Supporting Documents Metric No- 6.5.1

6.5.1.-QlM Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Proof of Practice 1: "Fostering a culture of interdisciplinary research, encouraging collaborative research and outreach activities"

1. Collaborative research initiated at AUH



May 26th, 2022

This letter is written to certify that Dr. Anurag Sharma and Dr. Anirban Das of Amity School of Applied Sciences, Amity University Haryana, Manesar, Haryana, India have been granted \$2000 by Applied Membrane Technology Inc. (AMT) on November 11th, 2021 to carry out the following Project.

PROJECT TITLE:

"Functionalization of aminated hollow fiber membranes with metal nanoparticles and evaluation of their catalytic and antimicrobial

The duration of the project was expected to be 6 months. I understand that while the preliminary experiments on attaching the nanoparticles and protein molecules on the membranes are underway, you may have funds still left to spend after the initial 6 months. You have AMT permission to extend the project by 6 another months. Please let us know if additional finding becomes required during the extension.

Best Regards,

Stephen P. Conover

President & C.E.O. Applied Membrane Technology, Inc. 11558 Encore Circle, MTKA, MN.

Tel:+1 (952) 933-5121 Fax:+1 (952) 933-8839

Amity University Haryana Manesar Gurgaon-122413

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- 2. Some highlighted interdisciplinary research at AUH by Ph.D scholars are as follows:
 - 1. "Development of a novel antimicrobial formulation for surface coating of contact lens container"
 - 2. "Hate Speech Detection" under the department of data science and Computer science.
 - 3. "Insilco investigation of potential drug candidates for the development of new therapeutics against Mycobacterium tuberculosis" in collaboration of Data science and Biotechnology department.
 - 4. "Design and implementation of hybrid intrusion detection mechanism for IoT network" in collaboration of data science and engineering department.
 - 5. "A Study of Female Audience Reception of Mainstream Female Stand-Up
 Comedies In India: A Contribution to Critical Discourse Analysis"







Established vide Government of Haryana Act No.10 of 2010

(Accredited with Grade 'A' by NAAC)



AMITY UNIVERSITY

HARYANA

Established vide Government of Haryana Act No. 10 of 2010

AUH/PH.D/AMS/11

28th Mar 2019

To.

Mr. Gaurav Kumar Bhardwaj B-731, Palam Vihar Gurgaon



SUB: Registration for Ph.D

Dear Mr. Gaurav Kumar Bhardwaj,

We are pleased to inform that you have been registered as a Part Time Ph.D Research Scholar Enrollment No A51389515003 at Amity University Haryana (Amity Medical School) w. e. f. Dec 24th 2015. The area of your Ph.D is broadly "Development of a Novel Antimicrobial Formulation for Surface Coating of Contact Lens Container."

Please note that you will be abide by Amity University regulations and guidelines for Ph.D Program as on date and as amended from time to time.

For any clarification you may please contact your guide Dr. Joydeep Dutta & co guide the undersigned.

With Best Wishes,

Amity Univ

Registrar Amity University, Haryana Manesar, Gurugram 122413

enry Education valley, Gurgson (Manesar)-122413 (Haryana) | Tel: 0124-2767849, 2337645 | Fax: 0124-2337637 Gurgson Office: Amity International School Campus, Sector-46, Gurgson (Haryana) | Tel: 0124-3225651

'Development of a novel antimicrobial formulation for surface coating of contact lens container'



Synopsis submitted

By

Gaurav Kumar Bhardwaj

PhD Scholar

Batch (2015-18)

UNDER THE GUIDANCE OF

Prof. [Dr.] Joydeep Dutta

[Supervisor]

Jyde Blta

Dr. Kamal Pant

[Co-Supervisor]

of Health and Allied Sciences, Amity Medical School

Department of optometry & vision science Registr

Amity University Haryana Manesar Gurgaon-122413

A Study of Female Audience Reception of Mainstream Female Stand-Up

Comedies In India:

A Contribution to Critical Discourse Analysis

SYNOPSIS

SUBMITTED IN FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE

OF

DOCTOR OF PHILOSOPHY
IN JOURNALISM & MASS COMMUNICATION

By

Rana Bedi

Enrollment No.- A50460119001

UNDER THE GUIDANCE OF

Prof. (Dr.) Udaya Narayana Singh

(Chair-Professor and Dean, Faculty of Arts, Amity University Haryana)

Co-Supervisor **Dr Swati Guha**, Director, ILSR, Kolkata



Amity School of Communication Amity University Haryana Gurugram-122413, India

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3. Interdisciplinary research papers published by the faculty members.

