Maharashtra State Board of Technical Education

(Autonomous)   (ISO 9001:2008)

Online Institute Monitoring Portal of MSBTE -1st Monitoring 2018-19

Disclaimer- **The Maharashtra State Board of Technical Education (MSBTE) is in the process of preparing a perspective plan (2019-2024) for Diploma education in the state of Maharashtra. This questionnaire aims to sensitize the institutions and set targets on some key performance indicators (KPIs) which institutions set for themselves and becomes the basis for self-evaluation of the institutes in the future. Responses recorded will be strictly kept confidential and shall only be used for the above mentioned purpose.**

Questionnaire for Institution (For Print)

▶ 1. Respondent Information

Question	Options
1.1 Name of the Institution	SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S COLLEGE OF ENGINEERING(POLYTECHNIC)
1.2 Institute's MSBTE Code	1074

AICTE & Non AICTE Programs- First Shift ☑	AICTE & Non AICTE Programs Second Shift ☐	Community Polytechnics & NVQF/NSQF Courses ☐	Earning by Learning Programs ☐	DVOC Programs/Skill Diploma Programs ☐
1074	0000	0000	0000	0000

▶ 2. Improvement in Enrolments[Target: Ensure 100% Capacity Utilisation across all Diploma/*pharmacy* and Advanced Diploma Courses by 2023-24]

▶ Existing courses for AICTE & Non- AICTE First Shift

Particulars	

		Current Status			Intermediate Targets				Final Targets
		2018-2019			2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
	Name	Intake	Admitted	Percent					
a) AICTE Approved diploma/*pharmacy* advanced diploma	CIVIL ENGINEERING	60	60	100	100	100	100	100	100
	COMPUTER ENGINEERING	60	60	100	100	100	100	100	100
	ELECTRICAL ENGINEERING	60	60	100	100	100	100	100	100
	ELECTRONICS & TELE-COMMUNICATION ENGINEERING	60	60	100	100	100	100	100	100
	INFORMATION TECHNOLOGY	60	60	100	100	100	100	100	100
	MECHANICAL ENGINEERING	120	120	100	100	100	100	100	100

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	Current Status			Intermediate Targets				Final Targets
	2018-2019			2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
b) Non- AICTE Approved diploma/*pharmacy* advanced diploma (MSBTE)	Name	Intake	Admitted	Percent				

save

▶ Newly Developed Courses for AICTE & Non- AICTE First Shift

	Current Status			Intermediate
Particulars	2018-2019	2019-2020	2020-2021	
a) AICTE Approved diploma/ advanced diploma /*pharmacy*	Select / Enter if Other	Select / Enter if Other	Select / Enter if Other	

b) Non- AICTE Approved diploma/*pharmacy* / advanced diploma (MSBTE)	*Select*	*Select*	*Select*	
	Enter if Other	Enter if Other	Enter if Other	

▶ Courses to be discontinued for AICTE & Non- AICTE First Shift

Particulars	
a) AICTE Approved diploma /*pharmacy* / advanced diploma *(Multiple Responses can be selected. Please press OK button after making the choice/choices)*	*Select*
b) Non- AICTE Approved diploma/ advanced diploma (MSBTE) *(Multiple Responses can be selected. Please press OK button after making the choice/choices)*	*Select*

▶ Existing courses for AICTE & Non- AICTE Second Shift

Particulars	

a) AICTE Approved diploma /*pharmacy* / advanced diploma

		Current Status			Intermediate Targets				Final Targets
		2018-2019			2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Name	Intake	Admitted	Percent						

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b) Non- AICTE Approved diploma /*pharmacy* / advanced diploma (MSBTE)

		Current Status			Intermediate Targets				Final Targets
		2018-2019			2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Name	Intake	Admitted	Percent						

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▶ Newly Developed Courses for AICTE & Non- AICTE Second Shift

	Current Status			Intermediate
Particulars	2018-2019	2019-2020	2020-2021	
a) AICTE Approved diploma/ advanced diploma /*pharmacy*	*Select* Enter if Other	*Select* Enter if Other	*Select* Enter if Other	
b) Non- AICTE Approved diploma/*pharmacy* / advanced diploma (MSBTE)	*Select* Enter if Other	*Select* Enter if Other	*Select* Enter if Other	

