

Curriculum –Vitae

Dr. (Mrs.) Neeti Mishra
M.Sc.,Ph.D. (Biochemistry)
Lecturer Biochemistry
Department of Biochemistry
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CAREER OBJECTIVE

To achieve a meaningful position and success in the teaching as well as an intense research area of Biochemistry and related fields. The job must be in a way utilizing my subject knowledge, research potential and innovative skills to advance my academic career to new heights.

ACADEMIC ACHIEVEMENTS

1. **Ph.D. in Biochemistry :**

Duration: February 2002-July 2006

Title: “Studies on the effects of Micronutrients and Antioxidants in Coronary Heart Disease in type-2 diabetes mellitus”. The work was completed under the guidance of Prof. Mrs. Salma Khan, Dept. Of Biological Sciences, R.D.V.V, Jabalpur and in co-assistance with Prof. Dr. M.K.Jain, Sanjay Gandhi Medical College,Rewa.

2. **Project training (a part of M.Sc.) :**

Duration: January 1999-July 1999.

Topic: “Protein enrichment of wheat flour by monoculture and co-culture of yeast strains *Endomyces fibuliger* and *Filobasidium capsuligenum*.” The work was completed under the guidance of Prof. S.P. Gautam, Former Vice-chancellor,R.D.V.V. and Ex-Head, Dept. of Postgraduate Studies and Research in Biological Sciences, R.D.V.V, Jabalpur (M.P.)

WORK EXPERIENCE

A) Teaching:

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| 1. Institute: | Study Center for Biochemistry, A.P.S. University, Rewa. |
| Designation: | Contractual lecturer (Biochemistry) |
| Duration: | Since August 2000 to till date. |

- Taking regular theory and practical classes of M.Sc. Biochemistry including subjects Enzymology, Metabolism, Physiology, Clinical Biochemistry, Basic Biochemistry, Genetics and Molecular Biology

2. **Institute:** Study Center for Biochemistry, A.P.S. University, Rewa.

Designation: Lecturer (Biochemistry)

Duration: Since 2006 to till date.

- Taking regular theory and practical classes of M. Phil. Biochemistry of subjects Research and Methodology, and Medical Biochemistry

3. **Institute:** Shyam Shah Medical College, Rewa (M.P.)

Designation: Guest Faculty

Duration: February 2002 to March 2005.

- Worked as guest faculty for regular theory classes and conducting practicals of Biochemistry of M.B.B.S. Students.

4. **Institute:** Department of Biotechnology, A.P.S. University, Rewa.

Designation: Guest Faculty

Duration: March 2001 to December 2003.

- Conducted theory classes of M.Sc. Biotechnology in the subjects Metabolism, Molecular Biology, Biochemistry, and Enzymology.

5. **Institute:** Department of Bioinformatics, A.P.S. University, Rewa.

Designation: Visiting Faculty

Duration: Since 2005 to till date.

- Teaching theory classes of M.Sc. Bioinformatics in subjects Metabolism and Drugs, Basic Biomolecules, Cell Biology.

B) Research:

1. **Institute:** National Research Centre for Weed Science (IARI). Jabalpur.

Designation: Project Assistant

Duration: August-1999 to November 1999

- Resolution of some plant pigments by the application of HPLC and TLC.

- Studying the effect of various weedicides on the growth of some plants by the application of various biochemical laboratory techniques.

2. Institute: Department of Medicine, S.S. Medical College, Rewa and
Department of Postgraduate Studies and Research in Biological
Science, R.D.V.V., Jabalpur (M.P.)

Designation: Research Scholar

Duration: August 2002 to July 2006

- Pursued intense research work in the area of Medical Biochemistry for studying the effect of some vitamins and micronutrients on diabetic patients.
- Applied serum estimations eg. serum glucose, lipid profile, glycosylated hemoglobin, serum SOD and serum GSH enzyme levels.

ACADEMIC BACKGROUND :

1. Post Graduate in Biochemistry:

i) Name of the Institution: Department of Postgraduate Studies and Research in Biological
Science, R.D.V.V, Jabalpur (M.P.)

ii) Year of Passing: 1999

iii) Aggregate %: 74.5%

iv) Subject: Bio-organic Biochemistry, Enzymology, Basic Statistics,
Microbiology, Physiology and Nutrition, Molecular Biology,
Genetics, Immunology, Clinical Biochemistry, Metabolism and
Plant Biochemistry.

