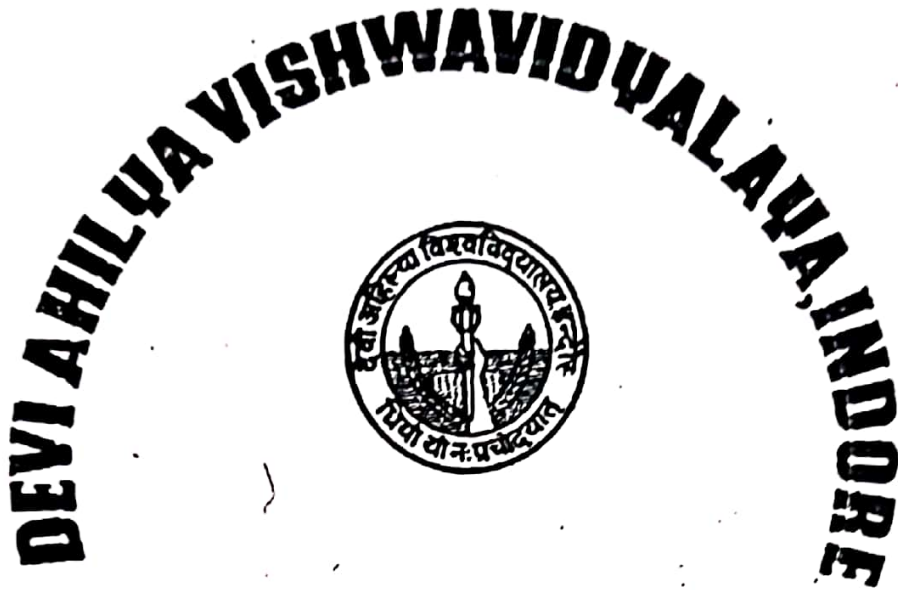


Roll No. 06/DMT/08/00249

ENGLISH TRANSLATION

FORMERLY KNOWN AS UNIVERSITY OF INDORE, INDORE



Master of Technology

Certified that Brijesh Kumar
a student of School of Energy and Environmental Studies, Indore,
obtained the degree of **MASTER OF TECHNOLOGY** in
Energy Management of this University at the Examination
held in May-2011 19 and was placed in the First
Division.

Dated Jan. 12, 2012 19
Date 08/9/2012

ajk
Vice-Chancellor

Self Attested
Brijesh Kumar

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अनुक्रमांक 06/DMT/08/20249

(पूर्व नाम-इन्दौर विश्वविद्यालय, इन्दौर)



मास्टर ऑफ़ टेक्नालॉजी
(MASTER OF TECHNOLOGY)

प्रमाणित किया जाता है कि बुजेश कुमार
ऊर्जा एवं पर्यावरण अध्ययनशाला, इन्दौर, के छात्र/की छात्रा
ने इस विश्वविद्यालय से मई 2011 19 की परीक्षा में
ऊर्जा प्रबंधन में मास्टर ऑफ़ टेक्नालॉजी की उपाधि
प्रथम श्रेणी में प्राप्त की।

जनवरी 12, 2012
19
जाती करने की तिथि

Self Attested
Bijay Kumar

कुलपति

POINT TRANSFORMATION OF THE GRADE										
Transformed Scores	90 >	80 < 90	70 < 80	60 < 70	50 < 60	40 < 50	30 < 40	< 30		
Grade	A+	A	B+	B	C+	C	D	F		
X	10	9	8	7	6	5	4	2		
First Attempt										
X										
Second Attempt	9	8	7	6	5	4	3	2		

SGPA (SEMESTER GRADE POINT AVERAGE) = $\sum(n_i \cdot x_i) / \sum n_i$
CGPA (CUMULATIVE GRADE POINT AVERAGE) = $\sum(n_i \cdot x_i) / \sum n_i$ (Considering all Credits of the Six Semesters)
GGPA (GRADUATING GRADE POINT AVERAGE) = $\sum(n_i \cdot x_i) / \sum n_i$ (Considering minimum Best 120 Credits of the Six Semesters)

Division	GGPA
I st with Distinction	8.00
I st	6.20 ≤ 8.00
II nd	4.75 ≤ 6.20
Fail	< 4.75