▶ Courses to be discontinued for AICTE & Non- AICTE Second Shift

Particulars	
a) AICTE Approved diploma /*pharmacy* / advanced diploma *(Multiple Responses can be selected. Please press OK button after making the choice/choices)*	*Select*
b) Non- AICTE Approved diploma /*pharmacy* / advanced diploma (MSBTE) *(Multiple Responses can be selected. Please press OK button after making the choice/choices)*	*Select*

▶ Existing Courses for Communicty Polytechnic Courses

	Current Status	Intermediate Targets				Final Targets
Particulars	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
a) Community Polytechnic Programs	0	0	0	0	0	100

▶ Newly Developed Courses for Communicty Polytechnic

	Current Status		Intermed
Particulars	2018-2019	2019-2020	2020-2021
a) Community Polytechnic Programs	*Select* Enter if Other	*Select* Enter if Other	*Select* Enter if Other

▶ Courses to be discontinued for Communicty Polytechnic & NVQF/NSQF

Particulars	
a) Community Polytechnic Programs	

▶ Existing Courses for Earning by Learning

Particulars	Current Status	Intermediate Targets				Final Targets
	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
a) Earning by Learning Programs	0	0	0	0	0	100

▶Newly Developed Courses for for Earning by Learning

Particulars	Current Status	Intermedia	
	2018-2019	2019-2020	2020-2021
a) Earning by Learning programs	Select / Enter if Other	Select / Enter if Other	Select / Enter if Other

▶Courses to be discontinued for Earning by Learning programs

Particulars	
a) Earning by Learning programs	

▶Existing Courses for D. Voc. and Skill Diploma Programs

Particulars	Current Status	Intermediate Targets				Final Targets
	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
a) D. Voc. Programs	Enter Count	0	0	0	0	100
b) Skill Development Programs	Enter Count	0	0	0	0	100

▶Newly Developed Courses for D. Voc. and Skill Development Programs

Particulars	Current Status	Intermediat	
	2018-2019	2019-2020	2020-2021
a) D. Voc. Programs	Select / Enter if Other	Select / Enter if Other	Select / Enter if Other
b) Skill Development Programs	Select / Enter if Other	Select / Enter if Other	Select / Enter if Other

▶Courses to be discontinued for D. Voc. and Skill Development Programs

Particulars	
a) D. Voc. Programs	
b) Skill Development Programs	

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Questionnaire for Institution Part 2

> ⬇ **3. Placements[Target: By 2023-24, across all diploma /*pharmacy* and Advanced Diploma Courses, ensure at least 50% of all successful candidate be Placed and at least 10% of all successful candidate pursue entrepreneurship or establish start-ups]**

Particulars	Current Status 2017-18	Intermediate Target 2018-19	2019-20	2020-21	2021-22	2022-23	Final Target 2023-24
Proportion of students getting placed (% of Enrolments) within 6 months of course completion [The institution should target to achieve at least 50% placements]	7	10	20	30	35	40	50
Number of companies visiting the institution for placements [Based on the average number of candidates hired, the institution should enter into tie-ups with required number of companies for achieving desired number of placements]	5	10	15	20	25	30	35
% of students opting for entrepreneurship/startups [At least 10% of the total enrolled to pursue start-up ventures/entrepreneurship]	2	3	4	6	8	9	10
Number of students placed abroad	0	0	0	0	0	1	1

Please list 5 measures/initiatives to be taken to achieve the above targets	
1.	training will be increased
2.	More interaction with industries
3.	aptitude Test conducted
4.	More MOCk interviews conducted
5.	More Communication improvement program conducted

↘ 4. Academic staff [Target: 100% of the Academic Staff to have at least 80 hours (or 10 days) of training per year]

Particulars	Current Status 2017-18	2018-19	Intermediate Target 2019-20	2020-21	2021-22	2022-23	Final Target 2023-24
% of teachers with Masters' Degree and above.	35	39	45	50	55	60	70
% of teachers with industry experience.	16	18	20	22	22	25	30
No of hours of training provided per faculty per year	36	36	48	48	72	72	72
% of academic staff having secured at least 80 hours of training during the year.	20	30	45	50	60	80	100
% of academic staff who have undergone at least 1 external certification training during the past 1 year.	0	10	15	20	20	20	20

Please list 5 measures/initiatives to be taken to achieve the above targets.	1. sponsorship will be provided for higher education
	2. sponsorship will be of provided for training
	3. sponsorship will be of provided for cerification
	4. priority will be given during recruitment to industry person
	5. sponsorship will be of provided for workshops

