

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)**

**Equity Action Plan Dec 2020 to March 2021**

**Name of Institute: BVB's Sardar Patel College of Engineering, Andheri (W), Mumabi.**

**Part A: For soft activities in Civil Engineering Department**

Sl. No.	Activity	Action to be taken	Coordinator from the institute	Executing agency	Date & duration	Frequency	Whether continuing from last action plan or new activity	Indicator to measure outcome (should be quantifiable)	Estimated Expenditure In Rs	Sustainability Plan (Whether the activity will be conducted after the completion of the project Yes/No)	If yes, what will be the source of funding
1.	Basic Mix Design Workshop under Twinning	Arrange online workshop for Students	Dr.A.A.Bage Dr. P.G. Gaikwad	SPCE & Ambuja Cements	Jan 2021 2 Days	Every semester	New activity	Improvement in Job placement	100000.00	Yes	Institute + stakeholder
2.	Basic & Advanced Concrete Mix Design Workshop under Twinning	Arrange online workshop for Students	Dr.A.A.Bage Dr. P.G. Gaikwad Prof. S.J. Kumbhar	SPCE & Ambuja Cements	March 2021 3 Days	Every Semester	Continue from last plan	Improvement in Job placement	100000.00	Yes	Institute + stakeholder
3.	5Days	Arrange	Dr.A.A.Bage	SPCE	Feb 2021	Every	Continue from	Improvement	150000.00	Yes	Institute +

	Training for Students under Twinning	online training for Students	Dr. P.G. Gaikwad		5 Days	Semester	last plan	t in Job placemen	150000.00		stakeholder
4.	Software Training on ETABS/S TAAD/ MIDAS	Arrange online training for Students	Dr.A.A.Bage Prof. A.Deshpande	Software Industry	Feb/March 2021 4/5 Days	Every Semester	Continue from last plan	Improvement in Job placement	200000.00	Yes	Institute + stakeholder
5.	Advanced Technics in Environmental Engineering	Arrange online training for Students	Dr.Hansa Jeswani	SPCE	Feb/March 2021 3 Days	Once in a year	New	Improvement in Job placement	50000.00	Yes	Institute + stakeholder
6.	Industry Visit Visit to Port Visit to RMC Plant Visit to Dam Visit to water Treatment plant Visit to CWPRS Pune Visit to Model Village	<b>Arrange Visits for the students</b>	Dr. P. P. Nagrale Dr.A.A.Bage Dr.A.R .Kambekar Dr. P.G. Gaikwad Dr.Hansa Jeswani Dr.A.N. Ghadge Prof. Raskar Prof. S.J. Kumbhar	SPCE	Jan to March 2021	Every Semester	<b>Continue from last plan</b>	Improvement in Job placement	400000.00	Yes	Institute + stakeholder
7.	Guest	Arrange	Dr.M.M.	SPCE	Jan to	Every	Continue from	1.Improvement	50000.00	Yes	Institute +

	lecture from Industry Person	online Guest Lectures for Students	Murudi and All faculty members	All faculty members	March 2021	Semester	last plan	ent in students learning. Better Transition rate and placement			stakeholder
8.	MOOC's and Digital Learning (NPTEL/SWAYAM)	Registration for course And complete certification	Dr. P.G. Gaikwad	All students & Faculty members of Civil Engineering	Jan to May 2021	Every Semester	Continue from last plan	1.Improvement in students learning 2. Better Transition rate and placement	50000.00	Yes	Institute + stakeholder
9.	Remedial Coaching	Arrange Remedial Coaching	Dr.M.M. Murudi	All Faculty members of Civil Engineering	Jan to May 2021	Every Semester	Continue from last plan	1.Improvement in students learning 2. Better Transition rate placement	50000.00	Yes	Institute + stakeholder
10.	Workshop on Water Gems	Arrange online training for Students	Dr.Hansa Jeswani	SPCE	Jan 2021	Every Semester	Continue from last plan	Improvement in Job placement	50000.00	Yes	Institute + stakeholder
11.	GATE Coaching	Arrange online training for Students	Dr.A.A.Bage	SPCE	Jan to March 2021	Once in year	Continue from last plan	Improvement in students learning	300000.00	Yes	Institute + stakeholder
12.	Induction		Dr.A.A.Bage	SPCE	Jan 2021	Once in	New	To become	50000.00	Yes	Institute +

