

1. Details of the Teacher/ Academic :

Name:	Dr. Vikas Singhal
Date of Birth	24.02.1975
Date of Joining in IGNOU:	13.06.2011
Current Designation:	Deputy Director
Level as on date:	13A
Highest Educational Qualifications :	M.Sc., Ph.D., DBT-PDF, PGDEM, PGDDE, PGDHRM, MADE Discipline-Environmental Sciences
School/ Division/ Institute/ Centre/ Cell	IGNOU Regional Centre Delhi-2

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. V. Singhal	IAEA Membership	Indian Adult Education Association (IAEA), India	Life member
Dr. V. Singhal	Interview Committee Expert Member for selection of casual announcers	IGNOU Gyanvani, Nagpur	2018
Dr. V. Singhal	Nodal Officer	Regional Centre Against Sexual Harrasment Committee (RCCASH)	2015-2016
Dr. V. Singhal	Audition Committee Member for selection of casual announcers	IGNOU Gyanvani, Nagpur	2013
Dr. V. Singhal	Research Associateship	D.R.D.E., Gwalior- worked in the area of Material Biotechnology	2004
Dr. V. Singhal	D.B.T.-Post Doctoral Fellowship	Indian Institute of Science (I.I.Sc.), Bangalore worked in the area of Environmental Biotechnology at Department of Biotechnology, IIT Roorkee	2002
V. Singhal	A.S.R.B.-NET	I.C.A.R., Delhi	2001
V. Singhal	U.G.C.-Junior Research Fellowship/	U.G.C	June 2001

	NET		
V. Singhal	U.G.C.-NET	U.G.C	December 2000
V. Singhal	University Research Fellowship	G.B.P.U.A.T., Pantnagar	1998-2001
V. Singhal	Graduate Teaching Assistantship	G.B.P.U.A.T., Pantnagar	1996-1998
V. Singhal	SBC Membership	Society of Biological Chemists (SBC), India	Life member
V. Singhal	ISES Membership	Indian Society of Environmental Scientists (ISES), India	Life member
V. Singhal	IANCAS Membership	Indian Association for Nuclear Chemists and Allied Scientists (IANCAS), India	Life member
V. Singhal	ISNA Membership	Indian Society of Nuclear Techniques in Agriculture and Biology (ISNA), India	Life member
Dr. V. Singhal	ISCA Membership	Indian Science Congress Association (ISCA), India	Life member

3. Books/Book Chapter:

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

S No.	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.	Rai, J.P.N.; Singhal, V. and Pratibha	'Environmental management through sustainable Agriculture'. <i>In:</i> Arunachalam, A. and Khan, M.L.(ed) <i>Sustainable Management of Forests-India,</i>	Dehradun, India	International Book Distributors,	2000	pp. 493-502.	ISBN 13: 9788170892809 ISBN 10: 8170892805
2.	Singhal, V. and Rai, J.P.N.	'Studies on phytoremediation potential Effluents'. <i>In:</i>	Pantnagar, India	G. B. P. U. A. T., Pantnagar	2001	pp. 211-216.	

		Singh, U.P.; Chauhan, R. <i>Proceedings of National Symposium on Fish Health Management and Sustainable Aquaculture</i>					
3.	<u>Singhal, V.</u> and Rathore, V.S.	‘Effects of Mn ²⁺ on growth and lignin degradation by <i>Phanerochaete chrysosporium</i> ’ .In: <i>Proceedings of BRNS-DAE National Symposium on Nuclear and Radiochemistr y</i>	Mumbai India	University of Pune, Library Informatio n Services Division, Bhabha Atomic Research Centre, Trombay, Mumbai	2001	pp. 344- 345	
4.	<u>Kumar, A.;</u> <u>Singhal, V.</u> and Joshi, B. D.	‘Seasonal Variations in Physico- chemical Characteristic s of Soil and Ground Water as Induced by Pulp and Paper Mill Effluent in Nearby Areas of Lalkuan’. .In: Prakash, <i>Aspects (BSHEA-2003)</i>	Dayalbagh , Agra, India	Dayalbagh Educational Institute, Dayalbagh, Agra, India	2003	pp. 245- 250	
5.	Mallik, P. K.; <u>Singhal, V.</u> and Rathore, V.S.	‘A study of growth characteristics and ligninolytic potential of six fungal species	Dayalbagh , Agra, India	Dayalbagh Educational Institute, Dayalbagh, Agra, India	2003	pp. 265- 268.	