2. Graduate in Biochemistry:

i) Name of the Institution : Govt. M.H. College of Science and Home Science for
Women, Jabalpur (M.P.)

ii) Year of Passing: 1997

iii) Aggregate %: 72.2%

iv) Subject: Biochemistry, Chemistry, Zoology,

3. Higher Secondary School Examination (10+2)

- i) **Name of School and Board:** St. Norbert's Girls Higher Secondary School, Jabalpur.
Madhyamic Shiksha Mandal, Bhopal (M.P.)
- ii) **Year of Passing:** 1994
- iii) **Aggregate %:** 68.7%
- iv) **Subject:** Chemistry, Biology and Physics

4. High School Examination (10th)

- i) **Name of School and Board:** St. Norbert's Girls Higher Secondary School,
Jabalpur (M.P.), Madhyamic Shiksha Mandal Bhopal (M.P.)
- ii) **Year of Passing:** 1992
- iii) **Aggregate %:** 48%
- iv) **Subject:** Chemistry, Biology and Physics

COMPUTER SKILLS

Operating System – MS Word, Windows XP and MS office,
Have a good command on MS Powerpoint, internet and others.

WORKSHOP / SEMINARS

A detailed list is enclosed herewith in next annexure.

PUBLICATIONS :

A separate list is enclosed herewith in next annexure.

Extracurricular Activities:

- Participated and won prize in a General Knowledge Quiz competition organized by Jabalpur Diocesan Youth Movement.
- Participated in an essay writing competition and won which was organized by S.N.K. Trust held at Bongaigaon,,Asam.
- Participated in cultural activities such as rangoli, flower decoration, interiors and folk songs competitions at college level.
- Participated and won prize in painting competitions organized by Lion's Club time to time.

Referees:

1. Prof. S. P. Gautam

2. Prof. Vijay K. Agrawal

DECLARATION

I hereby declare that all the statements made here are true, complete and correct to the best of my knowledge and belief.

Place: Rewa

Date 14.09.16


NEETI MISHRA

PERSONAL DETAILS

Name : Dr. Neeti Mishra
Father's Name : Shri Kishore Kumar Shukla
Date of Birth : 24th Dec. 1970
Nationality : India
Religion : Hindu
Language Known : Hindi, English
Permanent Address : W/o CA. Anurag Mishra
Baba Ka Katra
Near Indira Market
Rewa (M.P.)
Postal Address : W/o CA. Anurag Mishra
Baba Ka Katra
Near Indira Market
Rewa (M.P.)

Conference attended

No.	Training Programme	Title of the Programme	Duration of the Programme	Conducting Organization	Sponsoring Organization
1	International Symposium	"Microbial technology for sustainable development and productivity"	14-16 th March 1998	Department of Biological Sciences, R.D.V.V. Jabalpur	-----
2	National Seminar	"Expanding Horizons in chemical sciences"	22-23 rd October 2011	Department of Chemistry,A.P.S. University,Rewa	UGC, CSIR & MPCST
3	National Conference	"38 th Annual conference of Association of clinical biochemist of India"	2-6 th December 2011	Department of Biochemistry, G.R.Medical Collage Gwalior (M.P.)	-----
4	Regional Workshop	Nutraceutical and economic factor of the minor and food grains with special reference to millets"	15-16 th February 2012	Department of Home Science & Botany Govt.OFK Collage Jabalpur (M.P.)	UGC
5	Regional Workshop	"Soy processing and utilization for food security"	17-18 th February 2012	Department of Home Science & Botany Govt.OK Collage,Jabalpur (M.P.)	UGC
6	National Conference	"Biological resources conservation management and sustainable uses"	13-14 th March 2012	Department of Botany & Biotechnology Govt. New Science Collage Rewa (M.P.)	DBT,CSIR, ICSSR(New Delhi) MCCST, Biodiversity Board,UGC, Bhopal
7	National Conference	"Environmental pollution and	22-23 rd February	Dept of Zoology . Govt. Science	UGC,CRO Bhopal

