

**GURU JAMBHESHWAR UNIVERSITY OF
SCIENCE & TECHNOLOGY HISAR**



PROVISIONAL DEGREE CERTIFICATE

Doctorate of Philosophy

*This is to certify that the Research Degree Committee in its meeting held on 18-02-2019 has recommended to award the degree of 'Doctorate of Philosophy' to **MR. DEVENDER** son of **SH. RAMNIWAS SHARMA** on the Topic : **MICROBIAL DIVERSITY AND BIOMINERALIZATION POTENTIAL OF BACTERIAL COMMUNITIES FROM SPELEOTHEMS IN GARO AND KHASI HILLS, MEGHALAYA, INIDA in ENVIRONMENTAL SCIENCE AND ENGINEERING** under the faculty of **ENVIRONMENTAL AND BIOSCIENCES & TECHNOLOGY**.*

Ravi
DEPUTY REGISTRAR

Deenbandhu Chhotu Ram University of Science & Technology Murthal (Sonapat), Haryana

(Established Under Haryana Legislature Act No. 29 of 2006 and Recognized Under 12(B) of UGC Act,1956)

Doctor of Philosophy

This is to certify that **LAKSHMI HOODA**son/daughter of

smt..... **SANTOSH HOODA**(mother)

and shri..... **DILBAG SINGH HOODA**(father)

registered in **DEPARTMENT OF ENERGY AND ENVIRONMENT STUDIES**

is hereby awarded the degree of **Doctor of Philosophy**.

Title of thesis

Biodegradation of 2,4,6- Trinitrotoluene (TNT) By Selected Native Microflora and Tagetes patula

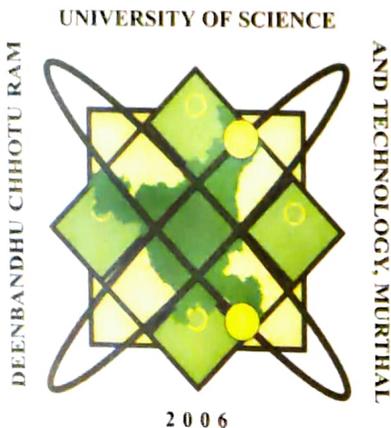
Date of notification.. **02.03.2017**

Given under the seal of the University

MS Chauhan
Controller of Examination

KPS
Registrar

Murthal (Sonapat)



T. Kumar
Vice-Chancellor

B. B. B.
Chancellor

Dated : **March 08, 2017**

D003870

जवाहरलाल नेहरू विश्वविद्यालय

नई दिल्ली



विद्या परिषद् की संस्तुति पर

सौरभ सोनवानी

को

विद्या वाचस्पति

की उपाधि प्रदान करता है जिन्होंने संबंधित अध्यादेश के अन्तर्गत निर्धारित अपेक्षाओं को वर्ष 2019 में सफलतापूर्वक पूरा किया है।

शोध-प्रबंध का शीर्षक: "कार्बोनैसियस ऐरोसॉल वेट स्केवेंजिंग एंड सोर्सज इयूरिंग मानसून एंड नॉन-मानसून सीज़न्स इन दिल्ली रीज़न "

यह उपाधि विश्वविद्यालय की मुहर से नई दिल्ली, भारत गणराज्य में प्रदान की गई।

Jawaharlal Nehru University

New Delhi

Upon the recommendation of the Academic Council

hereby confers the Degree of

Doctor of Philosophy

On **Saurabh Sonwani**

who has successfully completed in the year 2019 the requirements prescribed under the Ordinance for the award of this Degree.

Title of Thesis: "CARBONACEOUS AEROSOL WET SCAVENGING AND SOURCES DURING MONSOON AND NON-MONSOON SEASONS IN DELHI REGION"

Given this day under the seal of the University at New Delhi in the Republic of India

दिनांक/The 3-6-2019



Ramod

कुलसचिव/Registrar

Jagadeesh Kumar

कुलपति/Vice-Chancellor