	Programme for the F.Y.B.Tech students					year		trainers for other Institutes.			stakeholder
13.	Induction Program for faculty (3 Days)		Dr.A.A.Bage	SPCE	Jan/Feb 2021	Once in year	New	To become trainers for other Institutes.	150000.00	Yes	Institute + stakeholder
14.	Training for students (SELP) Student excellence learning Programme	Arrange online training for Students	Dr.A.A.Bage	SPCE	Jan/Feb 2021	Once in year	New	Improvement in students learning	150000.00	Yes	Institute + stakeholder
15.	MCEP for faculty 6		Dr.A.A.Bage	SPCE	Jan/Feb 2021	Once in year	New	Improvement in overall administration of the department.	150000.00	Yes	Institute + stakeholder
16.	3 Day Training on MSP& Primavera	Arrange online training for Students	Dr.A.N. Ghadge	SPCE	Jan/Feb 2021	Once in year	New	Improvement in students learning	50000.00	Yes	Institute + stakeholder
17.	2 Day Training on BIM	Arrange online training for Students	Dr.A.N. Ghadge	SPCE	March 2021	Once in year	New	Improvement in students learning	50000.00	Yes	Institute + stakeholder

18.	Software demo: FREW and GRETA	Arrange online training for Students	Kshitija Nadgouda	Oasys	Feb 2020	One time	New	Use of software for B Tech project	30000.00		
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**Part A: For soft activities in Mechanical Engineering Department**

Sl. No.	Activity	Action to be taken	Coordinator from the institute	Executing agency	Date & duration	Frequency	Whether continuing from last action plan or new activity	Indicator to measure outcome (should be quantifiable)	Estimated Expenditure In Rs.	Sustainability Plan (Whether the activity will be conducted after the completion of the project Yes/No)	If yes, what will be the source of funding
1.	Industry training to faculty on Process Plant Operation and Engineering	Arrange online training for faculty	Dr. N.R.Raykar, Prof. M. Janbandhu	RCF and SPCE	Jan 2021 2 days	Every semester	Continue from last plan	Faculty Development	10000.0	No (after training of all faculty)	NA
2.	Industry training to students on Industrial Safety	Arrange online training for students	Dr. N.R.Raykar, Prof. Haseen Shaikh	RCF and SPCE	Mar 2021 2 days	Every semester	New activity	Improvement in Job placement	150000.0	Yes	Institute + stakeholder
3.	Software training on Python Programming for Mechanical Engineers	Arrange training for students	Dr. N.R. Raykar	SPCE	Jan 2021 3 days	Every Semester	Continue from last plan	Improvement in Job placement	20000.0	Yes	Institute + stakeholder
4.	Software training on ANSYS software	Arrange training for students	Dr. N.R. Raykar	SPCE, ANSYS	Jan 2021 5 days	Every Semester	Continue from last plan	Improvement in Job placement	100000.0	Yes	Institute + stakeholder
5.	Guest lecture from Industry Person	Arrange guest lecture	Dr. N.R. Raykar	SPCE-MED	Jan-Mar 2021 3 sessions	Every Semester	Continue from last plan	Improvement in Job placement	10000.0	Yes	Institute + stakeholder
6.	Training on experimental	Arrange training	Dr. N. R. Raykar and	SPCE & BISS	Jan 2021 2 days	Every semester	Continue from last	Improvement in student	100000.0	Yes	Institute + stakeholder

