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3.4.4.1 Number of Ph.Ds awarded during the last five years

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AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Yogita Sharma

the degree of

**Doctor of Philosophy
(Psychology)**

on the thesis titled :

**“Psychological Correlates of
Clothing Behaviour of Student Population”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



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Kant Kalwar, NH-11C,
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CERTIFICATE

This is to certify that the thesis entitled “**PSYCHOLOGICAL CORRELATES OF CLOTHING BEHAVIOUR OF STUDENT POPULATION**” is an original work carried out by Yogita Sharma under our supervision and guidance for the degree of Doctor of Philosophy in Psychology, Department of Amity Institute of Allied & Behavioural Science, Amity University Jaipur (Rajasthan).

We further certify that no part of this thesis has been submitted for any other degree to this or any other University/Institute.

A blue ink signature of Dr. Payal Kanwar Chandel.

Dr. Payal Kanwar Chandel

(Supervisor)

A blue ink signature of Prof. Laxmi Narayan Bunker.

Prof. Laxmi Narayan Bunker

(Co-Supervisor)

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*on recommendation of the Academic Council
has conferred upon*

Kumar Vaibhav

the degree of

Doctor of Philosophy
(Electronics and Communication Engineering)

on the thesis titled :

“Content Based Image Retrieval using
Natural Inspired Algorithms”

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

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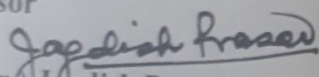
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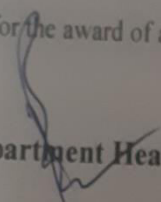
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Further this work has not been submitted elsewhere for the award of any other degree/diploma.

Supervisor


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Professor & Coordinator,
Amity School of Applied Sciences (ASAS),
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Department Head


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Amity University Rajasthan, Jaipur.

Co-Supervisor

Prof. (Dr.) Baldev Singh,
Professor & Dean Engineering,
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*on recommendation of the Academic Council
has conferred upon*

Mahesh Kumar Saini

the degree of

**Doctor of Philosophy
(Biotechnology)**

on the thesis titled :

**“Morphological and Molecular Characterization of
Variability in *Balanites aegyptiaca* L. (DEL.)
vis-à-vis Potential for Biodiesel Production”**

*having completed in the year 2021 in witness whereof
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Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled "Morphological and molecular characterization of variability in *Balanites aegyptiaca* L. (Del.) vis-à-vis potential for biodiesel production" is submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Mahesh Kumar Saini** in the Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Vinod Singh Gour
Guide

Dr. Jitendra Kumar Shukla
Co-Guide
Jitendra Kumar Shukla, Ph.D. Scientist,
Institute of Bioresources & Sustainable
Development, DBT, Govt. of India

Prof. (Dr.) Vinay Sharma
Director
Amity Institute of Biotechnology

Date 16/2/2022



DrillBit
And Patagonia Software

DrillBit Similarity Report

8

SIMILARITY %

10

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	Quality assessment of oil and biodiesel derived from <i>Balanites aegypti</i> by Saini-2019	4	Publication
2	Protein Modifications and Networks in Health and Disease by -2005	1	Publication
3	Quality assessment of oil and biodiesel derived from <i>Balanites aegyptiaca</i> collec by Saini-2019	1	Publication
4	Conservation genetics of endangered medicinal plant <i>Commiphora wightii</i> in Indian by Harish-2014	1	Publication
5	ijera.com	<1	Publication
6	Effects of drying and storage on year-round production of butanol and biodiesel by Jernigan-2013	<1	Publication
7	Clustered patterns of species origins of nature-derived drugs and clues for futu by Fen-2011	<1	Publication
8	www.bp.com	<1	Internet Data
9	NETosis proceeds by cytoskeleton and endomembrane disassembly and PAD4 by Thiam-2020	<1	Publication
10	Evaluation of wind energy potential and estimation of cost using wind energy tur by Belabes-2015	<1	Publication

Enrolment No.: A21088317001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Gayathri Menon

the degree of

**Doctor of Philosophy
(Clinical Psychology)**

on the thesis titled :

**“Psychotherapeutic Components in Faith Healing:
A Qualitative Analysis of Psychiatric Cases”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.




Shilpa Bhardwaj
Registrar

Neeraj
President

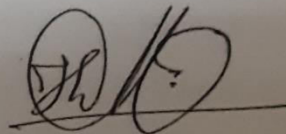
Arun K Chaudhary
Chairperson

CERTIFICATE

This is to certify that the thesis entitles **"Psycho-therapeutic Components in Faith Healing: A Qualitative Analysis of Psychiatric Cases"** submitted for the fulfillment for the completion of doctorate (Ph.D.) in clinical psychology at Amity Institute of Behavioral and Allied Sciences, Amity University, Rajasthan is a record of bonafide investigation carried out by Ms. Gayathri Menon under our supervision. This is an original piece of work and part of this project has not been submitted elsewhere for any other degree or diploma to the best of my knowledge. All the assistance and help received during the course of research has been fully acknowledged. In our opinion, this work is suitable for the presentation in fulfillment for the award of the degree of doctorate in clinical psychology.



Dr. Vismata Paliwal,
Supervisor
Associate Professor & Coordinator,
Amity Institute of Behavioral and
Allied Sciences,
Amity University Rajasthan, Jaipur



Dr. Thiyam Kiran Singh,
Co-supervisor
Associate Professor of Clinical Psychology,
Mizoram University, Mizoram,
Aizwal, Mizoram



DrillBit
Anti Plagiarism Software

Similarity Report

8	63	A	A-Satisfactory (0-10%) B-Upgrade (11-40%) C-Poor (41-60%) D-Unacceptable (61-100%)
SIMILARITY %	MATCHED SOURCES	GRADE	

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
4	www.worldwidejournals.com	3	Publication
3	core.ac.uk	<1	Publication
6	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
13	The Preference of Place of Death and its Predictors Among Terminally I by Gu-2015	<1	Publication
24	www.uav.ro	<1	Publication
29	14.139.116.20_8080	<1	Publication
27	www.potatopro.com	<1	Publication
18	amity.edu	<1	Publication
22	aa-rf.org	<1	Publication

Enrolment No.: A20436417005



AMITY UNIVERSITY

— R A J A S T H A N —

*on recommendation of the Academic Council
has conferred upon*

Anurag Joshi

the degree of

**Doctor of Philosophy
(Mechanical Engineering)**

on the thesis titled :

**“Load Analysis of
Cold Rolling Mill Work Rolls”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.




Shilpa Bhardwaj
Registrar

Anurag Joshi
President

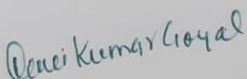
Arun K Chandra
Chairperson

CERTIFICATE

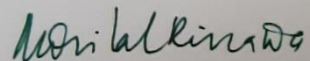
This is to certify that thesis entitled "**Load Analysis of Cold Rolling Mill Work Rolls**" is submitted to the Amity University Rajasthan in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Anurag Joshi** in the **Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur** under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide: 

Dr. Pramod Kumar Bhatt
Professor
Amity University Rajasthan,
Jaipur (Raj.)

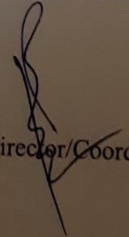


Co-Guide:
Dr. Ravi Kumar Goyal
Professor
Nirwan University, Jaipur, (Raj.)



Co-Guide:
Dr. Moti Lal Rinawa
Assistant Professor
Government Engineering
College, Jhalawar, (Raj.)

Date: 07/03/2022


Director/Coordinator/HoI



DrillBit
Arti Program Software

DrillBit Similarity Report

3

SIMILARITY %

21

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	shodhganga.inflibnet.ac.in	<1	Publication
2	Mechanisms of graphite crucible degradation in contact with SiAl melts at high by Hoseinpur-2020	<1	Publication
3	EVALUATING DAM RE-OPERATION FOR FRESHWATER CONSERVATION IN THE SUSTAINABLE RIVER by C-2012	<1	Publication
4	mcdonaldsteel.com	<1	Internet Data
5	A study of nonlinear coupling dynamic characteristics of the cold rolling mill s by Xu-2017	<1	Publication
6	Investigation of the effect of pressure on some physical parameters and thermoel by Sef-2008	<1	Publication
7	journals.sagepub.com	<1	Internet Data
8	A Small-Gain Approach for Nonpassive Bilateral Telerobotic Rehabilitation Stabi by Atashzar-2017	<1	Publication
9	Progressive collapse mitigation approaches for steel-concrete composite building by Jeyarajan-2015	<1	Publication
10	High cooling power density SiGeSi micro-coolers by Fan-2001	<1	Publication
11	www.c3controls.com	<1	Internet Data

Enrolment No.: A21088317004



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Monika Mishra

the degree of

**Doctor of Philosophy
(Clinical Psychology)**

on the thesis titled :

**“Role of Psychological Factors in
Happiness among Indian Educated Housewives
and Working Women”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shikha Bhardwaj
Registrar

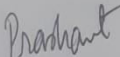
Neeraj
President

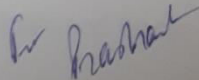
Arjun K Chaudhary
Chairperson

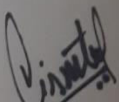
CERTIFICATE

This is to certify that the thesis entitled "**Role of Psychological Factors in Happiness among Indian Educated Housewives and Working Women**" is an original work carried out by Monika Mishra under our supervision and guidance for the degree of Doctor of Philosophy in Clinical Psychology, Department of Amity Institute of Allied & Behavioural Science, Amity University Jaipur (Rajasthan).

We further certify that no part of this thesis has been submitted for any other degree to this or any other University/Institute.


Dr. Prashant
(Supervisor)


Dr. Rupa Mathur
(Co-Supervisor)


Dr. Vismata Paliwal
(Head of Institute)



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DrillBit Similarity Report

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SIMILARITY %

71

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
12	worldwidescience.org	1	Internet
4	library.oapen.org	<1	Publication
20	core.ac.uk	<1	Publication
23	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
13	skirec.org	<1	Publication
1	Aligarh Muslim University Thesis Published - www.inflibnet.ac.in	<1	Student Paper
5	library.oapen.org	<1	Publication
33	worldwidescience.org	<1	Internet
30	Aligarh Muslim University Paper - www.inflibnet.ac.in	<1	Student Paper
6	library.oapen.org	<1	Publication

Enrolment No.: A21533417003



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Asha Rani Rawat

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

**“Stringent Rape Laws vis a vis False Cases in
Relation to Socio Legal position of accused in
India with special reference to Delhi”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



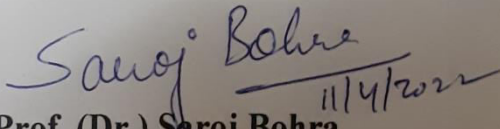
Shilpa Bhardwaj
Registrar

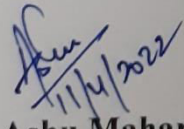
Om
President

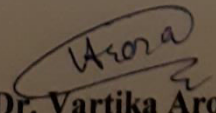
Arjun K Chauhan
Chairperson

CERTIFICATE

This to certify that thesis entitled "STRINGENT RAPE LAWS VIS A VIS FALSE CASES IN RELATION TO SOCIO LEGAL POSITION OF ACCUSED IN INDIA WITH SPECIAL REFERENCE TO DELHI" is submitted to the Amity University Rajasthan in partial fulfillment for the Degree of Doctor of Philosophy. The thesis embodies original research work carried out by Ms. Asha Rani Rawat (Enrolment No.: A21533417003) in the Amity Law School, Amity University Rajasthan Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma to any other University. The candidate has successfully completed the course work as per the University guidelines.


Prof. (Dr.) Saroj Bohra
Director, Amity Law School


Dr. Ashu Maharshi
Supervisor
Associate Professor
Amity Law School
Amity University, Jaipur


Dr. Vartika Arora
Co-Supervisor
Principal
Rajasthan School of Law for Women
Jaipur, Rajasthan

Date:



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DrillBit Similarity Report

8

SIMILARITY %

57

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

CATION	MATCHED DOMAIN	%	SOURCE TYPE
	ir-library.egerton.ac.ke	1	Publication
	lawcat.berkeley.edu	1	Publication
	erepo.usiu.ac.ke	1	Publication
	Black people and the criminal justice system prejudice and practice in later ei by King-2015	1	Publication
	citeseerx.ist.psu.edu	<1	Publication
	TWAIL An Epistemological Inquiry by Parmar-2008	<1	Publication
	iafmonline.in	<1	Publication
	pingpdf.com	<1	Internet Data
	www.penacclaims.com	<1	Publication
0	epdf.pub	<1	Internet Data
1	A material man The alchemy of money in J J Bechers writings by Harol-1996	<1	Publication
2	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
3	digitalcommons.law.seattleu.edu	<1	Publication

Enrolment No.: A21533417004



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Keshav Jha

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

**“Legal Hermeneutical Paradigm in
Mimansa Principles of Interpretation and
its Contemporary Application”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Amita Bhardwaj
Registrar

Arjun
President

Arjun K Chaudhary
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel. : 01426 - 405678
Fax : 01426 - 405679

CERTIFICATE

I certify that the thesis entitled **"Legal Hermeneutical Paradigm In Mimansa Principles Of Interpretation And Its Contemporary Application"** submitted for the Degree of Doctor of Philosophy by Mr. Keshav Jha (Enrolment No. **A21533417004**) is the original research work carried out by him during the period commencing from July 2017 to December 2021 under my guidance and supervision. The work is original and has not been submitted in part or full for the award of any other degree or diploma in any erstwhile University or Institution.

Prof. Dr. Saroj Bohra
Supervisor Dean &
Director Amity
Law School Amity
University Jaipur,
Rajasthan

Date: 25th April 2022



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DrillBit Similarity Report

4

SIMILARITY %

26

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	Nutritional assessment in an Asian nursing home and its association with mortality by Mar-2010	1	Publication
2	An Overview on Wireless Sensor Networks Technology and Evolution by Buratti-2009	1	Publication
3	Whats Wrong with it a by Joh-1967	<1	Publication
4	Giambattista Vico An International Symposiumby Giorgio Tagliacozzo Hayden V W by Revie-1972	<1	Publication
5	Differential effects of dietary protein on early life-history and morphological by Martins-2013	<1	Publication
6	A comparative evaluation of patient satisfaction outcomes in an interprofessiona by Lawrence-2015	<1	Publication
7	AUSTRALIA High Court of Australia by Internationa-1994	<1	Publication
8	Special Tribunal for Lebanon Interlocutory Decision on the Applicable Law Terr by MICHAEL-2011	<1	Publication
9	Students Approaches to Vocabulary Learning and Their Relationship to Success by Izabell-1999	<1	Publication
10	Social Security Policy and the Early Disability Movement--Expertise, Disability, by Millward-2014	<1	Publication



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./06/06


Date: 6th June, 2022

Provisional Degree Certificate

This is to certify that **Ms. Jitendra Shekhawat**, Enrolment No. **A21088416001** has been declared eligible for the award of Ph. D. degree in Clinical Psychology on the basis of the evaluation reports of the panel of examiners and her performance at the Viva Voce held on 11th May, 2022 in the **Amity Institute of Behavioural & Allied Sciences** at Amity University Rajasthan, Jaipur.

The title of her Ph. D. thesis is: "**A Study of Quality of Life, Body Image and Mental Health of Indian Educated Working Women and Housewives.**" She has completed her Ph. D. under the supervision of **Dr. Payal Kanwar Chandel**.

The degree will be conferred upon her at the forthcoming convocation of the University.


Dr. Nitin Bhardwaj
Registrar



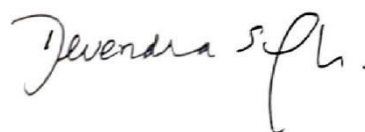
CERTIFICATE

This is to certify that the thesis entitled “**A STUDY OF QUALITY OF LIFE, BODY IMAGE AND MENTAL HEALTH OF INDIAN EDUCATED WORKING WOMEN AND HOUSEWIVES**” is an original work carried out by Jitendra Shekhawat under our supervision and guidance for the degree of Doctor of Philosophy in Clinical Psychology, Department of Amity Institute of Allied & Behavioural Science, Amity University Jaipur (Rajasthan).


We further certify that no part of this thesis has been submitted for any other degree to this or any other University/Institute.



Dr. Payal Kanwar Chandel
(Supervisor)



Prof. Devendra Singh Sisodia
(Co-Supervisor)



Dr. Vismita Paliwal
(Head of Institute)

(Amity Institute of Behavioural and Applied Science)



DrillBit Similarity Report

9

SIMILARITY %

18

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	Taking services to foreign markets A taxonomy of Brazilian service firms by Silva-2019	1	Publication
2	12th International Conference on Conservative Management of Spinal Deformities by Parent-2016	1	Publication
3	A Review on Quality of Life and Depression in Obsessive-Compulsive Disorder by Moritz-2008	1	Publication
4	Do brands make consumers happy- A masstige theory perspective by Kumar-2021	1	Publication
5	www.ncbi.nlm.nih.gov	1	Internet Data
6	Factors associated with decisional regret among patients undergoing major thorac by Wilson-2017	1	Publication
7	www.myvestige.com	<1	Internet Data
8	Director Share Ownership and Corporate Performance Evidence from Australia by Jonatha-1998	<1	Publication
9	www.jemds.com	<1	Publication
10	RHIZOSPHERE COMPETENCE, PLANT GROWTH PROMOTING ACTIVITIES AND DISEASE BY MOHLE, KAMLESH K 2017 - KRISHIKOSH	<1	Publication
11	www.ncbi.nlm.nih.gov	<1	Internet Data



AMITY UNIVERSITY

R A J A S T H A N

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./08/06


Date: 08th June, 2022

Provisional Degree Certificate

This is to certify that **Mr. Rajat Singh**, Enrolment No. **A20242318002** has been declared eligible for the award of Ph. D. degree in Food Technology on the basis of the evaluation reports of the panel of examiners and his performance at the Viva Voce held on 1st June, 2022 in the **Amity Institute of Biotechnology** at Amity University Rajasthan, Jaipur.

The title of his Ph. D. thesis is: "**Development of Simple and Rapid Colorimetric Method for Detection of Pesticide Residue in Food Product using Nanotechnology.**" He has completed his Ph. D. under the supervision of **Dr. Naveen Kumar**.

The degree will be conferred upon him at the forthcoming convocation of the University.


Dr. Nitin Bhardwaj
Registrar



CERTIFICATE

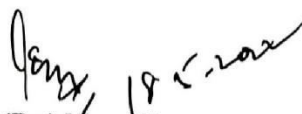
This is to certify that the thesis entitled "**Development of simple and rapid colorimetric method for detection of pesticide residue in food product using nanotechnology**" is submitted to the Amity University Rajasthan, Jaipur in partial fulfilment for degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Mr. Rajat Singh** in the Food Technology, Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full for the award of any degree or diploma, to any other university. The candidate has successfully completed the course work as per the University guidelines.



Dr. Naveen Kumar
(Advisor) Assistant Professor
Amity Institute of Biotechnology
Amity University Rajasthan, Jaipur
Rajasthan (India)



Professor (Dr.) Atul Thakur
(Co-Advisor) Director
Centre of Nanotechnology,
Amity University Haryana, Gurgaon
Haryana (India)



Professor (Dr.) Vinay Sharma
Director
Amity Institute of Biotechnology
Amity University Rajasthan, Jaipur (Raj.)

Date:



DrillBit
Art Program Software

DrillBit Similarity Report

10

SIMILARITY %

33

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	www.ncbi.nlm.nih.gov	2	Internet Data
2	www.researchgate.net	1	Internet Data
3	www.researchgate.net	1	Internet Data
4	Analysis of tomato matrix effect in pesticide residue quantification through QuE by Domnguez-2014	1	Publication
5	Aspergillus species strain m39 produces two naphtho--pyrones that reverse drug by Shun-Ich-1990	1	Publication
6	Diversity favours the old Metrics of avian diversity increase in aging regrowth by Doochan-2019	1	Publication
7	www.ncbi.nlm.nih.gov	<1	Internet Data
8	sapi.x-mol.com	<1	Internet Data
9	Intercalation of mesoporous carbon spheres between reduced graphene oxide sheets by Lei-2011	<1	Publication
10	www.annexpublishers.com	<1	Publication
11	Frothing of Detergents in the Presence of Carbohydrates, Proteins, and Fats by Gai-1961	<1	Publication
12	Studies on the electrochemical stability of (100) preferentially oriented Pt pre by Liu-2016	<1	Publication



AMITY UNIVERSITY

— R A J A S T H A N —

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./09/06

Date: 9th June, 2022

Provisional Degree Certificate

This is to certify that **Ms. Urvi Panwar**, Enrolment No. **A20283516002** has been declared eligible for the award of Ph. D. degree in Biotechnology on the basis of the evaluation reports of the panel of examiners and her performance at the Viva Voce held on 6th June, 2022 in the **Amity Institute of Biotechnology** at Amity University Rajasthan, Jaipur.