Percentage = 8.1 + 8.4 = GGPA

11 NOV 2011 *[Signature]* *[Signature]*

Date

Course Coordinator

Head

[Signature]
Self Attended
[Signature]

Roll No. : 06IDMT/08/00249

Batch 2008-2011

Enrolment No. : DE/08/123

Devi Ahilya Vishwavidyalaya, Indore (M.P.)
School of Energy and Environmental Studies



Grade Card



★ ★ ★ ★

Master of Technology (Energy Management)



MR. BRIJESH KUMAR S/O SHRI RAM KUMAR

Has completed all the course requirements for the award of Master of Technology

(Energy Management) Degree of this University in May 2011. His GGPA is 7.65, which

is equivalent to 72.36 percent of marks. He attained Ist division.

12 JAN 2012

Date

DEPUTY REGISTRAR (EXAMINATIONS)
Registrar

[Signature]

Semester - First

Course No.	Course Title	Credits	Grade
ED - 701	Indian Energy Scenario and Codes	3	A
ED - 702	Heat Transfer	5	B
ED - 703	Non Conventional Energy Sources and Technologies	4	A
ED - 704	Electrical Power Generation, Transmission and Distribution	3	A+
ED - 705	Heat Transfer Laboratory	2	C+
.....	Comprehensive Viva-Voce	3	B+

SGPA = 8.2

$$\sum n_i = 20 \quad \sum n_i x_i = 164$$

Semester - Second

Course No.	Course Title	Credits	Grade
ED - 706	Energy Auditing Techniques	2	C+
ED - 707	Energy Conservation (Thermal)	5	D
ED - 708	Energy Action Planning, and Project Management	4	B
ED - 709	Energy Conservation (Electrical)	4	C
ED - 710	Energy Auditing and Energy Conservation Laboratory	2	B+
.....	Comprehensive Viva-Voce	3	C

SGPA = 5.55

$$\sum n_i = 20 \quad \sum n_i x_i = 111$$

Semester - Third

Course No.	Course Title	Credits	Grade
ED - 711	Water and Waste Water Pollution & Control Technologies	4	C+
ED - 712	Process Integration and Engineering Thermodynamics	4	D
ED - 713	Energy Conservation Opportunities in Process of Designated Industries	3	D
ED - 714	Site Visits (Renewable / Industrial)	4	A
ED - 715	Minor Project: Energy Auditing / Renewable Energy Systems	8	A
.....	Comprehensive Viva-Voce	3	A

SGPA = 7.19

$$\sum n_i = 26 \quad \sum n_i x_i = 187$$

Semester - Fourth

Course No.	Course Title	Credits	Grade
ED - 716	Energy Conservation in Buildings	3	C+
ED - 717	Environmental Auditing Techniques	2	C+
ED - 718	Solar Energy	4	B+
ED - 719	Instrumentation, Measurement & Controls	4	B
ED - 720	Energy Software Laboratory	2	B+
ED - 721	Solar Energy Laboratory	2	B+
.....	Comprehensive Viva - Voce	3	B+

SGPA = 7.3

$$\sum n_i = 20 \quad \sum n_i x_i = 145$$

Semester - Fifth

Course No.	Course Title	Credits	Grade
ED - 722	Biomass Conversion Technologies	4	C
ED - 723	Air and Noise Pollution and Control Technologies	3	B
ED - 724	Environmental Management System & Protocols	4	B+
ED - 725	Biomass Laboratory	2	B+
ED - 726	Site Visits (Renewable / Industrial)	3	A+
.....	Comprehensive Viva - Voce	3	B

SGPA = 7.37

$$\sum n_i = 19 \quad \sum n_i x_i = 140$$

Semester - Sixth

Course No.	Course Title	Credits	Grade
ED - 727	Major Project	22	A

SGPA = 9.00

$$\sum n_i = 22 \quad \sum n_i x_i = 198$$

Requirement of M. Tech. Degree	:	Minimum 104 Valid Credits
Total Credits Considered for CGPA - 127	:	CGPA - 7.45
Valid Credits for GGPA - 120	:	GGPA - 7.65

Self Attested
B. Srinivas