

1. Details of the Teacher/ Academic :

Name & Date of Birth :	Dr. Rachna Agarwal ; 14 August 1972
Date of Joining in IGNOU:	21 April 2009
Current Designation :	Assistant Professor
Pay Scale as on date :	Rs. 68,900 – 2,05,500/-
Qualifications :	Ph.D (Air Pollution & Pulmonary Effects), IIT-Delhi M.Sc. (Environment Sciences), Jiwaji Univ., Gwalior B.Sc. (Botany Hons.), Gargi College, D.U, Delhi Post Graduate Diploma in Distance Education(PGDDE) , IGNOU Certificate in Health Care Waste Management (CHCWM), IGNOU

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/ membership of Professional body/ Statutory body	Agency name /Name of statutory body/ institution/ Apex body	Period
Dr.Rachna Agarwal	Member of Academic Council-IGNOU	IGNOU	2016 - 2018
	Member of Doctoral Committee-SOVET		2013 – Till date
	Member of School Board- SOVET		2013 – Till date
	Member of School Council-SOVET		2013 – Till date
	Convener of School Council-SOVET		2013 – 2014 2015 – 2016
	Convener of Media Activities-SOVET		2011 – 2013 2014 – 2015 2016 - 2017
	Member of Indian Institute of Technology Alumni, New Delhi	IIT- Delhi	2006 – till date
	Member of Indian Association for Social Sciences and Health, Mumbai	Tata Institute of Social Sciences, Mumbai	2007 – till date
	Member of Indian Meteorological Society, Lodhi Road, New-Delhi	Indian Meteorological Department (IMD)	2005 - 2015

3. Books/Book Chapter:

Co-author/co-editor , title, place of publication, publisher, Year, page (nos.), ISBN No

SN o.	Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1.	Rachna Agarwal (1) & Ashok K Gaba	'The NSQF and Vocational Education & Training through Open and Distance Learning: Issues & Challenges'. In - Emerging Trends in Technical and Vocational Education and Training, (By: Prof. Asfa M. Yasin and Prof. R.B. Shivagunde)	New Delhi	Lenin Media Private Ltd., New Delhi	2016	10 (609-618)	978-93-85160-76-9

4. Research Articles/Publications:

SNo.	Author/ Co-author	Title	Name of Journal	Volume	page no.(s)	Year	ISSN No
1.	Thomas, A., & Agarwal. R.	A Study on Entrepreneurship and Skill training through Vocational Higher Secondary Schools in Kerela	International Education and Research Journal (IERJ)	3 (3)	28-29	2017	2454-9916
2.	Agarwal, R., Jayaraman, G., Anand S. & Marimuttu P.	Assessing Respiratory Morbidity through Pollution Status and Meteorological Conditions for Delhi	Environmental Monitoring and Assessment (Springer Publication, USA)	114 (1-3)	489-504	2006	1573-2959 (Online) 0167-6369 (Print)
3.	Agarwal, R., Yadav, R., Anand, S. & Jayaraman, G.	Electrical Impedance Plethysmography Technique In Estimating Pulmonary Function Status	Journal of Medical Engineering & Technology (Taylor & Francis, UK)	31 (1)	1-9	2007	Print ISSN: 03 09-1902 Online ISSN: 14 64-522X
4.	Malhotra S., Agarwal R., Saini S.K.	Photo-oxidation of hexacyanoferrate (II) and (III) ions in aqueous solution	Indian Journal of Chemistry	37A	830-833	1998	ISSN: 0975-0975 (Online); 0376-4710 (Print)

5. Policy Documents Reports/ Mimeos: -Nil

SNo.	Title	Institution/ Agency	Year

6. Book Review published : -Nil

SNo.	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)

SNo.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1.	Agarwal, R., Sircar, M., Jayaraman, G. & Anand, S.	Study of Pulmonary Health in persons with Respiratory Complaints	Indira Gandhi Institute of Development Research	International Conference on Eco-balance and Life Cycle Assessment in India	Mumbai	2002
2.	Agarwal, R., Anand, S., Sen, M.K. & Gupta, P.K	Study of Urban Atmospheric Pollutants Impact on Human Health using Spirometry Technique	National Physical Laboratory, CSIR - Delhi	3 rd International conference on Metrology in new millennium and global trade (MMGT-2001)	Delhi	2001
3.	Gupta, P.K, Sarkar, A.K, Sharma, C, Sharma, R.C & Agarwal R.	Green House Gas Emissions from Bio-mass Burning in India	National Physical Laboratory, CSIR - Delhi	3 rd International conference on Metrology in new millennium and global trade (MMGT-2001)	Delhi	2001