The title of her Ph. D. thesis is: "**Expression Analysis of Suppressors of Cytokine Signaling (SOCS) Protein Family during Neural Cell Differentiation from Human Mesenchymal Stem Cells.**" She has completed her Ph. D. under the supervision of Prof. (Dr.) S. L. Kothari.

The degree will be conferred upon her at the forthcoming convocation of the University.


Dr. Nitin Bhardwaj
Registrar





AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel: 01426-405678/405629,
Fax: 01426-405679

CERTIFICATE

This is to certify that **Ms. Urvi Panwar** has worked under our supervision for her Ph.D. thesis entitled **"Expression Analysis of Suppressors of Cytokine Signaling (SOCS) Protein Family during Neural Cell Differentiation from Human Mesenchymal Stem Cells"**. She has fulfilled all requirements for the submission of thesis to pursue further the degree of Doctor of Philosophy. This is original work, and it has not been submitted in part or full for any degree of any university.

Prof. (Dr.) S.L. Kothari
Supervisor
Amity University Rajasthan

Prof. (Dr.) Kanjaksha Ghosh
Co-supervisor
Surat Raktadan Kendra and
Research Centre,
Surat

Prof. Vinay Sharma
Director
Amity Institute of Biotechnology
Amity University Rajasthan



DrillBit
Anti Plagiarism Software

The Report is Generated by DrillBit Plagiarism Detection Software

Submission Information

Author Name	Urvi Panwar
Title	Full thesis
Submission/Paper ID	410241
Submission Date	16-Nov-2021 04:30:04
Total Pages	208
Total Words	38997

Result Information

Similarity	5 %
Unique	95 %
Internet Sources	1 %
Journal/Publication Sources	3 %
Total content under 'References'	2 %

Exclude Information

References/Bibliography	Excluded
Quotes	Not Excluded
Sources: Less than 14 Words Similarity	Excluded



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./23/06-01

Date: 23rd June, 2022

Provisional Degree Certificate

This is to certify that **Ms. Isha Khanna**, Enrolment No. **A21533417001** has been declared eligible for the award of Ph. D. degree in Law on the basis of the evaluation reports of the panel of examiners and her performance at the Viva Voce held on 8th June, 2022 in the **Amity Law School** at Amity University Rajasthan, Jaipur.

The title of her Ph. D. thesis is: "**An Analytical Study of Legal Aspects of Hate Crimes Victimization and It's Judicial Trends in India.**" She has completed her Ph. D. under the supervision of **Dr. Rajni Parmar**.

The degree will be conferred upon her at the forthcoming convocation of the University.



Dr. Nitin Bhardwaj
Registrar



AMITY UNIVERSITY RAJASTHAN

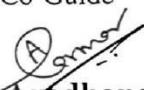
CERTIFICATE

This is to certify that thesis entitled "**An Analytical Study On The Legal Aspects Of Victimization For Hate Crime And Its Legal Trends In India**", is submitted to the Amity University Rajasthan in partial fulfilment for the degree of Doctor of Philosophy in Law. The thesis embodies original research work carried out by **Isha Khanna** Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide


Dr. Rajni Parmar
Assistant Professor
Govt. Law College, Bundi
Rajasthan

Co-Guide


Prof. (Dr.) Aradhana Parmar
Dean, Faculty of Law
Maharishi Arvind University
Jaipur, Rajasthan-302041


Director/Coordinator/HoI

Date:



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MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	5	www.nejrs.gov	1	Publication
2.	11	library.co	<1	Internet
3.	18	s3-eu-west-2.amazonaws.com	<1	Publication
4.	27	Consequentialist Defences of Liberal Neutrality by Simo- [99]	<1	Publication.
5.	10	The Supreme Court and Public Schools by Jame-2000	<1	Publication.
6.	33	www.theiacp.org	<1	Publication
7.	6	Relocating high-tech industries to emerging markets case of pharmaceutical indu by Mohiuddin-2017	<1	Publication.
8.	15	Aligarh Muslim University Paper - www.inflibnet.ac.in	<1	Student Papper
9.	2	www.nejrs.gov	<1	Publication
10.	83	www.medicolegalupdate.org	<1	Publication



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./23/06-02

Date: 23rd June, 2022

Provisional Degree Certificate

This is to certify that **Ms. Myriam Baibout**, Enrolment No. **A22532015001** has been declared eligible for the award of Ph. D. degree in Biotechnology on the basis of the evaluation reports of the panel of examiners and her performance at the Viva Voce held on 13th June, 2022 in the **Amity Institute of Biotechnology** at Amity University Rajasthan, Jaipur.

The title of her Ph. D. thesis is: "**Ecology of *Prosopis cineraria* (L.) Druce, dryland model tree and investigation of its intraspecific genetic structure in Rajasthan.**" She has completed her Ph. D. under the supervision of **Prof. (Dr.) S. L. Kothari**.

The degree will be conferred upon her at the forthcoming convocation of the University.

NR



Dr. Nitin Bhardwaj
Registrar



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel: 01426-405678/405629,
Fax: 01426-405679

CERTIFICATE

This certifies that the thesis entitled "**Ecology of *Prosopis cineraria* (L.) Druce, dryland model tree and investigation of its intraspecific genetic structure in Rajasthan**" presented at Amity University Rajasthan, in partial completion for the degree of Doctor of Philosophy, contains original research work carried out by **Mrs. Myriam Baibout** at Amity University Rajasthan, Jaipur, under our supervision. This work has not been submitted in whole or in part for the award of another degree or diploma to another university. The candidate has successfully completed the coursework in accordance with university guidelines.

Prof S L Kothari
Supervisor

Dr Virgil Fievet
Co-Supervisor

Prof Vinay Sharma
Director

Amity Institute of Biotechnology
Amity University Rajasthan



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3

SIMILARITY %

48

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	EXPLORING THE LITERATURE ON PROSOPIS CINERARIA LINN FOR ITS THERAPEUTIC POTENTI by Islam-2019	<1	Publication
2	www.fs.fed.us	<1	Publication
4	globalresearchonline.net	<1	Publication
5	DEVELOPMENT OF DROUGHT RESPONSIVE EXPRESSED SEQUENCE TAG AESTA LIBRAR by PHAM HONG DIEP -2011 , Krishikosh	<1	Publication
6	Creative Determinism and the Claim to Intellectual Property by Risser-2010	<1	Publication
7	en.wikipedia.org	<1	Internet Data
8	A few north Appalachian populations are the source of European black locust by Bouteiller-2019	<1	Publication
9	www.researchgate.net	<1	Internet Data
10	www.frontiersin.org	<1	Publication
11	Comparison of human papillomavirus type 16 replication in tonsil and foreskin ep by Israr-2016	<1	Publication
12	www.fs.fed.us	<1	Publication



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./23/06-04

Date: 23rd June, 2022

Provisional Degree Certificate

This is to certify that **Mr. Hariom**, Enrolment No. **A22531319003** has been declared eligible for the award of Ph. D. degree in Physics on the basis of the evaluation reports of the panel of examiners and her performance at the Viva Voce held on 15th June, 2022 in the **Amity School of Applied Sciences** at Amity University Rajasthan, Jaipur.

The title of his Ph. D. thesis is: "**Synthesis and Characterization of Nanoferrites, BaTiO₃ and their Nanocomposites for Reducing Gas Sensor.**" He has completed his Ph. D. under the supervision of **Dr. Deepshikha Rathore**.

The degree will be conferred upon him at the forthcoming convocation of the University.




Dr. Nitin Bhardwaj
Registrar

CERTIFICATE

This is to certify that thesis entitled "**Synthesis and Characterization of Nanoferrites, BaTiO₃ and their Nanocomposites for Reducing Gas Sensor**", is submitted to the Amity University Rajasthan in partial fulfilment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Hariom** in Amity School of Applied Sciences, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Guide



Co-Guide

Date: 06/06/2022


Director/Coordinator/HoI



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it Similarity Report

10

SIMILARITY %

34

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Downgrade (41-60%)

D-Unacceptable (61-100%)

DOMAIN	MATCHED DOMAIN	%	SOURCE TYPE
	www.dx.doi.org	1	Publication
	www.researchgate.net	1	Internet Data
	www.dx.doi.org	<1	Publication
	www.dx.doi.org	1	Publication
	Stimulation of Apical Sodium-Dependent Bile Acid Transporter Expands the Bile Ac by Rudling-2015	1	Publication
	Structural, Magnetic and Dielectric Properties of $\text{Ni}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ ($x = 0.05$ and 1) by Rathore-2013	1	Publication
	Effect of 3 years of SAFE (surgery, antibiotics, facial cleanliness), and environ by Jeremia-2006	1	Publication
	jlb.onlinelibrary.wiley.com	<1	Internet Data
	Adsorptive separation of some metal ions by complexing agent types of chemically by Katsutoshi-1999	<1	Publication
	Magnetic CuFe_2O_4 nanoparticles by Sharmistha et al. 2020	<1	Publication
	Physicochemical properties of CuFe_2O_4 nanoparticles as a gas sensor by Rathore-2017	<1	Publication
	www.jstage.jst.go.jp	<1	Publication



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— R A J A S T H A N —

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

No. : AUR/Ph.D./23/06-03

Date: 23rd June, 2022

Provisional Degree Certificate

This is to certify that **Ms. Manisha Kumari**, Enrolment No. **A22531416001** has been declared eligible for the award of Ph. D. degree in Physics on the basis of the evaluation reports of the panel of examiners and her performance at the Viva Voce held on 15th June, 2022 in the **Amity School of Applied Sciences** at Amity University Rajasthan, Jaipur.

The title of her Ph. D. thesis is: "**Synthesis and Characterization of BaTiO₃/Ferrites Based Nanocomposites for Gas Sensing Application.**" She has completed her Ph. D. under the supervision of **Dr. Umesh Kumar Dwivedi**.

The degree will be conferred upon her at the forthcoming convocation of the University.

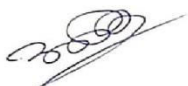


Dr. Nitin Bhardwaj
Registrar

Certificate

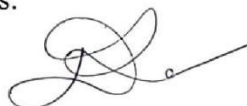
This is to certify that thesis entitled “**Synthesis and characterization of BaTiO₃/ferrites based nanocomposites for gas sensing application**”, is submitted to the Amity University Rajasthan in partial fulfilment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Manisha Kumari** in the Institute/School/Centre **Amity School of Applied Sciences**, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide



Dr. Umesh Kumar Dwivedi

ASAS, AUR, Jaipur



Co-Guide

Dr. Deepshikha Rathore

ASAS, AUR, Jaipur


Director/Coordinator/Hol

Date: 15/06/22





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Submission Information

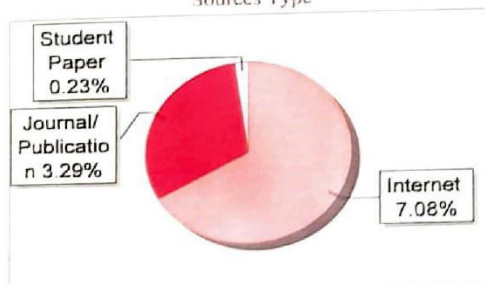
Author Name	Manisha Sheoran
Title	Full Thesis
Paper/Submission ID	433378
Submission Date	2021-12-20 13:11:58
Total Pages	111
Document type	Thesis

Result Information

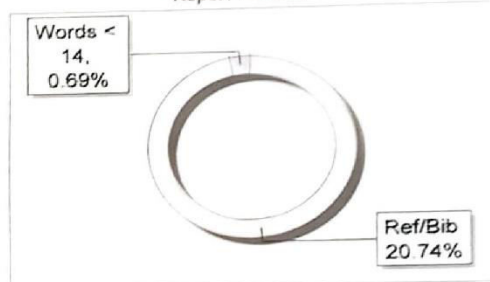
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Sources Type



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Exclude Information

Quotes	Not Excluded
References/Bibliography	Excluded
Sources: Less than 14 Words Similarity	Excluded
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Enrolment No.: A22492117001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Mehak Manzoor

the degree of

**Doctor of Philosophy
(Microbiology)**

on the thesis titled :

**“Studies on the Development of Moringa and
Black Carrot Based Matrices for the Delivery of
Iron and Zinc with Probiotics”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shikha Bhardwaj
Registrar

Neeraj
President

Arjun K Chaudhary
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel. : 01426 - 405678
Fax : 01426 - 405679

CERTIFICATE

This is to certify that this thesis entitled "**Studies on the Development of Moringa and Black Carrot Based Matrices for the Delivery of Iron and Zinc with Probiotics**" is submitted to the Amity University Rajasthan in partial fulfilment of for the degree of Doctor of Philosophy in Microbiology. The thesis embodies original research work carried out by **Ms. Mehak Manzoor** in the Amity Institute of Microbial Technology, Amity University Rajasthan under our guidance has not been submitted in part or full for the award any degree, to any other university. The candidate has successfully completed the course work as per the university guidelines.

Dr. Deepansh Sharma
(Supervisor)
Assistant Professor
Amity Institute of Microbial Technology
Amity University Rajasthan
Jaipur, INDIA

Dr. Deepansh Sharma
Assistant Professor
Amity Institute of Microbial Technology
Amity University, Rajasthan (Jaipur)
Kant Kalwar, 303002

Dr. Shilpa Vij
(Co-Supervisor)
Principal Scientist
Dairy Microbiology Division
ICAR-National Dairy Research Institute
Karnal, INDIA

DR. SHILPA VIJ
Principal Scientist
Dairy Microbiology Division
NDRI, KARNAL

Prof. (Dr.) G K Aseri
Director
Amity Institute of Microbial Technology
Amity University Rajasthan, Jaipur, INDIA

DIRECTOR
Amity Institute of Microbial Technology
Amity University Rajasthan
Kant Kalwar, NH-11 C, Jaipur (Raj.)-303002



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7

SIMILARITY %

76

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-U pgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
5	www.sciencedirect.com	<1	Internet
1	www.ijnjnd.com	<1	Internet
4	Evolution of Phenolic Composition During Barrel and Bottle Aging by Aleixandre-Tudo-2020	<1	Publication
2	extension.colostate.edu	<1	Internet
8	Lactic Acid Fermentation of <i>Anthrospira platensis</i> (Spirulina) in a Vegetal Soybe by Niccolai-2020	<1	Publication
39	Antioxidant and Antimicrobial Activities of (-)-Epigallocatechin-3-gal by Nikoo-2018	<1	Publication
14	www.ncbi.nlm.nih.gov	<1	Internet
36	Evaluation of dietary fat sources on growth performance, excreta microbiology an by A-2017	<1	Publication
31	Bioutilisation of agro-industrial waste for lactic acid production by Panesar-2015	<1	Publication

Enrolment No.: A22492116001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Pratima Bhagat

the degree of

**Doctor of Philosophy
(Microbiology)**

on the thesis titled :

**“Stimulation of Terpene Indole Alkaloid Production
in the Hairy Root Culture of *Rauwolfia Serpentina* L. by Elicitors”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shiv Bhardwaj
Registrar

Pratima Bhagat
President

Arjun K. Chaudhary
Chairperson



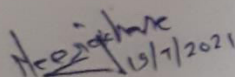
AMITY UNIVERSITY

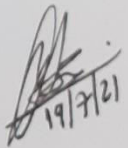
RAJASTHAN

Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel : 01426 - 405678
Fax : 01426 - 405679

Certificate

This is to certify that thesis entitled “Stimulation of terpene indole alkaloid production in the hairy root culture of *Rauwolfia serpentina* L. by elicitors” is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out **Ms. Pratima Bhagat (A22492116001)** in the Amity Institute of Microbial Technology, Amity University Rajasthan, Jaipur (India)-303002 under our guidance and has not been submitted in part or full for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Dr Neeraj Khare
Guide
Asst. Prof.,
Amity Institute of Microbial Technology,
Amity University Rajasthan
Jaipur, Rajasthan, (India)


Prof. (Dr) G. K. Aseri
Director
Amity Institute of Microbial Technology,
Amity University Rajasthan,
Jaipur, Rajasthan, (India)

Date: -

9

SIMILARITY %

69

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
4	www.isgpb.org		5	Publication
6	Enhancement of phenylpropanoid accumulation in tartary buckwheat hairy roots by Li-2020		<1	Publication
23	www.phcogrev.com		<1	Publication
9	Effects of Streptomyces pactum Act12 on Salvia miltiorrhiza Hairy Root Growth and Ta by Yan-2014		<1	Publication
2	Investigation on Secondary Metabolite Production Through Agrobacterium by Mishra, Bhanupri - 2012, krishikosh		<1	Publication
17	Atmospheric pressure chemical ionization source as an advantageous technique for by Niu-2020		<1	Publication
15	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in		<1	Publication
24	www.doaj.org		<1	Publication

Enrolment No.: A21533416008



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Pratima Soni

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

**“A Study of Impact of Goods and Services Tax Law
with reference to E-Commerce Industry in India”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



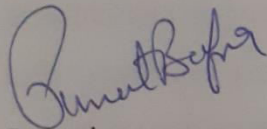
Shilpa Bhardwaj
Registrar

Pratima Soni
President

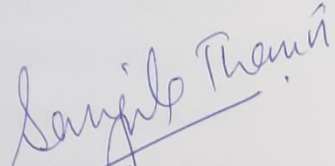
Arjun K Chaudhary
Chairperson

CERTIFICATE

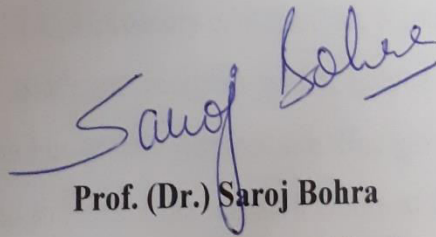
This is to certify that thesis entitled “A STUDY OF IMPACT OF GOODS AND SERVICES TAX LAW WITH REFERENCE TO E-COMMERCE INDUSTRY IN INDIA” is submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Pratima Soni** in the Amity Law School, Amity University Rajasthan, Jaipur under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Supervisor
Dr. Puneet Bafna
Associate Professor



Co-Supervisor
Dr. Sanjula Thanvi
Associate Professor



Prof. (Dr.) Saroj Bohra
Director, Amity Law School

Date: 23/7/2021

Turnitin Similarity Report

9

85

A

A-Satisfactory (0-10%)

B-U pgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SIMILARITY %

MATCHED SOURCES

GRADE

No.	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
15		pezzottaitejournals.net	<1	Publication
13		www.allresearchjournal.com	<1	Internet
27		mitratheaters.com	<1	Internet
39		www.cbic.gov.in	<1	Publication
16		mitratheaters.com	<1	Internet
25		bejur.ir	<1	Internet
24		www.blissproductionsny.com	<1	Internet
31		Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
52		www.cbic.gov.in	<1	Publication
12		giapjournals.com	<1	Publication
6		roundup.manupatra.in	<1	Internet

Enrolment No.: A21832718003



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Shafaat Hussain Bhat

the degree of

**Doctor of Philosophy
(English)**

on the thesis titled :

**“The Shiite Interpretation of Women in Islam:
A Theoretical and Socio-historical Perspective
with Special Reference to Morteza Mutahhari’s Writings”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shikha Bhardwaj
Registrar

Praveen
President

Anam K Chaudhary
Chairperson



AMITY UNIVERSITY

— RAJASTHAN —

CERTIFICATE

This is to certify that the thesis entitled **“The Shiite Interpretation of Women in Islam: A Theoretical and Socio-historical Perspective with Special Reference to Morteza Mutahhari’s Writings”**, submitted by **Shafaat Hussain Bhat** in fulfillment of the degree of Doctor of Philosophy in English to Amity University Rajasthan, is a record of bonafide research work carried out by him under our guidance and the results embodied in the thesis have not been submitted to any other University or Institute for the award of any degree. The candidate has put in the required attendance and has successfully completed the course work as per the University guidelines.

