Innovative Practice for A.Y. 2019-20

	Innovative practices		Best practices	
Curricular Aspects	Scheme and Syllabus designed with offering of specialization of online courses with additional 24 credits being offered for overall holistic development of students.	1	Calibration of the syllabus as per RBT levels Addition of PBL, TBL	1
Teaching-Learning & Evaluation	Conduct of online TLP, doubt solving session and evaluation assessment during covid-19 situation with use and integration of different online platforms- Microsoft Teams, Zoom & Google Classroom.	1	SOP Lesson Plan Formative Assessment Resourse book	1
Research , Innovations & Extension	Faculty members upgraded technically for value addition by attending webinars, FDPs, certifications and training which will be beneficial in delivering effective TLP to students. SE Poster preparation – to improve technical skills among students, 2W1H Students were motivated for poster making based on the Smart India Hackthon 2020 problem statements TE technical papers- to inculcate research skills among students Students were motivated for technical paper writing based on the work done in mini projects (IoT, Network Security , Blockchain technology)	1 2	Participation in events like MRG, IEDC, SIH Activities Faculty Participation in FDP's, and certification courses Use of 5W1H model (What, why, when where, who and how) for clarity in implementation of projects	1 2
Infrastructure & Learning Resources	Use of Zoom licenses, GCR, MS Team ICT	1	Use of ERP, Website	1

Student Support & Progression	Students from department of IT are conducting knowledge exchange on Machine Learning and GithHub under Google ML Explore Program. In this, community of students work in close knit by taking out time from their academics and exchanging knowledge on latest offerings in Artificial Intelligence. The students who participated in this peer-learning activity were only curious to know when such activities will be conducted next	1	In-house Internship… this initiative was taken in the A.Y. 2016-17	1
			Professional body activity-ACM, workshops & seminars – By and for students	2
			Teacher guardian-Student mentoring scheme, Scholarships and Financial Support	3
Governance, Leadership & Management	Three International Alumni as external examiner for BE (Project) Evaluation	1	Internal Audits, Hod /Dy Hod accompanying students to Ind Visits	1

Sr. No.	Teaching learning & Assessment methods	Mode of conduct
1	Online Google classroom	Google classroom is created for teaching-learning of students. Various subject material is uploaded on GCR.
2	Expert session	In various subjects, expert from industry has been called online to give industry relevant input to the students.
3	Multiple choice questions	Google form for MCQ quiz is created and link is shared with students in a class where students have to solve it with certain time limit.
4	Subjective question	Subjective questions are given to students to solved based on topics covered in class
5	Open book test	Students have to solve the questions where they have a scope to refer the study material.
6	Surprise Test	Surprise test is conducted without prior intimation to students where students have to solve questions based on topics covered in class.
7	Google quiz	On Googleclassroom[GCR], quizzes are conducted with MCQ's where questions and answers can be shuffled
8	Google classroom assignments	On Google classroom [GCR], assignments are created and given to students to submit same in digital format.
9	Flipped classroom	Topics and related study material is given to students before lecture and then discuss according to their understanding about the topic in lecture

10	Quiziz	For conducting quiz in game play mode
11	Mentimeter	Collects polls, data and opinion from students using smart devices

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