	techniques for fatigue and fracture testing		Prof. D. N. Jadhav				plan	learning			
7.	Training on Machine Learning	Arrange training	Dr. N. R. Raykar	SPCE	Jan 2021 5 days	Every semester	New	Improvement in student learning	10,000	Yes	Institute + stakeholder
8.	Remedial Coaching	Conduct remedial coaching	Dr. N. R. Raykar	SPCE-MED	Feb-Mar 2021 2 sessions	Every Semester	Continue from last plan	1Improvement in students learning. 2.Better Transition rate.	10,000	Yes	Institute + stakeholder
9.	Software training	Office management and software training to exam office staff	D. N. JADHAV	External	Third week of dec2020, Three days	Once	No	Domain knowledge	10,000		
10.	Guest lecture	To arrange the expert lecture for course	D. N. JADHAV	External	First week of February 2021	One /sem	No	Domain knowledge, student learning	2000		
11.	Guest Lecture	Arrange guest lecture	Dr. S. S. Umale	SPCE MED	Jan-Mar 2021 3 sessions	Every Semester	New activity	Improvement in Job placement	10,000.0	Yes	Institute + stakeholder
12.	Remedial Classes	For UG and PG Students	Dr. S. S. Umale	SPCE Mumbai	01 January 2021	05	New Activity	Domain knowledge, student learning.	5000	No	--
13.	Faculty Development Program	For Faculty	Dr. S. S. Umale	SPCE Mumbai,	10 January 2021 to 15	01	New Activity	Domain knowledge,	100000	No	--

		and self		REC Rewa. Twinning activity	January 2021			faculty development			
13.	Guest Lecture from industry persons	For UG and PG Students	Dr. K. S. Bhole	SPCE Mumbai	12 March 2021	03	New Activity	Domain knowledge, student learning.	10000	No	--
14.	Remedial Classes	For UG and PG Students	Dr. K. S. Bhole	SPCE Mumbai	01 January 2021	05	New Activity	Domain knowledge, student learning.	5000	No	--
15.	Industry Visit	For UG and PG Students	Dr. K. S. Bhole	SPCE Mumbai	13 March 2021	01	New Activity	Placement, domain knowledge, student learning.	20000	No	--
16.	Faculty Development Program	For Faculty and self	Dr. K. S. Bhole	SPCE Mumbai, Simulation Centre Ltd, REC Rewa. Twinning activity	04 January 2021 to 08 January 2021	01	New Activity	Domain knowledge, faculty development	100000	No	--
17.	Students Projects	For UG and PG Students	Dr. K. S. Bhole	SPCE Mumbai	January 2021	02 Batches	New Activity	Student learning.	100000	No	--
18.	Software Training Program	For self and Students	Dr. K. S. Bhole	Shirsh Ltd., SPCE Mumbai	11 January- 15 January 2021	01	New Activity	Placement, domain knowledge, student learning,	100000	No	--



								faculty development			
19.	Online One week Programme on strategic issues in IPR and Innovation	Organizing One week programme	Dr Santosh Rane	Dean Academics	1st Jan to 8th Jan 2021				100000.00		
20.	Online One week NIRF	Organizing One week Programme	Dr Santosh Rane	Dean Academics	16TH Jan 2021 to 22nd Jan 2021	1 week	Continued from action plan	Knowledge about NIRF	70000/-	NO	
21.	STTP on Taguchi Method	Department	SachinVankar	SPCE	25 Dec 2020 1 week	1	New activity	Faculty development	50,000	No	
22.	FDP on 8051	Department	SachinVankar	SPCE	20 Jan 2021 3 Days	1	New activity	Domain knowledge	50,000	No	
23.	Industrial Training	Department	SachinVankar	INSTRON, Chennai	2 <sup>nd</sup> Feb 1 week	1	New activity	Faculty development	1,00,000	No	
24.	Industry Visit	Department	SachinVankar	L&T Surat	14 <sup>th</sup> Feb 2021 3 Days	1	New activity	Student Learning	75,000	No	
25.	Software Training Programme	Department	SachinVankar	INSTRON, Mumbai	11 <sup>th</sup> March 2021 1 Week	1	New activity	Domain Knowledge	1,00,000	No	
26.	Guest Lecture from Industry	Department	SachinVankar	L&T	15 <sup>th</sup> March, 2021 1 Day	1	New activity	Student Knowledge	10,000	No	
27.	Remedial Classes	Department	SachinVankar	SPCE	20 Dec 2020 1 Week	1	New activity	Student Knowledge	10,000	No	
28.	Expert Lecture On Thermal Power plants	UG Students	Dr. B. N. Bhasme	SPCE Mumbai	27/11/2020	Once	New Activity	Domain knowledge,	5000	No	--

