

पोखरा विश्वविद्यालय POKHARA UNIVERSITY



स्नातकोत्तर

इलेक्ट्रिकल इन्जिनियरिङ्ग इन पावर सिस्टम

सन् २०२३ मा इलेक्ट्रिकल इन्जिनियरिङ्ग इन पावर सिस्टम विषयमा स्नातकोत्तर

उपाधिको निमित्त पोखरा विश्वविद्यालयबाट तोकिएका सबै आवश्यकता पूरा गरेका

मनिमा भण्डारी

लाई

यस उपाधिद्वारा विभूषित गरिएको छ ।

**Master of Science
in**

Electrical Engineering in Power System

Pokhara University has conferred upon

Manila Bhandari

the degree of Master of Science in Electrical Engineering in Power System
in recognition of the completion of the requirements
to this degree in 2023 .

Date of the Convocation: February 20, 2024

Pokhara, Nepal

Date of Issue: February 20, 2024

Vice-Chancellor



POKHARA UNIVERSITY

A0143896

OFFICE OF THE CONTROLLER OF EXAMINATIONS

Kaski, Nepal

TRANSPARENT ACADEMIC RECORDS



S.N.: 76324



Name of the Student : MANILA BHANDARI

Registration No: 2020-1-91-0008

Exam Roll No.: 20910008

College: SCHOOL OF ENGINEERING

Faculty : SCIENCE AND TECHNOLOGY

Program: MASTER OF SCIENCE IN ELECTRICAL ENGINEERING Level: MASTER

IN POWER SYSTEM

Date of Registration : MARCH 2020

Date of Completion : MAY 2023

SN	Code No.	Course Title	Credit	Grade	SN	Code No.	Course Title	Credit	Grade
		First Semester					Second Semester		
1.	EPS 501	Computer Aided Power System Analysis	4	B+	1.	EPS 551	Power System Dynamics And Stability	4	A
2.	EPS 502	Distribution System Planning and Design	3	A-	2.	EPS 552	Advanced High Voltage Engineering	3	A-
3.	EPS 503	Advanced Power Electronics	3	A	3.	EPS 553	Power System Operation and Control	3	A-
4.	EPS 504	Optimization Techniques	3	A-	4.	EPS 591	Seminar	2	A
5.	EPS 505	Power Market and Deregulation	3	A-	5.	EPS 571	*Advanced Electrical Drives	3	A
		Credit / SGPA	16	3.66			Credit / SGPA	15	3.88
		Third Semester					Fourth Semester		
1.	EPS 601	Power System Reliability	3	A	1.	EPS 691	Dissertation	15	B+
2.	EPS 602	Engineering Project Planning and Management	3	B+					
3.	EPS 603	Project	2	A-					
4.	EPS 632	*Distributed Generation and Micro Grid	3	A-					
5.	EPS 641	*Power Quality and Harmonics	3	A-					
		Credit / SGPA	14	3.68			Credit / SGPA	15	3.30
							Total Credit	60.00	
							CGPA	3.63	

The candidate has completed all the requirements prescribed by the University for the 2 years Master of Science in Electrical Engineering in Power System.

Prepared by

checked by

Controller of Examinations

Date of Issue: 25 JUL 2023

Note : TH=Theory, PR=Practical, *Elective / Specialization

S.No. : 2469

Regd. No. : 2014-1-48-0045

पोखरा विश्वविद्यालय POKHARA UNIVERSITY



स्नातक

इन्जिनियरिङ्ग

इलेक्ट्रिकल एण्ड इलेक्ट्रोनिकस इन्जिनियरिङ्ग विषयमा स्नातक

उपाधिको निमित्त पोखरा विश्वविद्यालयबाट तोकिएका सबै आवश्यकता पूरा गरेका

मनिला भण्डारी

लाई

विक्रम सम्वत् २०७५ मा यस उपाधिद्वारा विभूषित गरिएको छ ।

Bachelor of Electrical and Electronics Engineering

Pokhara University has conferred upon

Manila Bhandari

the degree of **Bachelor of Electrical and Electronics Engineering**

in the year 2019 in recognition of the fulfilment of

all the requirements for this degree.

Pokhara, Nepal

Date of Issue: 3rd April, 2019


Vice-Chancellor



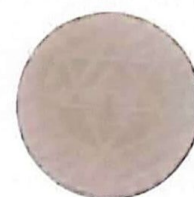
POKHARA UNIVERSITY

A 0107547

OFFICE OF THE CONTROLLER OF EXAMINATIONS

S.N.: 55807

TRANSCRIPT OF ACADEMIC RECORDS



Name of the Student: MANILA BHANDARI

Registration No.: 2014-1-48-0045

Exam Roll No.: 15480098

College: SCHOOL OF ENGINEERING

Faculty: SCIENCE AND TECHNOLOGY

Program: BACHELOR OF ELECTRICAL AND ELECTRONICS
ENGINEERING

Level: BACHELOR

Date of Registration: SEPTEMBER 2014

Date of Completion: SEPTEMBER 2018

SN	Code No.	Course Title	Credit	Grade
First Semester				
1.	MTH 112	Engineering Mathematics I	3	B
2.	CHM 111	Chemistry	4	B+
3.	ENG 111	Communication Techniques	2	A
4.	MEC 120	Engineering Drawing	2	A
5.	CMP 113	Programming in C	3	C+
6.	ELE 110	Basic Electrical Engineering	3	B
Total			17	
SGPA			3.18	
Third Semester				
1.	MTH 212	Engineering Mathematics III	3	C
2.	ELE 210	Electrical Engineering Materials	2	B-
3.	ELE 211	Network Theory	3	C
4.	ELX 212	Logic Circuits	3	A-
5.	ELX 210	Electronic Devices	3	A-
6.	ELX 220	Electromagnetic Field and Waves	3	B+
Total			17	
SGPA			2.91	

