A TRAINING ON GEOLOGICAL MAPPING AND METHOD OF URANIUM EXPLORATION IN AND AROUND PURNAPANI-TAMAJHURI-CHIRUDIH-PATHARGODA AREA, SHINGHBHUM SHEAR ZONE, EAST SINGHBHUM DISTRICT, JHARKHAND

DISSERTATION SUBMITTED AS PARTIAL FULFILLMENT OF MASTER OF TECHNOLOGY FINAL YEAR 2019-20



Under the Guidance of Prof. R. K. Rawat

Submitted by Vijay Pratap Singh Reg. No.:- Y17251032



DEPARTMENT OF APPLIED GEOLOGY
DR. HARISINGH GOUR VISHWAVIDYALAYA
SAGAR 470003 (M.P.)





भारत सरकार Government of India परमाणु ऊर्जा विभाग Departmentof Atomic Energy परमाणु खनिज अन्वेषण एवं अनुसंधान निदेशालय Atomic Minerals Directorate for Exploration and Research पूर्वी क्षेत्र Eastern Region

प्रमाण-पत्र Certificate

प्रमाणित किया जाता है ______शी विजय प्रताप सिंह, डॉ. हरीसिंह गौर विश्वविद्यालय, सागर मे भूवैज्ञानिक मानचित्रण एवं यूरेनियम अन्वेषण पद्धति विषय पर ्विनांक 15 दिसम्बर 2019 से 04 जनवरी 2020 तक पूर्णापानी-चीरूडीह-तामाझुरी-पाथरगोड़ा क्षेत्र, सिंहभूम शियर जोन, झारखंड में विस्तृत लिथोस्ट्रक्चरल मानचित्रण और रेडियोमितिक सर्वेक्षण में इंटर्नशिप सफलतापूर्वक पूर्ण किया।

This is to certify that Shri Vijay Pratap Singh of

Dr. H. S. Gour University, Sagar has successfully completed internship on Geological Mapping and Methods of Uranium Exploration from 15th December 2019 to 04th January 2020 in Detailed lithostructural mapping and radiometric survey in parts of Purnapani-Chirudih-Tamajhuri-Pathargoda area, Singhbhum Shear Zone, Jharkhand.

स्थान Place: जमशेदपुर

दिनांक Date: 04 जनवरी 2020

अनिर्वान शाह? क्षेत्रीय निदेशक

Regional Director

व्यावहारिकभृविज्ञान विभाग DEPARTMENT OF APPLIED GEOLOGY डॉ॰ हरिसिंह गौर विश्वविद्यालय <u>सागर</u>, Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P) केन्द्रीय विश्वविद्यालय (रा.मू.प्र.प.,"अ" श्रेणी प्राप्त, तृतीय चक्र) A Central University (NAAC Gr."A" 3rd cycle)



Date 15 June 2020

Departmental Certificate

This is to certify that Mr. Vijay Pratap Singh, a student of M. Tech. 6th semester has undergone 21 days Field Training on Geological Mapping and Method of Uranium Exploration at Atomic Mineral Directorate Eastern Region, East Singhbhum District Jamshedpur, Jharkhand from 15 December 2019 to 4 January 2020. This Field report comprises an actual work done by the student in the field during their training.

(Head of the Department)

Department of Application

Or. Hariei-

Dr. Harisingh Gour Vishwavidyalaya

Sagar, M.P., India

Prof. R. K. Rawat