**AMRITA VISHWA VIDYAPEETHAM AMRITA SCHOOL OF ENGINEERING, COIMBATORE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Academic year: 2020 - 2021, 5th Semester, B.Tech CSE**

**19CSE305 MACHINE LEARNING L-T-P-C: 3-0-3-4**

**Project Plan**

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| **WeekNo** | **Term Project** |
| **Week 1** | * Group Formation. * Project Allocation. * Handing over the abstract. |
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| **Week 2** | Understanding the abstract and revising the problem statement.  (The project group can revise the abstract)  **Submission of revised problem statement and abstract**. |
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| **Week 3 -4** | Identification of related works and datasets.  **Submit a write up on related works and datasets identified**. |
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| **Week 5-6** | Exploratory Data analysis and feature engineering |
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| **Week 7** | **REVIEW 1**  Term Project Review – **for weightage of 10 Marks**  Group Presentation – (Problem definition, motivation, related works, datset identified, Exploratory Data analysis and feature engineering) |
| **Week 8 -9** | Model Selection |
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| **Week 10-12** | Implementation, Parameter Tuning, Analysis . |
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| **Week 13** | **REVIEW 2**  **Final Review for Term Project**  Term Project Review – **for weightage of 20 Marks**  (Group Presentation – Presenting & demonstrating the project.)  (Can be conducted just before the last working day) |
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|  | **Final Demonstration.** |