



**Department of Chemistry**  
**Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)**  
**(A Central University Established by Central Universities Act**  
**2009 No. 25 of 2009)**

**CERTIFICATE**

This is to certify that **Sameera Kheti** has carried out this project under my supervision in the Department of Chemistry, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) on the topic "**Synthesis of Tri-Aryl Pyridine Derivatives Using Task-Specific Acidic Ionic Liquid**".

He has worked diligently, methodically and also collected the literature very sincerely and carefully. During this project work he has learnt about various organic syntheses related to the entitled topic.

To the best of our knowledge the work presented in this project is original and has not been submitted anywhere. I recommend the project report to be forwarded to the respective examiners for evaluation.

I wish every success in his career and life.

*Sameera Kheti*  
*13.09.22*

**SUBMITTED BY**

**Sameera Kheti**

M.Sc. Chemistry

Roll No. 20410040

Enroll No. GGV/20/07212

*Dr. Subhash Banerjee*  
*13/09/22*

**SUPERVISE BY**

**Dr. Subhash Banerjee**

Assistant Professor

Department of Chemistry

GGV Bilaspur (C.G.)