

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

<b>Name &amp; Date of Birth</b> :	<b>Dr Maneesha Pandey, 20<sup>th</sup> Nov. 1976</b>
<b>Date of Joining in IGNOU:</b>	<b>6<sup>th</sup> June 2011</b>
<b>Current Designation</b> :	<b>Assistant Professor</b>
<b>Pay Scale as on date</b> :	<b>68900-225500</b>
<b>Qualifications</b> :	<b>B.Sc. Chemistry (Hons), M.Sc. Biochemistry, PhD, Post Graduate Diploma in Business Administration, Post Graduate Diploma in Distance Education</b>

**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>
Dr Maneesha Pandey	JRF/SRF	CSIR	Oct 2000-March 2005
Dr Maneesha Pandey	RESEARCH ASSOCIATE	CSIR (File no: 09/981(0001)/2009-EMR-I)	April 2009- May 2011
Dr Maneesha Pandey		Biotechnology Society of India (ID No. 542, Life member No. LM.381)	Life Member
Dr Maneesha Pandey		The Society of Biological Chemists, India Life member No. 3786)	Life Member
Dr Maneesha Pandey		The Indian Science Congress Association Membership No. L33993	Life Member

**3. Books/Book Chapter: Book Chapter**

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

<b>SNo.</b>	<b>Name of Author1/ Editor 1, &amp; Co-author (s) / Co-editor (s) (if any)</b>	<b>Title of chapter/book</b>	<b>Place of publication</b>	<b>Publisher</b>	<b>Year</b>	<b>Total Pages</b>	<b>ISBN No.</b>

1.	Gayatri Singh, Geetgovind Sinam, Kriti, <b>Maneesha Pandey</b> , Babita Kumari, and Mahiya Kulsoom	<b>Soil Pollution by Fluoride in India: Distribution, Chemistry and Analytical Methods</b>		Springer Nature Singapore Pte Ltd. 2020 V.Shukla,N .Kumar (eds.),Environmental Concerns and Sustainable Development	2019		<a href="https://doi.org/10.1007/978-981-13-6358-0_12">https://doi.org/10.1007/978-981-13-6358-0_12</a>
2.	<b>Dr Maneesha Pandey</b> and Dr Nisha Rani	<b>Feminisation of Prosperity through Microfinance in Kerela /Financial empowerment and Economic Development</b>	New Delhi	<b>Kanishka Publishers, Distributors</b>	2017	33-44	978-81-8457-756-3

**4. Research Articles/Publications:**

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Shikha Goel, Kavita Goswami, Vimal K. Pandey, <b>Maneesha Pandey</b> and Neeti Sanan-Mishra	“Identification of microRNA-target modules from rice variety Pusa Basmati-1 under high temperature and salt stress”.	<i>Functional and Integrative Genomics</i>	<a href="https://doi.org/10.1007/s10142-019-00673-4">https://doi.org/10.1007/s10142-019-00673-4</a>		May 2019	1438-793X,  1438-7948 (online)
2.	Trupti Bajpai, Shirish Nandedkar, <b>Maneesha Pandey</b> , and Santosh Agrawal	“An unusual case of urinary sparganosis in the Indian subcontinent”.	<i>Indian Journal of Urology</i>	Apr-Jun; 34(2)	158-160	2018	0970-1591

3.	Trupti Bajpai and <b>Maneesha Pandey</b>	“Etiological landscape of microorganisms causing blood stream infections: commensal? Or pathogen?”	<i>World Journal of Pharmaceutical Research</i>	November 6(14)		2017	2277-7105
4.	Trupti Bajpai, Meena Varma, Ganesh Bhatambare, <b>Maneesha Pandey</b>	“Accurate identification of urinary isolates: Integration of conventional, automated, and molecular methods”	<i>International Journal of Health &amp; Allied Sciences</i>	Apr-June Vol. 6 Issue 2	82-87	2017	2278-4292
5.	Trupti Bajpai, <b>Maneesha Pandey</b> , Meena Varma, Ganesh S. Bhatambare	“Prevalence of TEM, SHV and CTX- M Beta - Lactamase genes in the urinary isolates of a tertiary care hospital”	<i>Avicenna Journal of Medicine</i>	Jan-Mar Vol. 7 Issue 1	12-16	2017	2231-0770
6.	Trupti Bajpai, Meena Varma, Ganesh S Bhatambare, <b>Maneesha Pandey</b>	“Escherichia coli biofilms: Accepting the therapeutic challenges”	<i>International Journal of Health &amp; Allied Sciences</i>	Vol. 5	204-209	2016	2278-4292
7.	Trupti Bajpai, <b>Maneesha Pandey</b> , Meena Varma, Ganesh Bhatambare	Importance of identification of lactose non-fermenting Escherichia coli and their prevalence in urinary isolates”.	<i>Chrismed Journal of Health &amp; Research</i>	Vol. 3,	288-290	2016	2348-3334
8.	Trupti Bajpai, Ganesh S Bhatambare, Meena Varma, <b>Maneesha Pandey</b>	Species-level Identification of Acinetobacter by 16s rRNA Sequencing: Necessity	<i>New Nigerian Journal of Clinical Research</i>	22509658	5: 55-58	2016	2250-9658

