

(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)

1. Details of the Teacher/ Academic:

Name & Date of Birth :	ARVIND KUMAR SHAKYA & 05th Oct. 1980
Date of Joining in IGNOU:	30 th May, 2011
Current Designation :	Assistant Professor
Pay Scale as on date :	11-68900-205500 (Pay Band)
Qualifications :	M.Sc. Ph.D. Biochemistry

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

Name of the recipient,	Honour /Award/ Fellowship name	Agency name /Name of statutory body/ institution/ Apex body	Period
Arvind K. Shakya	Lecturership (Life Sciences)	CSIR-NET	June 2005 & June 2006
Arvind K. Shakya	Young Investigator Award for best Oral Paper presentation	Jamia Hamdard, New Delhi	2018
Arvind K. Shakya	Third prize for Oral paper presentation	Department of Biotechnology, IMS Engineering College, Ghaziabad, U.P.	2016
Dr. Arvind K. Shakya		Society of ethnopharmacology (Membership No. SFE/16/I-697)	2017-18
Dr. Arvind K. Shakya		Biotechnology Society of India (Membership No. 379)	Life Member

3. Books/Book Chapter:

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No.

S. No.	Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1.	Arvind K. Shakya	Inborn Errors of Metabolism	Advances in Biochemistry & Applications in Medicine	Access eBook	2017	1-32	978-81-935757-1-0

4. Research Articles/Publications:

S. No.	Author/ Co- author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No.
i.	Author	Natural phytochemicals: Potential anti-HCV targets in silico approach	Journal of Applied Pharmaceutical Science		001-008	June, 2019	2231-3354
ii.	Author	Protective effect of Sharbat-e-Deenar against acetaminophen-induced hepatotoxicity in experimental animals	J. of Traditional Chinese Medicine	15; 37(3):	387-392.	2017	0255-2922
iii.	Author	Medicinal plants: Future source of new drugs.	International J. of Herbal Medicine	4(4)	59-64	2016	2321-2187
iv.	Co- Author	Reversal of Methylmercury-Induced Oxidative Stress, Lipid Peroxidation, and DNA Damage by the Treatment of N-Acetyl Cysteine: A Protective Approach.	Journal of Environmental Pathology, Toxicology and Oncology.	33:2	167-182.	2014	0731-8898
v.	Co- Author	Co-administration of Aloe vera with piperine and Moringa oleifera with curcumin attenuate beryllium induced blood biochemical alterations in rat	Journal of Cell and Tissue Research	3(3)	3893-3897	2013	0973-0028
vi.	Author	Hepatoprotective efficacy of Sharbat-e-Deenar against carbon tetrachloride-induced liver damage	J Environ Pathol Toxicol Oncol	31;2	131-41	2012	0731-8898
vii.	Co- Author	Therapeutic Efficacy of <i>Rosa damascena Mill.</i> on Acetaminophen-Induced Oxidative Stress in Albino Rats.	J Environ Pathol Toxicol Oncol	31.3.	193-201.	2012	0731-8898
viii.	Author	Evaluation of hepatoprotective	Drug Development	72:4	346-352.	2011	1098-2299

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		efficacy of Majoon-e-Dabeed-ul-ward against acetaminophen induced liver damage: A Unani herbal formulation.	Research				
ix.	Author	Evaluation of the antioxidant and hepatoprotective effect of Majoon-e-Dabeed-ul-ward against carbon tetrachloride induced liver injury.	Exp Toxicol Pathol	64(7-8):	767-773.	2012	0940-2993
x.	Co-Author	Tocopherol Content and Profile of Soybean Genotypic Variability and Correlation Studies	Journal of the American Oil Chemists' Society	84: 4	377-383	2007	1558-9331
xi.	Co-Author	Interrelationship between oil content and fatty acid composition in Indian soybean (Glycine max) cultivars	Indian Journal of Agricultural Science.	77:3	195- 198	2007	0019-5022

5. Policy Documents Reports/ Mimeos:

S.No.	Title	Institution/ Agency	Year

6. Book Review published:

S.No.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

S.No.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
i.	Author	Paper Presentation, Experimental Study Of Unani Formulations Against Carbon Tetrachloride	Dept. Of Biochemistry Jawahar Lal Nehru Medical college, Aligarh Muslim University	National Conference on Recent Developments in Biomedical, Unani and Ayurvedic	Aligarh (U.P.)	11 & 12 March 2019

