SIDO-KANHU MURMU UNIVERSITY, DUMKA



By the order of the Vice-chancellor the under mentioned candidate is declared to have passed the Doctor of philosophy examination in mathematics in the faculty of science held in the month of October 2012.

Name of the scholar

: RAM KRISHNA KUMAR

Ph.D. Registration No.

426/2009

Date of Ph.D. Registration

09.07.2009

University Registration No.

318/2011

Subject of the thesis

"Motion and stability of interconnected satellites

system in elliptic orbit of the centre of mass"

Supervisor

Dr. N. K SINGH

Reader

P.G. Department of Mathematics

5.K.M. University, Dumka-814101

Thesis submitted on

25.07.2011

Viva-Voce held on

13.10.2012

Degree awarded on

10.11.12

Controller of examinations

S.K.M. University, Dumka

Memo No: S.K.M.U/ \$22-57 431

Dated: 27/11/002

Copy forwarded to

- 1. Dr. D.P.Sharma (professor & chief coordinator, department of mathematics) Nalanda open university,
- 2. Dr. R.R.Bhargava.(professor, department of mathematics) IIT Roorkee 247667.
- 3. Dr. Navin Kumar Singh (reader P.G. Department of mathematics) S.K.M.University, Dumka-814101
- 4. Dr. Ram Krishna Kumar (vill. + post- Kuboull Ram, Distt. Samastipur-848131, Bihar)
- 5. Dean Faculty of Science, S.K.M. University, Dumka.
- 6. Head P.G.Department of Mathematics, S.K.M.University, Dumka
- 7. Secretary, U.G.C, Bahadur Shah Zafar Marg, New Delhi-110002
- 8. Secretary, A.I.U, 16 Kotla Marg, New Delhi.- 110002
- 9. Secretary ,H.R.D.D, Govt. of Jharkhand, Ranchi.
- 10. Registrar, all Universities of Jharkhand State.
- 11. All statutory and non-statutory officers, S.K.M. University, Dumka.
- 12. P.A. to V.C./Pro-V.C., S.K.M. University, Dumka.

13. Guard File.

(Md. Helal-Ul-Hassan)

In-charge, Research Section \$.K.M. University, Dumka

Controller of Examinations S.K.M. University, Dumka

No. 00537



द्वी भागतपुर विश्वविद्या

यामा नानो प्रमाणित क्रिया व्याता 🖁 क्रि 💳 जिन्होंने सन् २२०१ ष्टर् के *171-* मास में आवोजित पानविकी/सामाजिक विद्राम/ विद्यान/वाणिक्य-संकृत्य 'अगरिग'ङ अर्' विभाग के अंतर्गत घाँक्टर आँक फिलाँसफी की परीक्षा BY SUPERS VANEED में उत्तीर्वता प्राप्त की, आब डॉवटर ऑफ फिलॉसफी की उपाधि के लिए अदिकृत किया गया ।

TILKA MANJHI BHAGALPUR UNIVERSITY

passed the Doctor of Philosophy from the Department of LUMBARCHIER under the faculty of Himanities/Social Science/Science/Commerce of the year 2016 beld in the month of Mach..... 2016 and was this day admitted to the degree of Doctor of Philosophy.



शिक्षका महिंदी धामालपुर विश्वविद्यात्रध्य, भागासपुर Tilka Manjhi Bhagalpur University, Bhagalpur

वीक्षामा मगारोह - दिनांका :

Date of Convocation : 17 Ho 7819

Mater - favore Outs of Issue

Vice Chancellor

S.NO.: 9371

लिस्बनङ विद्वविद्यालय



श्रमः

लज्जा

ने

इस विश्वविद्यालय के कला संकाय में **डॉक्टर ऑव फिलॉसफी** की उपाधि हेतु मैथमेटिक्स विषय में निर्धारित शोध—कार्य पूर्ण करने के उपरान्त पर्याप्त योग्यता का शोध—प्रबन्ध प्रस्तुत किया जो ज्ञान के क्षेत्र में एक मौलिक देन है।

अाँव फिलॉसफी की उपाधि सन् 2011 में प्रदान की गई।

University of Lucknow

completed at the University a prescribed course of research for the Degree of DOCTOR OF PHILOSOPHY in MATHEMATICS in the Faculty of Arts and has presented a thesis of sufficient merit as an original contribution to knowledge.

is to certify that he/she has been duly admitted to the Degree of DOCTOR OF PHILOSOPHY of this University in the year 2011.

Title of the thesis: "Certain Aspects of Nonlinear Waves."

HERMA (HERM) Eurokusser (HERM) Emilia Dated: 25 February 201



जुलपति Vice Chancellor पर नयस्यर २०व