		(mushroom)'. <i>In: Prakash, S.</i> (Editor-in- Chief) <i>Proceedings of the National Symposium on Biochemical Sciences: Health and Environmental Aspects (BSHEA- 2003)</i>					
6.	<u>Singhal, V.</u> and Kumar, A.	“Jaliya poodhodwara distillery nikasit avjal ka phytoremediat ion (in Hindi)” ‘Phytoremedia tion of distillery effluent by aquatic plants’. <i>In: Bhatia, K.K.S.; Jha, R.; Rathore, D.S.; Dwivedi, V.K. and Uniyal, P. K. (eds.) Future Challenges in the Field of Water Resources, Proceedings of the National Seminar</i>	Roorkee, India	National Institute of Hydrology, Roorkee, India	2003	pp. 447- 452.	
7.	<u>Kumar, A.</u> and Singhal, V.	“Paper mill nikasit avjal ka mrida shodhan: ek prakurtik evam paristhithikiya	Roorkee, India	National Institute of Hydrology, Roorkee, India	2003	pp. 561- 567.	

		mitra upaay (in Hindi)” ‘Land treatment of papermill effluent: a natural and eco- friendly Strategy’ <i>In:</i> Bhatia, K.K.S.; Jha, R.; Rathore, D.S.; Dwivedi, V. K. and Uniyal, P. K. (eds.) <i>Future Challenges in the Field of Water Resources,</i> Proceedings of the National Seminar					
8.	Singhal, V. and Kumar, A.	‘Role of water hyacinth and otheraquatic weeds in wastewater treatment: an eco-friendly approach having vast Potential’. Chapter 10 <i>In:</i> Khanna, D. R.; Chopra, A. K. and Prasad, G. (eds.) <i>Aquatic Biodiversity in India: The Present Scenario,</i>	Delhi	Daya Publishi ng House	2005	pp. 154- 183	ISBN 13: 97881 70353 676 ISBN 10: 81703 5367X
9.	Kumar, A.; Rajput, R.; Bhutiani, R.; Ruhela, M. and Singhal, V.	‘Effect of pulp and paper mill’s effluent on microbial diversity of river Gola’.	Delhi	Daya Publishi ng House	2005	pp. 297- 303	ISBN 13: 97881 70353 676 ISBN 10: 10:

		Chapter 15 In: Khanna, D. R.; Chopra, A. K. and Prasad, G. (eds.) <i>Aquatic Biodiversity in India: The Present Scenario,</i>					81703 5367X
10.	Rai, J. P. N; Singh, Y.P.; Singhal, V. and Verma, V.K.	'Green Technology: For Cleaning Up Heavy Metals in Soil and Water Ecosystems' Chapter 15 In: Mishra, C.S.K.; Kim, J.W. and Saxena, A. (eds.) <i>Environmental Issues and Options</i>	Delhi	Daya Publishi ng House	2006	pp. 328- 344	

4. Research Articles/Publications:

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Singhal, V. and Rathore, V.S.	'Effects of Zn ²⁺ and Cu ²⁺ on growth, lignin degradation and ligninolytic enzymes in <i>Phanerochaete chrysosporium</i> '.	<i>World J. Microbiol. Biotechnol.</i>	17	235- 240	2001	ISSN: 0959- 3993

2.	Singhal, V. and Rathore, V.S.	'Preparation and characterization of ¹⁴ C-(lignin)-lignocellulose from rice (<i>Oryza sativa</i> Var. Kasturi) seedlings under direct sowing and transplanted conditions and determination of best suited age'.	<i>J. Nuclear Agric. Biol.</i>	30(3-4)	164-180	2001	ISSN: 0379-5489
3.	Singhal, V. and Rai, J.P.N.	'Biogas production from water hyacinth and channel grass used for phytoremediation of industrial Effluents'.	<i>Biores. Technol.</i>	86	221-225	2003	ISSN: 0960-8524
4.	Singhal, V.; Kumar, A. and Rai, J.P.N.	'Phytoremediation of pulp & paper mill and distillery effluents by channel grass (<i>Vallisneria spiralis</i>)'.	<i>J. Sci. Ind. Res.</i>	62	319-328	2003	ISSN:0022-4456
5.	Kumar, A.;	'Impact of pulp and paper mill effluent on lysimetric soil and vegetation used for land Treatment'.	<i>J. Sci. Ind. Res</i>	62	883-891	2003	ISSN:0022-4456
6.	Kumar, A.;	'Effect of pulp & paper mill effluent on various plant growth parameters of Rice'.	<i>Himalayan J. Environ. Zool.</i>	17 (1)	31-37	2003	ISSN: 0970-2903
7.	Singhal, V.; Kumar, A. and Rai, J.P.N.	'Effect of <i>Eichhornia crassipes</i> and <i>Vallisneria spiralis</i> phytoremediated pulp, paper mill and distillery effluents on germination of wheat and rice Seeds'.	<i>Indian J. Ecol.</i>	30 (2)	188-193	2003	ISSN: 0304-5250

