



HIMALAYAN UNIVERSITY
ITANAGAR, ARUNACHAL PRADESH, INDIA

Estd. under Section 2f of UGC Act 1956 HMLP-17856
Doctor of Philosophy (Ph.D.)

2022

This is to certify that the proposal for the Award of Ph. D. Degree in the Subject of
BIOTECHNOLOGY.....Under The Faculty ofScience.....

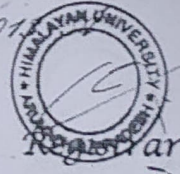
To Shri/Smt/Mr.....SUDHIR KUMAR.....

(Registration No.)66456167422131.....Year.....2017-2022.....

on the Topic.....सूखा रोधी फसल किस्मों के विकास में जैवप्रौद्योगिकी का इस्तेमाल

..... has been Awarded by the
University as per UGC Gazette Notification. Dated 11th July 17th 2017
Itanagar (Arunachal Pradesh)

Date 25th April 2022



सुधीर कुमार



HIMALAYAN UNIVERSITY
ITANAGAR, ARUNACHAL PRADESH, INDIA

Estd. under Section 2f of UGC Act 1956 HMLP-17856
Doctor of Philosophy (Ph.D.)
2022

This is to certify that the proposal for the Award of Ph. D. Degree in the Subject of
BIOTECHNOLOGY Under The Faculty of Science

To Shri/Smt/Ms. SUDHIR KUMAR

(Registration No.) 66456167422131 Year 2017-2022

on the Topic सूखा रोधी फसल किस्मों के विकास में जैवप्रौद्योगिकी का इस्तेमाल

has been Awarded by the
University as per UGC Gazette Notification Dated 11th July 17th 2017

Itanagar (Arunachal Pradesh)

Date 25th April 2022





(Established Under Section 2F of UGC Act 1956)
ITANAGAR ARUNACHAL PRADESH-INDIA



CERTIFICATE HIMALAYAN
UNIVERSITY

This is to certify that Dr. Sudhir Kumar S/o Noubat Singh was registered Registration Number: Res-66456167422131 in this university for his Doctor of Philosophy Ph.D.) Degree in Biotechnology on the topic सूखा रोधी फसल किस्मों के विकास में जैवप्रौद्योगिकी की का इस्तेमाल His degree was confirmed in the meeting of the Executive Council held on 23-05-2020.

The candidate fulfills the following six conditions laid down by the UGC for the purpose:-

1. He was registered to Ph.D through interview.
2. His progress was 6 monthly reviewed.
3. He presented two Research papers in seminar.
4. He got two Research paper published in journal before submission of thesis.
5. His thesis was evaluated by three experts other than the supervisor and amongst them, one was from out of the state.
6. A soft copy (CD) of the thesis has been submitted by him in the university.

The Ph.D. degree on the above-mentioned topic awarded by the university is in accordance with (UGC minimum standards and procedure for the award of Ph.D. (degree) Regulation-2016 as she fulfills 6 conditions out of 11 as laid down by the U.G.C.

सुधीर कुमार



DR. RAM MANOHAR LOHIA AVADH UNIVERSITY FAIZABAD (U.P.)



ENROLMENT NO.

CATEGORY REGULAR

STATEMENT OF MARKS

2011

NAME OF COLLEGE/CENTRE NANDINI NAGAR P.G. COLLEGE NAWABGANJ GONDA

NAME: SUDHIR KUMAR

FATHER/HUSBAND'S NAME

NOUBAT SINGH

ROLL NO.: 114752

EXAMINATION/ CLASS

M.Sc. (FINAL)

BIOTECHNOLOGY

SELECTED PAPER		MAXIMUM MARKS	MINIMUM MARKS	MARKS OBTAINED
THEORY				
PRINCIPLES OF BACTERIOLOGY AND VIROLOGY		100	25	59
EXERCISES IN PLANT BIOTECHNOLOGY		100	25	57
EXERCISES IN GENETIC ENGINEERING		100	25	53
PLANT BIOTECHNOLOGY		100	25	56
EXERCISES IN IMMUNOLOGY		100	25	57
THEORY TOTAL		500	180	282
PRACTICAL		250	90	190
TOTAL (IN WORDS):				
Four Hundred Seventy Two		750	270	472
PREVIOUS		FINAL	GRAND TOTAL	RESULT / DIVISION
TOTAL MARKS	750	750	875/1500	PASSED SECOND
MARKS OBTAINED	403	472		
GRAND TOTAL (IN WORDS)				

CHECKED BY

Principal
Nandini Nagar P.G. College
Nawabganj-Gonda (U.P.)