Prof (Dr.) Dipa Chakrabarti
Supervisor

Prof. (Dr.) Muzaffar Alam
Co-Supervisor

Prof (Dr.) Dipa Chakrabarti
Director/Coordinator/
HoI, Amity School of Languages

Date: 17/08/2021



DrillBit Similarity Report

5

SIMILARITY %

83

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	10	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
2.	30	pdfcoffee.com	<1	Internet
3.	45	pu.edu.pk	<1	Publication
4.	2	angrau.ac.in	<1	Publication
5.	46	montessori.ee	<1	Internet
6.	15	www.ijirmf.com	<1	Publication
7.	37	www.inventivewebtrack.com	<1	Internet
8.	36	chem.tufts.edu	<1	Internet
9.	64	www.al-islam.org	<1	Internet
10.	43	www.ijhssnet.com	<1	Publication
11.	42	www.arabianjbmr.com	<1	Publication

Enrolment No.: A20283615001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Harpreet Singh

the degree of

**Doctor of Philosophy
(Molecular Biology)**

on the thesis titled :

**“Structural and Functional Studies of
Protein Drug Targets from *Enterococcus Faecalis*”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Atish Bhardwaj
Registrar

Om
President

Arjun K Chaudhary
Chairperson



AMITY UNIVERSITY

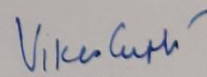
RAJASTHAN

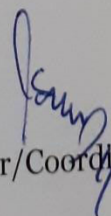
Kant Kalwar, NH-11C,
Jaipur (Rajasthan), 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that the thesis entitled "**Structural and Functional Studies of Protein Drug Targets from *Enterococcus faecalis***" is submitted to the Amity University Rajasthan, Jaipur in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Mr. Harpreet Singh** in the Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Guide


Co-Guide


Director/Coordinator/HOI

Date: 11/8/21



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40

SIMILARITY %

50

MATCHED SOURCES

B

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

S.No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	1	In search of novel protein drug targets for treatment of by Singh-2019	24	Publication
2.	28	link.springer.com	1	Internet
3.	26	www.ncbi.nlm.nih.gov	1	Internet
4.	10	benthamopen.com	1	Internet
5.	30	docksci.com	1	Internet
6.	21	Structural basis for redox sensitivity in Corynebacterium glutamicum d by Sagong-2017	<1	Publication
7.	3	www.ncbi.nlm.nih.gov	<1	Internet
8.	15	Comparative Genomics of Enterococci Variation in Enterococcus faecali by Palmer-2012	<1	Publication
9.	27	www.medscape.com	<1	Internet

Enrolment No.: A21533414002



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Bineet Kedia

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

“Child’s Right to Food :

Integrated Child Development Services and Beyond”

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shilpa Bhardwaj
Registrar

Neeraj
President

Arjun K. Chaudhary
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel : 01426-405678
Fax : 01426-405679

Certificate

This is to certify that thesis entitled "CHILD'S RIGHT TO FOOD: INTEGRATED CHILD DEVELOPMENT SERVICES AND BEYOND", is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Mr. Bineet Kedia in the Amity Law School, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide
Dr. Govind Singh Rajpal
Amity University Rajasthan

Co-Guide
Prof. (Dr.) Saroj Bohra
Amity University Rajasthan

Date: 23/8/2021

Prof. (Dr.) Saroj Bohra
Director, ALS



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SIMILARITY %

79

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
2	www.cesr.org	1	Publication
35	educationdocbox.com	<1	Internet
1	Integrated Child Development Services Scheme by Kapoor-1979	<1	Publication
8	inba.info	<1	Internet
21	newsroom.manupatra.com	<1	Internet
11	lawsisto.com	<1	Publication
13	nome.unak.is	<1	Internet
47	cain.ulst.ac.uk	<1	Publication
38	A new interministerial strategy for the promotion of healthy eating i, by Graa, Pedro Greg- 2018	<1	Publication
9	redlike.site	<1	Internet

Enrolment No.: A21832718001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Rahul Tanwar

the degree of

**Doctor of Philosophy
(English)**

on the thesis titled :

**“A Critical Study of Cityscape in the
Select Works of Jeet Thayil and Gregory David Roberts”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Xitru Bhardwaj
Registrar

Ravi
President

Arjun K Chaudhary
Chairperson

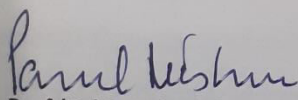


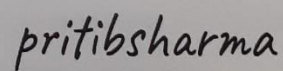
AMITY UNIVERSITY

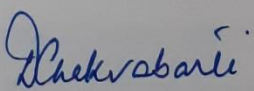
— RAJASTHAN —

CERTIFICATE

This is to certify that the thesis entitled "*A Critical Study of Cityscape in the Select Works of Jeet Thayil and Gregory David Roberts*" submitted by **Mr Rahul Tanwar** in fulfillment of the degree of Doctor of Philosophy in English to Amity University Rajasthan, is a record of bonafide research work carried out by him under our guidance and the results embodied in the thesis have not been submitted to any other University or institute for the award of any degree. The candidate has put in the required attendance and has successfully completed the course work as per the University guidelines.


Prof (Dr) Parul Mishra
Guide


Dr Priti Bala Sharma
Co-Guide


Prof (Dr) Dipa Chakrabarti
Director/Coordinator/
Hol, Amity School of Languages

Date: 03/05/2021

DrillBit Similarity Report

9

SIMILARITY %

38

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	6	iAnatolia and Other Storiesi (review), by Baker, Sybil-2011	<1	Publication
2.	5	The Expanses of Sustainability and the Limits of Privatarianism by Joh-1997	<1	Publication
3.	35	Existential concerns for people with motor neurone disease Who is lis by Harris-2016	<1	Publication
4.	2	Low-frequency electromagnetic scattering by a metal torus in a lossles by Vafeas-2016	<1	Publication
5.	14	cscanada.net	<1	Publication
6.	18	www.revistaespacios.com	<1	Publication
7.	17	courseworkhelpwithexcellentsassignment.wordpress.com	<1	Internet
8.	11	artsdocbox.com	<1	Internet
9.	1	www.ncbi.nlm.nih.gov	<1	Internet

Enrolment No.: A20217315004



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Aunjum Reyaz

the degree of

**Doctor of Philosophy
(Food Technology)**

on the thesis titled :

**“Evaluation of Psyllium Seed for Physical, Physicochemical,
Thermal and Structural Properties and Development of
Functional Foods using Psyllium”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



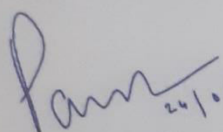
Alita Bhardwaj
Registrar

Neeraj
President

Arjun K Chaudhary
Chairperson

CERTIFICATE

This is to certify that thesis entitled "Evaluation of Psyllium Seed for Physical, Physico-chemical, Thermal and Structural Properties and Development of Functional Foods", is submitted to the **Amity University Rajasthan** in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Aunjum Reyaz** in the **Food Technology, Amity University Rajasthan, Jaipur** under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



24/06/2021

Dr. Paras Sharma
Supervisor

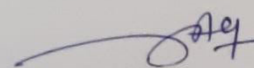
Assistant Professor
Amity Institute of Biotechnology

Present Position:

Scientist-C

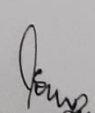
Food Chemistry Division

ICMR-National Institute of Nutrition
Hyderabad, Telangana-500007, India



Dr. Showkat Ahmad Ganie
Co-Supervisor

Assistant Professor
Department of Clinical Biochemistry
University of Kashmir
Hazaratbal, Srinagar,
J&K-190006, India



Dr. Vinay Sharma
Director

Amity Institute of Biotechnology (AIB)
Kant Kalwar, N-H-11C,
Jaipur Rajasthan-303007

Date: 12/5/2021



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13

SIMILARITY %

76

MATCHED SOURCES

B

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	1	www.foodandnutritionjournal.org	7	Internet
2.	61	Antioxidant and polyphenol oxidase activity of germinated barley and i by Para-2010	<1	Publication
3.	10	Effect of sand roasting and microwave cooking on antioxidant activity by Para-2011	<1	Publication
4.	15	Development of Jackfruit seed flour by different methods by Deshmukh - 2014 krishikosh.egranth.ac.in	<1	Publication
5.	35	Gamma irradiation induced modification of bean polysaccharides Impact on physic by Hussain-2014	<1	Publication
6.	14	www.researchgate.net	<1	Internet
7.	23	article.sciencepublishinggroup.com	<1	Publication
8.	42	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication

Enrolment No.: A21753613002



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sameer Saxena

the degree of

**Doctor of Philosophy
(Information Technology)**

on the thesis titled :

**“Design and Enhancement of Algorithm to
Identify Benign and Malignant Tumor in Mammogram Images
using Convolutional Neural Network”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shiv Bhardwaj
Registrar

Neeraj
President

Arun K Chaudhary
Chairperson



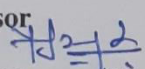
AMITY UNIVERSITY RAJASTHAN

Kant Kalwar, NH-11C
Jaipur (Rajasthan) 303002
Tel : 01426-405678
Fax: 01426-405678

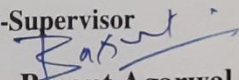
CERTIFICATE

This is certify that thesis entitled “**Design and Enhancement of Algorithm to Identify Benign and Malignant Tumor in Mammogram Images Using Convolutional Neural Network**”, is submitted to Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Sameer Saxena** in the Department of Information Technology, AIIT, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per university guidelines.

Supervisor


Dr. Yudhveer Singh
AIIT, Amity University
Rajasthan, Jaipur

Co-Supervisor


Dr. Basant Agarwal
CSE, AIIT
Kota, Rajasthan


Coordinator

Prof. (Dr.) Swapnesh Taterh
Amity Institute of Information Technology
Amity University Rajasthan, Jaipur, India





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SIMILARITY %

80

MATCHED SOURCES

B

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
3	www.ijeat.org		6	Publication
12	www.mecs-press.org		<1	Publication
29	A deep feature based framework for breast masses classification by Jiao-2016		<1	Publication
66	archive.org		<1	Internet
38	business.baylor.edu		<1	Publication
42	business.baylor.edu		<1	Publication
7	business.baylor.edu		<1	Publication
8	moam.info		<1	Internet
19	business.baylor.edu		<1	Publication
5	Bounded Self-Weights Estimation Method for Non-Local Means Image Denoi by Nguyen-2017		<1	Publication

Enrolment No.: A22531816003



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Puneet Krishna Sharma

the degree of

**Doctor of Philosophy
(Mathematics)**

on the thesis titled :

**“Comparison of Hypergeometric Series and
Basic Hypergeometric Series and Its Applications”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Alitu Bhardwaj
Registrar

Puneet
President

Anam K Chaudhary
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**Comparison of Hypergeometric Series and Basic Hypergeometric Series and its Applications**” is submitted to **Amity University Rajasthan** in partial fulfillment for the award of the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Puneet Krishna Sharma** in the **Department of Applied Mathematics, Amity School of Applied Sciences, Amity University, Jaipur** under our guidance and it has not been part or full, for the award of any degree or diploma, to any other university. The candidate has successfully completed the course work as per the university guidelines.

Supervisor:

Dr. Harsh Vardhan Harsh

Department of Applied Mathematics
Amity School of Applied Sciences
Amity University, Jaipur

Co-Supervisor:

Dr. Ashok Singh Shekhawat

Professor
Department of Mathematics
Jaipur Engineering College and
Research Centre, Jaipur

Prof. Dr. Jagdish Prasad

Director / Coordinator / HOI

Date:



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SIMILARITY %

37

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

no	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
31	www.jgrma.info		<1	Publication
3	On a New Class of Laplace-Type Integrals Involving Generalized Hypergeometric Fu by Koepf-2019		<1	Publication
20	www.jgrma.info		<1	Publication
9	core.ac.uk		<1	Publication
16	Class of Integrals Involving Generalized Hypergeometric Function and Srivastava by Suthar-2017		<1	Publication
34	www.arxiv.org		<1	Publication
18	downloads.hindawi.com		<1	Publication
8	mat76.mat.uni-miskolc.hu		<1	Publication
28	www.ijmtjournal.org		<1	Publication
14	Isogeometric boundary element for analyzing steady-state heat conduction problem by Zang-2020		<1	Publication

Enrolment No.: A20436415017



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Rishi Dewangan

the degree of

**Doctor of Philosophy
(Mechanical Engineering)**

on the thesis titled :

**“Development and Characterization of Composite Material using
Industrial Waste (Red Mud) and Bio-sorbent”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Alit Bhardwaj
Registrar

Om
President

Arjun K Chaurhan
Chairperson

CERTIFICATE

This is to certify that thesis entitled “**DEVELOPMENT AND CHARACTERIZATION OF COMPOSITE MATERIAL USING INDUSTRIAL WASTE (RED MUD) AND BIO-SORBENT**”, is submitted to Amity University Rajasthan, Jaipur in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. RISHI DEWANGAN** in Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur-303002 under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Guide

Dr. Pankaj Kumar Pandey

Amity University Rajasthan,

Jaipur



Co-Guide

Dr Rajeev Dohare

Malaviya National Institute

of Technology, Jaipur



Director/Coordinator/HoI

Date: 8-OCT-2021



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SIMILARITY %

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MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SL.No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	8	A review on monolithic and hybrid metalmatrix composites reinforced by Arora-2017	<1	Publication
2.	1	inpressco.com	<1	Publication
3.	33	kubanni.abu.edu.ng	<1	Publication
4.	42	Experimental investigation on mechanical properties and wear character by Vadivel-2020	<1	Publication
5.	40	Mechanical properties of aluminium metal matrix composites-A review by Chakrapani-2020	<1	Publication
6.	50	Assessing CO 2 emissions in Chinas iron and steel industry A nonparametric ad by Xu-2017	<1	Publication.
7.	2	Developments in the aluminum metal matrix composites reinforced by mic by Bhoi-2019	<1	Publication
8.	3	inpressco.com	<1	Publication

Enrolment No.: A20030316004



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Shikha Panwar

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“The Impact of Smartphone Usage on
Employee Engagement in Higher Educational Institutions”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shikha Bhardwaj
Registrar

Neeraj
President

Anam K Chaudhary
Chairperson



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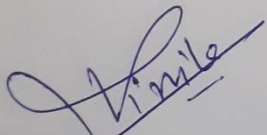
RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

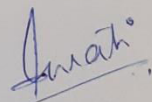
CERTIFICATE


This is to certify that thesis entitled "**The Impact of Smartphone Usage on Employee Engagement in Higher Educational Institutions**" is submitted in the Amity School of Engineering and Technology at Amity University Rajasthan, Jaipur in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Shikha Panwar** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university.

Guide


Prof. (Dr.) Vinita Agrawal
Director Distance Education
Amity Business School
Amity University Rajasthan
Jaipur

Co-Guide


(Dr.) Swati Jain
Poornima University
Rajasthan


Director

Amity Business School
Amity University Rajasthan, Jaipur



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Similarity Report

3

SIMILARITY %

52

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

Rank	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	1	ilkogretim-online.org	<1	Internet
2.	6	files.eric.ed.gov	<1	Publication
3.	16	Job satisfaction, work commitment and intention to leave among pharmacists a cr by Al-Muallem-2019	<1	Publication
4.	7	Relationship between student profile, tool use, participation, and academic perf by Fonseca-2014	<1	Publication
5.	3	Students, Mobile Devices and Classrooms A comparison of US and Arab Undergradua by Mohamma-2017	<1	Publication
6.	11	Building a virtual research and teaching community by Pitt-Catsouphe-2005	<1	Publication
7.	2	A Preliminary Study of the Factors that Influence College Student Perceptions of by Ricketts-2007	<1	Publication
8.	15	High Performance Work Practices and Firm Performance A Longitudinal Case Study by Olg-2012	<1	Publication

Enrolment No.: A21030414001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Vasudha Dahiya

the degree of

**Doctor of Philosophy
(Psychology)**

on the thesis titled :

**“Role of Appreciative Inquiry in
Effective Management”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Alvin Bhardwaj
Registrar

Neeraj
President

Arjun K Chandra
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that the thesis entitles "**Role of Appreciative Inquiry in Effective Management**" submitted for the fulfillment for the completion of doctorate (Ph.D.) in Psychology at Amity Institute of Behavioral and Allied Sciences, Amity University, Rajasthan is a record of bonafide investigation carried out by Ms. Vasudha Dahiya under our supervision. This is the original piece of work and part of this project has not been submitted elsewhere for any other degree or diploma to the best of my knowledge. All the assistance and help received during the course of research has been fully acknowledged. In our opinion, this work is suitable for the presentation in fulfillment for the award of the degree of doctorate in psychology.

Dr. Vismata Paliwal

(Supervisor)

Associate Professor and Coordinator

Amity Institute of Behavioural
and Allied Sciences

Amity University Rajasthan, Jaipur

Dr. Anjali Ahuja

(Co-Supervisor)

Assistant Professor

Department of Management

DAV Institute of Management

Faridabad



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Submission Information

Author Name	VasudhaDahiya
Title	The Role of Appreciative Inquiry in Effective Management
Original File Name	685_21658
Submission/Paper ID	176374
Submission Date	04-Nov-2020 03:06:42
Total Pages	157
Total Words	44867

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References/Bibliography	Excluded
Quotes	Not Excluded
Sources: Less than 14 Words Similarity	Not Excluded

Enrolment No.: A20436417003



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Katyayani Kashyap

the degree of

Doctor of Philosophy
(Electronics and Communication Engineering)

on the thesis titled :

**“An Optimized Spreading Code Algorithm Using
Modified Differential Evolution for Wireless Communication”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Xitru Bhardwaj
Registrar

Neeraj
President

Arun K Chandra
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel. : 01426 - 405678
Fax : 01426 - 405679

CERTIFICATE

This is to certify that the thesis titled “AN OPTIMIZED SPREADING CODE ALGORITHM USING MODIFIED DIFFERENTIAL EVOLUTION FOR WIRELESS COMMUNICATION”, submitted by Katyayani Kashyap (Enrolment No.: A20436417003) to the Amity University, Rajasthan for the award of “Doctorate of Philosophy” is a bonafide record of research work carried out by her under my supervision. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

Dr. Sunil Pathak

Supervisor
Associate Professor
Amity School of Engineering & Technology, Jaipur

Dr. Narender Singh Yadav

Co-Supervisor
Associate Professor
Manipal University, Jaipur

Director
Amity School of Engineering & Technology
Amity University, Rajasthan, Jaipur, India

Date:.....



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8

SIMILARITY %

63

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	1	www.researchsquare.com	4	Publication
2.	5	www.researchgate.net	<1	Internet
3.	18	www.wseas.us	<1	Publication
4.	3	IEEE 2014 International Conference on Advances in Electronics, Compu	<1	Publication
5.	19	Improved Differential Evolution with Shrinking Space Technique for Constrained O by Chunmin-2017	<1	Publication
6.	25	Enhanced differential evolution with modified parent selection techniq by Zhang-2018	<1	Publication
7.	6	An adaptive parallel genetic algorithm system for i-Computing environment by Yuk-Yi-2003	<1	Publication.
8.	11	Blind identification and synchronization of unequal power users in CDM by Siavas-2010	<1	Publication

Enrolment No.: A20030315003



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Honoraria Samson

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“Changing Dynamics of Social Media and
its Impact on Recruitment and Selection in IT Sector”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Atish Bhardwaj
Registrar

Neeraj
President

Aroon K Chaudhary
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**Changing Dynamics of Social Media and its Impact on Recruitment and Selection in IT Sector**” is submitted in the Amity School of Business at Amity University Rajasthan, Jaipur in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mrs. Honoria Samson** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university.

Guide

Prof. (Dr.) Vinita Agrawal

Director Distance Education

Amity Business School

Amity University Rajasthan, Jaipur

Co-Guide

Dr. Meghna Tandon

Dean, Faculty of Commerce

Dayanand College Ajmer, Rajasthan

Director

Amity Business School

Amity University Rajasthan, Jaipur



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A-Satisfactory (0-10%)

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C-Poor (41-60%)

D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	9	repo.zenk-security.com	1	Publication
2.	15	Advanced Series in Management Social Media in Human Resources Manag, by Bondarouk, Tanya O- 2013	1	Publication
3.	39	core.ac.uk	<1	Publication
4.	13	www.researchgate.net	<1	Internet
5.	10	Associations Between Time Spent Using Social Media and Internalizing a by Kiehm-2019	<1	Publication
6.	6	Student Report Submitted to Bangalore University by MASEEH KARGAR 16X6CMD021, RRIAS	<1	Student Paper
7.	19	dspace.knust.edu.gh	<1	Publication
8.	51	www.journaledudev.in	<1	Publication
9.	4	edepot.wur.nl	<1	Publication
10.	20		<1	Publication

Enrolment No.: A20436414009



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Amit Hirawat

the degree of

**Doctor of Philosophy
(Information Technology)**

on the thesis titled :

**“Detecting Human Activities and Events related to
car driving by analysing Smartphone Sensor Data Based on
Dynamic Activity-Window Size”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Xitru Bhardwaj
Registrar

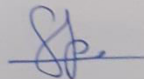
Praveen
President

Arjun K. Chauhan
Chairperson

CERTIFICATE

This is to certify that the thesis entitled "**Detecting Human Activities And Events Related To Car Driving By Analysing Smartphone Sensor Data Based On Dynamic Activity-Window Size**", is submitted to Amity University Rajasthan, in partial fulfillment of the degree of Doctor of Philosophy in Information Technology. The thesis is a unique record of original research carried out by **Mr. Amit Hirawat** under our supervision. The content of the thesis, in part or full, has not been submitted to any University or Institute for the award of degree or diploma. The candidate has successfully completed the course work as per the University guidelines.