8.	Kumar, A.; Singhal, V. ; Joshi, B. D. and Rai, J.P.N.	'Suitability Evaluation of Ground Water in Tarai and Bhabhar Region of Kumaun'	<i>Ind. J. Env. Prot.</i>	23(3)	309- 312	2003	ISSN: 0253- 7141
9.	Kumar, A.; Singhal, V. ; Joshi, B. D. and Rai, J.P.N.	'Lysimetric approach for groundwater pollution control from pulp & paper mill effluent using different soil texture'	<i>J. Sci. Ind. Res.</i>	63	429- 438	2004	ISSN:0022- 4456
10.	Singhal, V. and Rai, J.P.N.	'Studies on phytoremediation potential of water hyacinth (<i>Eichhornia crassipes</i>) against pulp & paper mill and distillery Effluents'	<i>Acta Botanica Indica,</i>	0	1-11	2004	ISSN: 0379- 508X
11.	Arora, N. K.; Bhatt, J.; Singhal, V. and Maheshwari, D. K.	'Salinity induced accumulation of poly- α -hydroxy butyrate in rhizobia indicating its role in cell protection'.	<i>World J. Microbiol. Biotechnol.</i>	22	603- 606	2005	ISSN: 0959- 3993
12.	Singhal, V. ; Kumar, A. and Rai, J.P.N.	'Bioremediation of pulp and paper mill effluent with <i>Phanerochaete Chrysosporium</i> '.	<i>J. Env. Biol.</i>	26 (3)	525- 529	2005	ISSN: 0254- 8704
13.	Singhal, V.	'IGNOU B.Ed. Programme in Vidarbha: A Golden Opportunity for In-service Teachers'.	<i>The Horizon</i>	4 (1)	1-7	2013	
14.	Singhal, V.	'IGNOU foot-step in Vidarbha augmenting equal prospects towards higher studies for all'.	<i>The Horizon</i>	5 (1)	1-12	2014	
15.	Singhal, V. ; Anjana and Hasan, N.	'Use of ICT by Teacher Trainees: A case study of IGNOU B.Ed. learners'.	<i>Think India J,</i>	22 (27)	153- 158	2019	ISSN 0971- 1260

16.	Hasan, N. and Singhal, V.	'Alkalinity sensitivity mapping in irrigation command using GIS'.	<i>J. Exp. Zool. India,</i>	23(1)	209-214	2020	ISSN 0972-0030
17.	Hasan, N. and Singhal, V.	'Emergence of mobile learning: Future for distance learning'.	<i>Our Heritage,</i>	68(1)	947-9480	2020.	ISSN 0474-9030
18.	Anjana; Hasan, N. and Singhal, V.	'ICT for democratization of education in India'.	<i>Our Heritage,</i>	68(1)	941-9419	2020	ISSN 0474-9030
19.	Meena, R. and Singhal, V.	'Major Issues in Indian Education System'.	<i>Journal of Advances and Scholarly Researches in Allied Education</i>	19(1)	174-180	2022	ISSN 2230-7540
20.	Hasan, N. and Singhal, V.	Expanding Social Base of Indira Gandhi National Open University: A Study of Andaman and Nicaobar Islands, India	Global and Lokal Distance Education-GLOKALde	8(2)	46-56	2022	ISSN 2148-7278

Popular Articles:

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Singhal, V. and Arora, N. K.	'Environmental Sciences', Published in Hindi in 'Rojgar Samachar' also.	<i>Employment News</i> , June 4-10, 2005	XXX (10)	1-2	2005	
2.	Singhal, V. and Arora, N. K.	'Careers in Environmental Sciences', Published in Hindi in 'Rojgar Samachar' also.	<i>Employment News</i> , September 24-30, 2005	XXX (10)	1-2	2005	

