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Ref. No. VBU/ Ex-D/4493/2003

Date 12.6.2003

ORIGINAL DEGREE NO. E-000871
BACHELOR OF SCIENCE ENGINEERING

This is to certify that Manoj Kumar

of Bihar Institute of Technology, Sindri who passed the Bachelor of Science Engineering Metallurgical Branch Examination 1999 of this University, held in the month of March + April, 1999 in First Class ~~with Distinction~~ was admitted to this Degree.

12/6/2003

(Dr. R.B. Singh)
Controller of Examinations
Vinoba Bhave University,
Hazaribag, Jharkhand, India

Controller of Examinations
VINOBA BHAVE University
HAZARIBAG

12/6/03

E- № 000871

विनोबा भावे विश्वविद्यालय

बैचलर ऑफ साइन्स इंजीनियरिंग

प्रमाणित किया जाता है कि मनोज कुमार छात्र/~~छात्रा~~ बिहार इंस्टिट्यूट ऑफ टेकनोलॉजी, सिन्दरी ने इस विश्वविद्यालय द्वारा मार्च+अप्रैल 1999 में आयोजित 1999 की परीक्षा में बैचलर ऑफ साइन्स इंजीनियरिंग (मेटालर्जिकल) की उपाधि प्रथम श्रेणी में प्राप्त की।

विनोबा भावे विश्वविद्यालय
हजारीबाग
तिथि 12 JUN 2003

कुलपति

VINOBA BHAVE UNIVERSITY, HAZARIBAG

No. 98/ 0110

VINOBA BHAVE UNIVERSITY

(EXAMINATION DEPARTMENT)

Hazaribag, Date 1 JUN 1999 199...

The following are the marks obtained by Manoj Kumar Sinha Roll No. 11 Met Registration No. E-1104 of 1996

at the Annual/Special B. Sc. Engineering (Metallurgical) Fourth Year (Four Year Course) Examination of 1999 held in the month of Mar & Apr. 1999

Subjects	THEORY PAPERS											SESSIONAL WORKS												
	Steel Making	Heat Treatment of Metals & Alloys	Physics of Metals	Foundry Technology	Engg. Economics & Management	Computer & its Application in Metallurgical Engg.	Metal Forming Technology	Elective I	Elective II	Elective III	TOTAL	Project & Thesis	Physics of Metal Lab.	Computer Lab.	Extractive Metallurgy Lab. II	Tour & Training	Foundry Lab.	Heat Treatment Lab.	TOTAL	Aggregate of 4th year	Aggregate of 3rd year	50% of Aggregate of 2nd year	50% of Aggregate of 1st year	GRAND TOTAL
Full Marks	100	100	100	100	100	100	100	100	100	100	800	100	50	50	50	50	50	50	400	1200	1200	600	600	3600
Pass Marks	35	35	35	35	35	35	35	35	35	35		50	25	25	25	25	25	25		540	540	270	270	1620
Marks obtained	46	54	72	64	62	75	57	63	—	—	493	78	36	41	42	38	42	35	312	805	763	415	431	2414

REMARKS

In order to pass 4th Year Exam. a candidate must obtain :

(a) In each written paper not less than 35% marks.

(b) In each sessional work not less than 50% marks.

(c) In aggregate of written paper and sessional work not less than 45% marks.

Minimum Marks :

First Class with Dist. — 2520
First Class — 2160
Second Class — 1620

Result : Ist. class

Date of Publication of Result 1 JUN 1999

Assistant

Tabulator

Controller of Examinations