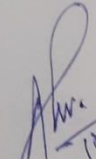
Guide


Prof. (Dr.) Swapnesh Taterh

Professor

Amity Institute of Information Technology
Amity University Rajasthan, Jaipur

Co-Guide


Dr. Tarun K. Sharma

Professor and Dean

School of Engineering and Technology
Shobhit University Gangoh, Saharanpur


Co-Ordinator

Prof. (Dr.) Swapnesh Taterh

Amity Institute of Information Technology
Amity University Rajasthan, Jaipur, India

Date:





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Similarity Report

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58

A

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SIMILARITY %

MATCHED SOURCES

GRADE

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
3	A review on time series data mining by Tak-chun-2011	<1	Publication
46	en.wikipedia.org	<1	Internet
7	Data Mining and Knowledge Discovery Handbook	<1	Publication
38	ACM Press the 10th international conference- Low Wood Bay, Lake Di, by Miluzzo, Emiliano - 2012	<1	Publication
9	www.econstor.eu	<1	Publication
5	www.mdpi.com	<1	Publication
16	moam.info	<1	Internet
3	web.media.mit.edu	<1	Publication
32	Detecting small group activities from multimodal observations by Olive-2009	<1	Publication
23	Exploring the Application of Pattern Recognition and Machine Learning for Identi by Remedios-2020	<1	Publication

Enrolment No.: A22559815002



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Vibha Goswami

the degree of

**Doctor of Philosophy
(Chemistry)**

on the thesis titled :

**“Adsorption of Acidic and Basic Dye on
Biosorbent Commercial Activated Carbon and Natural Adsorbent”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Vibha Bhandari
Registrar

Arjun K Chaudhary
President

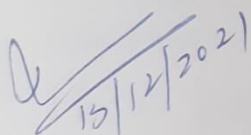
Arjun K Chaudhary
Chairperson



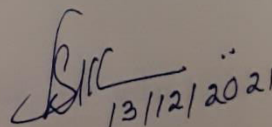
AMITY UNIVERSITY RAJASTHAN
JAIPUR

CERTIFICATE

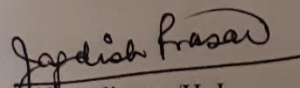
This is to certify that thesis entitled “**Adsorption of Acidic and Basic Dye on Biosorbent, Commercial Activated Carbon and Natural Adsorbent**”, is submitted to the Amity University Rajasthan in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Vibha Goswami** in the **Amity School of Applied Sciences, Amity University Rajasthan, Jaipur** under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


15/12/2021

Guide
Dr. Renu Upadhyay
Assistant Professor
Department of Chemistry, ASAS
Amity University-Jaipur


13/12/2021

Co-Guide
Dr. Sumanta Kumar Meher
Assistant Professor
Department of Chemistry
MNIT Jaipur


Director/Coordinator/HoI

Date:



DrillBit Similarity Report

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SIMILARITY %

63

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	9	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
2.	5	www.iosrjen.org	<1	Publication
3.	14	www.ijcce.ac.ir	<1	Publication
4.	20	library.co	<1	Internet
5.	16	biomedres.us	<1	Internet
6.	4	ijer.ut.ac.ir	<1	Publication
7.	12	www.ijitee.org	<1	Publication
8.	8	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
9.	3	link.springer.com	<1	Internet
10.	15	pnrsolution.org	<1	Publication

Enrolment No.: A21533417002



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Siddhartha Shankar Sharma

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

“Acquittal of an Accused in a
Sexual Penetrative Assault (Rape) Case due to Defective Investigation:
An analytical study with reference to the State of Assam”

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shiv Bhardwaj
Registrar

Neeraj
President

Arjun K. Chaudhary
Chairperson



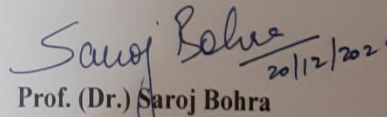
AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel. : 01426 - 405678
Fax : 01426 - 405679

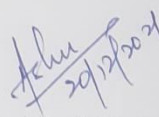
CERTIFICATE

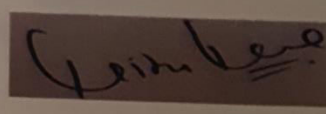
I certify that the thesis entitled '**Acquittal of an Accused in a Sexual Penetrative Assault (Rape) Case due to Defective Investigation: An analytical study with reference to the State of Assam**' submitted for the Degree of Doctor of Philosophy by Mr. Siddhartha Shankar Sharma (Enrolment No. **A21533417002**) is the original research work carried out by him during the period commencing from January 2017 to June 2021 under my guidance and supervision. The work is original and has not been submitted in part or full for the award of any other degree or diploma in any erstwhile University or Institution.


20/12/2021

Prof. (Dr.) Saroj Bohra

Director, Amity Law School


20/12/2021
(Dr.) Ashu Maharshi
Supervisor
Associate Professor


(Dr.) Nitu Nawal
Co-Supervisor
Professor and Dean

Date: 20/12/2021



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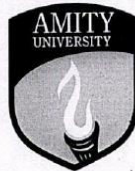
A

GRADE

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
3	qdoc.tips		1	Internet
41	indialawyers.files.wordpress.com		1	Publication
36	bprd.nic.in		<1	Publication
12	cks.univnt.ro		<1	Publication
2	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in		<1	Publication
5	qdoc.tips		<1	Internet
23	indiankanoon.org		<1	Internet
22	Comparison of different methods of measurement of pressure of underwater shock w by A-2006		<1	Publication.
42	uir.unisa.ac.za		<1	Publication
14	dspace.nwu.ac.za		<1	Publication

Enrolment No.: A20267416001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Pramodkumar Pyarelal Gupta

the degree of

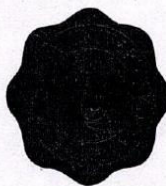
**Doctor of Philosophy
(Bioinformatics)**

on the thesis titled :

**“Molecular Modelling and Metabolic Analysis of
Anti-Cancer Drug and its Analogs”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shiv Bhardwaj
Registrar

Praveen
President

Arjun K Chandra
Chairperson



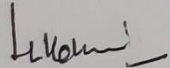
AMITY UNIVERSITY

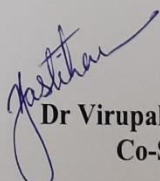
RAJASTHAN

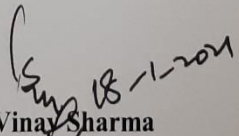
Amity Education Valley
Kant Kalwar, NH-11C,
Jaipur-Delhi National Highway,
Jaipur-303002
Tel.: 01426-405679 (Direct), 405678
Fax: 01426-405679

Certificate

This is to certify that thesis entitled “**Molecular Modelling and Metabolic Analysis of Anti-Cancer Drug and its Analogs**” submitted to Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy, embodies original research work carried out by **Pramodkumar Pyarelal Gupta** at Amity University Rajasthan, Jaipur, under our guidance. This work has not been submitted in part or full, for the award of any degree or diploma to any other University. The candidate has successfully completed the course work as per the University guidelines


Dr. S. L. Kothari
Supervisor


Dr Virupaksha A Bastikar
Co-Supervisor


Dr Vinay Sharma
Director
Amity Institute of Biotechnology
Amity University Rajasthan



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A-Satisfactory (0-10%)

B-Upgrade (11-40%)

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SL.No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	15	eijppr.com	<1	Publication
2.	39	www.arxiv.org	<1	Publication
3.	25	Towards new C6-rigid S-DABO HIV-1 reverse transcriptase inhibitors S, by Wu, Hai-Qiu Yan, Z- 2013	<1	Publication
4.	14	Effects of High Pressure Processing on the Interaction of - lactalbum by Zou-2019	<1	Publication
5.	2	Discovery of novel differentiation markers in the early stage of chon, by Ishihara, Takeshi - 2014	<1	Publication
6.	13	bio-tructbiol.biomedcentral.com	<1	Publication
7.	10	The role of electrode potential distribution in corrosion processes by Howar-1995	<1	Publication
8.	18	www.bioinformation.net	<1	Publication

Enrolment No.: A21533416007



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Ajay Pal Tushir

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

**“An Analytical Study of Laws relating to Sexual Offences against
Women with reference to The Criminal Law Amendment Act, 2013”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Mitun Bhardwaj
Registrar

Amey
President

Arjun K Chaudhary
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, Nh-11-C, Jaipur (Rajasthan) 303002
Tel: 01423-405678/227722, Fax: 01426-405679

CERTIFICATE

This is to certify that thesis entitled "AN ANALYTICAL STUDY OF LAWS RELATING TO SEXUAL OFFENCES AGAINST WOMEN WITH REFERENCE TO THE CRIMINAL LAW AMENDMENT ACT, 2013", is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Mr. Ajay Pal Tushir in the Amity Law School, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide: ms Shastri
Prof (Dr.) Madhu Shastri
Amity University Rajasthan

Co-Guide: GS Rajpurohit
Dr. Govind Singh Rajpurohit
University of Rajasthan, Jaipur

Date: 15/9/2020

Saroj Bohra
Prof. (Dr.) Saroj Bohra
Director, ALS

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PUBLICATIONS

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STUDENT PAPERS

PRIMARY SOURCES

1	www.legalserviceindia.com Internet Source	1%
2	shodhganga.inflibnet.ac.in Internet Source	1%
3	www.lawctopus.com Internet Source	1%
4	www.scribd.com Internet Source	<1%
5	link.springer.com Internet Source	<1%
6	blog.ipleaders.in Internet Source	<1%
7	www.issuesinmedicalethics.org Internet Source	<1%
8	www.lawordo.com Internet Source	<1%
9	baadalsg.inflibnet.ac.in Internet Source	<1%



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Jyoti Sihag

the degree of

**Doctor of Philosophy
(Chemistry)**

on the thesis titled :

**“Optimization of Bio-fertilizer and Bio-Pesticides Requirement
in the Soil of Rajasthan by Computational Model”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shiv Bhardwaj
Registrar

Neeraj
President

Anam K Chaudhary
Chairperson



AMITY UNIVERSITY RAJASTHAN

CERTIFICATE

This is to certify that thesis entitled “**OPTIMIZATION OF BIO-FERTILIZER AND BIO-PESTICIDES REQUIREMENT IN THE SOIL OF RAJASTHAN BY COMPUTATIONAL MODEL**” is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Ms Jyoti Sihag (A22531516002) in the Amity School of Applied Sciences, Amity University Rajasthan, Jaipur (India) under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr Divya Prakash
Guide
Associate professor
Department of Chemistry,
Amity school of Applied Sciences,
Amity University Rajasthan
Jaipur (India)

Dr Parul Yadav
Coguide
Scientific officer
Amity University of Sciences and
Instrumentation Centre,
Amity University Rajasthan
Jaipur (India)

Prof. (Dr) Jagdish Prasad
HOI
Amity School of Applied Sciences,
Amity University Rajasthan, Jaipur (India)



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SIMILARITY %

53

MATCHED SOURCES

A

GRADE

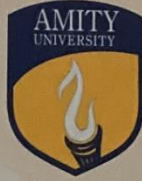
A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

to LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1	Appropriate Plant Nutrient Management for Sustainable Agriculture in S by Laker-2005	<1	Publication
3	www.britannica.com	<1	Internet
42	www.researchgate.net	<1	Internet
5	Combining land preparation and vegetation restoration for optimal soi, by Feng, Tianjiao Wei- 2019	<1	Publication
26	INTEGRATED NUTRIENT MANAGEMENT IN CLUSTERBEAN ACyamopsis tetragonolob by PRABHAVATHI, M - 2014 , krishikosh	<1	Publication
13	Does shifting from conventional to zero tillage in combination with a by Landschoot-2019	<1	Publication
29	STUDIES ON SOIL PROPERTIES AND YIELD OF OKRA AS INFLUENCED BY IPNSI BY JADHAV KAJAL A 2003 - KRISHIKOSH	<1	Publication
4	www.intechopen.com	<1	Internet



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Hariom Singh

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

**“A Critical Analysis of the Provisions of
Insurance Regulatory and Development Authority Act 1999:
In relation to Flourishing Insurance Sector in India”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shikha Bhardwaj
Registrar

Neeraj
President

Arjun K Chaudhary
Chairperson

A Critical Analysis Of The Provisions Of Insurance Regulatory And Development
Authority Act 1999 : In Relation To Flourishing Insurance Sector In India

Thesis submitted to
The Amity University Rajasthan, Jaipur
for the award of the degree of
DOCTOR OF PHILOSOPHY
in
LAW



Submitted By
HARIOM SINGH

GUIDE:

DR. MADHU SHASTRI

Professor

Amity University

Jaipur, Rajasthan

CO-GUIDE

DR. B.K. RAINA

Associate Professor

Faculty of law

University Of Delhi, Delhi

AMITY LAW SCHOOL

AMITY UNIVERSITY RAJASTHAN, JAIPUR

2020



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57

A

A-Satisfactory (0-10%)
B-Upgrade (11-40%)
C-Poor (41-60%)
D-Unacceptable (61-100%)

SIMILARITY %

MATCHED SOURCES

GRADE

LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
3	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
2 19	www.libertyinsurance.in	<1	Publication
3 2	shodhganga.inflibnet.ac.in	<1	Publication
4 8	Comparative Analysis of Regulatory Frameworks A Study of Three Sector by Hallur-2014	<1	Publication
5 5	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication ()
6 12	www.irda.gov.in	<1	Publication
7 1	INVESTORS PRECEPTION TOWARDS ASSET MANAGEMENT COMPANY WITH REFERENCE TO MAX LIFE INSURANCE BY 18WE1E0045 Yr - 2020	<1	Student Paper
8 22	indianresearchjournals.com	<1	Publication
9 25	www.sec.gov	<1	Internet



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Bindu Sharma

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“Indian Technical Textile Industry:
Emerging Opportunities and Future Prospects”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Alit Bhardwaj
Registrar

Neeraj
President

Anam K Chaurhan
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11-C,
Jaipur (Rajasthan) 303002
Tel: 01426-283621/283835,
Fax: 01426-283836

CERTIFICATE

This is to certify that thesis entitled “**Indian Technical Textile Industry: Emerging Opportunities and Future Prospects**”, is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy in Business management. The thesis embodies original research work carried out by Bindu Sharma in the Institute/School/Centre Amity Business School, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide

Dr. Shikha Sharma

Professor

Amity Business School, AUR

Co-Guide

Dr. Dhirendra Sharma

MLV Textile and Engineering College,
Bhilwara

Director/Coordinator/HOI

Date:

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Similarity Report

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SIMILARITY %

64

MATCHED SOURCES

A

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Poor (41-60%)

D-Unacceptable (61-100%)

CATION	MATCHED DOMAIN	%	SOURCE TYPE
1	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	1	Publication
	Aligarh Muslim University Paper - www.inflibnet.ac.in	<1	Student Papper
	Autocatalytic Growth and Development and the South- North Convergence by Matutinovi-2020	<1	Publication
6	www.ramseycounty.us	<1	Publication
	fiberjournal.com	<1	Internet
3	The relationship between lean and environmental performance Practice, by Dieste, Marcos Pan- 2019	<1	Publication
	www.tandfonline.com	<1	Internet
5	growingscience.com	<1	Internet
	www.researchgate.net	<1	Internet
	INFORMATICSejlt.org	<1	Publication

Enrolment No.: A20436415019



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Shyam Sunder Sharma

the degree of

**Doctor of Philosophy
(Mechanical Engineering)**

on the thesis titled :

**“Modeling of Lean Manufacturing Implementation Barriers
in Indian SMEs”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



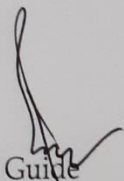
Shiv Bhardwaj
Registrar

Neeraj
President

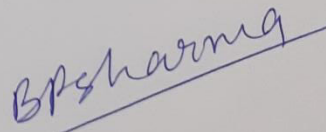
Arjun K Chaudhary
Chairperson

CERTIFICATE

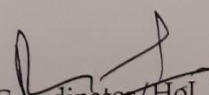
This is to certify that thesis entitled "**Modeling of Lean Manufacturing Implementation Barriers in Indian SMEs**" is submitted to the Amity University Rajasthan in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Shyam Sunder Sharma** in the **Amity School of Engineering & Technology**, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Guide
Prof. P. K. Pandey
Professor
Amity University Rajasthan, Jaipur
Noida



Co-Guide
Dr. B. P. Sharma
Associate Professor
Amity University Uttar Pradesh,


Director/Coordinator/HoI

Date: 10/3/2021



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Submission Information

Author Name	pankaj
Title	pandey
Submission/Paper ID	221529
Submission Date	08-Feb-2021 11:44:00
Total Pages	154
Total Words	36767

Result Information

Similarity	8 %
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Journal/Publication Sources	7 %
Total content under 'References'	8 %
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AMITY UNIVERSITY

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*on recommendation of the Academic Council
has conferred upon*

Akhela Umapathi

the degree of

**Doctor of Philosophy
(Nanobiotechnology)**

on the thesis titled :

**“Developing Functional Metal Nanostructures
for Controlled Biological Activities”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Alita Bhardwaj
Registrar

Neeraj
President

Arjun K. Chauhan
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel: 01426-405678/405629,
Fax: 01426-405679

CERTIFICATE

This is to certify that thesis entitled "**Developing Functional Metal Nanostructures for Controlled Biological Activities**", is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Akhela Umapathi** in the Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur under my guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University.

The candidate has successfully completed the course work as per the University guidelines.

Hemant Kumar Daima, PhD, MRSC

Guide

Prof. Vinay Sharma

Director - Amity Institute of Biotechnology



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Submission Information

Author Name	Akhela
Title	Developing functional metal nanostructures for controlled biological activities
Submission/Paper ID	223733
Submission Date	10-Feb-2021 03:49:45
Total Pages	100
Total Words	23451

Result Information

Similarity	4 %
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Internet Sources	1 %
Journal/Publication Sources	2 %
Total content under 'References'	4 %

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*on recommendation of the Academic Council
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Navin Kumar Sehrawat

the degree of

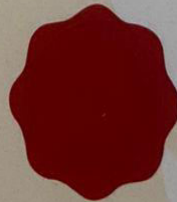
**Doctor of Philosophy
(Law)**

on the thesis titled :

**“Human Rights of the Accused Persons with reference to
Criminal Justice System - Emerging Problematics in Indian Perspective”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shiv Bhardwaj
Registrar

Neeraj
President

Arjun K Chandra
Chairperson



AMITY UNIVERSITY

RAJASTHAN

Kant Alwar, NH-11C
Jaipur, (Rajasthan) 303002
Tel: 01426-405678
Fax: 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**HUMAN RIGHTS OF THE ACCUSED PERSONS WITH REFERENCE TO CRIMINAL JUSTICE SYSTEM-EMERGING PROBLEMATICS IN INDIAN PERSPECTIVE**”, is submitted to the Amity University Rajasthan in partial fulfilment for the degree of Doctor of philosophy. The thesis embodies original research work carried out by Mr. Navin Kumar Sehrawat in the Amity Law School, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

GUIDE:

ms shastri
DR. MADHU SHASTRI

Professor

Amity University

Jaipur, Rajasthan

B.K. Raina
CO-GUIDE

DR. B.K. RAINA

Associate Professor

Faculty of law

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LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
47	swarajyamag.com	<1	Internet
22	blogs.cornell.edu	<1	Publication
37	Himachal Pradesh University Thesis Published - www.inflibnet.ac.in	<1	Publication
7	www.tandfonline.com	<1	Internet
4	en.wikipedia.org	<1	Internet
31	dar.aucegypt.edu	<1	Publication
19	www.unodc.org	<1	Internet
27	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
6	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication

Enrolment No.: A21984216001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Shabnam Bharti

the degree of

**Doctor of Philosophy
(History)**

on the thesis titled :

**“मध्यकालीन भारत में भक्ति साहित्य द्वारा सामाजिक चेतना का विकास :
गुरु नानक के सन्दर्भ में एक अध्ययन”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Atish Bhardwaj
Registrar

Neeraj
President

Arjun K. Chauhan
Chairperson




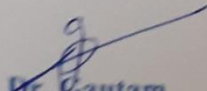
AMITY UNIVERSITY

RAJASTHAN, JAIPUR

This is to certify that the thesis entitled “मध्यकालीन भारत में भक्ति साहित्य द्वारा सामाजिक चेतना का विकास : गुरु नानक के संदर्भ में एक अध्ययन” is submitted to Amity University Rajasthan in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Mrs. Shabnam Bharti (A21984216001) in the Amity School of Liberal Arts, Amity University Rajasthan, Jaipur (India) under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Dr. Rahul Tripathi
Guide
Professor
Amity University Rajasthan
Jaipur (India)


Dr. Amita Sharma
Co- Guide
Associate Professor
Guru Nanak Girls College, Yamunanagar
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AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

K. Nitheesh Murugan

the degree of

**Doctor of Philosophy
(Information Technology)**

on the thesis titled :

**“Enhance the Security in Software Defined Networks to Mitigate the
Vulnerabilities of Application Layer Distributed Denial of Service Attacks”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



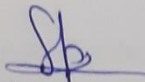
Amita Bhardwaj
Registrar

Neeraj
President

Anam K Chaudhary
Chairperson

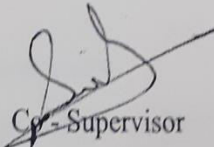
CERTIFICATE

This is certify that thesis entitled "ENHANCE THE SECURITY IN SOFTWARE DEFINED NETWORKS TO MITIGATE THE VULNERABILITIES OF APPLICATION LAYER DISTRIBUTED DENIAL OF SERVICE ATTACKS", is submitted to Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Mr. K. Nitheesh Murugan in the Department of Information Technology, AIIT, Amity University Rajasthan, Jaipur - 303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per university guidelines.