		natural resources conservations"	2014	Collage,Rewa (M.P.)	MPCOST
8	National Conference	"Role of new technologies in conservation of environment"	23-24 th March 2012	Department of Enviroment Biology,A.P.S. University,Rewa	-----
9	National CME	"Biochemical Insight into Clinical Immunology	21-22 nd March 2014	Department of Biochemistry AllMS, Raipur, Chhattisgarh	ICMR,IIS, CCST,MCI
10	National Seminar	"Innovations in science and technology for inclusive development"	26-27 th March 2014	Vigyan Bhavan , MPCST Bhopal	Indian Science Congress Association, Bhopal, MPCST
11	National Conference	"Sustainable water resources management challenges & opportunities"	20-21 st January 2015	Department of Biological Science ,RDVU, Jabalpur	HUL,UIMC
12	International Conference	"Indian Research Scenario"	11-12 th April 2015	National Institute of Technical Teachers & Training Research, Bhopal	SRDS, DTE (M.P.)
13	National Workshop	"Science popularization & malnutrition and Human Health"	7-13 th April 2015	Department of Botany & Biotechnology,Govt.New Science College, Rewa (M.P.)	MPCST
14	International Conference	"Natural Resoures, Enviroment and Health"	28-29 th March 2017	Department of Geology, Govt. Model Science College, Rewa (M.P.)	MPCST, EPCO, MoES, AMD
15	National Conference	"10 th Annual Conference on Science & Technology"	25-26 th March 2017	Department of Botany & Biotechnology. New Science College, Rewa (M.P.)	-----

LIST OF PUBLICATIONS & ABSTRACTS

1. Tiwari S., **Mishra N.**, Arnold R., Saxena A; Studies on the air quality status through SPM, SO₂ and NO₂ around JK White Cement Plant Gotan (Rajasthan): International Journal for Pharmaceutical Research Scholars (IJPRS); 2014 V-3, 1-1, ISSN: 2277-7873, Impact factor: 1.0285
2. **Neeti Mishra**, Seema Tiwari; Optimization and characterization of protease produced by different species of *Aspergillus* in special reference to pH: A Review: Journal of Chemical, Biological and Physical Science (JCBSC); Feb.2014-Aril 2014, Vol.3, No.2,375-378, ISSN: 2249-1929
3. **Neeti Mishra**, Rajesh Pandey; Biotechnology. era for societal entrepreneurship development: Biotechnology update 3: (23) 2012
4. Sunil Tiwari, Rashmi Arnold, Arti Saxena, **Neeti Mishra**, Sunil Pandey, Seema Tiwari; Air quality status and seasonal variation of ambient air quality pollutants level around JK White Cement Plant Gotan (Rajasthan): Journal of Environmental Science-Computer Science and Engineering & Technology (JECET), Sec.2013-Feb 2014, Vol.3.No.1, 175-181, ISSN : 2278 179
5. **Neeti Mishra**, Seema Tiwari, Rashmi Arnold, Arti Saxena, Sunil Pandey, R.M.Mishra; A Review on Floral Biology of *Tropaeolum Majus L.* (Tropaeolaceae) an ornamental plant International Journal of Green and Herbal Chemistry, March 2014, Sec.B, Vol.3, No.2, 722-727, ISSN 2278 3229
6. Sunil Tiwari, Rashmi Arnold, **Neeti Mishra**, Arti Saxena, R.M.Mishra, Seema Tiwari; Foliar dust deposition in plant species growing at different sites around JK White Cement Plant Gotan (Rajasthan): Journal of Environmental Science, Computer science and Engineering & Technology, March 2014-May 2014, Sec.A Vol. 3, No.2, 842-849, ISSN: 2278-179X
7. Seema tiwari, **Neeti Mishra**, Rashmi Arnold, Arti Saxena, Shivani Awasthi; Evaluation of extraction of stevioside and rebaudioside from *Stevia rebaudiana* Bertoni by pressurized hot water extraction Science Secure Journal of Biotechnology, 2014, Vol.3, Issue 1, ISSN : 2319-9083

