BVBs Sardar Patel College of Engineering, Mumbai Audited by PROF. N. C. SHIVAPRAKASH

Special instruction to the institutions:

As the Performance Audit is going to be conducted online (virtually), the institutions are expected to provide PDF copies of document through email to the performance auditors. The list of documents to be shared through email/ google drive as the evidences for the respective parameter is as given below:

Auditors to treat no evidence, in case it is not shared online.

MONITORING AND PROJECT OUTPUT/OUTCOME PARAMENTERS	GRADE
A. Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by Institutions:	
1. Percentage utilization of the funds released by MHRD to the institutions (90%).	2
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2. Percentage of expenditure accounted in the book of accounts against funds utilized (90%).	1
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B. Improvement in Teaching, Learning and Research competence.	
1. Percentage of NBA-accredited programs (UG and PG) or applied for out of eligible programs (at least 70% of eligible programs).	1
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2. Implementation of GATE: Percentage of UG students enrolled for GATE (70%)	1
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3. Implementation of GATE: Percentage of final students provided GATE training(70%)	1
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4. Implementation of GATE: Percentage of UG student acquired GATE valid score (17%)	1
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5. Percentage of PhD students in total enrolment in engineering disciplines in participating institutes	1
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C. Implementation of AICTE mandate	
1. Percentage of newly admitted 1st year students attended three weeks Induction program conducted by mentor faculty of the institute (100%)	2
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2. Percentage of pre-final and final year UG students participated in Industry readiness program in appropriate mode (in person or virtual).	1
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3. Institute has Start-up /innovation cell and the activities (start-up ecosystem, drive for promoting creativity, Hackathon participation etc.) are evident (Y/N)	1
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4. Percentage of UG students undergone internships spanning 4 to 8 weeks in industry (100%) in appropriate mode (in person or virtual).	2
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5. In case of autonomous institutes, presence of industry consultation committee (ICC) and no. of meetings arranged for Curriculum review/ revision (Y/N).	1
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6. Percentage of students who have been imparted training in technical and soft skills required for working in the industry in appropriate mode (in person or virtual).	1
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D. Increasing faculty productivity and motivation	
1. Sanctioned faculty positions are as per AICTE norms (1:20 ratio) in all the programs eligible for accreditation (Y/N).	1
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2. Percentage of sanctioned faculty positions in participating institutes filled by regular or contract faculty (75%).	1
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3. Percentage of faculty that have taken annual refresher delivered through SWAYAM portal (50%).	1
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4. Percentage of faculty trained in either their subject domain, pedagogy, or management capacity building and leadership programs (70%) (ONLINE or OFFLINE).	1
Documents Uploaded	
E. Effectiveness of equity at Institutional level:	
1. Percentage of faculty positions filled in the institute by same category on regular or contract basis (out of sanctioned position for respective category). (a) SC (filled by SC faculty/ sanctioned for SC Faculty): Target 20% : (b) ST (filled by ST faculty/ sanctioned for ST Faculty): Target 20% : (c) Female (filled female faculty/ total filled faculty): Target 30% :	1
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2. Percentage of number of faculty trained in either their subject domain, pedagogy or management, attended conference/ seminar in participating institutes out of available faculty in the respective category. SC (70%) : ST (70%) : Female (70%) :	1

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3. Percentage of students from traditionally disadvantaged groups in total enrolment in the institute. SC (13%) : ST (7%) : Female (30%) :	1
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4. Percentage of number of students transitioned from the first year to the second year (without backlog) in undergraduate programmes out of enrolled students in respective category. SC (50%) : ST (50%) : Female (55%) :	2
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5. Percentage of final year students trained for GATE/Employability skills (ONLINE or OFFLINE) training out of final year students in respective category. SC (70%) : ST (70%) : Female (70%) :	1
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F. Improved system efficiency, as demonstrated through:	
1. Constitution of BoG as per the prescribed format (Y/N).	1
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2. BoG, Department Management Committee or equivalent that meets at least 4 times every calendar (Y/N)	2
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3. Minutes of all the above 4 meetings (in person or virtual) disclosed publically (on website) (Y/N).	2
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4. Status of Autonomy (Academic, Administrative, Financial) o UGC Autonomy (Y/N) o If Autonomous, continuation granted by UGC (Y/N)	1
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5. Institute produces and publish an annual report in the prescribed format in accordance with the requirements set out in the PIP (Y/N).	1
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G. Twinning Activities:	
1. The action plan for twinning activities implemented in last year and & current year planned (Y/N) in appropriate mode (in person or virtual).	1
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2. No. of courses/ classes/workshops conducted by the faculty of Institute under sub component 1.3 for students of 1.1 institute for training and academic development	2