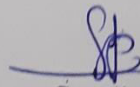
Supervisor

Dr. Swapnesh Taterh
Professor
Amity Institute of Information Technology
Amity University, Jaipur, Rajasthan
India



Cop-Supervisor

Dr. Suresh Shanmugasundaram
Professor,
Faculty of Engineering & Applied
Sciences, Botho University,
Botswana


Coordinator 7/7/21

Dr. Swapnesh Taterh
Professor,
Amity Institute of Information Technology
Amity University, Jaipur, Rajasthan, India





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LN	No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	1	IEEE 216	IEEE International Conference on Engineering and Technolog by	2	Publication
2.	3	www.sciencedirect.com		1	Internet
3.	9	IEEE 2018 10th	International Conference on Information Technology an	1	Publication
4.	19	BaProbSDN A probabilistic-based QoS routing mechanism for Software De by A-2015		<1	Publication
5.	30	IEEE 2015 IEEE Conference on Network Softwarization (NetSoft) - Lond		<1	Publication
6.	34	www.wisdomjobs.com		<1	Internet
7.	47	www.governing.com		<1	Internet
8.	6	Performance evaluation of DTN protocols to deliver sms in dense mobile network by Leo-2016		<1	Publication

Enrolment No.: A20030316001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Preeti Kulhari

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“Evaluating Effectiveness of Training and Development Programs on
Employees Working Proficiency with Special Reference to
Technical and Professional Institutions in Rajasthan”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Alita Bhardwaj
Registrar

Neeraj
President

Anam K Chaudhary
Chairperson



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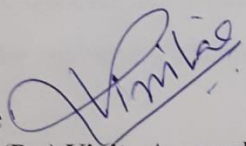
RAJASTHAN

Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

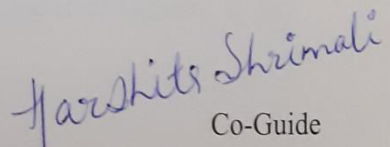
CERTIFICATE


This is to certify that thesis entitled “**Evaluating Effectiveness of Training and Development Programs on Employees Working Proficiency with Special Reference to Technical and Professional Institutions in Rajasthan**” is submitted in the Amity School of Engineering and Technology at Amity University Rajasthan, Jaipur in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mrs. Preeti Kulhari** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university.

Guide


Prof. (Dr.) Vinita Agrawal
Director Distance Education
Amity Business School
Amity University Rajasthan
Jaipur

Co-Guide


Prof. (Dr.) Harshita Shrimali
Geetanjali Institute of Technical Studies,
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Director

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LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
45	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	1	Publication
3	A COMPARITIVE STUDYON EFFECTIVENSS OF TRAINING AND DEVELOPMENTSIGNODE INDIA AND SANJAY TE BY 18031E0017 YR 2020, JNTUH	<1	Student Paper
67	pdfs.semanticscholar.org	<1	Publication
19	APPRAISAL EVALAUTIAON OF EMPLOYEES IN AVAITION COMPANY BY 18RC1E0050 Yr - 2020	<1	Student Paper
2	etd.aau.edu.et	<1	Publication
10	DETERMINANTS AND OUTCOMES OF ETHICAL LEADERSHIP FOR MANAGING HUMAN RESOURCES IN HIGHER BY 18M61E0025 Yr - 2020	<1	Student Paper
34	www.amity.edu	<1	Publication
8	etd.aau.edu.et	<1	Publication

Enrolment No.: A22467616001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sachin Kumar Verma

the degree of

**Doctor of Philosophy
(Microbial Sciences)**

on the thesis titled :

**“Expression Analysis of Terpenoid Indole Alkaloid Pathways
under the Influence of Elicitors in Rauwolfia Serpentina”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Satish Bhardwaj
Registrar

Praveen
President

Anam K Chaudhary
Chairperson

Dr. D. Goyary, Ph.D.
Scientist- E
Division of Pharmaceutical Technology



Phone : 09435389853 (M)
E-mail: dgoyary@yahoo.co.in
Govt. of India, Ministry of Defence
Defence R & D Organisation
Defence Research Laboratory
Dist. Sonitpur, Post Bag No. 2
Tezpur (Assam)-784 001
Date: 19 Feb 2021

Certificate

This is to certify that the thesis entitled "**Expression analysis of terpenoid indole alkaloid pathways under the influence of elicitors in *Rauwolfia serpentina***" is submitted to the Amity University, Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Sachin Kumar Verma (A22467616001)** in the Amity Institute of Microbial Technology, Amity University Rajasthan, Jaipur (India)-303002 under joint supervision with Dr. Neeraj Khare, Asst. Prof. Amity University Rajasthan and the thesis has not been submitted in part or full for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. D. Goyary, Co-Supervisor
Scientist E
Defence Research Laboratory (DRL)
Defence R&D Organization (DRDO)
Tezpur, Assam (India)-784 001

**Dr. D.Goyary,Ph-D.
Scientist-E (Group A)
Defence Research Laboratory
DRDO, Min. of Defence
Tezpur-784001, Assam**



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1.	6	Exudation an expanding technique for continuous production and releas by Zhenzhe-2012	<1	Publication
2.	33	www.frontiersin.org	<1	Publication
3		Elicitation a stimulation of stress in in vitro plant celltissue cul by Narayani-2017	<1	Publication
9		Tonoplast H-ATPase in response to salt stress in Populus euphratica c by Tingju-2002	<1	Publication
27		Biotechnology Applications of Plant Callus Cultures by Efferth-2018	<1	Publication
30		fjfsdata01prod.blob.core.windows.net	<1	Publication
22		www.frontiersin.org	<1	Publication
47		www.ncbi.nlm.nih.gov	<1	Internet
7		Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sudhanshu Singh

the degree of

Doctor of Philosophy
(Electronics & Communication Engineering)

on the thesis titled :

“Synthesis and Characterization of
Barium Titanate Nanocomposite Films and their Applications”

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shikha Bhardwaj
Registrar

Praveen
President

Arjun K Chaudhary
Chairperson



AMITY UNIVERSITY RAJASTHAN

Kant Kalwar, NH-11C,
RIICO Industrial Area,
Jaipur, Rajasthan 303002
Phone: 01426 405 678

CERTIFICATE

This is to certify that thesis entitled “**SYNTHESIS AND CHARACTERIZATION OF BARIUM TITANATE NANOCOMPOSITE FILMS AND THEIR APPLICATIONS**”, is submitted to Amity University Rajasthan, Jaipur in partial fulfillment for the degree of Doctor of Philosophy The thesis embodies original research work carried out by **Mr. SUDHANSHU SINGH** in Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur-303002 under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide

Dr. UMESH KUMAR DWIVEDI

Amity University Rajasthan, Jaipur

Co-Guide

Dr. DEEPSHIKHA RATHORE

Amity University Rajasthan, Jaipur

07/01/2021

Dr. RAJESH SHARDANAND PRASAD

Director/Coordinator/HoI

Place: Jaipur

Date: 7th Jan 2021

Amity City office/Amity University, C-119, Lal Kothi Scheme, Behind Vidhan Sabha, Jaipur-302015, Telefax-0141-2372489, 2374111



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A-Satisfactory (0-10%)
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No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	35	www.researchgate.net	1	Internet
2.	10	www.ncbi.nlm.nih.gov	<1	Internet
3.	13	www.sciencedirect.com	<1	Internet
4.	12	Electrical characterizations of polycrystalline and amorphous thin fil by Yuhua-1994	<1	Publication
5.	33	Absolute Testing of the Profiles of Large-Size Plane Optical Surfaces by I-2001	<1	Publication
6.	40	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
7.	19	Advances in Controlled Oxygen Generating Biomaterials for Tissue Engin by Ashammakhi-2019	<1	Publication
8.	7	Ferromagnetism of MnAs Studied by Heteroepitaxial Films on GaAs(001) by Das-2003	<1	Publication

Enrolment No.: A20044516001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sudhindra Bhat

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“A Study on Consumption, Saving and Investment Patterns
among the University Teachers with A Special Reference to
Karnataka and Rajasthan”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Shiv Bhardwaj
Registrar

Neeraj
President

Arun K Chandra
Chairperson



AMITY UNIVERSITY

RAJASTHAN

CERTIFICATE

This is to certify that thesis entitled "***A Study on Consumption, Saving and Investment Patterns Among the University Teachers with A Special Reference to Karnataka and Rajasthan***", is submitted to the Amity University Rajasthan in partial fulfillment for the degree of **DOCTOR OF PHILOSOPHY**. The thesis embodies original research work carried out by **Mr. SUDHINDRA BHAT** with Enrolment **No. A20044516001** in the Institute/School/Centre - Amity Business School, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines

GUIDE

Swati
05/08/2021
Mr. Swati Sharma

[Signature]
DIRECTOR/COORDINATOR/HOI

Date: 05/08/2021



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SL.No	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	30	www.indianjournals.com	1	Publication
2.	22	gibss.org	1	Publication
3.	48	EVALUATION ON FACTORS AFFECTING FAST MOVING CUSTOMER GOODS AT BIG BAGAZAAR BY 17031E0038, YR 2020, JNTUH	1	Student Paper
4.	49	www.indianjournals.com	1	Publication
5.	2	shodhganga.inflibnet.ac.in	<1	Publication
6.	4	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
7.	47	globalbizresearch.org	<1	Internet
8.	43	Association of Financial Attitude, Financial Behaviour and Financial K by Rai-2019	<1	Publication
9.	16	www.iosrjournals.org	<1	Publication

Enrolment No.: A20436416005



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Bhavesh Devra

the degree of

**Doctor of Philosophy
(Mechanical Engineering)**

on the thesis titled :

**“Second Law Analysis of Vapor Compression–Absorption Cascaded
Refrigeration System using Matlab Simulink”**

*having completed in the year 2021 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of May, 2022.



Atish Bhardwaj
Registrar

Neeraj
President

Anam K Chaudhary
Chairperson

CERTIFICATE

This is to certify that thesis entitled “**Second Law Analysis of Vapor Compression–Absorption Cascaded Refrigeration System Using MATLAB Simulink**” is submitted to the Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Bhavesh Devra** in the Amity School of Engineering and Technology, Amity University Rajasthan, Jaipur, under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Pankaj Kumar Pandey

Guide

Dr. Dheerendra Vikram Singh

Co-Guide

Head of the Department

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9	world-nuclear.org		<1	Internet



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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sajad Hussain

the degree of

**Doctor of Philosophy
(Clinical Psychology)**

on the thesis titled :

**"Personality Traits, Emotional States and Cognitive Distortions among
Deprived Adolescents of Kashmir"**

*having completed in the year 2020 in witness whereof
the Seal of the University is herewith affixed.*

Given on this 1st day of June, 2021.



Delish Bhardwaj
Registrar

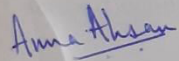
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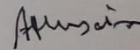
This is to certify that the thesis entitled **“PERSONALITY TRAITS, EMOTIONAL STATES AND COGNITIVE DISTORTIONS AMONG DEPRIVED ADOLESCENTS OF KASHMIR”** is an original work carried out by Sajad Hussain under our supervision and guidance for the degree of Doctor of Philosophy in Clinical Psychology, Department of Amity Institute of Allied & Behavioural Science, Amity University Jaipur (Rajasthan).

We further certify that no part of this thesis has been submitted for any other degree to this or any other University/Institute.



Dr. Amra Ahsan

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Prof. Akbar Husain

(Co-Supervisor)

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has conferred upon*

Rajbala Junia

the degree of

**Doctor of Philosophy
(Microbial Sciences)**

on the thesis titled :

**“Microbial Interventions to Rehabilitate the
Mine Spoiled Land of Feldspar in Ajmer (Rajasthan)”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



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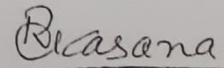
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Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel. : 01426 - 405678
Fax : 01426 - 405679

Certificate

This is to certify that thesis entitled "**Microbial Interventions to Rehabilitate the mine-spoiled Land of Feldspar in Ajmer (Rajasthan)**" is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out **Ms. Rajbala Junia (A22467614001)** in the Amity Institute of Microbial Technology, Amity University Rajasthan, Jaipur (India)-303002 under our guidance and has not been submitted in part or full for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Prof. (Dr) G.K. Aseri
Guide
Amity Institute of Microbial Technology,
Amity University Rajasthan
Jaipur, Rajasthan (India)


Dr. Ramesh Chand Kasana
Co-Guide
Principal Scientist-Microbiology,
ICAR-Central Arid Zone Research Institute
(CAZRI),
Jodhpur, Rajasthan (India)


Prof. (Dr) G. K. Aseri
Director
Amity Institute of Microbial Technology
Amity University Rajasthan, Jaipur, Rajasthan (India)

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Palanisami Thavamani, R. Amos Samkumar,
Viswanathan Satheesh, Suresh R.

Subashchandrabose et al. "Microbes from
mined sites: Harnessing their potential for
reclamation of derelict mine sites",

Environmental Pollution, 2017

Publication

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Milan Borišev, Slobodanka Pajević, Nataša
Nikolić, Andrej Pilipović, Danijela Arsenov, Milan
Župunski. "Mine Site Restoration Using
Silvicultural Approach", Elsevier BV, 2018

Publication

<1%

5

Elvio Schelle, Ian Staton, Paul J. Clarkson,
David J. Bellis, Cameron W. Mcleod. "Rapid
Multielement Analysis of Tree Bark by EDXRF",
International Journal of Environmental Analytical

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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Simmy Gupta

the degree of

**Doctor of Philosophy
(Food Technology)**

on the thesis titled :

**“Efficacy of *Terminalia arjuna* and *Glycyrrhiza glabra* for the
development of functional food”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



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Kant Kalyan, NH 11C,
Jaipur-Delhi National Highway,
Jaipur-30007
Tel: 01426-405614 (Direct), -405678
Fax: 01426-405679

CERTIFICATE

This is to certify that the thesis entitled "*Efficacy of Terminalia arjuna and Glycyrrhiza glabra for the development of functional food*" is submitted to the Amity University Rajasthan, Jaipur in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Ms. Simmy Gupta** in the Food Technology, Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Jyoti Prabha Bishnoi

Guide

Dr. Krishan Kumar

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- 2 Jyoti Prabha Bishnoi, Rakesh Gehlot, S. Siddiqui. "Change in chemical constituents and overall acceptability of frozen and dehydrated Aonla fruit pulp during storage", Journal of Applied and Natural Science, 2016
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- 3 www.i-scholar.in
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- 4 academicjournals.org
Internet Source <1%
- 5 Ifrah Khursheed, Julie Dogra Bandral, Monika Sood, Naseer Ahmed. "Influence of knolkhol on quality characteristics of chicken meat balls", Journal of Applied and Natural Science, 2017
Publication <1%
- 6 Sabeera Muzzaffar, Waqas N Baba, Nuzhat Nazir, F.A. Masoodi, Mohd Munaff Bhat, Rafiya Bazaz. "Effect of storage on physicochemical,



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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Jai Sonker

the degree of

**Doctor of Philosophy
(Hospitality)**

on the thesis titled :

**“Energy Efficiency and Sustainability of
Heritage Hotel buildings in Rajasthan”**

*having completed in the year 2020 in witness whereof
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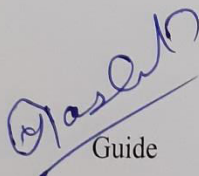
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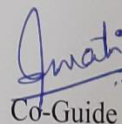
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This is to certify that thesis entitled **“Energy Efficiency and Sustainability of Heritage Hotel buildings in Rajasthan”** is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of **Hospitality Management**. The thesis embodies original research work carried out by **Jai Sonker** in the **Amity School of Hospitality** Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Guide

Dr. Yashwant Singh Rawal



Co-Guide

Dr. Swati Jain



Head of the Department

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Saloni Manhas

the degree of

**Doctor of Philosophy
(Software Engineering)**

on the thesis titled :

**"Analysis and Detection of Vulnerabilities
and their Implications on Web Based Systems"**

*having completed in the year 2020 in witness whereof
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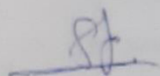
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Chairperson

Certificate

This is to certify that the thesis entitled "**Analysis and Detection of Vulnerabilities and their Implications on Web Based Systems**" submitted by Saloni Manhas to the Amity University Jaipur, Rajasthan for the award of degree of Doctor of Philosophy in Software Engineering is a unique record of research work, carried out by her under our supervision. The content of the thesis or its parts are not submitted in any university or institute for the award of any degree or diploma.



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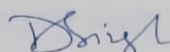
Dr. Swapnesh Taterh

Associate Professor

Amity Institute of Information Technology

Amity University, Jaipur

Rajasthan, India



Co- Guide:

Dr. Dilbag Singh

Assistant Professor

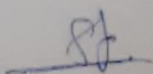
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Engineering

School of Engineering and Applied
Sciences

Bennet University, Greater Noida

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Maitrayee Chatterjee, Akbar-Siami Namin.
"Detecting Phishing Websites through Deep
Reinforcement Learning", 2019 IEEE 43rd
Annual Computer Software and Applications
Conference (COMPSAC), 2019
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Gaurav Varshney, Manoj Misra, Pradeep K.
Atrey. "A survey and classification of web
phishing detection schemes", Security and
Communication Networks, 2016
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- 4

Relan, Neha G., and Dharmaraj R. Patil.
"Implementation of network intrusion detection
system using variant of decision tree algorithm",
2015 International Conference on Nascent
Technologies in the Engineering Field (ICNTE),
2015.
Publication

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AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Anita Garhwal

the degree of

Doctor of Philosophy
(Electronics & Communication Engineering)

on the thesis titled :

“Design and Analysis of
Microstrip Patch Antennas with Fractal Geometry”

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
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This is to certify that thesis entitled “**Design and Analysis of Microstrip Patch Antennas with Fractal Geometry**” is submitted in the Amity School of Engineering and Technology at Amity University Rajasthan, Jaipur in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Anita Garhwal** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university.

Guide

Prof. Kanad Ray

Professor

Dept. of Physics,

Amity School of Applied Sciences,

Amity University Rajasthan, Jaipur

Co-Guide

Prof. Preecha Yupapin

Full Professor

Advanced Institute of Materials Science,

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4. 19	IEEE 2013 IEEE Symposium on Computers and Communications (ISCC) - Sp by	<1	Publication
5. 2	Modified duobinary modulation of optical signals generated by silicon, by Sadegh Amiri, Iraj- 2019	<1	Publication
6. 14	Multiband Multiple Elliptical Microstrip Patch Antenna with Circular P by Gupta-2018	<1	Publication
7. 40	Multifunction Sensors Using Coincidence Dark-Bright Soliton Pair in a by Mitatha-2012	<1	Publication
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has conferred upon*

Pushpendra Singh

the degree of

Doctor of Philosophy

(Electronics & Communication Engineering)

on the thesis titled :

“Design and Analysis of Biological and
Nature Inspired Antennas”

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
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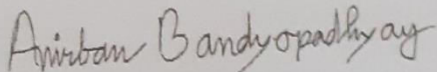
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Chairperson

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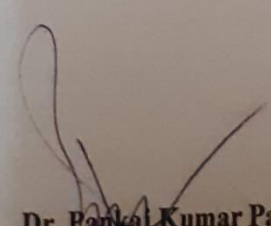

Prof. (Dr.) Kanad Ray
Supervisor

Professor,
Head, Dept. of Physics
Amity School of Applied Science
Amity University Rajasthan, Kant Kalwar,
NH-11C, Jaipur-Delhi Highway, Jaipur,
Rajasthan 303007, India.



Dr. Anirban Bandyopadhyay
Co-supervisor
Senior Scientist

International Center for Materials and
Nanoarchitectronic (MANA), Research
Center for Advanced Measurement and
Characterization (RCAMC), National
Institute for Materials Science, 1-2-1 Sengen,
Tsukuba, Ibaraki-3050047, Japan.


Dr. Pankaj Kumar Pandey
Coordinator-Amity School of Engg. & Tech.,
Amity University Rajasthan, Kant Kalwar, NH 11C,
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Faubert, S. Rawat, S. Ghosh, Kanad Ray, *Selvaraj*
Anirban Bandyopadhyay. "Chapter 6 Fractal and
Periodical Biological Antennas: Hidden
Topologies in DNA, Wasps and Retina in the
Eye", Springer Science and Business Media
LLC, 2018
Publication
- 4 "Advances in Nature and Biologically Inspired 1%
Computing", Springer Science and Business
Media LLC, 2016
Publication
- 5 Pushpendra Singh, Kanad Ray, Sanyog Rawat. <1%
"Analysis of Sun Flower Shaped Monopole



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*on recommendation of the Academic Council
has conferred upon*

Lokesh Kulhari

the degree of

Doctor of Philosophy

(Electronics & Communication Engineering)

on the thesis titled :

**"Development and Characterization of
LTCC Gas Sensor Module with Integrated Micro-Hotplate"**

having completed in the year 2020 in witness whereof

the Seal of the University is hereunto affixed.