8. **Neeti Mishra, Rajesh Pandey, Narendra Kumar and Vinod Singh (2012);** Phytochemical profiling and in-vitro anti fungal study of crude stem bark extract of *Senna Alata* Linn; A paper presentation; National seminar on Biotechnology and Biodiversity, Govt. Science College, Rewa, 13-14 March
9. **Neeti Mishra, Rajesh Pandey, Narendra Kumar and Vinod Singh (2012):** Management of plasma glucose status and insulin secretion with traditional phytotherapy A herbal drug interaction approach; A paper presentation; National conference on role of new technologies in conservation of environment; 23-24 March 2012
10. **Neeti Mishra, Rajesh Pandey (2012):** Pregnancy with diabetes mellitus and its management; A paper presentation; National conference on role of new technologies in conservation of environment; 23-24 March 2012
11. **Neeti Mishra, Rajesh Pandey, Narendra Kumar and Vinod Singh (2012):** Potential exploitation of cyanobacterial species in bioremediation of household water; A paper presentation; National conference on role of new technologies in conservation of environment; 23-24 March 2012
12. **Neeti Mishra, Rajesh Pandey, Narendra Kumar and Vinod Singh (2012):** *Spirulina* (Blue green algae) as bioremediation agent: Metal interaction, utilization & conversion; A paper presentation; National seminar on water chemistry and management during 30-31 March 2012
13. **Neeti Mishra, Rajesh Pandey, Narendra Kumar and Vinod Singh (2012) :** Potential exploitation of cyanobacterial species in bioremediation of contaminated river water; A paper presentation; National seminar on water chemistry and management; 30-31 March 2012
14. **Neeti Mishra, Rajesh Pandey and Narendra Kumar (2012)** Screening for antimicrobial action of polysaccharides and C-phycocyanin from *Spirulina platensis*; A paper presentation; National seminar on Recent trends in drug discovery and research; 30 September 2012
15. **Neeti Mishra, Rajesh Pandey and Narendra Kumar (2012);** Evaluation of Indian flower sp. *Rosarubiginosa* with special reference to Anti inflammatory compounds; A paper presentation; National seminar on Recent trends in drug discovery and research; 30 September 2012

16. Manish K. Dwivedi, Deepa Sahu, **Neeti Mishra**, Rajesh Pandey (2013): Viral infectious Hepatitis B (HBV) and Hepatitis C (HCV) development in chronic infection, early viral fever diagnosis with simple home remedies; National conference on Human Papillomavirus and control of cervical cancer current scenario, 16-17 March 2013
17. Shriti Gupta, Sagar Jaiswal, **Neeti Mishra** and Rajesh Pandey (2013): Early viral fever diagnosis with simple home remedies; National conference on Human Papillomavirus and control of cervical cancer- current scenario, 16-17 March 2013
18. Jainendra Singh, Manish K. Dwivedi, **Neeti Mishra**, Rajesh Pandey (2013): Investigation and evaluation of in vitro antioxidant status of Berries of Indian sub-continent during growing phases; 8th National conference on Biotechnology Biodiversity & Environment, 19-20 April 2013
19. Man Singh, Bed Prakash Tripathi, **Neeti Mishra**, Rajesh Pandey (2013): Impact of Spirulina on the glucose metabolizing enzymes in case of carbohydrate induced hyperglycemic situation; 8th National conference on Biotechnology Biodiversity & Environment, 19-20 April 2013
20. Jeetesh Sahu, **Neeti Mishra**, Rajesh Pandey (2013) Hypocholesterolaemic and hepatoprotective impacts of Indian Sighada against HFD hypercholesterolaemia; 8th National conference Biodiversity & Environment, 19-20 April 2013. on Biotechnology
21. Shivani Awasthi, Rama Sharma, **Neeti Mishra**, Rajesh Pandey (2013): Lipid peroxidation and anti-oxidant enzyme status in case of Coronary Artery Disease (CAD); 8th National conference on Biotechnology Biodiversity & Environment, 19-20 April 2013
22. Sushmita Dwivedi, Vinod Sahu, **Neeti Mishra**, Rajesh Pandey (2013): Cyanobacteria - Bioindicators of heavy metal load, 8th National conference on Biotechnology Biodiversity & Environment, 19-20 April 2013