3.	Hasan, N. and Singhal, V.	‘Sanitation and Sewage Disposal- An Environmental Hazard’.	<i>Researcher- The Step of Success,</i>	April 2015.	5-8	2015	
4.	Singhal, V. and Panda, R.	‘Educational Avenues in IGNOU’, Published in Hindi in ‘Rojgar Samachar’ also.	Employment News, July 20-26, 2019	Vol. XLIV (16)	1, 39	2019	
5.	Singhal, V. and Panda, R.	‘IGNOU: Providing Learner-Centric Distance Education’, Published in Hindi in ‘Rojgar Samachar’ also.	Employment News, February 29- March 06, 2020	XLIV (48)	1, 2, 32	2020	
6.	Singhal, V.; and Hasan, N.	‘Environmental Science through ODL: Plethora of Avenues in IGNOU’, Published in Hindi in ‘Rojgar Samachar’ also.	Employment News, July 23-29, 2022	XLV (17)	1, 54-55	2022	
7.	Singhal, V.; and Hasan, N.	‘IGNOU: The gateway to open learning’	Hindustan Times, August 03, 2022 HT Education		2	2022	

5. Policy Documents Reports/ Mimeos:

SNo.	Title	Institution/ Agency	Year
1.	Reference Material 3.0 for Coordinators/ PICs of SC/ PSCs was prepared under the guidance of Dr. P. Sivaswaroop, Regional Director, released in Coordinator Meeting on 06.11.12 for facilitating IGNOU SC/ PSCs staff	IGNOU Regional Centre Nagpur	2012

2.	‘Two days orientation programme for academic counsellors’, January 19-20, 2013, held at Vanamati Conference Hall, Nagpur by IGNOU Regional Centre Nagpur	<i>University News</i> , A Weekly Journal of Higher Education, Association of Indian Universities, 51 (7): 20-21	February 18-24, 2013
3.	Reference Material 4.0 for Coordinators/ PICs of SC/ PSCs was prepared under the guidance of Dr. P. Sivaswaroop, Regional Director, released in Coordinator Meeting on 09.02.16 for facilitating IGNOU SC/ PSCs staff	IGNOU Regional Centre Nagpur	2016
4.	Conduction of various activities at RC Delhi-1 regarding observation of the Swachhata Pakhwada during 16-31.01.20, Report of the same was prepared as a team member.	IGNOU Regional Centre Delhi-1	2020

6. MOOCs/ eSLMs/ eModules developed :

S No.	Author/ Co-author (if any)	Title	Credits	Level	Host Portal: (SWAYAM/ NPTEL/ NMEICT/ ePG Pathshala/ Any Other)	Year	Weblink
1.	Singhal, V.	‘Prakartiaur Visestaye’ (In Hindi)	6 Credits Course BEV-002 ‘Nagarpalika’, Krishi, Audhyogik, aur Parisankatm ay Apsisth Prabhandhan’, Block 4, ‘Parisankatm ay Apsisth Prabhandhan’,	Certificate (Certificate in Solid Waste Management IGNOU Delhi.)	eSLM Unit	2020	https://egyankosh.ac.in/bitstream/123456789/67894/1/Unit-1.pdf

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

S No.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1.	<u>Singhal, V.</u> and Rathore, V.S.	‘Effects of Mn ²⁺ on lignin biodegradation and ligninolytic enzymes in <i>Phanerochaete chrysosporium</i> ’	G.B.P.U.A. & T., Pantnagar	<i>7th ISPBB National Symposium on Biotechnology for Sustainability in Agriculture</i>	Pantnagar	April 27-29, 2000.
2.	<u>Singhal, V.</u> and Rathore, V.S.	‘Effects of Mn ²⁺ , Zn ²⁺ and Cu ²⁺ on growth, lignin degradation and ligninolytic enzymes in <i>Phanerochaete chrysosporium</i> ’	Univ. of Delhi South Campus, Delhi	<i>National Symposium on Lignocellulose Biotechnology</i>	Delhi	December 10-11, 2001.
3.	<u>Kumar, A.; Singhal, V.;</u> Joshi, B. D. and Rai, J.P.N.	‘Suitability evaluation of ground water in Tarai and Bhabhar region of Kumaun’	Gurukula Kangri Univ., Hardwar	<i>National Symposium on Status of India's Faunistic Diversity and Environment and 12th All India Zoological Congress</i>	Hardwar	December 29-31, 2001.
4.	<u>Singhal, V.;</u> Kumar, A. and Rai, J.P.N.	‘Effect of <i>Eichhornia crassipes</i> phytoremediate d paper mill effluent on germination of wheat and rice seeds’	Gurukula Kangri Univ., Hardwar	<i>National Symposium on Status of India's Faunistic Diversity and Environment and 12th All India Zoological Congress</i>	Hardwar	December 29-31, 2001.
5.	<u>Kumar, A.;</u> <u>Singhal, V.;</u> Joshi, B. D. and Rai, J.P.N.	‘Ground water pollution by pulp and paper mill effluent and its control by land treatment’	Vikram Univ., Ujjain	<i>National Seminar on Environmental Pollution and Fishery Management (NSEPFM)</i>	Ujjain	August 8-10, 2002.

