

**1. Details of the Teacher/ Academic :**

<b>Name &amp; Date of Birth</b> :	Parvesh Bubber
<b>Date of Joining in IGNOU:</b>	1 <sup>st</sup> June 2011
<b>Current Designation</b> :	Associate Professor
<b>Pay Scale as on date</b> :	Rs 1,43,000
<b>Qualifications</b> :	M.Sc (Hons), Ph.D

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

<b>Name of the recipient,</b>	<b>Honour /Award/ Fellowship name</b>	<b>Agency name /Name of statutory body/ institution/ Apex body</b>	<b>Period</b>
Parvesh Bubber	UGC-Lectureship and Fellowship Award	UGC	1994-1998

**3. Books/Book Chapter:**

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

<b>SN o.</b>	<b>Name of Author1/ Editor 1, &amp; Co-author (s) / Co-editor (s) (if any)</b>	<b>Title of chapter/b ook</b>	<b>Plac e of publ icati on</b>	<b>Publisher</b>	<b>Yea r</b>	<b>Total Pages</b>	<b>ISBN No.</b>
1	<b>Bubber, P.</b> and Bansal D.D.	Molecular Vaccines	Delhi	Invention Intelligence, National Research Development Corporation, New Delhi	1997	2	0970-0056
2	<b>Bubber, P.</b> and Bansal D.D.	Testing Cancer causing Chemicals.	Delhi	Invention Intelligence, National Research Development Corporation, New Delhi	1996	5	0970-0056
3	<b>Bubber, P.</b> and Bansal D.D.	Balancing Enzymes to regulate heart disorders.	Delhi	Invention Intelligence, National Research Development Corporation, New Delhi	1995	2	0970-0056
4	<b>Bubber, P.</b>	Balancing Enzymes to regulate heart disorders.	Chan digar h	Indian Express	1995	1	
5	<b>Bubber P.</b>	Downside Road	Mum bai	Indian Pharma. Indian Express Pharma,	2007	1	
6	Jyoti Rastogi,	Agrobacteri	Delhi	Microbial Biodiversity: A	2017	15	

N.N.Tiwari, R.N.Pandey, <b>P.Bubber</b> and R.K.Singh	um tumefaciens : A natural engineer for gene transfer” in plants		boon for Agriculture Sustainability to be published by Biotech Books, New Delhi, India.			
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**4. Research Articles/Publications:**

<b>S N o.</b>	<b>Author/ Co- author (if any)</b>	<b>Title</b>	<b>Name of Journal</b>	<b>Vol um e</b>	<b>pag e no. (s)</b>	<b>Yea r</b>	<b>ISS N No</b>
1.	Abhishek Jha, Bano Saidullah and <b>Parvesh Bubber.</b>	A Study on Prooxidative and Neurotoxic Effects of Mercury Chloride in Rats.	EC Pharmacology and Toxicology	6 (12)	112- 124	2019	2893- 6490
2.	Jyoti Rastogi, <b>P Bubber</b> , RK Singh and RB Singh.	Determination of minimal inhibitory concentration of kanamycin as selective agents and marker genes for use in Agrobacterium mediated transformation in sugarcane.	Journal of Pharmacognosy and Phytochemistry	7(6)	1861 -64	2018	2349- 8234
3.	Charu Gupta, Swati Omanwar, <b>Parvesh Bubber</b> and Bano Saidullah.	ECG Alterations precedes Cardiac Hypertrophy in Rat Model of Diabetes.	Open Access Journal of Toxicology	2(5)	001- 005	2018	2474- 7599.
4.	Chauhan A, Srivastva, N and <b>Bubber, P.</b>	Thiamine deficiency induced dietary disparity promotes oxidative stress and neurodegeneration.	Ind J Clin Biochem.	33 (4)	422- 28	2018	0970- 1915
5.	Chauhan A, Srivastva, N and <b>Bubber, P.</b>	Effect of thiamine nutritional deficiency on the energy metabolism and neurotransmission in mice brain.	The Indian Journal of Nutrition and Dietetics.	6(2)	82- 87	2017	0022- 3174.
6.	1. Naveen Kumar Gupta, Nidhi Srivastva, Sanjeev Puri, <b>Parvesh Bubber</b> , Veena Puri.	Neuroprotective potential of Azadirachta indica leaves in diabetic rats.	Asian Journal of Phramceutical and Clinical Research	10 (4)	243- 248	2017	0974- 2441
7.	Naveen Kumar Gupta, Nidhi Srivastva, <b>Parvesh Bubber</b> , Owais Mohammad Bhat and Sanjeev Puri	Antioxidant Potential of <i>Azadirachta indica</i> Ameliorates Cardioprotection following Diabetic Mellitus Induced Microangiopathy.	Pharmacognosy	46 (12)	371- 378	2016	0975- 3575
8.	Gupta N K, Srivastva N, Puri S, <b>Bubber P</b> , Garg S and Mohammad, O.	Protective and curative effect of Azadirachta Indica Leaf Extract in Streptozotocin Induced Diabetic Rat Liver. 2016; 8(7); 1142-1148 ISSN 09754873.	International journal of pharmacognosy and Phytochemical	8(7)	1142 - 1148	2016	09754 873

