	Continuous	Continuous	Improvement in student's performance / better marks / improved transition from first to second year	Supported from the College	
(xiii)	Appointing Student Mentors and Faculty Advisers for Students	➤ Proctor system; Online feedback system	Concerned HODs	All Depts	Continuous	Continuous	Continuous	Satisfactory progress in implementation of the proposed activities and achievement of targets, based on the reports received from the mentors	Supported from the College	
Total Estimated Expenditure in (Rs)									22,40,000/-	38,20,000/-

Note:

- For suggestive activity please refer column 1 of table of details of Equity Action plan in section 8 of Project Implementation Plan(PIP)
- If the activities are being carried out by the outside agency, mention name of the agency
- Same activity if repeated should be mentioned in a new row
- While specifying the indicator please refer column 5 "monitoring Indicators" table of details of Equity Action plan in section 8 of Project Implementation Plan(PIP)


EAP Coordinator


Nodal officer Finance


TEQIP Coordinator 23/11/2018


Principal