

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

Format- Equity Action Plan for Civil Engineering Department.

Name of Institute: BVB'S Sardar Patel College of Engineering

Sl. No.	Activity	Sub-activity /Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1	Basic Mix Design Workshop	1.3.2.1	Dr. A. A. Bage Dr. P. G. Gaikwad	SPCE & Ambuja Cements.	27 & 28 Nov 2018 2 Days	Every Semester	Improvement in Job placement	Rs. 0.5 lakh
2	Basic & Advanced Concrete Mix Design Workshop	1.3.2.1	Dr. A. A. Bage Dr. P. G. Gaikwad Prof. S.J. Kumbhar	SPCE & Ambuja Cements.	11, 12, & 13 Dec 2018 3 Days	Every Semester	Improvement in Job placement	Rs. 1 lakh
3	5 Day STTP for Students under Twinning	1.3.2.7	Dr. A. A. Bage Dr. P. G. Gaikwad	SPCE & Ambuja Cements.	1 Jan -5 Jan 2019 (5 days)	Every Semester	Improvement in Job placement	Rs. 1 lakh
4	Software Training on ETABS/STAAD	1.3.2.1	Dr. A. A. Bage Prof. A. Deshpande	Computer Help, Mumbai	8, 9, 15 & 16 th March 2019	Every Semester	Improvement in Job placement	Rs. 1.7 Lakh
5	STTP on Numerical Methods	1.3.2.4	Dr. A. A. Bage Prof. A. Deshpande	SPCE	6 th Jan -11 th Jan 2019 6 Days	Every Semester		Rs. 3.5 lakh
6	Advanced Concrete Mix Design Workshop		Dr. P G Gaikwad Prof. S.J. Kumbhar	SPCE & Ambuja Cements.	3 Days	Every Semester	Improvement in Job placement	Rs. 1 lakh

Sl. No.	Activity	Sub-activity /Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
7	FDP on Water Resources Engineering & Fluvial Hydraulics	1.3.2.4	Dr. A. R. Kambekar	SPCE	22.23.& 24 Feb 2019 (3 days)	Once in a Year		Rs. 3.0 lakh
8	Industry Visit Visit to RMC Plant Visit to Vaitarna Dam Visit to water Treatment Plant	1.3.2.11	Dr. A A Bage Dr. P G Gaikwad Dr. Hansa Jeswani	SPCE		Every Semester	Improvement in Job placement	Rs. 2.0 lakh
9	Guest lecture from Industry Person	1.3.2.1	Dr. M M Murudi	SPCE	16 Jan -30 th April 2019	Every Semester	1.Improvement in students learning 2.Better Transition rate.	Rs 0.30 Lakh
10	MOOC's and Digital Learning (NPTEL/SWAYAM)	1.3.2.6 1.3.2.7	Dr. P G Gaikwad	All students & Faculties of Civil Engineering	28 Jan -19 April 2019	Every Semester	1.Improvement in students learning. 2.Better Transition rate.	Rs. 0.66 lakh
11	Remedial Coaching	1.3.2.1	Dr. M M Murudi	All Faculty members of civil Engineering	16 Jan -30 th April 2019	Every Semester	1.Improvement in students learning. 2.Better Transition rate.	Rs. 0.5 lakh
12	Workshop on Water Gems	1.3.2.1	Dr. Hansa Jeswani	SPCE		Every Semester	Improvement in Job placement	Rs. 0.5 Lakh
13	GATE Coaching	1.3.2.1 1.3.2.3	Prof. Ushma Shah	All students Final year Students	1 st Dec – 5 th Feb 2019	Every Year	1.Improvement in students learning. Improvement in Job placement	1.2 lakh.

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

Format- Equity Action Plan for Mechanical Engineering Department.

Name of Institute: BVB'S Sardar Patel College of Engineering

Sl. No.	Activity	Sub-activity /Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1	Industry training to faculty on Process Plant Operation and Engineering	1.3.2.1	Dr. N. R. Raykar Prof. Megha Janbandhu	SPCE & RCF	10-11 Dec 2018 2 Days	Every Semester	Faculty development	Rs. 0.25 lakh
2	Training on Thermal Power Plant Engineering and Operations	1.3.2.7	Prof. Parag Muley	SPCE and Adani Dahanu Thermal Power Plant	7-11 Jan 2019 5 days	Every Semester	Improvement in Job placement	Rs. 3.5 lakh
3	Training program om 'Advanced Mechanical Equipment and Best Maintenance practices in industry'	1.3.2.1	Dr. N. R. Raykar Prof. Megha Janbandhu	SPCE & RCF	17-19 Dec 2018 3 Days	Every Semester	Improvement in Job placement	Rs. 1.5 lakh
4	5 Day STTP for Students under Twinning	1.3.2.7	Dr. S. B. Rane	SPCE	1 Jan -5 Jan 2019 (5 days)	Every Semester	Improvement in Job placement	Rs. 3 lakh
5	Software Training on 1. PYTHON for Mechanical Engineers 2. Solid Modelling using CATIA for Mech. Engineers	1.3.2.1	Dr. N. R. Raykar Prof. Kunal Bhavsar Prof. Sharad Valvi	SPCE	1-2 days	Every Semester	Improvement in Job placement	Rs. 3.0 Lakh
6	STTP on Six Sigma	1.3.2.4	Dr. S. B. Rane	SPCE	14-18 Jan 2019 5 Days	Every Semester		Rs. 3.5 lakh