S. No.	Authors	Title	Source title	Authors with affiliations
1	Aayushi Arora, Siddhant Singh, Preeti Oswal, Divyanshu Nautiyal, Gyandshwar K.Rao, Sushil Kumar, Arun Kumar	Preformed molecular complexes of metals with organoselenium ligands: Syntheses and applications in catalysis	Coordination Chemistry Reviews	Department of Chemistry, School of Physical Sciences (SoPS), Doon University, Dehradun, Uttarakhand 248012, India; Department of Chemistry, Amity School of Applied Sciences, Amity University Haryana (AUH), Gurgaon, Haryana 122413, India
2	Sachdeva G., Vaya D.,Srivastava C.M., Kumar A., Rawat V., Singh M., Verma M., Rawat P., Rao G.K.	Calix[n]arenes and its derivatives as organocatalysts	Coordination Chemistry Reviews	Department of Chemistry, Biochemistry and Forensic Science, Amity School of Applied Sciences, Amity University Haryana, Haryana, Gurugram, 122413, India; Department of Chemistry, Doon University, Uttarakhand, Dehradun, 248012, India; Faculty of Exact Sciences, School of Chemistry, Tel Aviv University6997801, Israel; NuChem Sciences, Saint-Laurent, QC H4R 2N6, Canada; Water-Energy Nexus Laboratory, Department of Environmental Engineering, University of Seoul, Seoul, 02504, South Korea; Department of Applied Physics and Institute of Natural Sciences, Kyung There in Natural Sciences, Kyung There in Natural Sciences, Kyung There in Natural Sciences, Kyung There is the Natural Sciences of the Na



				17104, South Korea
3	Kumar K.N.S., Sharma S., Mourad AH.I., Sharma P.B.	A Literature Review for Development of Advanced Composites Materials by Reinforcement of Epoxy Composites with Graphene and Natural Silk	Lecture Notes in Mechanical Engineering	Mechanical Engineering Department, ASET, Amity University, Haryana, Gurugram, India; Mechanical Engineering Department, College of Engineering, United Arab Emirat
4	Pandya G., Kirtonia A., Singh A., Goel A., Mohan C.D., Rangappa K.S., Pandey A.K., Kapoor S., Tandon S., Sethi G., Garg M.	A comprehensive review of the multifaceted role of the microbiota in human pancreatic carcinoma	Seminars in Cancer Biology	Garg, M.; Amity Institute of Molecular Medicine and Stem Cell Research (AIMMSCR), India; email: mgarg@amity.edu Sethi, G.; Department of Pharmacology, Singapore; email: phcgs@nus.edu.sg
5	Kirtonia A., Gala K., Fernandes S.G., Pandya G., Pandey A.K., Sethi G., Khattar E., Garg M.	Repurposing of	Seminars in Cancer Biology Amity	Amity Institute of Molecular Medicine and Stem cell Research (AIMMSCR), Amity University Uttar Pradesh, Noida, 201313, India; Sunandan Divatia School of Science, SVKM's NMIMS (Deemed to be University), Vile Parle West, Mumbai, 400056, India; Amity Institute of Biotechnology, Amity University Haryana, Manesar, Haryana 122413, India, Department of Pharmacology, Yong Loo
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				Lin School of Medicine, National University of Singapore, Singapore, 117600, Singapore; Equal contribution
6	Kumari S., Kumar M., Esquivel B.D., Wasi M., Pandey A.K., Khandelwal N.K., Mondal A.K., White T.C., Prasad R. , Gaur N.A.	Unmasking of CgYor1- Dependent Azole Resistance Mediated by Target of Rapamycin (TOR) and Calcineurin Signaling in Candida glabrata	mBio	Prasad, R.; Amity Institute of Biotechnology and Integrative Science and Health, Haryana, India Gaur, N.A.; Yeast Biofuel Group, India
7	Sharma J., Kumar V., Prasad R ., Gaur N.A.	Engineering of Saccharomyces cerevisiae as a consolidated bioprocessing host to produce cellulosic ethanol: Recent advancements and current challenges	Biotechnology Advances Amity	Sharma, J., Yeast Biofuel Group, DBT-ICGEB Centre for Advanced Bioenergy Research, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, 110067, India, Amity Institute of Biotechnology, Amity University, Haryana, Gurgaon, India; Kumar, V., School of Water, Energy and Environment, Cranfield University, Cranfield University, Cranfield, MK43 0AL, United Kingdom; Prasad, R., Amity Institute of Biotechnology, Amity University, Haryana, Gurgaon, India; Gaur, N.A., Yeast Biofuel Group, DBT-ICGEB Centre for Advanced Bioenergy Research, International Centre for Genetic Engineering and and Control of Centre for Genetic Engineering and Centre for Genetic Engineerin
Page 9 of 14				