↘ 5. Industry Interaction [Target: 100% of all trainees enrolled under Diploma/*Pharmacy* and Advanced Diploma to undergo Industry Internship/Apprenticeship for at least 6 weeks]

Particulars	Current Status 2017-18	2018-19	Intermediate Target 2019-20	2020-21	2021-22	2022-23	Final Target 2023-24
Industry Engagement							
Number of industries with which the institute has working relationship (active MoUs) (Ascertained by no of MoUs to be signed)	19	20	22	24	36	48	60
Number of consulting assignments (including technological development projects)	12	18	18	18	18	24	24

No of students who have got opportunity for inplant training. (The institute should aim to achieve a targetnof 20% Y-o-Y growth)	70	80	100	100	100	100	100
Number of students who have undergone at least six weeks of industry training/apprenticeship [100% of the Diploma /*pharmacy* / Advanced Diploma trainees to participate in Industry Internship/Apprenticeship]	0	0	100	100	100	100	100
Number of guest lectures by industry personnel	50	72	98	136	136	136	136
Average number of hours spent by a faculty member in industry (per year)	35	50	50	50	50	50	50

Please list 5 measures/initiatives to be taken to achieve the above targets	1. stress will be given on more interaction between industry and institute
	2. Specialised equipments per departmentswill be purchased leading to increase in consultancy
	3. policy will be finalised for sending 20% faculty for industrial training per year
	4. from second year students will be send for progressive industrial training till last semester
	5. policy is finalised for calling industry guest lecturers per week

Alternate Revenue Generation

Alternate Revenue Generation (in INR) (The institutes should aim to achieve a target of 20% Y-o-Y growth)	40000	48000	57600	69000	82000	98500	118200
Average alternate revenue generation per faculty (in INR)	500	600	720	860	1000	1200	1500
Alternate revenue generation as a % of Internal Revenue Generation (IRG) (The institutes should aim to targets 20% of IRG through alternate revenue generation by 2023-24)	5	7	10	13	15	17	20

Please list 5 measures/initiatives to be taken to achieve the above targets.	1. stress will be given on more interaction between industry and institute
	2. Specialised equipments per departmentswill be purchased leading to increase in consultancy
	3. facuties will be sent for advanced coursesfaculties will be sent for visiting reseach institutes like BARC
	4. faculties will be sent for ateending advanced courses
	5. faculties will be sent to visit premier academic institutes

6. Social Projects undertaken with NGOs/communities/government bodies

Particulars	Current Status 2017-18	2018-19	Intermediate Target 2019-20	2020-21	2021-22	2022-23	Final Target 2023-24
Number of consultations underataken for need assessment	18	18	18	18	18	18	18
Total number of projects executed per year	8	9	10	10	10	10	10
Average number of hours spent per faculty on Social Project	6	6	6	8	8	8	8
Average number of hours spent per student on Social Project	2	2	2	2	2	2	2

Please list 5 measures/initiatives to be taken to achieve the above targets.

1. facuties are motivated for visiting schools
2. facuties are motivated for visiting NGOs
3. Guidance sessions are arranged for faculties and students for awarness about social responcibilites
4. facuties are going to motivate students regarding their social responsibilities
5. Students are encouraged to take part in various social activies

7. Startup Initiatives at the Institutes :

Particulars	Current Status 2017-18	2018-19	Intermediate Target 2019-20	2020-21	2021-22	2022-23	Final Target 2023-24
Number of projects incubated	12	12	12	12	12	12	12
Number of students whose projects have been incubated.	12	14	14	14	14	14	14
Number of faculties involved in mentoring	12	15	18	18	18	18	18
Number of events organised to provide platform and market access (like Startup India Camp, Mentorship Forums etc.)	2	2	2	2	2	2	2

Please list 5 measures/initiatives to be taken to achieve the above targets.	1.	students are invited inincubation centre to discuss their interests
	2.	depending upon their interest student will be provided proper guidence
	3.	consultation will be provided for such students
	4.	faculties will be provided training for mentoring students
	5.	institute will try to organise various events in entrepreneurship concern

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Sr. No.	Inst ID	Inst Name	Print1	Print2
1	1074	Shri Vithal Education & Research Institute's College of Engineering(Polytechnic)	Print Questionnaire 1	Print Questionnaire 2