

## CRITERION I – CURRICULAR ASPECTS

<b>1.1 Curriculum Design and Development</b>			
<b>1.1.1 Programmes for which syllabus revision was carried out during the Academic year</b>			
<b>Name of Programme</b>		<b>Programme Code</b>	<b>Dates of revision</b>
B.Tech CSE			19.04.2019
B.Tech CSE Specialization in Data Science and Machine Learning			19.04.2019
B.Tech CSE Specialization in Digital Transformation Engineering			19.04.2019
BBA Operations Management			05.07. 2019
BBA Finance & Accounts			05.07. 2019
BBA Healthcare Management			05.07. 2019
BBA Entrepreneurship & Family Business			05.07. 2019
B.Sc (H) Mathematics			22.07.2019
M.Sc Mathematics			22.07.2019
<b>1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year</b>			
<b>Programme with Code</b>	<b>Date of Introduction</b>	<b>Course with Code</b>	<b>Date of Introduction</b>
<b>1.2 Academic Flexibility</b>			
<b>1.2.1 New programmes/courses introduced during the Academic year</b>			
<b>Programme/Course</b>		<b>Date of introduction</b>	
B.Tech Mechanical Engineering( Specialization in Smart Manufacturing & Automation)		26.03.2019	
Masters in Law LLM (One year)		28.09.2018	
Masters in Law LLM (One year)		28.09.2018	
Ph. D. in Law		28.09.2018	

UG program		28.09.2018			
B.Ed. Special Education in learning Disability					
<b>1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.</b>					
<b>Name of Programmes adopting CBCS</b>	<b>UG</b>	<b>PG</b>	<b>Date of implementation of CBCS / Elective Course System</b>	<b>UG</b>	<b>PG</b>
Faculty of Education and Humanities	UG(B.Ed,B.A.B.Ed/B.Sc.B.Ed Integrated <ul style="list-style-type: none"> <li>• Foreign Languages</li> <li>• Commercial Laws</li> <li>• General Laws For Educators</li> <li>• Basics of Economics.</li> <li>• Introduction to Finance</li> <li>• ICT</li> </ul>	-----		<b>July,2018</b>	----- ---
Faculty of Management and Commerce	<b>FIFTH SEMESTER</b> <ul style="list-style-type: none"> <li>• Law of Consumer Protection and Competition</li> <li>• Company Law &amp; Corporate Governance</li> <li>• Alternative Dispute Resolution and Legal Aid</li> <li>• Management Of Non-Profit Organizations</li> <li>• Public Finance</li> <li>• International Finance</li> <li>• Sales &amp; Distribution Management</li> <li>• Rural Marketing</li> <li>• Integrated Marketing Communication</li> </ul>	_____		<b>July,2018</b>	_____

	<ul style="list-style-type: none"> <li>• Industrial Relations &amp; Labor Laws</li> <li>• Strategic Human Resource Management</li> <li>• Managing Interpersonal And Group Processes</li> <li>• Ethical Sciences &amp; Life Skills</li> <li>• Energy Sustainability &amp; Clean Energy</li> <li>• Social Entrepreneurship &amp; Economy</li> </ul> <p><b>SIXTH SEMESTER</b></p> <ul style="list-style-type: none"> <li>• International Law &amp; World Politics</li> <li>• Human Rights Law &amp; Practices</li> <li>• Law Relating to Bankruptcy &amp; Insolvency</li> <li>• Management Game Derivatives &amp; Risk Management</li> <li>• Advanced Accounting</li> <li>• . Financial Engineering</li> <li>• Advertising &amp; Sales Promotion</li> <li>• Consumer Behavior &amp; Market Trends</li> <li>• Retail &amp; Brand Management</li> <li>• Organizational Change And Development</li> <li>• Compensation &amp; Reward Management</li> <li>• Cross-Cultural Management</li> <li>• Philosophy Of Science &amp; Spirituality</li> <li>• Indian Culture &amp; Heritage: Lessons For Corporate</li> </ul> <p>World Peace &amp; Conflict Resolution</p> <ul style="list-style-type: none"> <li>• Law of Consumer Protection and</li> </ul>				
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	<p>Competition</p> <ul style="list-style-type: none"> <li>• Company Law &amp; Corporate Governance</li> <li>• Alternative Dispute Resolution and Legal Aid</li> <li>•</li> </ul>				
Law	Nil	Nil	Nil	Nil	Nil
Physics	<p><b>B.Sc</b></p> <p>Renewal Energy - Sem-5</p> <p>Atmospheric Physics-1, -- Sem-5</p> <p>Condensed Matter Physics I- Sem-5</p> <p>Renewal Energy - Sem-6</p> <p>Renewal Energy-11 - Sem-6</p> <p>Atmospheric Physics-11, -- Sem-6</p>	<b>M.Sc</b>	<p>Sem-3</p> <p>Fundamentals of Atmospheric Physics</p> <p>Fabrication and Characterization Techniques</p> <p>Sem-4</p> <p>SAdvanced Atmospheric Physics</p> <p>Condensed Matter II</p>		
<b>Chemistry</b>	B.Sc		<b>M.Sc</b>	Organomettal ic chemistry and bioinorganic chemistry	
	Physhology				
	Sociology				
	Economics				
	German				
	France				
	Spanish				
Food Chemistry and Technology	Group Theory & its applications				