		Induced Hepatotoxicity	(AMU)	Translational Research & Darker Side of Rampant Use of Lead Based Products		
ii.	Author	Paper Presentation, Experimental evaluation of Sharbat-e-Deenar and Majoon-e-Dabeed-ul-ward against Carbon-tetrachloride induce hepatotoxicity	Jamia Hamdard, New Delhi	AICTE sponsored One-day National Conference on Pharmaceutical Regulatory Landscape: its Key Role and Functions”	New Delhi	13th Feb. 2018
iii.	Author	Paper Presentation, Reversal of Carbon tetrachloride induced Oxidative stress and DNA damage by the Treatment of Sharbat-e-Deenar and Majoon-e-Debeed-ul-ward: A Protective Approach	Zakir Hussain College DU, New Delhi	National Conference on Diseases and Drugs: Emerging Trends and Challenges	New Delhi	Jan 31st to Feb 1st 2018
iv.	Author	Paper Presentation, Hepatoprotective Activity of a Unani Drug Sharbat-e-Deenar against Acetaminophen-induced Liver Damage in Experimental Animals: A Protective Approach	School of Biotechnology, Gautam Buddha University,	National Conference on Development and advancement in conservation, propagation and sustainable utilization of medicinal plants	Noida (U.P.).	20-21 January, 2017
v.	Author	Paper Presentation, Scientific validation for Hepatoprotective potential of Sharbat-e-Deenar against Acetaminophen	Krishi Sanskriti Publication	International Conference on Recent Research in Biomedical Engineering, Biochemistry, Bioethics, Bioinformatics, Cancer Biology,	New Delhi	May 2017

		induced liver toxicity		Stem Cells and Applied Biotechnology		
vi.	Author	Paper Presentation, Hepatoprotective Potential of Sharbat-E-Deenar: A Polyherbal Formulation	IMS Engineering College, Ghaziabad U.P.	National Conference Biotechnological perspectives in Healthcare	Ghaziabad U.P.	July, 2016
vii.	Author	Paper Presentation, Acetaminophen induced liver toxicity in experimental rats and hepatoprotective effects of Majoon-Dabeed-ul-ward: A polyherbal formulation	Jamia Millia Islamia, New Delhi	National Conference On Metal Toxicology and Oxidative stress held on 23rd-24th, September, 2014	New Delhi	2014

8. Study Tour Organised/ Participated/ Attachment Organized/Internship:

S.No.	Details of the tour/Seminar	Name of coordinating body	Duration
i.	Organised National Seminar on “Thoughts and Ideology of Bharat Ratna Dr. B.R. Ambedkar: Acceptance, Deviations and Relevance, India 2025	Indira Gandhi Centre for Freedom Struggle Studies and IGNOU SC/ST Teacher’s Welfare Association, Indira Gandhi National Open University, New Delhi	November 16 – 18, 2016
ii.	Organised online Essay and poster competition for All IGNOU Learners (current & alumni) on the theme: “Babasaheb Dr. B.R. Ambedkar’s Contribution to Nation Building”, and Life and Events of Bharat Ratna Dr. B. R. Ambedkar”,	IGNOU and IGNOU SC/ST Teacher’s Welfare Association, Indira Gandhi National Open University New Delhi	August 20, 2017
iii.	Organised Painting competition for School level students from I to XII on the theme: Portrait and Major life events of Bharat Ratna Baba Saheb Dr. B.R. Ambedkar and Swachh Bharat Abhiyan	Indira Gandhi National Open University, New Delhi	August 20, 2017
iv.	Organised national seminar on 126 th Birth Anniversary of Bharat Ratna Baba Saheb Dr. B.R. Ambedkar	IGNOU and IGNOU SC/ST Teacher’s Welfare Association, Indira Gandhi National Open University, New Delhi	21 st August, 2017

9. Consultancy assignment (if any):

S.No.	Organization/ agency	Cost, title of consultancy	Duration

10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

S. No.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed

11. Details of PhD Scholars (including those awarded degree):

S. No.	Name and enrolment no:	Year of registration	Year of completion/ award
1.	Ms. Deena Parkash (Enrolment no. 173101768)	January 2017 cycle	Ongoing
2.	Ms. Divya Bisht (Enrolment no. 179342230)	July 2017 cycle	Ongoing

12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:

S.No.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/Written/ Edited (content/ language/ format)/ Translated	Period
1.	B.Sc. (Major) Biochemistry	BBCE-001 BBCE-004		Coordination and Unit writing	2011-15
2.	B.Sc. (Hons.) Biochemistry Programme (UGC-CBCS)	Cell Biology & lab course (BBCCT103-104), Human Physiology & Lab course (BBCCT-115-116), Tools & Techniques of Biochemistry (BBCS-183), BBCET-145 BBCET-149		Course Coordination Unit writing: Written 07 units of the Cell Biology (BBCCT-103). Unit 2 Water and 12 Vitamins, Course: Molecules of life (BBCCT-101)	2015-onwards