30 SEP 2011

FAIZABAD Date:

Controller of Exams

Sl. No. 560126

DR. RAM MANOHAR LOHIA AVADH UNIVERSITY FAIZABAD (U.P.)



ENROLLMENT NO.

CATEGORY **REGULAR**

STATEMENT OF MARKS 2010

NAME OF COLLEGE/CENTRE

NANDINI NAGAR P.G. COLLEGE NAWABGANJ GONDA

NAME: **SUDHIR KUMAR**

FATHER/HUSBAND'S NAME

NOUBAT SINGH

ROLL NO.: **105482**

EXAMINATION/ CLASS

M.Sc. (PREVIOUS) BIOTECHNOLOGY

SELECTED PAPER	MAXIMUM MARKS	MINIMUM MARKS	MARKS OBTAINED
THEORY			
ADVANCED BIOLOGICAL CHEMISTRY	100	25	45
ENVIRONMENTAL BIOTECHNOLOGY	100	25	43
EXERCISES IN ADVANCED BIOLOGICAL CHEMISTRY	100	25	37
MOLECULAR BIOLOGY	100	25	44
EXERCISES IN ENVIRONMENTAL BIOTECHNOLOGY	100	25	49
THEORY TOTAL	500	180	218
PRACTICAL	250	90	185
TOTAL (IN WORDS)			
Four Hundred Three		750	403
PREVIOUS		FINAL	
TOTAL MARKS	750	GRAND TOTAL	
MARKS OBTAINED	403	RESULT / DIVISION	
		403/750	
		PASSED	
GRAND TOTAL (IN WORDS)			

CHECKED BY

(Signature)
Principal
Nandini Nagar P.G. College
Nawabganj-Gonda (U.P.)

21 AUG 2010

FAIZABAD Date :

(Signature)
Controller of Exams

SI. No. 560126

DR. RAM MANOHAR LOHIA AVADH UNIVERSITY FAIZABAD (U.P.)



ENROLMENT NO.

CATEGORY REGULAR

STATEMENT OF MARKS 2010

NAME OF COLLEGE/CENTRE NANDINI NAGAR P.G. COLLEGE NAWABGANJ GONDA

NAME SUDHIR KUMAR

FATHER/HUSBAND'S NAME

NOUBAT SINGH

ROLL NO. : 105482

EXAMINATION/ CLASS

M.Sc. (PREVIOUS) BIOTECHNOLOGY

SELECTED PAPER		MAXIMUM MARKS	MINIMUM MARKS	MARKS OBTAINED
THEORY				
ADVANCED BIOLOGICAL CHEMISTRY		100	25	45
ENVIRONMENTAL BIOTECHNOLOGY		100	25	43
EXERCISES IN ADVANCED BIOLOGICAL CHEMISTRY		100	25	37
MOLECULAR BIOLOGY		100	25	44
EXERCISES IN ENVIRONMENTAL BIOTECHNOLOGY		100	25	49
THEORY TOTAL		500	180	218
PRACTICAL		250	90	185
TOTAL (IN WORDS)				
Four Hundred Three		750	270	403
PREVIOUS		FINAL	GRAND TOTAL	RESULT / DIVISION
TOTAL MARKS	750		403/750	PASSED
MARKS OBTAINED	403			
GRAND TOTAL (IN WORDS)				

CHECKED BY

सुधीर कुमार

Principal

Nandini Nagar P.G. College
Nawabganj-Gonda (U.P.)

21 AUG 2010

FAIZABAD Date :

Controller of Exams

S.No. 1585474

BUNDELKHAND UNIVERSITY, JHANSI (INDIA) 284128

Statement of Marks

REGULAR/PRIVATE



REGULAR

Name of the Student : SUDHIR KUMAR

Roll No : 958841

Father's Name : NOUBAT SINGH

E.No B.U. : BU-53485

Examination/Year : B.Sc. (PART-III) Examination- 2009

Subject :

College / Institution's : ATARRA P.G. COLLEGE ATARRA BANDA

Name of Subject	Theory Marks					Practical Marks	Marks Obt.
	MAX	I	II	III	TH		
	MIN				TOT	PR	
BOTANY	225/75	32	30	35	97	45	142
ZOOLOGY	225/75	32	32	30	94	44	138
AGGREGATE MARKS	450/150						280
PREVIOUS YEAR MARKS	1350/450						799
Grand Total	1800/600						1079
RESULT: PASSED / SECOND							

सुधीर कुमार

In case of any discrepancy between the entries in the marksheet issued & in the University record, the University record shall be final.

