RANCHI UNIVERSITY, RANCHI



By order of the Vice-Chancellor, Ranchi University, Ranchi, the under mentioned candidate is declared to have passed the Doctor of Philosophy (Faculty of Science) examination in Physics held in the month of April, 2018:

Name of the Candidate	Topic of the Thesis
	"Optimization of Design Parameters of high efficiency Holographic Solar concentrators for photo voltaic Power Generation"

Sd/-Controller of Examinations, Ranchi University, Ranchi.

Memo No. Ex/ 459-68.

Date: ...b.\.9.\.1.8.....

Copy forwarded to:

1. The candidate concerned,

2. The Supervisor -

(i.) Dr. N. R. Chakraborty, Department of Physics, Co-operative College, Jamshedpur,

(ii.) Dr. H. L. Yadav, NIT, Jamshedpur,

- 3. The Dean, Faculty of Science, Ranchi University, Ranchi,
- 4. The Head, University Department of Physics, Ranchi University, Ranchi.

5. The External examiners concerned,

- The Registrars of all Universities in Jharkhand,
- 7. The Asstt.-in-charge, Degree Section, Ranchi University, Ranchi,

8. The Librarian, National Library, Kolkata,

9. The Director of National Archives, New Delhi for information,

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Controller of Examinations,

Ranchi University, Ranchi