								student learning.			
29.	Expert Lecture on Cold Storages TY B. Tech	UG and PG students	Dr. B. N. Bhasme	SPCE Mumbai	26/02/2021	Once	New Activity	Domain knowledge, student learning.	5000	No	--
30.	Industrial Visit to Air conditioning Plant	UG Students	Dr. B. N. Bhasme	SPCE Mumbai	08/03/2021	Once	New Activity	Domain knowledge, student learning.	50,000	No	--
31.	Students Projects	For UG and PG Students	Dr. B. N. Bhasme	SPCE Mumbai	January to March 2021	02 Batches	New Activity	Student learning.	100000	No	--
32.	Faculty Development Program	For Faculty and self	Dr. B. N. Bhasme	SPCE Mumbai, and REC Rewa.	15 March 2021 to 19 March 2021	01	New Activity	Domain knowledge, faculty development	100000	No	--
33.	Guest Lecture	Conduct Guest Lecture	Kunal Bhavsar	SPCE Mumbai,	January to March 2021	Monthly One	New Activity	Domain knowledge, student learning	7500	Yes	Industry/Professional Bodies
34.	Remedial Classes	Conduct Remedial Class	Kunal Bhavsar	SPCE Mumbai,	January to March 2021	Twice a semester	New Activity		3000	Yes	Industry/Professional Bodies

**Part A: For soft activities in Electrical Engineering Department.**

Sl. No.	Activity	Action to be taken	Coordinator from the institute	Executing agency	Date & duration	Frequency	Whether continuing from last action plan or new activity	Indicator to measure outcome (should be quantifiable)	Estimated Expenditure In Rs.	Sustainability Plan (Whether the activity will be conducted after the completion of the project Yes/No)	If yes, what will be the source of funding
1.	Workshop		Dr. Anupa Sabnis	SPCE And Industry Experts	January and February Two Days	02 in quarter	No		20000	No	Institute + stakeholder
2.	Guest Lectures		Dept. Faculty	Industry Experts	January February March 2Hrs. Each	06 in quarter	No	Domain knowledge, student learning	15000	No	Institute + stakeholder
3.	Remedial Coaching		Dept Faculty	SPCE	December	As per requirement	No	Improvement in Transition Rate	30000	No	Institute + stakeholder
4.	SWAYAM Registration			NPTEL	February	As per requirement	No	Domain knowledge, student learning	30000	No	Institute + stakeholder
5.	FDP		Dept Faculty	SPCE And Industry Experts	January February March One week each	As per availability	No		75000	No	Institute + stakeholder

**Part B: For Minor Civil works: MINOR CIVIL WORK IS NOT APPLICABLE.**

<b>Sl. No.</b>	<b>Activity</b>	<b>Coordinator from the institute</b>	<b>Executing agency</b>	<b>Date&amp; duration</b>	<b>Indicator to measure outcome</b>	<b>Estimated Expenditure</b>	<b>Labor management Plan submitted to NPIU/SPIU (Yes/No/In process)</b>	<b>Sustainability Plan (Whether the activity will be conducted after the completion of the project Yes/No)</b>	<b>If yes, what will be the source of funding</b>
<b>1.</b>									
<b>2.</b>									

Note:

- a. For suggestive activity please refer column 1 of table of details of Equity Action plan in section 8 of Project Implementation Plan(PIP)
- b. If the activities are being carried out by the outside agency, mention name of the agency
- c. Same activity if repeated should be mentioned in a new row
- d. 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)
- e. The amount should be mentioned in rupees only, no lakhs etc.