

1. Details of the Teacher/ Academic :

Name & Date of Birth :	Seema Kalra, 04.04.1972
Date of Joining in IGNOU:	11.06.2011
Current Designation :	Assistant Professor (Senior scale)
Pay Scale as on date :	87300
Qualifications :	BSc (Hons) Biochemistry, MSc (Hons) Biochemistry, PhD, Post Graduate Diploma in Bioinformatics, Post Graduate Diploma in Distance Education

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
Seema Kalra	CSIR JRF/SRF	CSIR, New Delhi	1995-1999

3. Books/Book Chapter:

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

SNo.	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.	Seema Kalra and Manish Tiwari	Microfinancing: Battle for financial empowerment/Financial empowerment and economic development	New Delhi	Kanishka Publishers	2017	1-16	978-81-8457-756-3

4. Research Articles/Publications:

S.No.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Vats N and Kalra S	Extubation Outcome after Spontaneous Breathing Trials with T-Tube or Pressure Support Ventilation	Indian Journal of Physiotherapy and Occupational Therapy	6(2)	81-84	2012	0973- 5666
2.	Sharma D, Bhatia B and <u>Kalra S</u>	Sensory evaluation and assessment of nutritive value and glycemic index value of Bengal gram incorporated whole wheat bread (Abstract)	Journal of Indian Dietetic association	35S	139	2011	0022- 3174
3.	Ahuja R, Yammani R, Bauer JA, <u>Kalra S</u> , Seetharam S, Seetharam B	Interactions of cubilin with megalin and the product of the amnionless gene (AMN): Effect on its stability	Biochem J.	410(2)	301-8	2008	0264- 6021
4.	<u>Kalra S</u> , Ahuja R, Mutti E, Veber D, Seetharam S, Scalabriono G, Seetharam B.	Cobalamin mediated regulation of Transcobalamin receptor levels in rat organs	Arch Biochem Biophys.	463	128- 32	2007	0003- 9861
5.	Bose S, <u>Kalra S</u> , Yammani RR, Ahuja R, Seetharam B.	Plasma membrane delivery, endocytosis and turnover of transcobalamin- receptor in polarized human intestinal epithelial cells	J Physiol.	581 (Pt 2)	457- 66	2007	1469- 7793
6.	Kalra S, Li N, Yammani RR, Seetharam S, Seetharam B.	Cobalamin (vitamin B12) binding, phylogeny, and synteny of human transcobalamin.	Arch Biochem Biophys.	431(2)	189- 96	2004	0003- 9861
7.	Kalra S,	Rat transcobalamin:	J Physiol.	556(Pt	623-	2004	

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

	Seetharam S, Yammani RR, Seetharam B.	cloning and regulation of mRNA expression.		2)	35		1469-7793
8.	Kalra S, Li N, Seetharam S, Alpers DH, Seetharam B.	Function and stability of human transcobalamin II: role of intramolecular disulfide bonds C98-C291 and C147-C187	Am J Physiol Cell Physiol.	285(1)	C150-60	2003	0363-6143
9.	Kalra S, Mahmood S, Nagpaul JP, Mahmood A.	Changes in the chemical composition of surfactant- like particles secreted by rat small intestine in response to different dietary fats	Lipids	37(5)	463-68	2002	0024-4201
10.	Kumar S, Mahmood S, Nagpaul JP, Mahmood A.	Formation of surfactant- like- particles in rat intestine following chronic ethanol feeding.	Indian J Exp Biol.	39(8)	767-71	2001	0019-5189
11.	Raheja G, Gill RK, Kumar S, Mahmood S, Mahmood A.	Effect of sodium on Saccharomyces cerevisiae invertase activity.	Indian J Exp Biol.	36(5):	493-96	1998	0019-5189

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.	Seema Kalra	Biochemistry: the chemistry of life	DST	Breaking stereotypes in the field of science and technology for girl students through motivational guidance	New Delhi	29 May-18 June, 2018
2.	Seema Kalra	Opportunities and challenges for use of open education resources in open and distance learning mode of education	The Open University of Hong Kong	International conference on open and innovative education	Hong Kong, China	4-6 July, 2018
3.	Seema Kalra	Use of open education resources in delivery of science programmes through open and distance learning	IGNOU	National Seminar on open and distance learning in India	New Delhi	29-30 Sep. 2015

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

SNo.	Details of the tour	Name of coordinating body	Duration
1.	Twelve week foundation training programme for scientists and technologists	Indian Institute of Public administration, New Delhi	17 Nov, 2014- 6 Feb, 2015

9. Consultancy assignment (if any): Nil

SNo.	Organization/ agency	Cost, title of consultancy	Duration

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

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.	Anita Chauhan	173101711	Continuing
2.	Prajakta Jadhav	179342248	Continuing

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

SNo	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/Written/ Edited (content/ language/ format)/ Translated	Period
1.	E-PG Pathshala	Molecular therapeutics	Three modules (Video)	Written	2018
2.	E-PG Pathshala	Molecular therapeutics	Six modules (print)	Content editing	2018
3.	Post Graduate Diploma in Environmental and Occupational Health	Environmental Toxicology	Toxic Biotransformations	Content Writing	2017
4.	Post Graduate Diploma in Environmental and Occupational Health	Environmental Toxicology	Toxicity Assessment and Risk and Carcinogenicity (Audio)	Content writing	30 th March 2017
5.	PHDBC, PHDLS	Molecular Biology	Epigenetics-I (Video)	Content Editing	2016
6.	PHDBC, PHDLS	Molecular Biology	Epigenetics-II (Video)	Content Editing	2016

- Courses/ Units translated and period
- Audio programmes (title, Course, period)
- Video programmes (title and Course, period)

13. Training programmes designed and conducted, duration and dates- Nil

SNo.	Programme	Dates	Place	Number of Participants

14. Details of Counselling sessions conducted:

SNo.	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
2.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	26.12.2017	One hour	IRC
3.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	06.06.2017	One hour	IRC
5.	MSCLS	Biochemistry	SOS, IGNOU, New Delhi	July 2011- Dec 2011	One Semester	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	Institutional animal ethical committee	June 2013-2014
2.	Member	School purchase committee	June 2013-14
3.	Member	School Board SOS	Aug 2014-16
4.	Member	Standing committee of SBSOS	Dec 2014-16

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

SNo.	Designation	Period

18. Any other contribution/information

Signature of Teacher /Academic

Signature of Director/ Head