Given on this 1st day of June, 2021.



Shilpa Bhardwaj
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President

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Chairperson

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This is to certify that thesis entitled “**Development and characterization of LTCC Gas sensor module with integrated micro-hotplate**” is submitted in Amity School of Engineering and Technology at Amity University Rajasthan, Jaipur in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Lokesh Kulhari** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university.

Kanad Ray

Guide

Prof. Kanad Ray

Professor

Amity Institute of Applied Sciences,
Amity University Rajasthan, Jaipur

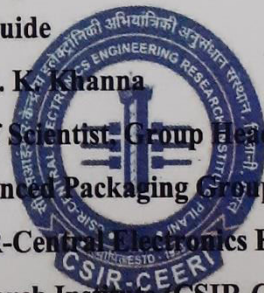
प्रमोद कुमार खन्ना

Co-Guide

Dr. P. K. Khanna

Chief Scientist, Group Head
Advanced Packaging Group,

CSIR-Central Electronics Engineering
Research Institute (CSIR-CEERI), Pilani
(Rajasthan)



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"Environmental Nanotechnology Volume 3",
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4

Hassan Shokry Hassan, Marwa Farouk Elkady.
"Chapter 10 Semiconductor Nanomaterials for
Gas Sensor Applications", Springer Science and
Business Media LLC, 2020

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5

Harrison, P. W., J. E. Mank, and N. Wedell.
"Incomplete Sex Chromosome Dosage
Compensation in the Indian Meal Moth, Plodia
interpunctella, Based on De Novo
Transcriptome Assembly", Genome Biology and
Evolution, 2012.

Publication

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Enrolment No.: A20732416007



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Monika

the degree of

**Doctor of Philosophy
(Hospitality)**

on the thesis titled :

**“Impact of Culinary Progress of Rajasthani Cuisine
on the Development of Rajasthan Tourism”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



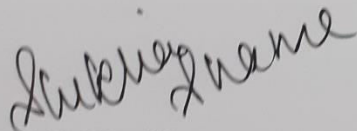
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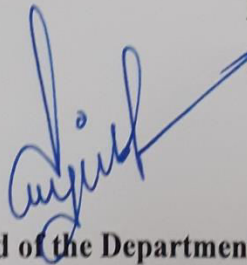
CERTIFICATE

This is to certify that thesis entitled "**Impact of Culinary Progress of Rajasthani Cuisine on the Development of Rajasthan Tourism**" is submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Monika Rani** in the Amity School of Hospitality, Amity University Rajasthan, Jaipur, under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Prof. (Dr.) Shikha Sharma
Guide

Prof. (Dr.) Manish Anand
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Head of the Department
Amity School of Hospitality

Date -

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has conferred upon*

Anudeep Arora

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“Export Competitiveness of
Oilseeds Post WTO Implementation”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



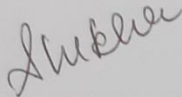
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Registrar

Anurag
President

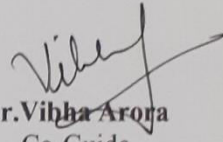
Anam K Chandra
Chairperson

CERTIFICATE

This is to certify that thesis entitled "**Export Competitiveness of Oilseeds Post WTO Implementation**" is submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Anudeep Arora** in the Amity Business School, Amity University, Jaipur, Rajasthan -303002, under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Prof. (Dr.) Shikha Sharma
Guide



Dr. Vihha Arora
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9	"Export Competitiveness of Indian Oilseeds: The Method of Constant Market Share (CMS) with	<1%



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Ushaben Keshwala

the degree of

Doctor of Philosophy
(Electronics & Communication Engineering)

**on the thesis titled :
"Design and Analysis of
Compact UWB Antennas"**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shilpa Bhardwaj
Registrar

Praveen
President

Anam K Chaudhary
Chairperson



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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**DESIGN AND ANALYSIS OF COMPACT UWB ANTENNAS**” is submitted in the Department of Electronics and Communication Engineering, of the Amity University Rajasthan (AUR), Jaipur in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Ushaben Keshwala** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university.

(Prof. (Dr.) Kanad Ray)

Guide

Amity Institute of Applied Sciences,
Amity University Rajasthan, Jaipur

(Dr. Sanyog Rawat)

Co-Guide

Electronics and Communication Department,
Manipal University Jaipur, Rajasthan.

Prof. Rajesh Shardanand Prasad

Director

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NO.	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	16	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	1	Publication
2.	15	A Survey on Planar Ultra-Wideband Antennas with Band notch Characteris by Kumar-2019	<1	Publication
3.	11	IEEE 2019 International Conference on Computational Intelligence and	<1	Publication
4.	21	IEEE 30th European Microwave Conference, 2000 - Paris, France (2000)	<1	Publication
5.	2	An Octagonal Shaped Monopole Antenna for UWB Applications with Band No by Sharma-2019	<1	Publication
6.	20	IEEE 2003 IEEE International Symposium on Antennas and Propagation	<1	Publication
7.	17	IEEE 31st European Microwave Conference, 2001 - London, England (200	<1	Publication

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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sonal Gupta

the degree of

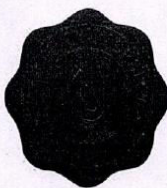
**Doctor of Philosophy
(Biotechnology)**

on the thesis titled :

**“Role of de novo mutations in
Congenital Pouch Colon syndrome in neonates”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shilpa Bhardwaj
Registrar

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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that **Ms. Sonal Gupta** has worked under our supervision for her Ph.D. thesis entitled “**Role of *de novo* mutations in congenital pouch colon syndrome in neonates**”. She has fulfilled all requirements for the submission of thesis to pursue further the degree of Doctor of Philosophy. This is an original work and has not been submitted in part or full for any degree of any university.

Prof. S.L. Kothari
Supervisor
Amity University Rajasthan

Dr. M. Krishna Mohan
Co-supervisor
Birla Institute of Scientific Research

Prof. Vinay Sharma
Director
Amity Institute of Biotechnology
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INTERNET SOURCES

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STUDENT PAPERS

PRIMARY SOURCES

- 1 Sonal Gupta, Praveen Mathur, Ashwani Mishra, Krishna Mohan Medicherla, Prashanth Suravajhala. "Whole exome-trio analysis reveals rare variants associated with Congenital Pouch Colon", Cold Spring Harbor Laboratory, 2019
Publication 2%
- 2 Sonal Gupta, Nidhi Gupta, Pradeep Tiwari, Saji Menon et al. "Lnc-EPB41-Protein Interactions Associated with Congenital Pouch Colon", Biomolecules, 2018
Publication <1%
- 3 Ralph Schiess, Bernd Wollscheid, Ruedi Aebersold. "Targeted proteomic strategy for clinical biomarker discovery", Molecular Oncology, 2009
Publication <1%
- 4 Giuseppe Palmieri, Antonella Manca, Antonio Cossu, Giovanni Ruiu et al. "Microsatellite analysis at 10q25-q26 in Sardinian patients with sporadic endometrial carcinoma", Cancer, 2000
Publication <1%

Enrolment No.: A21533416001



AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Ompal Shokeen

the degree of

**Doctor of Philosophy
(Law)**

on the thesis titled :

**"Compatibility of the Right to Fair Compensation and Transparency
in Land Acquisition, Rehabilitation and Resettlement Act, 2013:**

A Critical appraisal in context of developing India"

having completed in the year 2020 in witness whereof

the Seal of the University is hereunto affixed.

Given on this 1st day of June, 2021.



Abhinav Bhardwaj
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Anam K Chaudhary
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Guide

Madhu Shastri
Prof (Dr.) Madhu Shastri
Amity University Rajasthan

Co-Guide

Pinki Sharma
Dr. Pinki Sharma
University of Delhi

Date: *15/9/2020*

Saroj Bohra
Prof. (Dr.) Saroj Bohra
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*on recommendation of the Academic Council
has conferred upon*

Kriti Vaid

the degree of

**Doctor of Philosophy
(Electrical Engineering)**

on the thesis titled :

**“Electrical Studies of
Polymers for Power Cable”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



Shilpa Bhardwaj
Registrar

Neeraj
President

Arjun K. Chauhan
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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) - 303002
Tel.: 01426-405678
Fax: 01426-405679

Certificate

This is to certify that thesis entitled “**Electrical studies of polymers for power cables**” is submitted to the Amity University Rajasthan in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Kriti Vaid** in the Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide
Dr. Umesh Kumar Dwivedi
Amity University Rajasthan

Co-Guide
Dr. Sanyog Rawat
Manipal University Jaipur

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Date:



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GRADE

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LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
5	iopscience.iop.org	6	Publication
3	www.mdpi.com	<1	Internet
18	Magnetoelectric interaction phenomena in materials by - 1994	<1	Publication
30	www.sciencedirect.com	<1	Internet
11	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
1	Investigation on lanthanum substitution in magnetic and structural pr, by Deepapriya, S. Vin- 2019	<1	Publication
44	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
29	Thesis submitted to shodhganga - shodhganga.inflibnet.ac.in	<1	Publication
4	downloads.hindawi.com	<1	Publication

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Gaindi Lal Saini

the degree of

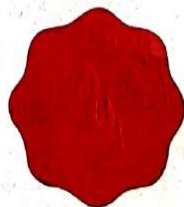
**Doctor of Philosophy
(Computer Science & Engineering)**

on the thesis titled :

**“Software Quality Prediction of
Open Source Software using Computational Intelligence”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 1st day of June, 2021.



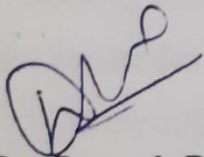
Abhinav Bhardwaj
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Arjun
President

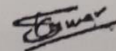
Arjun K Chaudhary
Chairperson

CERTIFICATE

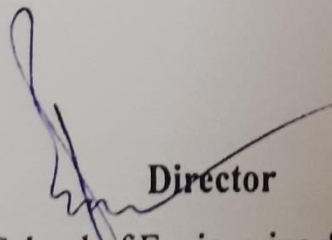
This is to certify that thesis entitled "Software Quality Prediction of Open Source Software Using Computational Intelligence" is submitted to Amity University Rajasthan in partial fulfillment for Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Gaindi Lal Saini** in the Department of Computer Science and Engineering, Amity School of Engineering and Technology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has completed the course work as per University guidelines.



Dr. Deepak Panwar
Supervisor


Digitally signed by Sandeep Kumar
DN: cn=Sandeep Kumar, o=Amity
University Rajasthan, email=sandeep.kumar@amityrajasthan.ac.in
Date: 2023.11.12 14:45:28 +05'30'

Dr. Sandeep Kumar
Co-supervisor



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SLNo	LOCATION	MATCHED DOMAIN	%	SOURCE TYPE
1.	8	Empirical study of the effects of open source adoption on software dev by Samue-2007	<1	Publication
2.	16	research.ijcaonline.org	<1	Publication_
3.	9	IEEE 2018 25th Australasian Software Engineering Conference (ASWEC), by Lotter, Adriaan Li- 2018	<1	Publication
4.	38	IEEE 2013 IEEE 24th International Symposium on Software Reliability by	<1	Publication
5.	13	An empirical evaluation of classification algorithms for fault predict by Kaur-2016	<1	Publication
6.	19	www.mecs-press.org	<1	Publication
7.	17	www.mecs-press.org	<1	Publication
8.	7	Software reusability metrics estimation Algorithms, models and optim, by Padhy, Neelamdhab - 2017	<1	Publication



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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Abhishek Kumar

the degree of

**Doctor of Philosophy
(Hospitality)**

on the thesis titled :

**"Consumer Perception and
Socio - Economical Benefits from Indian Wine"**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



Nitin B.
Registrar

Arim Patil
President

Arun K. Chaudhary
Chairperson



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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**Consumer Perceptions and Socio-Economical Benefits from Indian Wine**” is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of **Hospitality Management**. The thesis embodies original research work carried out by **Abhishek Kumar** in the **Amity School of Hospitality** Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Guide

Prof. (Dr.) Shikha Sharma

Co-Guide

Prof. (Dr.) Kumar Ashutosh

Head of the Department

Date: 8/1/2020

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Satish Y. Deodhar, Swati Singh, Nikita Tank.
"Grapevine or informed selection: Significance
of quality attributes in India's emerging wine
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Vishakha

the degree of

**Doctor of Philosophy
(Microbial Sciences)**

on the thesis titled :

**“Bacteriocin: It's Production by Using Novel Microbial Species
and Development of Antimicrobial Composite Film”**

*having completed in the year 2019 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



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Arjun Patil
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Kant Kalwar, NH 11- C
JAIPUR (Rajasthan) - 303 002
Tel : 01426 - 405678
Fax : 01426 - 405679

Certificate

This is to certify that thesis entitled "**Bacteriocin: Its Production by using Novel microbial species and development of antimicrobial composite film**" is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out **Ms Vishakha (A22467515001)** in the Amity Institute of Microbial Technology, Amity University Rajasthan, Jaipur (India)-303002 under our guidance and has not been submitted in part or full for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Prof. (Dr) G.K. Aseri
Guide
Amity Institute of Microbial Technology,
Amity University Rajasthan
Jaipur (India)

DIRECTOR
Amity Institute of Microbial Technology
Amity University Rajasthan
Kant Kalwar, NH-11 C, Jaipur (Raj.)-303002

Dr. Rahul C. Ranveer
Co-Guide
Associate Professor,
PG Institute of Post Harvest Management,
Raigad, Maharashtra

Dep. of P.H.M. of M. P. P.
PGI-PHM, Killa-Roha, Dist.-Raigad

Prof. (Dr) G. K. Aseri
Director
Amity Institute of Microbial Technology
Amity University Rajasthan, Jaipur (India)

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Prokaryotic Antimicrobial Peptides, 2011.

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3

Deegan, L.H.. "Bacteriocins: Biological tools for bio-preservation and shelf-life extension", International Dairy Journal, 200609

Publication

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Khan, Haider, Steve Flint, and Pak-Lam Yu. "Bacteriocins: The Natural Food Preservatives", Microbial Food Safety and Preservation Techniques, 2014.

Publication

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Veeresh Juturu, Jin Chuan Wu. "Microbial production of bacteriocins: Latest research development and applications", Biotechnology Advances, 2018

Publication

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www.nature.com

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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Yask

the degree of

**Doctor of Philosophy
(Information Technology)**

on the thesis titled :

**“Development of Model for in-vitro Malware Detection and
Protection for the Distributed Control System
(Industrial Control System) in Oil & Gas Sectors”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



Nitin B.
Registrar

Anam Patil
President

Arun K. Chaudhary
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RAJASTHAN

Kant Kulkarni, RH-11C,
Jaipur (Rajasthan) 303002
Tel : 01426-405678
Fax : 01426-405679

CERTIFICATE

Date :

This is to certify that thesis entitled "Development of Model for in-vitro Malware Detection and Protection for the Distributed Control Systems (Industrial Control Systems) in Oil & Gas Sectors", is submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Mr. Yash in the Amity Institute of Information Technology, Amity University Rajasthan Jaipur - 303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Supervisor
Dr. B. Suresh Kumar
Assistant Professor-AIIT,
Amity University Jaipur, Rajasthan

Co-Supervisor
Prof. (Dr.) Bhushan Trivedi
Dean Faculty of Computer Technology
GLS University, Ahmadabad, Gujarat

Coordinator
Dr. Swapnesh Taterh
Amity Institute of Information Technology
Amity University Jaipur, Rajasthan, India

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www.cse.wustl.edu

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Yask, B. Suresh Kumar. "A review of model on malware detection and protection for the distributed control systems (Industrial control systems) in oil & gas sectors", Journal of Discrete Mathematical Sciences and Cryptography, 2019

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*on recommendation of the Academic Council
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Shweta Sharma

the degree of

**Doctor of Philosophy
(Computer Science and Engineering)**

on the thesis titled :

**“Optimization of Engineering Design Problems by
Hybridizing Opposition Based Learning with
Shuffled Frog Leaping Algorithm and Differential Evolution”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



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Registrar

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President

Arjun K. Chaudhary
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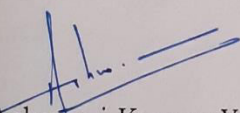
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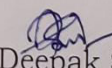
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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled "**Optimization of Engineering Design Problems by hybridizing Opposition Based Learning with Shuffled Frog Leaping Algorithm and Differential Evolution**", is submitted to Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Shweta Sharma** in the Department of Computer Science and Engineering, Amity School of Engineering and Technology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The Candidate has successfully completed the course work as per University guidelines.


Dr. Ashwani Kumar Yadav
Supervisor


Dr. Deepak Sinwar
Co-supervisor


Director

Amity School of Engineering & Technology,
Amity University Rajasthan, Jaipur

Date:- 10/01/2020

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STUDENT PAPERS

PRIMARY SOURCES

1

Shweta Sharma, Tarun K. Sharma, Millie Pant, J. Rajpurohit, B. Naruka. "Centroid Mutation Embedded Shuffled Frog-Leaping Algorithm", Procedia Computer Science, 2015

Publication

1%

2

Muzaffar Eusuff. "Shuffled frog-leaping algorithm: a memetic meta-heuristic for discrete optimization", Engineering Optimization, 3/1/2006

Publication

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3

Advances in Intelligent Systems and Computing, 2015.

Publication

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www.sahandtarjomeh.com

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5

"Cross Opposition based Differential Evolution Optimization", International Journal of Recent Technology and Engineering, 2019

Publication

1%

Bhagyashri Naruka, Tarun K. Sharma, Millie

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Bhagyashri Naruka

the degree of

**Doctor of Philosophy
(Computer Science and Engineering)**

on the thesis titled :

**“Optimization of Engineering Design Problems
Using Variants of Shuffled Frog Leaping Algorithm”**

*having completed in the year 2020 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



Nitin B.
Registrar

Arum Patil
President

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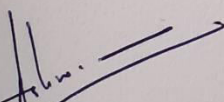
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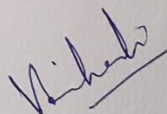
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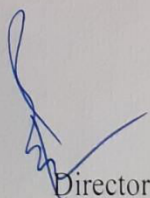
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- 2 Bo Xing, Wen-Jing Gao. "Innovative Computational Intelligence: A Rough Guide to 134 Clever Algorithms", Springer Nature, 2014
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- 3 Rizk M. Rizk-Allah. "Hybridizing sine cosine algorithm with multi-orthogonal search strategy for engineering design problems", Journal of Computational Design and Engineering, 2017
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- 4 Lin, Zhen-si, Qi-shan Zhang, and Hong Liu. "Parameter optimization of GM(1,1) model based on artificial fish Swarm algorithm", Proceedings of 2011 IEEE International Conference on Grey Systems and Intelligent Services, 2011.
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the degree of

**Doctor of Philosophy
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on the thesis titled :

**“Delay Tolerant Network Enabled Routing Protocol
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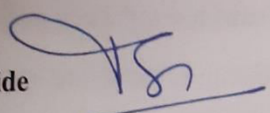
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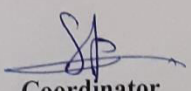
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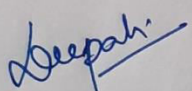


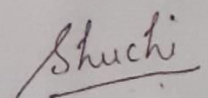
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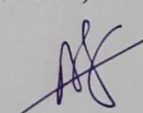
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ABS, Amity University Rajasthan,
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Prof. (Dr.) Jyotsna Diwan Mehta
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- 5 www.aarmssjournals.com
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- 6 "The New Ideal Worker", Springer Science and Business Media LLC, 2020
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- 7 Igbinomwanhia, OR, O Iyayi, and F Iyayi. "Employee Work-Life Balance as an HR Imperative", African Research Review, 2012.
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the degree of

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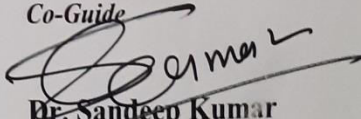
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Dr. Yudhveer Singh

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Prof.(Dr.) Deepshikha Bhargava

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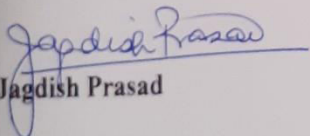


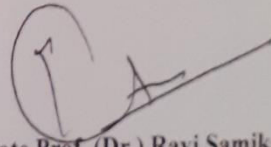
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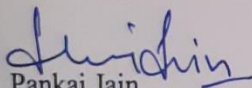


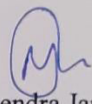
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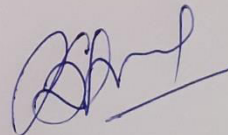
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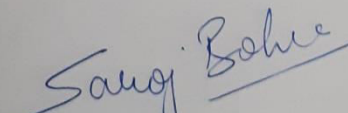
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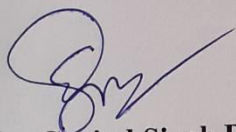
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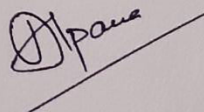
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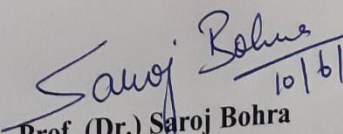