21/08/2009

Date:

CHECKED BY-1

CHECKED BY-2

Dy. Registrar (Exam.)
BUNDELKHAND UNIVERSITY
JHANSI

क्रमांक (Sr. No.)

0356871

22/1032/0067

अनुक्रमांक (Roll No.)

0477257

माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश
Board of High School and Intermediate Education, U.P.



इण्टरमीडिएट परीक्षा - २००६
Intermediate Examination - 2006



प्रमाणित किया जाता है कि परिषद् के अभिलेखानुसार
 This is to certify that according to the Board's record

SUDHIR KUMAR

आत्मज/आत्मजा श्रीमती (son/daughter of Mrs.)

ASHA RANI

एवं श्री (and Mr.)

NOUBAT SINGH

ने मार्च/अप्रैल वर्ष 2006 की इण्टरमीडिएट की परीक्षा निम्न विवरणानुसार उत्तीर्ण की है :-

has passed Intermediate Examination held on March/April-2006 according to the following details :-

चयनित विषय (Name of the opted subjects) :

1-GENERAL HINDI

2-ENGLISH

3-PHYSICS

4-CHEMISTRY

5-MATHEMATICS

6-SPORTS & PHY EDU

उत्तीर्ण श्रेणी (Division) - **SECOND**

विद्यालय/केन्द्र (School/Centre)

R N M I C, AMROHA, JYOTIBA RAO, MULE NAGAR

प्रमाणपत्र क्रमांक (Certificate No.)

विद्यार्थी/व्यक्तिगत (Reg./Pvt.)

दिनांक व स्थान (Date & Place)

Allahabad

I025061

REGULAR

21/05/2006

(बासुदेव यादव)

(Basudeo Yadav)

सचिव (Secretary)

'D' indicates Distinction in that particular subject.

'HONOURS' indicates candidate "passed with honour"

Note: For Important Instructions see overleaf.

सुधीर कुमार



माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश

Board of High School and Intermediate Education, Uttar Pradesh
इण्टरमीडिएट परीक्षा वर्ष-2006 (Intermediate Examination-2006)

0382809

अंकपत्र - Marks Sheet

अनुक्रमांक (Roll No.) परीक्षार्थी का नाम (Candidate's Name) वर्ग (Group) क्रमांक (Sr. No.)
0477257 SUDHIR KUMAR B 122/031494

विद्यालय/केन्द्र का नाम (School/Centre's Name) परीक्षा प्रवर्ग (Exam Type) संस्था/व्यक्तिगत (Regular/Private)
R N M I C AMROHA JYOTIBA RAO PHULE NAGAR FULL EXAM REGULAR

विषय Subject	अधिकतम अंक Max.Marks	प्रश्नपत्रवार प्राप्तांक Paperwise Obtained Marks			योग Total	सम्पूर्ण योग एवं परीक्षाफल Grand Total & Result
GENERAL HINDI	100	1/19	2/17	3/22	058	293/500
ENGLISH	100	1/23	2/33		056	PASSED
PHYSICS	100	1/14	2/18	032 P/27	059	SECOND DIV
CHEMISTRY	100	1/17	2/17	034 P/20	054	
MATHEMATICS	100	1/23	2/20	3/23	066	
SPORTS & PHY EDU	100	1/34	P/25		059	

जांचकर्ता के हस्ताक्षर एवं दिनांक
Checker's Signature & Date

SK
12/6/06

प्रधानाचार्य के हस्ताक्षर एवं मुहर
Principal's Signature & Seal

PRINCIPAL
R. N. M. Inter College
Yasudev Sthal, Amroha
(7 P. Nagar) U.P.

नोट- अंकपत्र सम्बन्धी आवश्यक सूचनायें पीछे मुद्रित हैं।
Note:-For details about marks sheet please see overleaf.