	Clinical Chemistry				
	Polymer Chemistry				
	e-waste management				
	Industrial Chemical and Environment				
<b>Maths</b>	UG APPLIED PHILOSOPHY				
	APPLIED PSYCHOLOGY				
	APPLIED SOCIOLOGY				
	BASICS OF ECONOMICS				
	INTRODUCTION TO FINANCE				
	LaTeX				
	FRENCH - I				
	SPANISH - I				
	GERMAN -I				
	MECHANICS-I				
	MECHANICS - I LAB				
	INTEGRAL TRANSFORMS & APPLICATION				
	INTEGRAL TRANSFORMS & APPLICATION LAB				
	DISCRETE MATHEMATICS				
	DISCRETE MATHEMATICS LAB				
<b>CSE</b>					
<b>ME</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>ECE</b>	<b>UG(B.Tech) Departmental</b> <ul style="list-style-type: none"> <li>• Wireless Communication</li> <li>• Microwave Engineering</li> <li>• Digital Image Processing and Computer Vision</li> <li>• CMOS VLSI Design</li> <li>• Data Communication</li> <li>• Speech Processing and recognition.</li> </ul>				

	<ul style="list-style-type: none"> <li>• Security in Mobiles and Wireless System.</li> <li>• Wireless Sensor Network.</li> <li>• ASIC and FPGA.</li> <li>• RF System Design</li> <li>• MEMS</li> <li>• Radar and Navigational Aids.</li> <li>• Fibre Optic Communication.</li> <li>• Modern Digital Communication Techniques.</li> </ul> <p><b>Open Electives</b></p> <ul style="list-style-type: none"> <li>• Wavelets And Multi Rate System</li> <li>• PLC And Its Applications</li> </ul>				
<b>Already adopted (mention the year)</b>					
<b>1.3 Curriculum Enrichment</b>					
<b>1.3.1 Value-added courses imparting transferable and life skills offered during the year</b>					
<b>Value added courses</b>	<b>Date of introduction</b>	<b>Number of students enrolled</b>			
<b>1.3.2 Field Projects / Internships under taken during the year</b>					
<b>Project/Programme Title</b>		<b>No. of students enrolled for Field Projects / Internships</b>			
<b>Management BBA</b>					
Amazon (DEL 5) Manesar		4			
Lifelong Group of Companies, Manesar		5			
Shiprocket (Bigfoot retail solutions, Gurgaon)		4			

Keeroes Foods, Pvt Ltd, Gurgaon	7			
IEMS Global Services, Udyog Vihar, Gurgaon	1			
Visit Health pvt ltd, Okhla Phase III	3			
Larsen & Toubro	1			
Decathlon	1			
Coca Cola India pvt ltd	1			
Escorts Badhkal road, Faridabad	1			
Escorts Knowledge centre Faridabad	1			
<b>And many more list attached</b>				
<b>CST</b>				
There are 59 students went on 6 months internships in the academic year list attached.				
<b>1.4 Feedback System</b>				
<b>1.4.1 Whether structured feedback received from all the stakeholders.</b>				
<b>1) Students</b>	<b>2) Teachers</b>	<b>3) Employe rs</b>	<b>4) Alumni</b>	<b>5) Parents</b>
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)</b>				
<p>To ensure the quality and effectiveness in the functioning of every aspect of Manav Rachna University, be it the individual program Educational Objectives, Course-Objectives, Learning Outcomes, Teaching–Learning Process, Evaluation System, University Administration and Management, it supports a very robust and reliable feedback system at each ladder of the hierarchy.</p> <p>The university conducts feedback at two levels: 1.Formative feedback and 2.Summative- feedback.</p> <p>The Formative feedback is taken immediately after every term exams (T-1 and T-2) ,which are conducted after approximately one month and one and a half month</p>				

respectively after the starting of the semester. It provides an insight to the teachers into their teaching skills as well as the efficacy of respective course-content. It, then, paves the way for better and more effective teaching by the teachers and better academic environment for the students.

The Summative feedback is taken at the end of the Semester-end (1-2 weeks prior). The purpose of the summative feedback is to check whether the set parameters like course- objectives, Learning outcomes etc. for the respective courses are met or not. Any discrepancy in this regard is very well taken care of, then.

**Feedback Team:** To make the implementation of the system smooth and error-free various competent feedback, teams of capable and experienced professors from different University Departments have been constituted. These teams function systematically at three different levels:

- **Feedback Faculty In-Charge:** This team further constitutes the teams and allocates the task to them. Prepare the feedback- schedule and checks the received feedback report and sends it to the respective Deans and HODs.
- **Feedback Conduct Team:** The member of the feedback conduct team will be available in the computer lab which is allocated for the particular group or section of the students at a particular time and ensure and see to it that the students complete their feedback properly.
- **Analysis team:** Analysis team will do the analysis of the feedback data which is received from the students and prepare a report as per the guidelines on the % form and send it to the Faculty In-Charge.
- The feedback on the different academic programs is then analyzed and reported to the students and stakeholders by the Dean- Academics, Registrar and all HODs.
- A reliable set of questionnaires are devised and administered to students for getting both the Formative and summative feedback from them. (The copies of the same have been attached in the annexure.)
- Finally the confidentially reported feedback from the students and other stakeholders is shared and discussed with the faculty members and further plan of action with regard to the improved classroom interactions and changed course-content of different courses of different programs is devised. And the students and the stakeholders are, then, informed and assured of the positive changes.
- The feedback system will be subjected to periodic review with the purpose of continually improving the system. At the time of review, changes in the requirements



of the regulatory bodies will be studied and incorporated suitably in the system.

- On the whole a very transparent and well-planned is one of the major strength of Manav Rachna University.