9.	J. Rastogi, R.K. Singh <b>P. Bubber</b> and B.L. Sharma	Effect of BAP on multiplication rate of sugarcane using mature axillary bud.	Research Procc in STAI	74	213-221	2016	
10.	J. Rastogi, Siddhant, <b>P Bubber</b> and Brij Lal Sharma.	Somoclonal variation: a new dimension for sugarcane improvement.	GERF Bulletin of Biosciences	6(1)	5-10	2015	2229 6433
11.	J Rastogi, N N Tiwari, R N Pandey <b>P Bubber</b> and R K Singh	Refinement of Cost Reduction Technology in Sugarcane Micro propagation.	Vegetos	27(3)	121-125	2014	0970-4078
12.	Arora Shweta, Kaur Harmanmeet, Kumar Rajendra, Kaur Rupinder, Rana Deepa, Charan S. Raya, Kaur Inderpreet, Arora K. Sunil, <b>Bubber Parvesh</b> , Bharadwaj Lalit M,	<i>In Vitro</i> Cytotoxicity of Multiwalled and Singlewalled Carbon Nanotubes on Human Cell Lines.	J of Fullerenes, Nanotubes and Carbon Nanostructures	23	377-382	2014	1536-383X
13.	J. Rastogi, N.N. Tiwari, S. Gupta, A. Kumar, <b>P. Bubber</b> and R.K. Singh.	Eco-friendly dose of antibiotics for elimination of Agrobacterium tumefaciens.	Asian journal of microbiology, biotechnology and environmental science	16(1)	85-87	2014	09723 005.
14.	Sharma A, Bisht R, <b>Bubber P.</b>	Thiamine deficiency induces oxidative stress in brain mitochondria of Mus musculus.	J Physiol Biochem	69	539-546	2013	1138-7548.
15.	<b>Bubber P</b> , Sharma A, Chauhan A, and Bansal DD.	Effect of growth hormone on plasminogen activator and inhibitor activity in rat.	Ind J Clin Biochem	28 (2)	193-196	2013	09701 915
16.	<b>Bubber P</b> , Chauhan A, Sharma A, Bubber N and Bansal DD.	Effect of thyroxine on fibrinolytic system in rat.	Indian J Physiol Pharmacol	56 (3)	267-272	2012	00195 499
17.	Arora Shweta, Renu Saharan, Harsirat Kaur, Inderpreet Kaur, <b>Parvesh Bubber</b> and Lalit. M.	Attach-ment of Docetaxel to Multiwalled Carbon Nanotubes for Drug Delivery Applications.	Advanced Science Letters	5	1-6	2012	1936-6612

18.	Bhardwaj. <b>Bubber P</b> , Tang J, Haroutunian V, Xu H, Davis KL, Blass JP, Gibson GE.	TCA cycle in schizophrenia.	European Journal of Neuropsychopharmacology.	21 (3)	254-60	2011	0924-977X
19.	Surender Singh, Ramanjeet Kaur, S.Shankar Soni and <b>Parvesh Bubber</b>	Microbial activities of Rhizosphere Bacteria.	Rev Proc on Seminar on Internet: Applications in Research	1	29-32	2011	92004 519
20.	<b>Bubber P</b> , Bubber N and Bansal DD.	Effect of thyroxine on plasminogen activator and inhibitor activity in rat.	Indian J Exp Biol.	47	147-150	2009	0019-5189
21.	Zhang L, Cooper AJ, Krasnikov BF, Xu H, <b>Bubber P</b> , Pinto JT, Gibson GE, Hanigan MH.	Cisplatin-induced toxicity is associated with platinum deposition in mouse kidney mitochondria in vivo and with selective inactivation of the alpha-ketoglutarate dehydrogenase complex in LLC-PK1 cells.	Biochemistry.	45 (29)	8959-71	2006	0006-2960
22.	Kim SY, Marekov L, <b>Bubber P</b> , Browne SE, Stavrovskaya I, Lee J, Steinert PM, Blass JP, Beal MF, Gibson GE, Cooper AJ.	Mitochondrial aconitase is a transglutaminase 2 substrate: transglutamination is a probable mechanism contributing to high-molecular-weight aggregates of aconitase and loss of aconitase activity in Huntington disease brain.	Neurochem Res.	30 (10)	1245-55	2005	0364-3190
23.	<b>Bubber P</b> , Haroutunian V, Fisch G, Blass JP, Gibson GE.	Mitochondrial abnormalities in Alzheimer brain: mechanistic implications.	Ann Neurol	57 (5)	695-703	2005	0364-5134
24.	<b>Bubber P</b> , Tang J, Haroutunian V, Xu H, Davis KL, Blass JP, Gibson GE.	Mitochondrial enzymes in schizophrenia. 2004; 24(2): 315-21.	J Mol Neurosci.	24 (2)	315-21	2004	0895-8696
25.	Gibson, G. E., <b>Bubber, P.</b> , Haroutunian, V., Davis, K. L. and Blass, J. P.	Abnormalities in the tricarboxylic acid (TCA) cycle in schizophrenic brain.	Journal of Neurochemistry	90 (1)	37-42	2004	0022-3042
26.	<b>Bubber P</b> , Ke ZJ, Gibson GE.	Tricarboxylic acid cycle enzymes following thiamine deficiency.	Neurochem Int.	45 (7)	1021-8.	2004	0197-0186.
27.	Klivenyi P, Starkov AA, Calingasan NY, Gardian G, Browne SE, Yang	Mice deficient in dihydrolipoamide dehydrogenase show increased vulnerability to MPTP, malonate and 3 nitropropionic acid neurotoxicity.	Journal of Neurochemistry	88 (6)	1352-60.	2004	0022-3042