सुधीर कुमार

0332498
32/002/00010

अनुक्रमांक
0543517

माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश
बोर्ड ऑफ हाईस्कूल एण्ड इंटरमीडिएट एजुकेशन, यूपी



HSIBUP-2003

हाई स्कूल परीक्षा, २००३
(SUPPLEMENTARY)

प्रमाणित किया जाता है कि परिषद् के अभिलेखानुसार

SUDHIR KUMAR

आत्मज/आत्मजा श्रीमती ASHA RANI
एवं श्री NOUBAT SINGH

ने जिनकी जन्मतिथि

15TH DECEMBER NINETEEN HUNDRED EIGHTY SEVEN (15-12-87)
है, वर्ष २००३ की हाईस्कूल परीक्षा निम्नलिखित विवरण के अनुसार उत्तीर्ण की है -

- | | | |
|------------|-------------------|-----------------|
| 1. HINDI | 2. ENGLISH | *3. MATHEMATICS |
| 4. SCIENCE | 5. SOCIAL SCIENCE | 6. DRAWING |

उत्तीर्ण श्रेणी * PASSED SUPPLEMENTARY (UNDER REG. 20 CHAPTER XII)

विद्यालय/केन्द्र J B H I C AMROHA JYOTIBA RAO PHULE NAGAR

प्रमाण पत्र क्रमांक इलाहाबाद दिनांक
H3200572 PRIVATE 6TH SEPTEMBER, 2003

* DENOTES SUPPLEMENTARY SUBJECT

'D' का अर्थ सम्बन्धित विषय में 'विशेष योग्यता' है।
'HONOURS' का अर्थ 'सम्मान सहित उत्तीर्ण' है।
टीप-विषय का पूर्ण विवरण पृष्ठ भाग पर अंकित है।

(अचला खन्ना)
सचिव

सुधीर कुमार

हाई स्कूल परीक्षा-अंक पत्र 2492905

माध्यमिक शिक्षा परिषद् उत्तर प्रदेश, द्वारा संचालित वर्ष २००३ की हाई स्कूल परीक्षा में निम्नलिखित परीक्षार्थी द्वारा प्राप्त अंकों का विवरण :-

अनुक्रमांक
0543517

परीक्षार्थी का नाम
SUDHIR KUMAR

जन्मतिथि

15/12/87

क्रमांक

H3200015

विद्यालय/केन्द्र का नाम

U S H I C AMROHA JYOTIBA RAO PHULE NAGAR SUPL. EXAM

परीक्षा प्रवर्ग

संस्था०/व्यक्ति०

PRIVATE

विषय	अधिकतम अंक	प्रश्नपत्रवार प्राप्तांक				योग	सम्पूर्ण योग एवं परीक्षाफल
HINDI	100	1/29	2/19			048	275/600
ENGLISH	100	1/29	2/21			050	PASSED
*MATHEMATICS	100	1/21	2/21			042	UNDER
SCIENCE	100	1/12	2/11	3/15	P/A	038	REG. 20 CHAPTER
SOCIAL SCIENCE	100	1/21	2/18			039	-XII
DRAWING	100	1/58				038	

* DENOTES SUPPLEMENTRY SUBJECT

जांचकर्ता के हस्ताक्षर
दिनांक

13-9-03

प्रधानाचार्य
के हस्ताक्षर

नोट - आवश्यक सूचना पीछे मुद्रित है।

मुहर

प्रधानाचार्य

23.5.03
जे. एस. हिन्दू इण्टर कालेज
(ज्योतिबा फुलेनगर)

आयकर विभाग
INCOME TAX DEPARTMENT

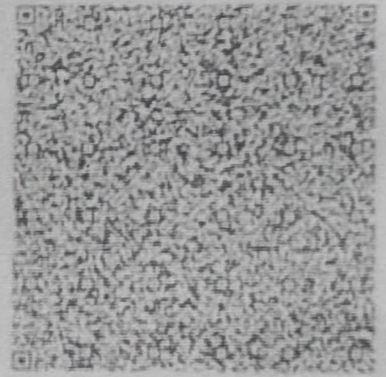


भारत सरकार
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

LWKPK8106N



नाम / Name
SUDHIR KUMAR

पिता का नाम / Father's Name
NAUVAT SINGH

जन्म की तारीख /
Date of Birth
15/12/1987

सुधीर कुमार
हस्ताक्षर / Signature

01042022

सुधीर कुमार