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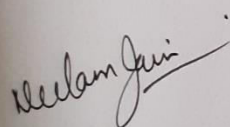
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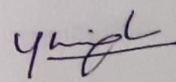
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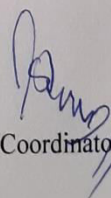
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the degree of

**Doctor of Philosophy
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on the thesis titled :

**"Development of Improved Vegetable Production Technology for
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Semi-Arid Agro Climatic Zone of India"**

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Amity University Rajasthan
Jaipur (India)

Dr R. C. Kasana
Co-Guide
ICAR-Central Arid Zone Research Institute
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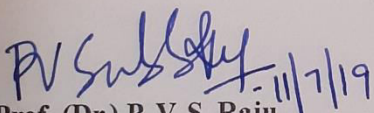
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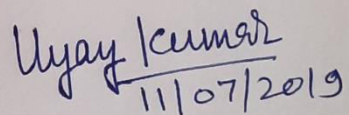
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Amity University Rajasthan
Jaipur


Dr. Vijay Kumar Soni
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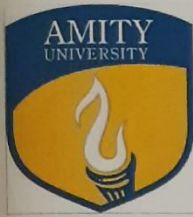
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(Dr.) Pankaj Pandey
Associate Professor, ASET
Amity University, Jaipur

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Guide

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the degree of

**Doctor of Philosophy
(Clinical Psychology)**

on the thesis titled :

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This is to certify that this thesis entitled **“Influence of Psychological Variables on Body Mass Index During Early Adolescence”** is submitted to Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Aditya Pareek** in the Amity Institute of Behavioural Allied Sciences, Amity University Rajasthan, Jaipur - 303002 under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Prof. (Dr.) Uma Joshi

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*on recommendation of the Academic Council
has conferred upon*

Satyajeet Das

the degree of

**Doctor of Philosophy
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on the thesis titled :

**“Structural and Functional Studies of
Protein Drug Targets from MDR Bacteria”**

*having completed in the year 2019 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



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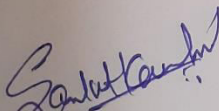
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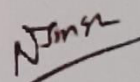
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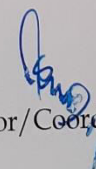
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This is to certify that the thesis entitled "**Structural and Functional Studies of Protein Drug Targets from MDR Bacteria**" is submitted to the Amity University Rajasthan, Jaipur in partial fulfillment for the degree of **Doctor of Philosophy**. The thesis embodies original research work carried out by **Mr. Satyajee Das** in the Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


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Karl-Heinz Schleifer. "Phylum XIII. Firmicutes Gibbons and Murray 1978, 5 (Firmacutes [sic] Gibbons and Murray 1978, 5)", Systematic Bacteriology, 2009

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AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Jitendra Rajpurohit

the degree of

**Doctor of Philosophy
(Computer Science & Engineering)**

on the thesis titled :

**“Hybridized Stochastic Algorithms for
Engineering Design Problems”**

*having completed in the year 2019 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



Nitin B.
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Anam Patil
President

Arjun K. Chaudhary
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Tel. : 01426 - 405678
Fax : 01426 - 405679

CERTIFICATE

This is to certify that thesis entitled "**Hybridized Stochastic Algorithms for Engineering Design Problems**", is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Jitendra Rajpurohit** in the Department of Computer Science & Engineering, Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Tarun Kumar Sharma
Associate Professor,
Amity School of Engineering &
Technology, Jaipur
(Supervisor)

Director
Amity School of Engineering & Technology,
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Bhagyashri Naruka, Tarun K. Sharma, Millie Pant, Jitendra Rajpurohit, Shweta Sharma. "Two-phase shuffled frog-leaping algorithm", Proceedings of 3rd International Conference on Reliability, Infocom Technologies and Optimization, 2014

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*on recommendation of the Academic Council
has conferred upon*

Mukta Jain

the degree of

**Doctor of Philosophy
(Microbial Sciences)**

on the thesis titled :

**“Development of Rapid and Onsite Diagnostics for
Paratuberculosis based on Humoral & CMI Response using Biomarkers”**

*having completed in the year 2019 in witness whereof
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Certificate

This is to certify that thesis entitled **"Development of Rapid and Onsite Diagnostics for Paratuberculosis based on Humoral & CMI response using Biomarkers"** is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out **Ms Mukta Jain (A22467615001)** in the Amity Institute of Microbial Technology, Amity University Rajasthan, Jaipur (India) - 303 002 under our guidance and has not been submitted in part or full for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr Jagdip Singh Sohal
Guide
Asst. Prof. & Coordinator
Amity Center for Mycobacterial Disease Research,
Amity Institute of Microbial Technology,
Amity University Rajasthan
Jaipur (India)

RATHNAGIRI POLAVARAPU

Dr Rathnagiri Polavarapu
President & CEO
Genomix Molecular Diagnostics Pvt. Ltd
5-36/207, Prasanthi Nagar
Kukatpally, Hyderabad
President & CEO
Genomix Biotech Inc., USA
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Dr. J.S. SOHAL
Coordinator
Amity Center for Mycobacterial Disease Research
AUR, Jaipur

Prof. (Dr) G. K. Aseri
Director
Amity Institute of Microbial Technology
Amity University Rajasthan, Jaipur (India)

Date: - July 05, 2019

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- 2 www.tandfonline.com
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- 5 Submitted to Higher Education Commission Pakistan
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- 6 Britton, Louise E., Joseph P. Cassidy, Jim O'Donovan, Stephen V. Gordon, and Bryan Markey. "Potential application of emerging diagnostic techniques to the diagnosis of

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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Girish Paliwal

the degree of

**Doctor of Philosophy
(Information Technology)**

on the thesis titled :

**“Analysis and Design of
Congestion Responsive Algorithm for Adhoc Network”**

*having completed in the year 2019 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



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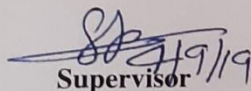
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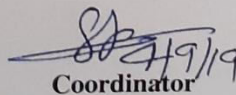
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Supervisor

Dr. Swapnesh Taterh
AIIT, Amity University
Jaipur, Rajasthan


Co-Supervisor

Prof.(Dr.) Narendra Singh Yadav
CS/IT, Manipal University
Jaipur, Rajasthan


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Saurabh Sharma

the degree of

**Doctor of Philosophy
(Hospitality)**

on the thesis titled :

**"Culinary Heritage of Rajasthan and
Its Impact on Rajasthan Tourism & Economy:
Sustainability Issues, Challenges and Implications"**

*having completed in the year 2019 in witness whereof
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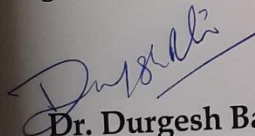
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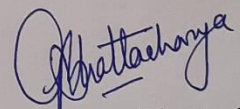
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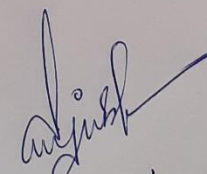
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The thesis embodies original research work carried out by **Saurabh Sharma** in the Amity School of Hospitality., Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Dr. Durgesh Batra
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Dr. Gaurav Bhattacharya
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*on recommendation of the Academic Council
has conferred upon*

Manju Singh

the degree of

**Doctor of Philosophy
(Microbial Sciences)**

on the thesis titled :

**“Development Onsite Loop Mediated Isothermal Amplification (LAMP)
for specific diagnosis of John’s Disease”**

*having completed in the year 2019 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



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Arum Patil
President

Arum K Chauhan
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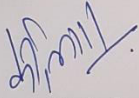
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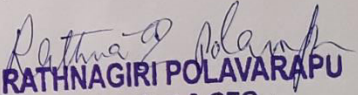
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Dr Jagdip Singh Sohla
Guide

Asst. Prof. & Coordinator
Amity Center for Mycobacterial Disease Research,
Amity Institute of Microbial Technology,
Amity University Rajasthan
Jaipur (India)


RATHNAGIRI POLAVARAPU
President & CEO
Genomix Molecular Diagnostics Pvt. Ltd.
5-36/207, Prasanthi Nagar,
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Genomix Biotech Inc., USA
Genomix Molecular Diagnostics,
Hyderabad (India)


Prof. (Dr) G. K. Aseri
Director

Amity Institute of Microbial Technology
Amity University Rajasthan, Jaipur (India)

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Neha Tomer

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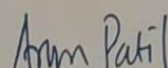
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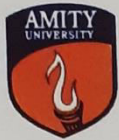
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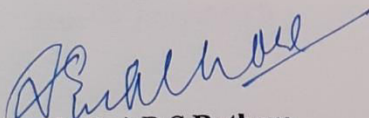
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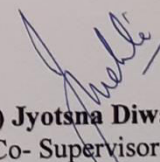
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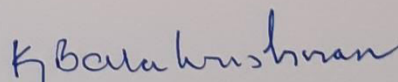
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This is to certify that thesis entitled "**A Study on Relationships of Social Intelligence on Job Burnout and Job Satisfaction Amongst Teachers in Private Universities in Delhi and NCR**", is submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodied original research work carried out by **Ms. Neha Tomer** in the Amity Business School, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Prof. (Dr.) D.S Rathore
Supervisor


Prof. (Dr.) Jyotsna Diwan Mehta
Co- Supervisor


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Director- Amity Business School

Date. :- 7/01/2019

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*on recommendation of the Academic Council
has conferred upon*

Priya Kushwaha

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“Effectiveness of Digitalization on Human Resource Management
with Special Reference to ‘SAP ERP’ in Various Sectors”**

*having completed in the year 2019 in witness whereof
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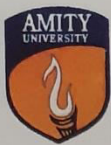



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CERTIFICATE

This is to certify that thesis entitled “**Effectiveness of Digitalization on Human Resource Management with special reference to “SAP ERP” in various sectors**” is submitted to Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Priya Kushwaha** in the Amity Business School, Amity University Rajasthan, Jaipur- 303002, under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Preeti Yadav
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Prof. Jagdish Prasad
Co-Guide

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Shailendra Kumar Dhakad

the degree of

Doctor of Philosophy
(Electronics & Communication Engineering)

on the thesis titled :

**“Design and Development of
Wideband Microstrip Monopole Antennas
for Wireless Communications”**

*having completed in the year 2019 in witness whereof
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Given on this 25th day of January, 2019.




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This is to certify that thesis entitled “**Design and Development of Wideband Microstrip Monopole Antennas for Wireless Communications**” is submitted to Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Shailendra Kumar Dhakad** in the Department of Electronics & Communication Engineering, ASET, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The Candidate has successfully completed the course work as per University guidelines.

Dr. Umesh Kumar Dwivedi
Supervisor

Dr. Sanyog Rawat
Co-supervisor

Director
Amity School of Engineering & Technology,
Amity University Rajasthan, Jaipur

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PRIMARY SOURCES

- 1 Shailendra Kumar Dhakad, Tapes Bhandari.
"A hexagonal broadband compact microstrip monopole antenna for C band, X band and Ku band applications", 2017 International Conference on Computing, Communication and Automation (ICCCA), 2017
Publication
4%
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- 2 "Optical And Microwave Technologies",
Springer Nature, 2018
Publication
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Self 27/11
- 3 Shailendra Kumar Dhakad, Umesh Dwivedi, Sanyog Rawat, Yash Agarwal, Anay Joshi. "A Slotted Microstrip Antenna with Fractal Design for Surveillance Based Radar Applications in X-Band", International Journal of Engineering & Technology, 2018
Publication
2%
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- 4 Mohammad Monirujjaman Khan, Sharmin Shanaz, Abdullah-Al-Mamun. "Investigation of performance parameters of different wearable narrowband antennas in close proximity to the

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has conferred upon*

Sudarshan Singh Lakhawat

the degree of

**Doctor of Philosophy
(Biotechnology)**

on the thesis titled :

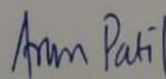
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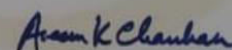
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Dr. Bharat Singh
Guide

24.12.18

Dr. Girish K. Goswami
Co-Guide

Prof.(Dr.) Vinay Sharma
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Amity Institute of Biotechnology
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Date: 24.12.2018

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- 1 Lakhawat, Sudarshan, Amrendra Nath Pathak, and Jignesh Chaudhary. "Elucidation on enhanced application of synthesised kojic acid immobilised magnetic and chitosan tri-polyphosphate nanoparticles as antibacterial agents", IET Nanobiotechnology, 2015.
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- 2 Submitted to National Institute of Food Technology Entrepreneurship and Management
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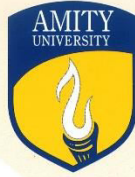
- 3 M Rosfarizan. "Kinetics of kojic acid fermentation by *Aspergillus flavus* using different types and concentrations of carbon and nitrogen sources", Journal of Industrial Microbiology and Biotechnology, 07/01/2000
Publication

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- 4 H. M. Wan. "Repeated-batch production of kojic acid in a cell-retention fermenter using *Aspergillus oryzae* M3B9", Journal of Industrial Microbiology and Biotechnology, 06/2005

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RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Sandeep Gupta

the degree of

**Doctor of Philosophy
(Nanoscience and Nanotechnology)**

on the thesis titled :

**“Efficacy of Bismuth – based Nanostructures for
Hydrogen Storage, Heavy Metal Ion Sensing and as Optical Filters”**

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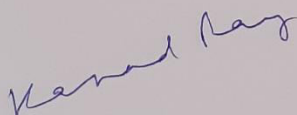

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This is to certify that thesis entitled “**Efficacy of Bismuth-based Nanostructures for Hydrogen Storage, Heavy Metal Ion Sensing and as Optical Filters**”, is submitted in the Faculty of Engineering and Technology at Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Sandeep Gupta** under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University.



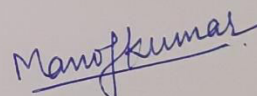
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Prof. Kanad Ray

Professor

Amity Institute of Applied Sciences

Amity University Rajasthan, Jaipur



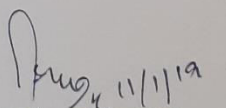
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Dr. Manoj Kumar

Assistant Professor

Department of Physics

MNIT, Jaipur



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Nanostructure Science and Technology, 2014.

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Shruti Modi

the degree of

**Doctor of Philosophy
(Psychology)**

on the thesis titled :

**“Effect of mindfulness based intervention on
Cognitive and Psychological functions of school going early Adolescents”**

*having completed in the year 2019 in witness whereof
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Given on this 25th day of January, 2020.



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CERTIFICATE

This is to certify that this thesis entitled '**Effect of Mindfulness Based Intervention on cognitive and psychological functions of school going early adolescents**' is submitted to the Amity University, Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mrs. Shruti Modi** in the Amity Institute of Behavioral Allied Sciences, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, and has not been submitted in part or full, for the award of any degree or diploma, to any other university. The candidate has successfully completed the course work as per the University guidelines.

Prof. (Dr.) Uma Joshi
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Dr. Dinesh N.
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Prof. (Dr.) Uma Joshi
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*on recommendation of the Academic Council
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Ritu Singh Bhal

the degree of

**Doctor of Philosophy
(English)**

on the thesis titled :

**"A study of soft skills evaluation among University students
and comparisons to achieve enhancement for employability"**

*having completed in the year 2019 in witness whereof
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This is to certify that the thesis entitled 'A STUDY OF SOFT SKILLS EVALUATION AMONG UNIVERSITY STUDENTS AND COMPARISONS TO ACHIEVE ENHANCEMENT FOR EMPLOYABILITY' is submitted to Amity University Rajasthan in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Ritu Singh Bhal** in Amity School of Languages, Amity University Rajasthan, Jaipur-303002, under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Preeti Yadav
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Dr. Vaishali Sharma
Co-Guide

Dr. Dipa Chakrabarti
Head- Amity School of Languages

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has conferred upon*

Shailesh Kumar

the degree of

**Doctor of Philosophy
(Bioinformatics)**

on the thesis titled :

**“Computational analysis of 5’ and 3’ UTRs (Untranslated Regions)
in human genome to find impact of various genomic features to
identify effective targets for Gene Silencing”**

*having completed in the year 2019 in witness whereof
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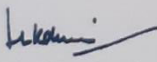
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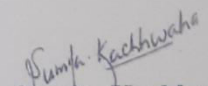
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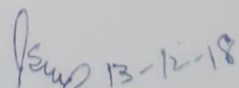
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Prof S L Kothari
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Dr Sumita Kachhwaha
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Director
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Publication 1%

2 mdpi.com
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3 Methods in Molecular Biology, 2014.
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4 www.coursehero.com
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5 rnajournal.cshlp.org
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6 Abbas M. Abd, Suhad M. Abd. "Modelling the strength of lightweight foamed concrete using support vector machine (SVM)", Case Studies in Construction Materials, 2017
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has conferred upon*

Nitesh Singh Rajput

the degree of

**Doctor of Philosophy
(Mechanical Engineering)**

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**“Experimental Study of Nanofluid based
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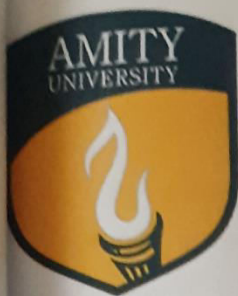
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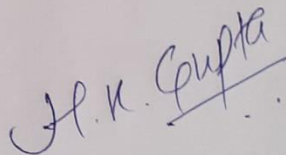
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Guide

Prof.(Dr.)Dipesh Dilip Bhai Shukla
Dean-Faculty of Engineering
Director-Amity School of Engineering & Technology
Amity University Rajasthan, Jaipur



Co-Guide

Prof.(Dr.) Hemant Kumar Gupta
Head-Department of Mechanical Engineering
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Ritu Vashistha

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**“Implications of Information System in Logistic Functional Units with
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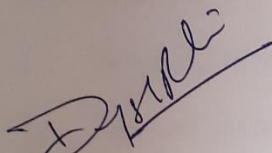
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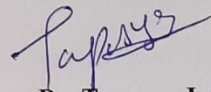
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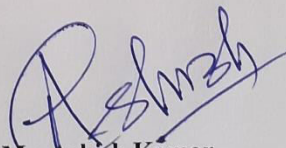
Dr. Durgesh Batra

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Dr. Tapasya Julka

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Mr. Ashish Kumar

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Santanu Dasgupta

the degree of

**Doctor of Philosophy
(Management)**

on the thesis titled :

**“An Empirical Study on Employability Skills of
Undergraduate Hospitality Students in West Bengal”**

*having completed in the year 2019 in witness whereof
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Given on this 25th day of January, 2020.



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Kant Kalwar, NH 11- C
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Prof. (Dr.) Vinita Agrawal
Guide

Prof. (Dr.) Banbehari Mukhopadhyay
Co-Guide

Mr. Ashish Kumar
Head – Amity Business School

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has conferred upon*

Pradyuman Singh Rathore

the degree of

**Doctor of Philosophy
(Hospitality)**

on the thesis titled :

**“Factors influencing the selection of hotels and repeat patronage
(A study in Rajasthan Hotel Industry)”**

*having completed in the year 2019 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 25th day of January, 2020.



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Arum K. Chaudhary
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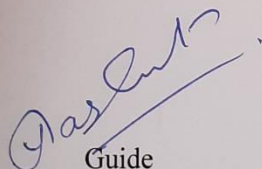
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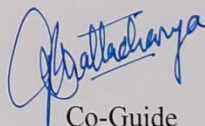
CERTIFICATE

This is to certify that thesis entitled **“Factors Influencing the Selection of Hotels and Repeat Patronage–A Study in Rajasthan Hotel Industry”** is submitted to the Amity University Rajasthan in partial fulfillment for the degree of Doctor of **Hospitality Management**. The thesis embodies original research work carried out by **Pradyuman Singh Rathore** in the **Amity School of Hospitality** Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.