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

	L, <b>Bubber P</b> , Gibson GE, Patel MS, Beal MF.						
28.	<b>Bubber P</b> , Singh KP, Arora S, Bansal DD.	Effect of growth hormone on fibrinolytic system in rat.	Indian J Exp Biol.	36 (5)	514- 6.	1998	0019- 5189

**5. Policy Documents Reports/ Mimeos:**

SNo.	Title	Institution/ Agency	Year

**6. Book Review published :**

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	Author	Thiamine deficiency impairs oxidative metabolism in brain	Department of Zoology Ravenshaw University, Cuttack	National Symposium on Neuroscience	Cuttack, India	November 13-14th, 2015
2	Author	Plasminogen activation	M.D. Univ. Rohtak	National Symposium on Biosciences	Rohtak	1995

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

SNo.	Details of the tour	Name of coordinating body	Duration

**9. Consultancy assignment (if any):**

SNo.	Organization/ agency	Cost, title of consultancy	Duration

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

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

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1	UGC	9.8 Lakhs	2009-2012	completed
2	DST	11 Lakh	2010-2013	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	Surender Singh	2009	2012
2	Anupama Sharma	2009	2012
3	Abhishek Jha, 131636956	2013	2019
4	Naveen Gupta	2009	2014
5	Jyoti Rastogi, 138000593	2013	
6	Parul Varshney, 173101704	2017	
7	Shipra Gupta, 179342223	2018	
8	Charu Gupta, 131637481	2013	
9	Asmita Bharti, 188500363	2018	

**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	Ph.D	RBC-002	-	-	-
2	B.Sc (Hons)	BBCCT-101	02	Unit written	2017
3	B.Sc (Hons)	BBCCT-105	02	Unit written	2018
4	B.Sc (Hons)	BBCCT-107	05	Unit written, course coordinated	2016-2019
5	B.Sc (Hons)	BBCCT-108	All blocks	course coordinated	2018
6	B.Sc (Hons)	BBCCT-113	4 blocks	course coordinated	2018

- 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**

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)
1	M.Sc Life Sciences	Biochemistry	SOS, IGNOU	2011-2012	2 yrs	Face to face
2.	M.Sc Chemistry	Bioinorganic Chemistry	SOS, IGNOU	2012-2013	1 yr	Face to face
3.	Ph.D	RBC001,002	SOS, IGNOU	2015-2019	4 yrs	Face to face
4.	BDP	Biochemistry	EMPC	2017	1 hr	IRC
5.	BDP	Biochemistry	EMPC	2018	1 hr	IRC
6.	MSc	Molecular Therapeutics	UGC E-pathshala: Fungal Infections	2017	1 hr	UGC
7.	M.Sc	Molecular Therapeutics	UGC E-pathshala: Biotherapy of Fungal diseases	2017	1 hr	UGC

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

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1	Member	General Cleanliness Committee	2016-2019
2	Member	BDP Coordination Committee	2016-2019

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

SNo.	Designation	Period
1	DGC	2011
2	DGC	2016
3	Ph.D prog Coordinator	2014-2017
4	B.Sc (Hons) prog Coordinator	2016-2019

**18. Any other contribution/information**

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

**Signature of Teacher /Academic**

**Signature of Director/ Head**