		Today, Essentiality Tomorrow					
9.	Trupti Bajpai, Meena Varma, Ganesh S Bhatambare, <b>Maneesha Pandey</b> , Hariom Sharan	Candiduria: Managing a therapeutic challenge diagnostically	<i><b>International Journal of Health System and Disaster Management</b></i>		4:139- 142	2016	Print - Awaited, Online -2347- 9019
10.	Trupti Bajpai, <b>Maneesha Pandey</b> , Meena Varma, Ganesh S Bhatambare	“Prevalence of extended spectrum beta- lactamase producing uropathogens and their antibiotic resistance profile in patients visiting a tertiary care hospital in central India: Implications on empiric therapy”	<i><b>Indian Journal of Pathology &amp; Microbiology</b></i>	Vol. 57	407-412	2014	0377- 4929, Online - 0974- 5130
11.	Trupti Bajpai, <b>Maneesha Pandey</b> , Meena Varma, Ganesh S Bhatambare	“Mixed flora in the urine of hospitalized and elderly patients: Contamination or True infection?”	<i><b>Nigerian Journal of Experimental and Clinical Biosciences</b></i>	Jan- June; 2	20-27	2014	2348- 053X, Online - 2348- 0149
12.	Trupti Bajpai, Ganesh S Bhatambare, <b>Manee sha Pandey</b> , Meena Varma	“Prevalence of multi, extensively and pan drug resistant uropathogens among the women patients visiting a tertiary care hospital in central India”	<i><b>International Journal of Health Systems and Disaster Management</b></i>	Jan.- Mar; 2	38-43	2014	Print - Awaited, Online -2347- 9019

13.	Bajpai T, Varma M, <b>Pandey M,</b> Bhatambare GS	“Comparative Study of Uropathogens based on the Factors Responsible for Urinary Tract Infection in Male and Female Patients Visiting a Tertiary Care Hospital”	<i><b>I-Xplore International Research Journal Consortium (International Journal of IT, Engineering and Applied Sciences Research</b></i>	Sep.; 2,	6-10	2013	2319-4413
14.	Sarita Saraswati, <b>Maneesha Pandey,</b> Rajani Mathur, and S S Agrawal	“Boswellic acid inhibits inflammatory angiogenesis in a murine sponge model”	<i><b>Microvascular Research,</b></i>	November Volume 82, Issue 3	263-268	2011	0026-2862
15.	S S Agrawal, Sarita Saraswati, Rajani Mathur, <b>Maneesha Pandey</b>	“Antitumor properties of Boswellic acid against Ehrlich ascites cells bearing mouse”	<i><b>Food and Chemical Toxicology</b></i>	September Volume 49, Issue 9	1924– 1934	2011	0278-6915
16.	S.S. Agrawal, Sarita Saraswati, Rajani Mathur and <b>Maneesha Pandey</b>	“Cytotoxic and antitumor effects of brucine on Ehrlich ascites tumor and human cancer cell line”	<i><b>Life Sciences</b></i>	1 <sup>st</sup> August Volume 89, Issues 5–6	147–158	2011	0024-3205
17.	Agrawal SS, Saraswati S, Mathur R, <b>Pandey M.</b>	“Brucine, a plant derived alkaloid inhibits inflammatory angiogenesis in a murine sponge model”	<i><b>Biomedicine &amp; Preventive Nutrition</b></i>	September Volume 1, Issue 3, July	180–185	2011	2210-5239
18.	<b>Maneesha Pandey,</b> Sarita Saraswati,	“Antiproliferative effects of	<i><b>Journal of Pharmacy</b></i>		1124- 1126	2011, 4(4)	0974-6943

	and S S Agrawal	Datura innoxia extract in cervical HeLa cell line”	<i>Research</i>				
19.	Man Singh and <b>Maneesha Pandey</b>	“Viscometric study of glycine with aqueous chloride and iodide salts of IA alkali metals”	<i>Physics and Chemistry of Liquids</i>	Vol. 49, No. 6, November–December	699–707	2011	ISSN: 0031-9104 (Print) 1029-0451 (Online)
20.	Man Singh and <b>Maneesha Pandey</b>	“Physics of Glycine interactions with halide salts of alkali metals (group I) determined with density, viscosity, and activation energy in aqueous solutions at 310.15 K”	<i>Physics and Chemistry of Liquids</i>	Vol 46, Issue 2	119-139	2008	0031-9104  Online 1029-0451,
21.	Man Singh, Rajesh Kumar Yadav, <b>Maneesha Pandey</b> and H. S. Verma	“Viscometric studies of molecular interactions of nicotine in aqueous and aqueous ethanol at 298.15, 303.15 and 308.15 K”	<i>Physics and Chemistry of Liquids</i>	Vol 45 No. 2	215-220	2007	0031-9104  Online 1029-0451,
22.	Man Singh, Rajesh K. Yadav, <b>Maneesha Pandey</b> and H. S. Verma	“Thermodynamic studies of molar volume, pair and triplet interactions with increase in length of side chain of $\alpha$ -amino acids in aqueous potassium	<i>Journal of Molecular Liquids</i>	135	188-191	2007	0167-7322

