Innovative Practice for A.Y. 2020-21

	Innovative practices		Best practices	
Curricular Aspects	-Scheme and Syllabus have been revised. -New Course Offerings are in pipeline. -Activity points added and summer internship credits are assigned for more participation.	1	Calibration of the syllabus as per RBT levels Addition of PBL, TBL	1
Teaching-Learning & Evaluation	-Inclusion of ICT tools for interactive teaching learning process. -E-resources and techniques used during Pandemic (Online Teaching and evaluation via Zoom, Google Classroom, MS Team) -Blended Learning -Industry practitioners and researchers co-teaching with faculty during the regular sessions. Bring Industry practitioners and researchers to the virtual classroom at regular intervals to augment the teaching learning experience	1 2	SOP Lesson Plan Formative Assessment Resourse book Virtual Machine created to take BE project submission	1 2
Research, Innovations & Extension	Participation in various workshops, webinars and in events like MyGov Activities Consultancy, Industry Training Technology Conference	1 2 3	Participation in events like MRG, IEDC, SIH, MyGov Activities Faculty Participation in FDP's, and certification courses	1

Infrastructure & Learning Resources	Use of G suite account, Zoom licenses,GCR,MS Team ICT Provide pen tablets to faculty for teaching subjects of mathematical nature.(Digital Infrastructure)	1	Use of ERP , Website	1
Student Support & Progression	Professional body activity-ACM, , coding competitions-By the students and for the students	1	Teacher guardian-Student mentoring scheme, Scholarships and Financial Support In-house Internship… Students participation in various co and extra curricular activities	1 2 3
Governance, Leadership & Management	Training program for lab technicians and lab attendants Inculcation of ethical and social responsibilities through Value Education Seminars/Training	1 2	Internal Audits Hod /Dyhod accompanying students to Ind Visits	1 2

Sr. No.	Best Practices	Impact on Process
1	**Project Based Learning**	Use of 5W1H model (**What , why, when where, who and how**) for clarity in implementation of projects with a) **What:** Problem definition and purpose of implementation b) **Where:** Type of application c) **When:** states about the type of problem solving including the instant at which application can be used. d) **Why:** States about the results reported till date and the parameters to be further implemented. e) **How:** states about the methodology of implementation the project. f) **Who:** states about the comparative literature survey reported till date g) Effective development of Mini & minor projects
2	**Activity Based Learning**	a) Programme specific research activity (Domain activity) (b) Professional body activities (c) Remedial assignment and compliance helped to choose right domain
3	**Technology Based Learning**	Technical skills are developing and utilizing the same for project designing and development

4	**Student Portfolio Building**	Students are rectify their progress and can find opportunities for improvement required for placements, higher studies and lifelong learning
5	**Video recording for lecture & practical's**	a) Effective conduct of lecture & practical's will help students to recover their academic loss b) Returning of recorded video lectures to respective faculty members for improving their academic delivery in lectures
6	**Faculty action plan with compliance**	Better improvement in faculty performance

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