 **BATCH.NO-114**

**DEPARTMENT OF COMPUTER SCIENCE& ENGINEERING**

**SCHOOL OF COMPUTING**

**ABSTRACT SUBMISSION FORM**

**10214CS602 –MINORPROJECT II**

**ACADEMIC YEAR: 2023-2024 SEMESTER: WINTER**

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| Name of the Student1 :CHAKALI VIJAYMANIVTU No. / Reg. No.:VTU19315/21UECM0041Name of the Student2 :M.ManojBabuVTU No. / Reg. No.:VTU19600/21UECM0149Name of the Student3 :R.Gautam **VTU No. / Reg.** **No.:VTU19484/21UECM0198** |
| Title of the Project: AI AUDITOR:CRAFTING YOUR PREFECT PLAYLIST WITH MACHINE LEARNING |
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| **PROJECT SUPERVISOR: MRS Thylasri** |
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| aBSTRACT |
| A music genre is a conventional category that identifies some pieces of music as belonging to a shared tradition or set ofconventions. It is to be distinguished from musical form and musical style. Music can be divided into different genres in manyDifferent ways. The popular music genres are Pop, Hip-Hop, Rock, Jazz, Blues, Country and Metal. Categorizing music filesAccording to their genre is a challenging task in the area of music information retrieval (MIR). Automatic music genreClassification is important to obtain music from a large collection. It finds applications in the real world in various fields likeAutomatic tagging of unknown piece of music (useful for apps like Saavn, Wynk etc.). Companies nowadays use musicClassification, either to be able to place recommendations to their customers or simply as a product. Determining music genres isThe first step in the process of music recommendation. Most of the current music genre Classification techniques use machinelearning techniques. The same principles are applied in Music Analysis also. Machine Learning techniques have proved to be quite successful in extracting trends and patterns from the large pool of data. |

**STUDENT PROJECT SUPERVISOR PROJECT CO-ORDINATOR**