Guide

Dr. Yashwant Singh Rawal



Co-Guide

Prof. (Dr.) Gaurav Bhattacharya



Head of the Department

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Vaishali

the degree of

**Doctor of Philosophy
(Computer Science and Engineering)**

on the thesis titled :

**“Asynchronous Differential Evolution Variants and
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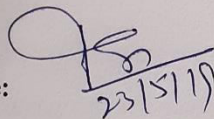
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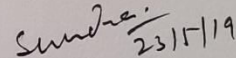
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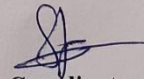
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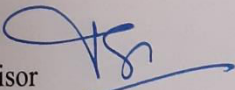
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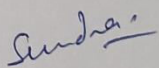
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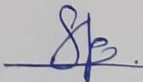

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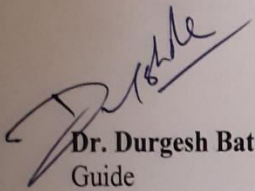
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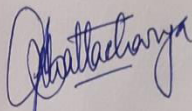
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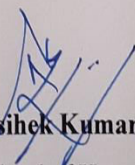
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Prof. Jagdish Prasad
Director – Ph. D. Programme



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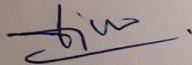
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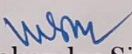
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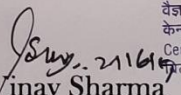
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Prof. Vinay Sharma
Director-Amity Institute of Biotechnology

डॉ. महेंद्र सिंह राठौड़ Dr. M.S. Rathore
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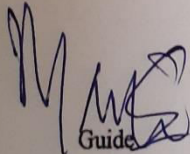
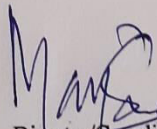


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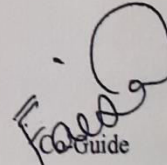
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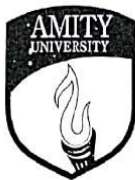
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Department of Comp. Engineering,
MIT College of Engineering,
Aurangabad, Maharashtra - India

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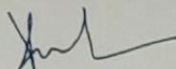
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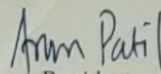
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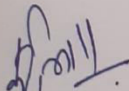
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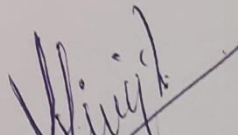
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Dr Jagdip Singh Sohal
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Amity Institute of Microbial Technology,
Amity University Rajasthan, Jaipur (India)

Dr. J.S. SOHAL
Coordinator
Amity Center for Mycobacterial Disease Research
AUR, Jaipur


Prof. (Dr) Shoor Vir Singh
Co-Guide
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ICAR-Central Institute for Research on Goats,
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CHAPTER-1

INTRODUCTION

Paratuberculosis also popular as Johne's disease caused by *Mycobacterium avium* subspecies *paratuberculosis* (MAP) is a spectral disease where it takes years for clinical signs to appear in animals. MAP is principally regarded as pathogen of domestic ruminants, however, has also been reported from wild ruminants free ranging animals, primates and human beings (Davis et al., 2017; Sonawane et al., 2016; Qayoom et al., 2016). Disease results in chronic, progressive and degenerative enteritis leading to intermittent diarrhea and weight loss with unresponsiveness to antibiotic treatment resulting to progressive wasting, emaciation and death (Tiwari et al., 2006). In very early stages (silent stage) typically there are no signs of disease and none of the available tests can detect infected animals in this stage, this stage progresses to sub-clinical disease with low intermittent shedding of MAP in feces without any signs of the disease. Sporadic

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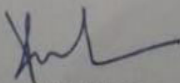
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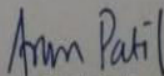
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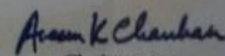
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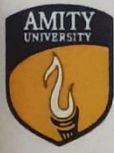
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Dr. Ramesh C. Poonia

Amity Institute of Information Technology,
Amity University Rajasthan, Jaipur, India.

Co-Supervisor:

Prof. Xiao-Zhi Gao

School of Computing,
University of Eastern Finland,
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Coordinator:

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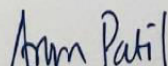
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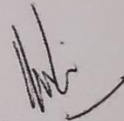

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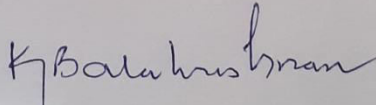
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Dr. Udai Bhan Singh
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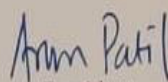
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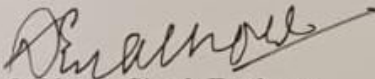
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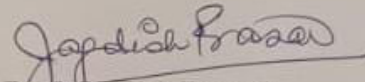
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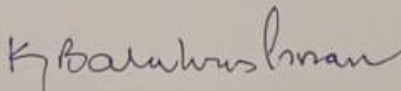
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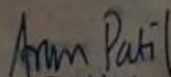
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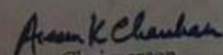
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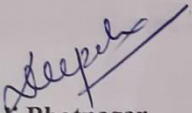

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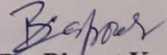

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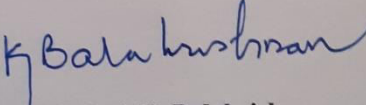
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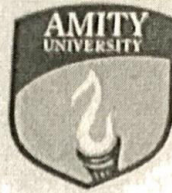
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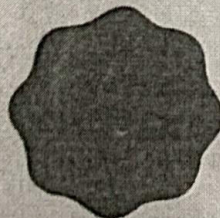
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S. Kumar, E. Gupta, S. Kaushik, V. Kumar
Srivastava, S. K. Mehta, A. Jyoti. "Evaluation of
oxidative stress and antioxidant status:
Correlation with the severity of sepsis",
Scandinavian Journal of Immunology, 2018

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discovery.ucl.ac.uk

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LIM, W.S.. "Respiratory rate measurement in



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Anil Saroliya

the degree of

**Doctor of Philosophy
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on the thesis titled :

**“An efficient Routing Algorithm for
Peer to Peer Networks”**

*having completed in the year 2018 in witness whereof
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Given on this 27th day of January, 2018.




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Prof. (Dr.) Upendra Mishra
Guide

Prof. (Dr.) Ajay Rana
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Prof. (Dr.) D.D. Shukla
Director- Amity School of Engineering & Technology

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2	Malatras, Apostolos. "State-of-the-art survey on P2P overlay networks in pervasive computing environments", Journal of Network and Computer Applications, 2015. Publication	<1%
3	Submitted to VIT University Student Paper	<1%
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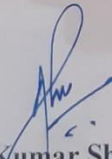
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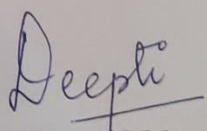
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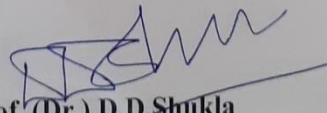
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This is to certify that thesis entitled **“Knowledge Extraction and Optimization as per relevance in higher education domain”** is submitted to Amity University Rajasthan, Jaipur, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Preeti Gupta** at Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur-303002, under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other university. The candidate has successfully completed the course work as per university guidelines.


Dr. Tarun Kumar Sharma
Supervisor


Prof. (Dr.) Deepti Mehrotra
Co-Supervisor


Prof. (Dr.) D.D. Shukla
Director

Amity School of Engineering & Technology
Amity University Rajasthan, Jaipur

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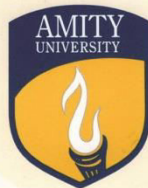
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| 1 | Gupta, Preeti, Deepti Mehrotra, and Tarun Kumar Sharma. "Role of decision tree in supplementing tacit knowledge for Hypothetico-Deduction in higher education", International Journal of Systems Assurance Engineering and Management, 2016.
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| 2 | www.jagannathuniversity.org
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| 3 | Submitted to Middle East Technical University
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Publication | 1% |
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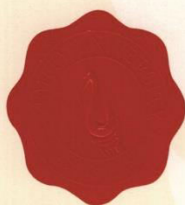
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**Doctor of Philosophy
(Information Technology)**

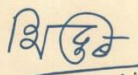
**on the thesis titled : “Design and development of
Bio-inspired computing based Framework for
Web 3.0 information management system”**

*having completed in the year 2018 in witness whereof
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Fax : 01426-405679

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This is to certify that thesis entitled “Design And Development of Bio-Inspired Computing Based Framework for Web 3.0 Information Management System”, is submitted to the Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Billakurthi. Suresh Kumar** in the Amity Institute of Information Technology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Prof. (Dr.) Deepshikha Bhargava
Guide

Dr. Arpan Kumar Kar
Co-Guide

Prof. (Dr.) Deepshikha Bhargava
Director- Amity Institute of Information Technology

Date- 27/9/17

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"The Differential Evolution Algorithm", Natural Computing Series, 2005

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3

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4

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lifeboat.com

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6

"Nature-Inspired Computing and Optimization", Springer Nature, 2017

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Shikaa Samuel

the degree of

**Doctor of Philosophy
(Mathematics)**

**on the thesis titled : "Fractional partial differential
Equations Models on effects of adrenal Hormones
on immune response to Human Immunodeficiency Virus"**

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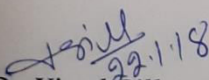
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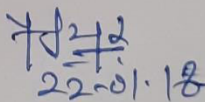
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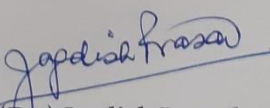
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Jaipur-303007
Tel.: 0142-405614 (Direct), 405678
Fax: 01426-405678

CERTIFICATE

This is to certify that thesis entitle "Fractional Partial Differential Equations Models on Effects of Adrenal Hormones on Immune Response to Human Immunodeficiency Virus", is submitted to the Amity University Rajasthan, in partial fulfilment of the degree of Doctor of Philosophy. The thesis embodies original research work carried out by Mr Samuel Shikaa in the Amity School of Applied Sciences, Amity University Rajasthan, Jaipur under our guidance and it has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Dr. Vinod Gill
Guide


Dr. Yudhveer Singh
Co-Guide


Prof. (Dr.) Jagdish Prasad
Coordinator, Amity School of Applied Sciences

Date:

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advancesindifferenceequations.springeropen.com

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4

González, Ramón E.R., Sérgio Coutinho, Rita Maria Zorzenon dos Santos, and Pedro Hugo de Figueirêdo. "Dynamics of the HIV infection under antiretroviral therapy: A cellular automata approach", Physica A Statistical Mechanics and its Applications, 2013.

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Sunita Thakur

the degree of

**Doctor of Philosophy
(Microbial Sciences)**

on the thesis titled :

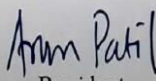
**“Association of TLR2 and IGF 1 Gene Variants
with Microbial Mastitis in
Murrah Buffaloes (*Bubalus bubalis*)”**

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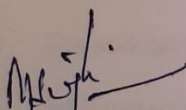
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Dr. Mahendra Singh
(Co-Guide)


Prof. (Dr.) G.K. Aseri
(Guide)


Prof. (Dr.) G.K. Aseri
Director - Amity Institute of Microbial Technology

Date:- 06/10/2017

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Dinesh, Krishanender, Archana Verma, Ishwar Das Gupta, Yash Pal Thakur, Nishant Verma, and Ashwani Arya. "Identification of polymorphism in exons 7 and 12 of lactoferrin gene and its association with incidence of clinical mastitis in Murrah buffalo", Tropical Animal Health and Production, 2015.

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Ravneet Chug

the degree of

**Doctor of Philosophy
(Biotechnology)**


**on the thesis titled : "Studies on Bioremediation Potential
of Bacterial Extracellular Polymeric Substances on
Heavy Metal Contaminated Water Samples"**

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Jaipur-303007
Tel.: 01426-405614 (Direct), 405678
Fax: 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**Studies on Bioremediation Potential of Bacterial Extracellular Polymeric Substances on Heavy Metal Contaminated Water Samples**”, is submitted to the Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Ravneet Chug** in the Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Dr. Shruti Mathur
Guide

Dr. Vinod Singh Gour
Co-Guide

Prof. (Dr.) S. L. Kothari
Director
Amity Institute of Biotechnology

Date- 17-8-2017

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LITERATURE SOURCES

Chug, Ravneet, Vinod Singh Gour, Shruti Mathur, and S.L. Kothari. "Optimization of Extracellular Polymeric Substances production using *Azotobacter beijerinckii* and *Bacillus subtilis* and its application in chromium (VI) removal", *Bioresource Technology*, 2016.

Publication

%4

Freitas, F. "Advances in bacterial exopolysaccharides: from production to biotechnological applications", *Trends in Biotechnology*, 201108

Publication

%1

www.mdpi.com

Internet Source

%1

Zhang, Jun, Ya-chen Dong, Lin-lin Fan, Zhi-hua Jiao, and Qi-he Chen. "Optimization of culture medium compositions for gellan gum production by a halobacterium *Sphingomonas paucimobilis*", *Carbohydrate Polymers*, 2015.

Publication

%1

Ai, Hongxia, Min Liu, Pingru Yu, Shaozhi Zhang, Yukai Suo, Ping Luo, Shuang Li, and Jufang Wang. "Improved welan gum production by *Alcaligenes* sp. ATCC31555 from pretreated cane molasses", *Carbohydrate Polymers*, 2015.

Publication

%1

Wei, X.. "Influence of extracellular polymeric substances (EPS) on Cd adsorption by bacteria", *Environmental Pollution*, 201105

Publication

%1

Quintelas, Cristina, Ricardo Pereira, Ecem Kaplan, and Teresa Tavares. "Removal of Ni(II) from aqueous solutions by an *Arthrobacter viscosus* biofilm supported on zeolite: From laboratory to pilot scale", *Bioresource Technology*, 2013.

Publication

%1

Vu, Barbara, Miao Chen, Russell J. Crawford, and Elena P. Ivanova. "Bacterial Extracellular Polysaccharides Involved in Biofilm Formation", *Molecules*, 2009.

Publication

<%1

Sze, Jun Hui, Jeremy C. Brownlie, and Christopher A. Love. "Biotechnological production of hyaluronic acid: a mini review", *3 Biotech*, 2016.

Publication

<%1

espace.inrs.ca

Internet Source

mic.sgmjournals.org

Internet Source

%1

7 More, T.T., J.S.S. Yadav, S. Yan, R.D. Tyagi, and R.Y. Surampalli. "Extracellular polymeric substances of bacteria and their potential environmental applications", *Journal of Environmental Management*, 2014.

Publication

%1

8 Submitted to Amity University

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9 Polysaccharides, 2015.

Publication

%1

10 Sheng, G.P. "Extracellular polymeric substances (EPS) of microbial aggregates in biological wastewater treatment systems: A review", *Biotechnology Advances*, 201011/12

Publication

%1

11 wtert.in

Internet Source

%1

12 Ozturk, Sahlan, Tayfun Kaya, Belma Aslim, and Sema Tan. "Removal and reduction of chromium by *Pseudomonas* spp. and their correlation to rhamnolipid production", *Journal of Hazardous Materials*, 2012.

Publication

%1

18 Internet Source

<%1

19 Hou, Wenjie, Zhanqiang Ma, Liangliang Sun, Mengsha Han, Jianjun Lu, Zhenxiu Li, Osama Abdalla Mohamad, and Gehong Wei. "Extracellular Polymeric Substances from Copper-Tolerance, *Sinorhizobium meliloti* Immobilize Cu²⁺", *Journal of Hazardous Materials*, 2013.

Publication

<%1

20 Bourven, Isabelle, Guillaume Bachelier, Guy Costa, and Gilles Guibaud. "Evidence of glycoproteins and sulphated proteoglycan-like presence in extracellular polymeric substance from anaerobic granular sludge", *Environmental Technology*, 2015.

Publication

<%1

21 Aquino, Elen, Cleide Barbieri, and Claudio Augusto Oller Nascimento. "Engineering Bacteria for Bioremediation", *Progress in Molecular and Environmental Bioengineering - From Analysis and Modeling to Technology Applications*, 2011.

Publication

<%1

22 upetd.up.ac.za

Internet Source

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23 Guibaud, G.. "Sorption of Cd(II) and Pb(II) by exopolymeric substances (EPS) extracted from activated sludges and pure bacterial

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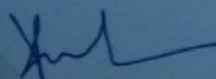
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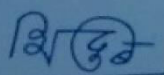
Doctor of Philosophy
(Electronics and Communication Engineering)

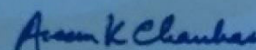
on the thesis titled :
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Texture Analysis of Medical Images”

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CERTIFICATE

This is to certify that thesis entitled “**Symlet Wavelet Based Texture Analysis of Medical Images**” is submitted to Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Ashwani Kumar Yadav** in the Department of Electronics & Communication Engineering, ASET, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The Candidate has successfully completed the course work as per University guidelines.

Dr. Ratnadeep Roy
Supervisor

Prof. (Dr.) Raj Kumar
Co-supervisor

Prof. (Dr.) D.D Shukla
Director

Amity School of Engineering & Technology,
Amity University Rajasthan, Jaipur

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PRIMARY SOURCES

1 Ashwani Kumar Yadav, Ratnadeep Roy, Raj Kumar, Cheruku Sandesh Kumar, Archek Praveen Kumar. "Algorithm for de-noising of color images based on median filter", 2015 Third International Conference on Image Information Processing (ICIIP), 2015
Publication %2

2 Yadav, Ashwani Kumar, R. Roy, Archek Parveen Kumar, Ch. Sandesh Kumar, and Shailendra Kr. Dhakad. "De-noising of ultrasound image using discrete wavelet transform by symlet wavelet and filters", 2015 International Conference on Advances in Computing Communications and Informatics (ICACCI), 2015.
Publication %1

3 Submitted to University of Glamorgan
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S. Samara Shekar Reddy

the degree of

**Doctor of Philosophy
(Biotechnology)**

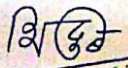
**on the thesis titled : "Studies on Agrobacterium
Mediated Genetic Transformation of Oryza sativa L.
(indica rice cultivars) for Abiotic Stress Tolerance"**

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the Seal of the University is hereunto affixed.*

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Tel: 01426-405614 (Direct), 405678
Fax: 01426-405679

CERTIFICATE

This is to certify that thesis entitled "**Studies on Agrobacterium Mediated Genetic Transformation of *Oryza sativa* L. (indica rice cultivars) for Abiotic Stress Tolerance**" submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. S.Samara Shekar Reddy** at Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.

Associate Prof. Dr. Bharat Singh
Supervisor

Prof. (Dr.) A. Sadanandam
Co-Supervisor

Prof. (Dr.) S.L. Kothari
Director- Amity Institute of Biotechnology

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1 nopr.niscair.res.in % **7**
Internet Source

2 Sankepally, Samar Shekar R., and Bharat Singh. "Optimization of regeneration using differential growth regulators in indica rice cultivars", 3 Biotech, 2016. % **5**
Publication

3 www.cropj.com % **3**
Internet Source

4 www.omicsonline.org % **1**
Internet Source

5 Submitted to Higher Education Commission Pakistan <% **1**
Student Paper

6 Javaid, Arshad. "EFFECTS OF BIOFERTILIZERS COMBINED WITH DIFFERENT SOIL AMENDMENTS ON POTTED RICE PLANTS", Chilean Journal of Agricultural Research/07185820, 20110101 <% **1**
Publication

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AMITY UNIVERSITY

RAJASTHAN

*on recommendation of the Academic Council
has conferred upon*

Nidhi Mathur

the degree of

**Doctor of Philosophy
(Biotechnology)**

on the thesis titled :

**“In Silico Design, Construction and Expression of
Bacterial Endo-Beta 1, 4-D-Xylanase gene in E. coli”**

*having completed in the year 2017 in witness whereof
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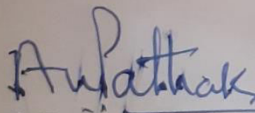
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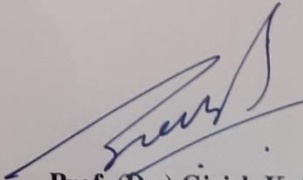
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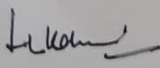
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Fax: 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**In Silico Design, Construction and Expression of Bacterial Endo-Beta 1, 4- D-Xylanase gene in *E. coli***” submitted to the Amity University Rajasthan, in partial fulfillment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Ms. Nidhi Mathur** at Amity Institute of Biotechnology, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The candidate has successfully completed the course work as per the University guidelines.


Prof. (Dr.) A.N. Pathak
Guide


Prof. (Dr.) Girish K. Goswami.
Co-Guide


Prof. (Dr.) S.L. Kothari
Director- Amity Institute of Biotechnology



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Neeta Kulkarni. "Molecular and biotechnological aspects of xylanases", FEMS Microbiology Reviews, 7/1999

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Sibtain Ahmed. "Molecular cloning of fungal xylanases: an overview", Applied Microbiology and Biotechnology, 07/01/2009

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*on recommendation of the Academic Council
has conferred upon*

Archek Praveen Kumar

the degree of

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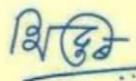
**on the thesis titled : "Novelty of Speech Recognition for
Telugu Language: Combined MFCC Features extraction
and Classification Techniques"**

*having completed in the year 2017 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 27th day of January, 2018.




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Kant Kalwar, NH-11C,
Jaipur (Rajasthan) 303002
Tel. : 01426-405678
Fax : 01426-405679

CERTIFICATE

This is to certify that thesis entitled “**Novelty of Speech Recognition for Telugu Language: Combined MFCC Features Extraction and Classification Techniques**”, is submitted to Amity University Rajasthan, in partial fulfilment for the degree of Doctor of Philosophy. The thesis embodies original research work carried out by **Mr. Archek Praveen Kumar** in the Department of Electronics & Communication Engineering, ASET, Amity University Rajasthan, Jaipur-303002 under our guidance and has not been submitted in part or full, for the award of any degree or diploma, to any other University. The Candidate has successfully completed the course work as per University guidelines.

Dr. Ratnadeep Roy
Supervisor

Dr. Sanyog Rawat
Co-supervisor

Prof. (Dr.) D.D Shukla
Director

Amity School of Engineering & Technology,
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