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

SNo.	Details of the tour	Name of coordinating body	Duration

9. Consultancy assignment (if any): -Nil

SNo.	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): -Nil

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed

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

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1.	Ms. Anu Thomas 138000285	2013	Ongoing

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

SN o.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated /Written/ Edited (content/ language/ format)/ Translated	Period
1.	Post Graduate Diploma in Pharmaceutical Sales Management (PGDPSM)	<u>MVE 001:</u> Introduction To Anatomy Physiology & Pharmaceutical Chemistry <u>MVE 002:</u> Pharmacology and Toxicology <u>MVE 003:</u> Pharmaceutics <u>MVE 004:</u> Drugs Regulatory Affairs <u>MVE 005:</u> Introduction to Management <u>MVE 006:</u> Sales Management (Total=32 Credits)	Videos – 12 <u>MVE-001:</u> -Introduction to Anatomy & Physiology (5 Videos- Part1a,1b,1c,2a,2b <u>MVE-002:</u> -Pharmaceutical Chemistry (4 Videos – Part 1, 2, 3 & Part -II) <u>MVE-003:</u> -Pharmacology & Toxicology Chemistry (2Videos-Part I & II) <u>MVE-004:</u> Drug Regulatory Affairs (1 Video)	Programme Coordinator (13 Units-Format Editing, Vetting, Proof Reading, Programme Guide, Boucher, Poster, Assignments Preparation, Paper setting, Moderation, Evaluation)	May 09' – till date (July 2019)

2.	Certificate in Hospital Administration Assistantship (CHAA)	<u>BHAI 001:</u> Personality & Skills Development <u>BHAI 002:</u> Hospital Support Services (Total=16 Credits)	Course Coordination (Programme Guide, Boucher, Poster, Assignments Preparation, Paper setting, Moderation, Evaluation, Practical Exam Conduction, Viva voce) <u>Videos:</u> 1.Personality Development for Hospital Assistants 2.Hospital Information System (HIS)	Programme Coordinator (48 Units-Format Editing, Vetting Proof Reading, Fero checking, Cover Design, Credit page etc.)	May 2009 – July 2013
3.	M.Sc. (Environmental Science), SOITS	Environmental Pollution, Control and Management (MEV-015)	Water Pollution and Control	Unit Written	2019
4.	M.Sc. (Environmental Science), SOITS	Environmental Pollution, Control and Management (MEV-015)	We the Polluters	Audio developed	2017
5.	Master of Arts in Extension and Development Studies, SOEDS	Issues and Challenges in Urban Planning and Development (MEDS-042)	Pollution	Unit Written	2013
6.	PG Certificate in Information & Assistive Technologies for the Instructors of Visually Impaired (PGCIATIVI)	Softwares for Visually Impaired (MVEI-013)	Word Processing With Screen Readers'	Unit Written (Jointly)	2010
7.	PG Certificate in Information & Assistive Technologies for the Instructors of Visually Impaired (PGCIATIVI)	Softwares for Visually Impaired (MVEI-013)	Spreadsheets with Screen Readers	Unit Written (Jointly)	2010
8.	Certificate in Health Care Waste Management (CHCWM)	BHM -001	Environmental Pollutants	Unit Written	2005
9.	Certificate in Health Care Waste Management (CHCWM)	BHM – 001	Waste Management	Unit Written	2005

13. Training programmes designed and conducted, duration and dates

SNo.	Programme	Dates	Place	Number of Participants
1.	Brainstorming Session on Vocational Education and Skill Development for Open and Distance Learning through NSQF/NVEQF	3 March 2014	IGNOU, New Delhi	26
2.	Orientation of Academic Counsellors for Post Graduate Diploma in Pharmaceutical Sales Management prog.	17-18 February 2014	IGNOU Regional Centre, Nagpur	10