6.	<u>Singhal, V.;</u> Kumar, A. and Rai, J.P.N.	‘Assessment of phytoremediation potential of Channel grass (<i>Vallisneria spiralis</i>) against pulp and papermill and distillery effluents’	Saurashtra Univ., Rajkot	<i>National Conference on Environmental Biology</i>	Rajkot	October 17-18, 2002.
7.	<u>Kumar, A.;</u> <u>Singhal, V.;</u> Joshi, B. D. and Rai, J.P.N.	‘Comparative evaluation of physico-chemical characteristics of pulp and papermill effluent with standards for disposal of industrial effluents’	M.J.P. Rohilkhand University, Bareilly	<i>National Symposium on Biosciences: Advances, Impact and Relevance</i>	Bareilly	October 27-29, 2002.
8.	<u>Singhal, V.;</u> Kumar, A. and Rai, J.P.N.	‘Temporal variations in physico-chemical and microbial characteristics of pulp and paper mill effluent fed soil’	M.J.P. Rohilkhand University, Bareilly	<i>National Symposium on Biosciences: Advances, Impact and Relevance</i>	Bareilly	October 27-29, 2002.
9.	<u>Singhal, V.</u> and Rai, J.P.N.	‘Comparative evaluation of phytoremediation potential of waterhyacinth and channel grass against pulp & paper mill and distillery effluents’	S.P. University, Vallabh Vidyanagar	<i>National Symposium on Environmental Biotechnology and Biodiversity Conservation</i>	Vallabh Vidya nagar	January 31- February 01, 2003.
10.	<u>Singhal, V.</u> and Rathore, V.S.	‘Optimization of cultural parameters for Production of <i>Coriolus versicolor</i> pellets with high	S.P. University, Vallabh Vidyanagar	<i>National Symposium on Environmental Biotechnology and Biodiversity Conservation</i>	Vallabh Vidya nagar	January 31- February 01, 2003.

		ligninolytic potential'				
11.	<u>Rathore, V.S. and Singhal, V.</u>	'Emerging environment friendly biotechnologies in pulp and paper industry'.	S.P. University, Vallabh Vidyanagar	<i>National Symposium on Environmental Biotechnology and Biodiversity Conservation</i>	Vidyanagar	January 31- February 1, 2003
12.	<u>Singh, R. P.;</u> Kapur, N. and <u>Singhal, V.</u>	'Engineering of Xylanolytic Organisms and Enzymes for Pulp and Paper Industries'	Jawaharlal Nehru University, New Delhi, India	<i>Indo-US workshop and National Congress on Molecular Biology & Biotechnological Symbiosis,</i>	New Delhi	March 23-28, 2003
13.	<u>Rathore, V. S.;</u> Abrahama, M. and <u>Singhal, V.</u>	'Sequential bioremediation of pulp & paper mill effluents by ligninolytic Microorganisms ,	Gujarat University and Physical Research Laboratory, Ahmedabad	<i>Seventy- Third Annual Session of the National Academy of Sciences, India</i>	Ahmedabad	October 10-12, 2003.
14.	<u>Rathore, V. S. and Singhal, V.</u>	'Studies on developing environmentally benign biotechnologies for pulp and paper industry'	ITRC, Lucknow	<i>International Symposium on Molecular Toxicology and Environmental Health</i>	Lucknow	November 5-8, 2003.
15.	<u>Singhal, V.;</u> Sharma, C. and Rathore, V. S.	'Optimization of Mn^{2+} requirement for enhanced pellet growth and extracellular ligninolytic enzymes in <i>T. Versicolor</i> '	ITRC, Lucknow	<i>International Symposium on Molecular Toxicology and Environmental Health</i>	Lucknow	November 5-8, 2003.
16.	<u>Kumar, A.;</u> <u>Singhal, V.;</u> Joshi, B.D. and J.P.N. Rai, J.P.N.	'Lysimetric treatment approach for pulp & paper mill effluent using column heights as a variant'	Center for Environmental Sciences and Engineering, IIT-Bombay, Mumbai	<i>National Conference on Advances in Environmental Science and Engineering</i>	Mumbai	December 8-9, 2003.