			Biotechnology (ICGEB), New Delhi, 110067, India	
Khatoon R., Sharma S., Prasad R ., Lynn A.M., Prakash A., Banerjee A .	Genome-wide analysis of PTR transporters in Candida species and their functional characterization in Candida auris	Applied Microbiology and Biotechnology	Amity Institute of Biotechnology, Amity University Haryana, Panchgaon, Manesar, Haryana, Gurugram, India; Amity Institute of Integrative Sciences and Health, Amity University Haryana, Panchgaon, Manesar, Haryana, Gurugram, India; School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi, India	
Bhardwaj R., Sharma A., Ghosh S., Mani N., Kumar K.		Mathematical Problems in Engineering Amity	Bhardwaj, R., Department of Mathematics, Amity School of Applied Sciences, Amity University, Haryana, Gurugram, India; Sharma, A., Department of Mathematics, Amity School of Applied Sciences, Amity University, Haryana, Gurugram, India; Ghosh, S., Department of Mathematics, Amity School of Applied Sciences, Amity University, Haryana, Gurugram, India; Mani, N., Department of Mathematics, Chandigarh University, Mohali, India; Kumar, K., Department of Mathematics, Amity School	
Page 10 of 14				

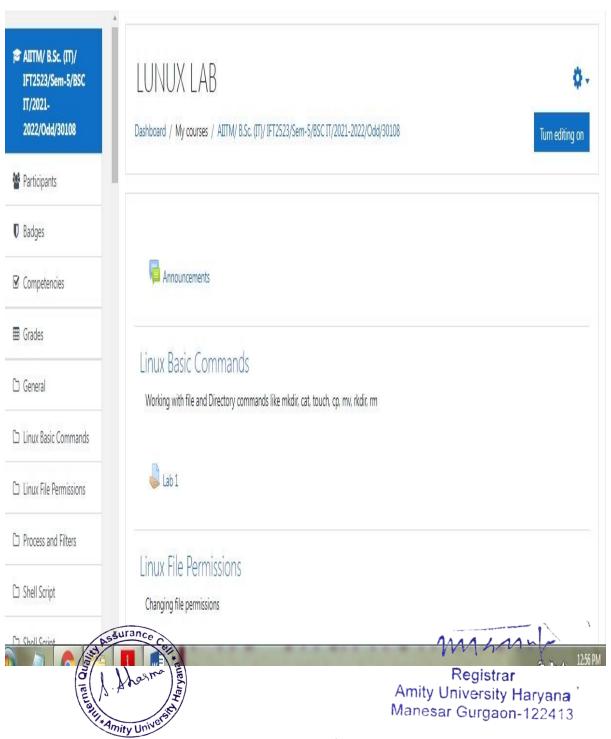


10		Analysis of I-V-T Characteristics of CH3NH3PbBr3		of Applied Sciences, Amity University, Haryana, Gurugram, India Zaidi, B., Department of Physics, Faculty of Matter Sciences, University of Batna 1, Batna, Algeria; Ullah, M.S., Department of Electrical and Computer Engineering, Florida Polytechnic University, Lakeland, United States;
	Zaidi B., Ullah M.S., Zahra S., Gagui S., Shekhar C.	[Аналіз	Journal of Nano- and Electronic Physics	Zahra, S., Department of Physics, Division of Science & Technology, University of Education, Lahore, Pakistan; Gagui, S., Laboratory of Semiconductors, Department of Physics, University of Badji-Mokhtar, Annaba, Algeria; Shekhar, C., Department of Physics, Amity School of Applied Sciences, Amity University Haryana, Gurgaon, India

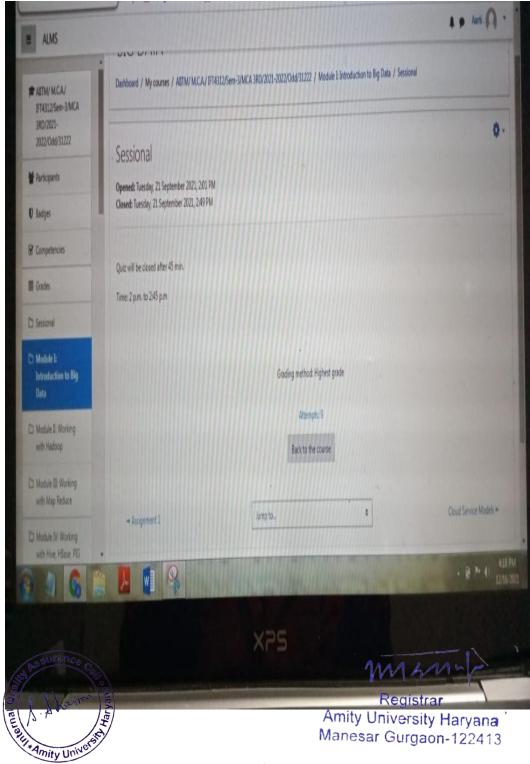




Proof of Practice 2: "Student Centric Learning, Evaluation with the Learning Management System"







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