and vice versa (Min 1 per program per year) in appropriate mode (in person or virtual).	
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3. No. of courses delivered by 1.3 institution for students of 1.1 institutions (Min 1 per program per year). (10% syllabus covered) in appropriate mode (in person or virtual).	3
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4. No. of Trainings conducted for faculty/ support staff of 1.1 institute by Institute under sub component 1.3 for training and academic development and vice versa (Min 1 per program per year) in appropriate mode (in person or virtual).	1
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5. No. of Seminars / Techfest, and conferences conducted by Institute under sub component 1.3 for 1.1 institute for students to share research and discuss technological advancements in dynamic industrial and business environment (Min 1 per year) in appropriate mode (in person or virtual).	2
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6. % of faculty perusing collaborative research (10%) OR Collaborative Research Projects where both twinning partners are working together (At least 1).	1
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7. No. of departmental partnership for joint research activities for applied research and technological development (1 per program) in appropriate mode (in person or virtual). Or Exchange and adoption of good academic-administrative practices between the twinning partners in appropriate mode (in person or virtual).	1
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8. Number of Industry partnership for joint R & D, and internships (Min 1 per year).	1
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9. Career Planning Sessions by 1.3 institution for 1.1 institution (2 Sessions) in appropriate mode (in person or virtual).	1
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10. Number of Seminars and learning forums conducted by Institute under sub component 1.3 for 1.1 institute on Governance practices, institutional management, academic and non- academic reforms (Min 1 per year) in appropriate mode (in person or virtual).	1
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11. Number of faculty of 1.1 institute inducted on various bodies (BoG, BoS, Senate etc.) of 1.3 institute for	1

learning on good governance practices and vice versa in appropriate mode (in person or virtual).	
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12. Collaborative social activities, endeavours of social importance and activities of all round development of students and faculty (joint activities under NSS, NCC, other social and rural welfare schemes) in appropriate mode (in person or virtual).	1
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13. Workshop conducted on Outcome Based Education (NBA) by Institute under sub component 1.3 for 1.1 institute in appropriate mode (in person or virtual).	1
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14. Assistance given by the Institute under sub component 1.3 for 1.1 institute in filling-up of SAR for getting accreditation in appropriate mode (in person or virtual). Or Guidance/support on Conduct of induction training; Startup activities i.e. awareness workshops, entrepreneurship fests, organizing competitions etc.; Increase in student graduation rates/transition rates; Increase in GATE qualified graduates; Establishment of Smart classrooms/ promoting MOOCs etc.	1
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Evaluation Grade for 1.3: **(Using the 3-point grading scale and grade descriptors)**	

MONITORING AND PROJECT OUTPUT/OUTCOMEPARAMENTERS	GRADE*	Weightage %	Total Score (Grade x Weightage/ 100)
A. Effectiveness of funds utilized for the teaching, training, learning andresearch equipment,library,computers,etc.byInstitutions	1.50	10	0.15
B. Improvement in Teaching, Learning and Research competence of affiliated institutions.	1.00	10	0.10
C. Implementation of AICTE mandate	1.33	15	0.20
D. Increasing faculty productivity and motivation	1.00	10	0.10
E. Effectiveness of equity at Institutional level	1.20	15	0.18
F. Improved system efficiency	1.40	10	0.14
G. Twinning Activities	1.00	30	0.30
*The grade for each parameter is calculated based on the average of all sub-parameters.	Total Score		1.17

Remarks:
1.. Institute is advised to conduct 4 BoG Meetings per year. 2. Institute should plan and prepare for 6 years NBA for all UG and PG Programs. 3. Institute needs to work long term vision and action plan for better NIRF ranking. 4. The faculty members should be encouraged to obtain funding from external funding agencies for R & D activities.

I PROF. N. C. SHIVAPRAKASH verify that all the information provided is correct to best of my knowledge.

Date Submitted: 23/02/2021