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.	Drug Sources and Routes of Administration	MVE -002	IGNOU New Delhi	3 May 2019	1 hr.	Radio Counselling
2.	Probiotics	MVE -003		2 November 2018	1 hr.	Radio Counselling
3.	Neutraceuticals and Disease Prevention	MVE -003		4 May 2018	1 hr.	Radio Counselling
4.	Diseases and Disorders of various body systems	MVE -001		3 November 2017	1 hr.	Radio Counselling
5.	An Introduction to PGDPSM prog. structure and modalities	PGDPSM		5 May 2017	1 hr.	Radio Counselling
6.	Environment and Health	B.Sc. LSE -02 SOS, IGNOU		10 January 2014	1 hr.	Teleconferencing
7.	PGDPSM	MVE-005- MVE-006		May 2013	2 days	Teleconferencing
8.	Introduction to PGDPSM prog.	MVE-001 to MVE -006		14 July 2013	1 hr.	Radio Counselling
9.	PGDPSM	MVE-001- MVE-004		April 2012	3 days	Teleconferencing

10.	PGDPSM prog. Introduction	MVE-001 to MVE - 006	March 2011	1 hr.	Radio Counselling
11.	PGDPSM	MVE- 001– MVE-006	5 – 9 April 2010	1 week	Face to Face
12.	PGDPSM	MVE- 001– MVE-006	5 – 9 October 2009	1 week	Face to Face

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

S.No	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.	Member of the Committee	Exhibition and Seating Committee member for 26 th Convocation of IGNOU	2013
2.	Member of the Committee	Exhibition and Seating Committee member for 27 th Convocation of IGNOU	2014
3.	Member of the Committee	Inquiry and Exhibition Committee member for 28 th Convocation of IGNOU	2015
4.	Member of the Committee	Refreshment Committee (30 th Convocation)	2017
5.	Member of the Committee	Refreshment Committee (31 st Convocation)	2018
6.	Member of the Committee	Refreshment Committee (32 nd Convocation)	2019

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

SNo.	Designation	Period
1.	Director (I/C) of the School - SOVET	3-7 June 2013
2.	Director (I/C) of the School - SOVET	13 February 2019

18. Any other contribution/information: (Invited Lectures)

Sl. No.	Dates	Type of Activities performed	Lectures taken
1.	24 th , 31 st July and 1 st August 2013	Resource Person for three sessions on the topics: - Research Methodology – An Introduction; - Data Analysis & Interpretation; - Introduction to SPSS Package For PhD students in the pre-PhD course work of SOTHSM, IGNOU	3 Lectures of 1.5 hrs. each

2.	April 2014	Resource Person for a session on the topic: 'Data Presentation and SPSS' PhD students in the course work of SOVET, IGNOU	1 Lecture of 1.5 hrs.
3.	May 2014	Resource Person for two sessions on the topics: - Data Analysis & Interpretation; - Introduction to SPSS Package For PhD students in the pre-PhD course work of SOTHSM, IGNOU	2 Lectures of 1.5 hrs. each
4.	11 & 16 September 2015	Resource Person for two sessions on the topics: - Research Methodology – An Introduction; - Data Analysis & Interpretation; - Introduction to SPSS Package For PhD students in the pre-PhD course work of SOTHSM, IGNOU	2 Lectures of 1.5 hrs. each
6.	7 & 14 September 2017	Resource Person for three sessions on the topics: - Research Methodology – An Introduction; - Data Analysis & Interpretation; - Introduction to SPSS Package For PhD students in the pre-PhD course work of SOTHSM, IGNOU	3 Lectures of 1.5 hrs. each
7.	23 July 2018	Resource Person for one sessions on the topic: - Sampling For PhD students in the pre-PhD course work of SOMS, IGNOU	1 Lecture of 1.5 hrs.
8.	18 & 19 February 2010	Delivered Guest Lectures on the topics: "Environment & Ecology, Climate Change and Alternative Energy Sources", for B.Tech students at Maharaja Agrasen College of Engineering & Technology, Gajraula, J.P. Nagar, U.P.	4 Lecture of 1.5 hrs.

Published Articles:

1. Rachna Agarwal. 'Health Issues a Ground Reality', eHealth Magazine, August 2010, 31-32.
2. Rachna Agarwal. 'Creating a Health Worker's Pool', IGNOU Open Letter, July 15, 2010.
3. Rachna Agarwal. '10 CHAA Students join Apollo', IGNOU Open Letter, May 15, 2011.
4. Rachna Agarwal. 'Brainstorming session on Vocational Education & skill Development', IGNOU Open Letter, Vol. 4 (1), January – April 2014.

Signature of Teacher /Academic

Signature of Director/ Head