17.	<u>Singhal, V.</u> ; Kumar, A. and Rai, J.P.N.	'Phytoremediation of industrial effluent: a green approach towards environmental Management'	Vivekanand College, Kanyakumari	<i>National Conf. on Zoology - Opportunities and Challenges</i>	Kanyakumari	December 21-23, 2003.
18.	Kumar, A.; <u>Singhal, V.</u> and Bhutiani, R.	'Mixing of pulp & paper mill effluent causes induced microbial diversity in Gola River'	Vivekanand College, Kanyakumari	<i>National Conf. on Zoology - Opportunities and Challenges</i>	Kanyakumari	December 21-23, 2003.
19.	<u>Rathore, V. S.</u> ; Sharma, S. and <u>Singhal, V.</u>	'Relationship between socio-economic status, fuel and fodder energy consumption patterns in Riu watershed of Jammu region: a case study'	Kathmandu University, Dhulikhel, Nepal	<i>International Conference on The Great Himalayas: Climate, Health, Ecology, Management and Conservation.</i>	Nepal	January 12-15, 2004.
20.	<u>Jee, B.</u> ; Awasthi, S. K.; Singh, K.D.P.; Mishra, L.C.; Agnihotri, M.M. and <u>Singhal, V.</u>	'Preliminary screening of some Indian plants for insecticidal Activity'	S.V.B.P.U. A. & T. Meerut	<i>National Seminar on Recent Advances in Medicinal & Aromatic Plants</i>	Meerut	February 15-17, 2005.
21.	<u>Kumar, A.</u> ; Gupta, Y.K. and <u>Singhal, V.</u>	'Ground water quality assessment in selected areas of Agra city'	Gurukula Kangri University, Hardwar	<i>International Conference on Applied and Community Psychology: Trends and Directions</i>	Hardwar	February 26-28, 2005.
22.	<u>Singhal, V.</u>	'IGNOU Nagpur Regional Centre role in dismantling educational inequality in vidarbha'.	PG Deptt. of Education, RTM Nagpur University, Nagpur	<i>Perennial Indian Education System: The past, present & Future, sub-theme- Education for all,</i>	Nagpur	February 09, 2017

23.	<u>Singhal, V.</u>	'IGNOU courses for teachers & principals of schools'.	PG Deptt. of Education, RTM Nagpur University, Nagpur	One day symposium on "Issues and problems of school education and role of teacher training institution"	Nagpur	March 24, 2017
24.	<u>Singhal, V.</u> and Hasan, N.	'Use of ICT by teacher trainees: A case study'.	RSD, IGNOU, Delhi	<i>National Seminar on ICT support for inclusive digital learning.</i>	Noida	Apr. 21-22, 2017
25.	<u>Hasan, N.,</u> Iqbal, P.J. and <u>Singhal, V.</u>	'Emergence of mobile learning: A future prospective'.	RSD, IGNOU, Delhi	<i>National Seminar on ICT support for inclusive digital learning.</i>	Noida	Apr. 21-22, 2017

8. Consultancy assignment (if any):

SNo.	Organization/ agency	Cost, title of consultancy	Duration
NIL			

9. 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.	Department of Biotechnology, Govt. of India	0.50 Lacs/annum contingency fund + Fellowship @ Rs. 11000 p.m.+HRA (from August 2002 to July 2003) and @ Rs. 11500 p.m.+HRA (from August 2003 to	2002-2004	Completed

		March 18, 2004)/ ' Biobleaching By Ligninolytic Fungi And Their Oxidative Enzymes'		
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10. Details of PhD and MPhil Scholars (including those awarded degree):