Sl. No.	Activity	Sub-activity /Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
7	Training program on Advanced Process operation in Chemical Industry		Dr. N. R. Raykar Prof. Megha Janbandhu	SPCE & RCF	5 Days	Every Semester	Improvement in Job placement	Rs. 3 lakh
8	FDP on Introduction to Augmented Reality	1.3.2.1	Dr. R. B. Buktar	SPCE	3 days	Every Semester	Improvement in Job placement	Rs. 1.5 lakh
9	Industry Visit Visit to Dahanu Power plant Visit to RCF Trombay Visit to Mahindra & Mahindra	1.3.2.11	Prof. Parag Muley Prof. Megha Janbandhu Prof. Haseen Shaikh	SPCE	1-2 days	Every Semester	Improvement in Job placement	Rs. 2 lakh
10	Guest lecture from Industry Person	1.3.2.1	Dr. N. R. Raykar	SPCE	16 Jan -30 th April 2019	Every Semester	1.Improvement in students learning 2.Better Transition rate.	Rs 0.30 Lakh
11	MOOC's and Digital Learning (NPTEL/SWAYAM)	1.3.2.6 1.3.2.7	Dr. N. R. Raykar	All students & Faculties of Mechanical Engineering	16 Jan -30 th April 2019	Every Semester	1.Improvement in students learning. 2.Better Transition rate.	Rs. 0.50 lakh
12	Remedial Coaching	1.3.2.1	Dr. N. R. Raykar	All students & Faculties of Mechanical Engineering	16 Jan -30 th April 2019	Every Semester	1.Improvement in students learning. 2.Better Transition rate.	Rs. 0.50 lakh
13	Workshop on MEMS	1.3.2.1	Dr. K. S. Bhole	SPCE	1-2 days	Every Semester	Improvement in Job placement	Rs. 1 lakh

Sl. No.	Activity	Sub-activity /Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
14	GATE Coaching	1.3.2.1 1.3.2.3	Prof. Ushma Shah	All students Final year Students	1 st Dec – 5 th Feb 2019	Every Year	Improvement in students learning. Improvement in Job placement	1.2 lakh.

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

Format- Equity Action Plan for Electrical Engineering Department.

Name of Institute: BVB'S Sardar Patel College of Engineering

Sl. No.	Activity	Sub-activity /Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1	Introduction to MATLAB/Sci Lab	1.3.2.1	Dr. A. Sabnis	SPCE	2 Days	Every Semester	Programming Skills	30,000/-
2	Beginners guide to Python	1.3.2.1	Dr. A. Sabnis Mr. Narpat	SPCE	2 Days	Every Semester	Programming Skills	30,000/-
3	FEM for Electrical Engineers	1.3.2.1	Prof. Vishal Dake	SPCE	2 Days	Every Semester	Improvement in projects	30,000/-
4	Software Training on ETAP/WAMS	1.3.2.1	Dr. Swati Lavand	SPCE	3 Days	Every Semester	Improvement in projects	45,000/-
5	Workshop on Programmable Logic Controllers	1.3.2.1	Dr. Sangita Daingade	SPCE	2 Days	Every Semester	Improvement in projects	30,000/-
6	Android App Development	1.3.2.1	Prof. Ushma Shah Mr. Narpat	SPCE	2 Days	Every Semester	Improvement in projects	30,000/-
7	Remedial Coaching	1.3.2.1	Dr. Anupa Sabnis	All Faculty EED SPCE		Every Semester	Improvement in result	50,000/-
8	GATE coaching		Prof. Ushma Shah		January – June 19			1,20,000/-
9	Industry Visit to power plant, Railway	1.3.2.11	Prof. Prajakta Joshi Prof. Hemlata Rao		Feb- March 2019		Students' Learning	20,000/-
10	Guest lectures	1.3.2.11	Dr. A. Sabnis	Industry	Once in month for 1.5-3.00 Hrs	Every Semester	Students' Learning	30,000/-