		chloride solutions at different concentration and 310.15 K”					
23.	Man Singh and Maneesha Pandey	‘Excess viscosities of glycine with halides salts of alkali metals of IA group in aqueous solutions at 310.15 K for structural interactions.	<i>J. Indian Chem. Soc.</i>	December Vol. 82,	1091-1102	2005	0019-4522

**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	October 2011 Volume 47, Supplement 4, S1-S45	Poster Presentation Anticancer potential of <i>Datura innoxia</i> extract against	European Organisation for Research and Treatment of Cancer (EORTC), National	EORTC – NCI – ASCO Annual Meeting on ‘Molecular Markers in Cancer		27 -29 October 2011

		cervical cancer HeLa cells	Cancer Institute (NCI) and American Society of Clinical Oncology (ASCO)			
<b>2</b>	October 2011 Volume 47, Supplement 4, S1-S45	Poster Presentation  Antitumor activity and antioxidant status of berberine against Ehrlich ascites carcinoma in Swiss albino mice	European Organisation for Research and Treatment of Cancer (EORTC), National Cancer Institute (NCI) and American Society of Clinical Oncology (ASCO)	EORTC – NCI – ASCO Annual Meeting on ‘Molecular Markers in Cancer		27 -29 October 2011

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

<b>SNo.</b>	<b>Details of the tour</b>	<b>Name of coordinating body</b>	<b>Duration</b>
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):**

<b>SNo.</b>	<b>Organization/ agency</b>	<b>Cost, title of consultancy</b>	<b>Duration</b>
<b>1</b>	Delhi University Innovation Projects in Colleges  Project Code No.: DB-102.	10 Lakhs  Innovation Project titled  “Qualitative analysis of water and gaseous pollutants from different zones of NCR region and designing some tools and techniques to eradicate them by using absorption and adsorption techniques involving	One Year  2012-2013



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

		biodegradable materials”	
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**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.	<b>Dr Trupti Bajpai</b> 138000396	2013	2018
2.	<b>Ms Shikha Goel</b> 144500120	2014	Ongoing
3.	<b>Mr Brijesh Shivhare</b> 173101736	2017	Ongoing
4.	<b>Ms Roma Lal</b> 179342270	2017	Ongoing

**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	Two modules Unit (print) and Video Biosafety and Biocontainment I and II	Written	2018
2.	Post Graduate Diploma in Environmental and Occupational Health	Environmental Toxicology	Carcinogenicity	Content Writing	2017
3.	PHDBC, PHDLS	Molecular Biology	Targeting DNA Structure (Video)	Content Editing	2016
6.	PHDBC, PHDLS	Molecular Biology	Targeting DNA Structure: A	Content Editing	2016

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

			Therapeutic Approach –II (Video)		
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- 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)
1.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	18/04/20 17	One hour	Radio counselling
2.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	06/06/20 17	One hour	Radio counselling
3.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	13/06/20 17	One hour	Radio counselling
4.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	14/11/20 17	One hour	Radio counselling
5.	BDP	Biochemistry	EMPC, IGNOU, New Delhi	26/12/20 17	One hour	Radio counselling
6.	MSCLS	Cell and Molecular Biology	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:**

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

<b>SNo.</b>	<b>Chairperson/ Member of Committee</b>	<b>Name of the Committee</b>	<b>Date/ period</b>
1.	Member	School Board of SOS	2 years 2016-18
2.	Member	Hindi Samvardhan Samiti	May 2016-17
3.	Member	Cultural Program Committee of SOS	Oct 2016-June 2019

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

<b>SNo.</b>	<b>Designation</b>	<b>Period</b>

**18. Any other contribution/information**

- 1) 18<sup>th</sup> Refresher Course in Life Sciences organised by UGC-Academic Staff College, Jawaharlal Nehru University New Delhi for 04 Weeks 7<sup>th</sup> Jan 2013 to 1<sup>st</sup> Feb. 2013
- 2) Attended seminar on Open and Distance Learning (ODL) and Curriculum Design and Development in ODL organized by Staff Training and Research Institute of Distance Education , (STRIDE), IGNOU, New Delhi from 12<sup>th</sup>- 14<sup>th</sup> September 2013
- 3) Participated in workshop on Video Programme Production organized by Electronic Media Production Centre (EMPC), IGNOU, New Delhi from 16<sup>th</sup>-18<sup>th</sup> and 26<sup>th</sup>-27<sup>th</sup> September 2013

**Signature of Teacher /Academic**
**Signature of Director/ Head**