SN	Code No.	Course Title	Credit	Grade
Second Semester				
1.	MTH 114	Engineering Mathematics II	3	B+
2.	PHY 111	Physics	4	C+
3.	CMP 115	Object Oriented Programming in C++	3	C
4.	MEC 111	Thermal Science	2	C
5.	MEC 130	Applied Mechanics I	3	C+
6.	MEC 110	Mechanical Workshop	1	A
Total			16	
SGPA			2.50	
Fourth Semester				
1.	MTH 214	Engineering Mathematics IV	3	C+
2.	MTH 230	Numerical Methods	3	B-
3.	ELX 231	Instrumentation	3	C+
4.	ELX 214	Electronic Circuits	3	C+
5.	ELX 230	Microprocessors	3	B
6.	ELE 220	Electrical Machines	3	B-
Total			18	
SGPA			2.55	

Prepared by

Checked by

Controller of Examinations

Date of Issue: 15 MAR 2019

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POKHARA UNIVERSITY
OFFICE OF THE CONTROLLER OF EXAMINATIONS
Kaski, Nepal
TRANSCRIPT OF ACADEMIC RECORDS

Name of the Student: MANILA BHANDARI

Exam Roll No.: 15480098

Faculty: SCIENCE AND TECHNOLOGY

Program: BACHELOR OF ELECTRICAL AND ELECTRONICS
ENGINEERING

Date of Registration: SEPTEMBER 2014

Registration No.: 2014-1-48-0045

College: SCHOOL OF ENGINEERING

Level: BACHELOR

Date of Completion: SEPTEMBER 2018

SN	Code No.	Course Title	Credit	Grade
Fifth Semester				
1.	MGT 321	Organization and Management	2	B+
2.	ELE 320	Advanced Electrical Machines	3	C+
3.	CMM 310	Signals and Systems	3	B-
4.	ELE 330	Transmission and Distribution	3	C
5.	ELE 322	Control Systems	3	B
6.	MTH 220	Probability and Statistics	3	C
		Total	17	
		SGPA	2.51	
Seventh Semester				
1.	ECO 411	Engineering Economics	3	C+
2.	ELE 430	Transmission Line Design	3	A-
3.	ELE 420	Machine Design	3	B
4.	ELX 430	Advanced Instrumentation	3	B-
5.	ELE 457	*Flexible AC Transmission System	3	A
6.	ELE 390	Project I	1	B+
		Total	16	
		SGPA	3.15	

SN	Code No.	Course Title	Credit	Grade
Sixth Semester				
1.	ELX 310	Power Electronics	3	C+
2.	ELE 333	Power System Analysis	3	B
3.	CMM 312	Communication System Engineering	3	A-
4.	ELE 331	Power Plant Equipment	3	B+
5.	ELE 332	Switch Gear and Protection	3	A-
6.	ELE 360	Research Methodology	2	B
		Total	17	
		SGPA	3.18	
Eighth Semester				
1.	ELE 431	Utilization of Electrical Power	3	C+
2.	ELX 460	Professional Ethics in Engineering	2	B-
3.	ELE 433	Power Plant Design	3	B-
4.	ELE 432	High Voltage Engineering	3	B-
5.	ELE 456	* Power System Reliability	3	A
6.	ELE 490	Project II	4	A
		Total	18	
		SGPA	3.14	
Total Credit			136.00	
CGPA			2.89	

The candidate has completed all the requirements prescribed by the University for the 4 years Bachelor Degree in Electrical and Electronics Engineering.

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Checked by

Controller of Examinations

Date of Issue: 15 MAR 2019

Note : TH=Theory, PR=Practical, *Elective / Specialization

Accreditation

In order to meet the accessible quality education, Pokhara University, Pokhara, Nepal has been established in 1997 under the Pokhara University Act 1996.

Grading System

Pokhara University follows letter grade system. Letter awarded for different levels are as follows:

Bachelor Level

<u>Grade</u>	<u>Honor Point</u>	<u>Description</u>
A	4.0	Excellent
A-	3.7	
B +	3.3	
B	3.0	Good
B-	2.7	
C+	2.3	
C	2.0	Fair
C-	1.7	
D+	1.3	
D	1.0	Work satisfying minimum requirements for credit.
F	0.0	Fail

Master Level

<u>Grade</u>	<u>Honor Point/Grade Point</u>	<u>Description</u>
A	4.0	Excellent
A-	3.7	
B +	3.3	Good
B	3.0	Fair
B-	2.7	
C+	2.3	
C	2.0	Work satisfying minimum requirement for credit/ Pass in Individual Course
F	0.0	Fail

The Cumulative Grade Point Average (CGPA) is the average grade point of all the semesters/trimesters.

$$\text{CGPA} = \frac{\text{Cumulative total honor points earned}}{\text{Cumulative total number of credit hours taken}}$$

Degree with distinction

To obtain a degree with distinction, a student must obtain a CGPA of 3.60 or better in the Bachelor's Level and 3.75 or better in the Master's Level.

Dean's List

The dean's list recognizes outstanding academic performance. To qualify, a student must obtain a CGPA of 3.70 in the Bachelor's Level and 3.80 in the Master's Level.