13. Training programmes designed and conducted, duration and dates

S.No.	Programme	Dates	Place	Number of Participants

14. Details of Counselling sessions conducted:

S.No.	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	BDP	Biochemistry	EMPC IGNOU	26.05.2019	1 hours	Radio counselling
	BDP	Biochemistry	EMPC IGNOU	16.04.2019	1 hours	Radio counselling
	BDP	Biochemistry	EMPC IGNOU	02.04.2019	1 hours	Radio counselling
2.	BDP	Biochemistry	EMPC IGNOU	25.04.2017	1 hours	Radio counselling
3.	BDP	Biochemistry	EMPC IGNOU	23.07.2017	1 hours	Radio counselling
4.	M.Sc. Chemistry	MCH-533	SOS, IGNOU	July 2012	One semester	Face to Face
5.	Ph.D. Biochemistry	RBC-003 RBC-004	SOS IGNOU	July 2015- 2019	4 yrs	Face to Face

15. Details of Patents granted (if any):
16. Contribution to IGNOU's corporate life:

S. No.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.	Member	School Board SOS	2012-2014
2.	Member	School Board Standing Committee SOS	2012-2014
3.	Member	Seminar Committee SOS	2013-16
4.	General Secretary	IGNOU SC/ST Teacher's Welfare Association	2015-2017

17. Administrative position/s held in the University (even as in charge)

S. No.	Designation	Period
1.	Discipline Group Coordinator	July 2015-June 2016
2.	Discipline Group Coordinator	July 2018-June 2019

18. Any other contribution/information.

- Evaluated articles for AWASR award, 2018.

Invited reviewer for the Journals: Experimental J. of Environmental oncology, toxicology and pathology, J. of Pharmaceutical Biology, V. International Journal of Research. Toxicology and Pathology,

Participated Workshop/Training Programme /Seminar:

1. One Day Seminar on “Innovative Practices in IGNOU” on the occasion of World Creativity and Innovation Day 22nd April, 2019 Organized by National Centre for Innovation in Distance Education, IGNOU, New delhi.
2. Two Day Workshop on “Creative Use of ICT Tools: Towards Innovative Learning Solutions” for teachers of IGNOU held on April 09 & April 10, 2019 at NCIDE Conference Room, IGNOU, New Delhi.
3. 9th workshop on bioinformatics and molecular Modeling in Drug Design (BIF-MMDD) held on March 25-27, 2019 organized by Dr. b.R. Amberdkar Center for biomedical Research (ACBR), University of Delhi, Delhi-110007.
4. Two day National Workshop on Drug Discovery Technology-computational Approaches in Drug Discovery & Design held on 18th -19th January, 2018 at Department of Biomedical Sciences, Shaheed Rajguru college of Applied Sciences for Women and Biodiscovery Group India, Noida New Delhi.
5. Bioinformatics workshop on Drug Design held under the aegis of Foundation for Innovation and Technology Transfer from Aug. 8-10, 2016 at the Supercomputing Facility for Bioinformatics & Computational Biology (SCFBio.), Indian Institute of Technology Delhi.
6. Creative use of Technology and Tools for Teaching and Learning by National Centre for Innovation in distance Education 20th-21st.02.2013.
7. Creativity in Design and development of SLM by National Centre for Innovation in distance Education 22nd-23rd.01.2013.
8. Computational Approach for Lead Optimization in Drug Discovery, DBT funded, SV College (Delhi University) in association with Schrodinger, Inc. USA on 22-23, Dec, 2011.
9. Workshop on Creativity in design and development of Self Instructional Materials- Print held on 22-23th January, 2013 at IGNOU, New Delhi.

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10. Seminar cum workshop on Computational approach for lead optimization in drug discovery (22-23rd Dec. 2011) at Bioinformatics Centre, Vekantesawara College, University of Delhi, New Delhi.
11. **International Training Workshop** on Traditional Chinese Veterinary Medicine (July 15, 2009 to August 3, 2009), LAN Zhou Institute of Animal Science and Veterinary Pharmaceutical, CAAS, P.R. China.
12. Training on animal tissue culture and flow cytometric analysis of herbal drugs in animal cell lines (1st Feb. to 14 Feb 2009) at Indian Institute of Integrative Medicine, Pharmacology division, Jammu & Kashmir, India.
13. 4thDBT Hands- on Training workshop on – Methods in clinical diagnosis: Cytogenetics, Biochemical, Molecular & Bioinformatics Approaches, 23th July – 11th August, 2007, in Human genomics and Genetics department, Jiwaji University, Gwalior (M.P.)
14. Training programme on Bioinformatics (September, 1-30, 2005) at Maulana AZAD National Institute of Technology, sponsored by MPSTEP Bhopal (M.P.).

Signature of Teacher /Academic

Signature of Director/ Head