



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

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### Department of ...Information Technology.....

### Consolidated report on feedback and action taken on syllabus/curriculum for the academic year.....2021-22.....

Stakeholder	Suggestions	Action Taken (Highlighted with Blue Color in Annexure)
Students	<ol style="list-style-type: none"><li>1. Suggested to include more interactive sessions in Analytics Lab.</li><li>2. Suggested to explore real-time applications, and problematic examples in Machine Learning.</li><li>3. Suggested to introduce the advanced technologies in Artificial Intelligence.</li></ol>	<ol style="list-style-type: none"><li>1. As per the feedback, we incorporated changes in Data Science Applications lab in R-19 (Annexure-I, Pg.No.40).</li><li>2. As suggested, organized the syllabus of Machine Learning in R-19, R-20 (Annexure-II, Pg.No.45).</li><li>3. Changes were incorporated by reorganizing the AI syllabus in R-19, R-20 (Annexure-II, Pg.No. 27 &amp; 28).</li></ol>
Faculty	<ol style="list-style-type: none"><li>1. Organization of the syllabus is required in Software Project Management.</li><li>2. Suggested to remove Unit-5 in Artificial Intelligence subject as it requires strong knowledge of Computer Graphics subject.</li><li>3. Suggested to realign Unit-1 in Artificial Intelligence.</li><li>4. Suggested to introduce advanced topics and organization of the syllabus in Machine Learning.</li><li>5. Suggested real-time exposure in Data Analytics may benefit the students to gain more knowledge.</li></ol>	<ol style="list-style-type: none"><li>1. As suggested, reorganized the syllabus in R-19, R-20 (Annexure-I, Pg.No. 33).</li><li>2. Changes were incorporated by replacing Robotics concept with Introduction to Neural Networks in R-19, R-20 (Annexure-II, Pg.No. 27 &amp; 28).</li><li>3. Unit-1 is realigned in AI (Annexure-II, Pg.No. 27 &amp; 28).</li><li>4. As suggested, introduced the concepts of Features, Ensembling Techniques, and Various Classifier Models in Machine Learning in R-19, R-20 (Annexure-II, Pg.No.45).</li><li>5. As per suggestion, we incorporated changes in Foundation on Data Science</li></ol>

		lab in R-19, R-20 (Annexure-I, Pg.No.39).
<b>Alumni</b>	1. Knowledge of dynamic coding is required from B. Tech II <sup>nd</sup> year onwards.	1. Suggestions by the alumni were considered, introduced Hacker rank and GDB compilers for Data Structures Lab in R-20.
<b>Employers</b>	<p>1. Students can create a GitHub account and have their written code there so that it would help interviewers to understand the student's interest and coding skills.</p> <p>2. Suggested to include advanced topics like R, Python in curriculum, as it is an on-demand course.</p> <p>3. New topics like AWS/AZURE needed to be incorporated in the curriculum to make the students industry ready.</p>	<p>1.1 GitHub Essentials subject was introduced as a Generalized Minor in R-20.</p> <p>1.2 GitHub Introduction was given in DevOps Lab (Elective) (Annexure-II Pg. No. 81)</p> <p>2. As suggested, we have Advanced Python, Deep Learning, Data Science, Elective Labs in our curriculum in II<sup>nd</sup> year I<sup>st</sup>, II<sup>nd</sup> semesters in R-19, R-20.</p> <p>3. Incorporated the new topic as a case study in Cloud Computing in R-19, R-20 (Annexure-I Pg. No. 20).</p>

  
Head of the department