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
NIL			

11. Details of Programmes/ Courses coordinated/ written/ edited/ translated if applicable):

S No.	Programme	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written/ Edited (content/ language/ format)/ Translated	Period
1.	R.T.M.Nagpur University, Nagpur, M.Sc. Molecular Biology and Genetic Engineering, III Semester	Course revision for Paper XV 'Industrial Applications of Genetic Engineering'	Meeting for Course Revision Committee	Course was revised	27.03.2014
2.	IGNOU Delhi, Certificate in Solid Waste Management	BEV002 'Nagarpalika, Krishi, Audhyogik, aur Parisankatmay Apsisth Prabhandhan', Block 4, 'Parisankatmay Apsisth Prabhandhan'	eSLM	Written a Unit ' Prakarti aur Visestay ' (In Hindi)	2020
3.	CIET, NCERT	Biology 02 (Class XI, Semester - 2)	Translated from English to Hindi	Translated Module Respiration in Plants: Part – 3	2020
4.	IGNOU Delhi, M.Sc. (Environmental Science)	MEVE-019, Environmental Issues,	Print material	Written a Unit entitled ' Eutrophication '	2021

5.	IGNOU Delhi, M.Sc. (Environmental Science)	MEVE-019, Environmental Issues,	Print material	Written a Unit entitled ‘Marine Pollution’	2021
6.	IGNOU Delhi, M.Sc. (Environmental Science)	MEVE-013, Environmental Biotechnology Block 3 Bioremediation	Print material	Written a Unit ‘Phytoremediation’	2023

12. Training programmes designed and conducted, duration and dates

S No.	Programme	Dates	Place	Number of Participants
1.	Training of LSC 29057, Satyawati College staff about Google Form Development for Assignment Submission of December 2024 session	02.09.2024	Satyawati College, New Delhi	04
2.	Training of LSC 29065, Miranda House staff about Google Form Development for Assignment Submission of December 2024 session	06.09.2024	Miranda House, New Delhi	06
3.	Training of LSC 29040 (W), Laxmibai College staff about Google Form Development for Assignment Submission of December 2024 session	12.09.2024	Laxmibai College, New Delhi	04

13. 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.	Phone-in programme on ‘IGNOU- Admissions July 2012’		IGNOU Gyanvani, Nagpur	23.04.2012	1 Hour	Interactive Radio Counselling
2.	Phone-in programme on ‘Admissions July 2012- IGNOU’s Certificate Programmes’		IGNOU Gyanvani, Nagpur	22.06.2012	1 Hour	Interactive Radio Counselling

3.	Phone-in programme on 'IGNOU-Admissions to Science and Environment related Programmes July 2013'		IGNOU Gyanvani, Nagpur	07.06.2013	1 Hour	Interactive Radio Counselling
4.	Phone-in programme on 'IGNOU-Admissions July 2013'		IGNOU Gyanvani, Nagpur	19.07.2013	1 Hour	Interactive Radio Counselling
5.	Phone-in programme on 'IGNOU-Admissions July 2013 to Health related Programmes'		IGNOU Gyanvani, Nagpur	26.07.2013	1 Hour	Interactive Radio Counselling
6.	Phone-in programme on 'IGNOU-Admissions to Programmes for Teachers and Teacher Educators'		IGNOU Gyanvani, Nagpur	23.08.2013	1 Hour	Interactive Radio Counselling
7.	IGNOU Time Programme on 'About IGNOU'		IGNOU Gyanvani, Nagpur	26.09.2013	1 Hour	Interactive Radio Counselling
8.	Phone-in programme on IGNOU Admissions-January 2014		IGNOU Gyanvani, Nagpur	29.11.2013	1 Hour	Interactive Radio Counselling
9.	Phone-in programme on IGNOU Admissions-January 2014		IGNOU Gyanvani, Nagpur	13.12.2013	1 Hour	Interactive Radio Counselling
10.	BDP	FST-1	1607, IGNOU LSC, Nagpur	15.12.2016, 16.12.2016, 17.12.2016, 18.12.2016, 20.12.2016, 21.12.2016, 22.12.2016, 23.12.2016	2 Hours each	Face to face
11.	'Live Programme on IGNOU Certificate and Diploma Programmes'		IGNOU Gyanvani, Nagpur	13.06.2018	1 Hour	Interactive Radio Counselling

12.	'Live Phone-in Programme on IGNOU Education related Programmes' with Dr. Kishor Wath, PIC, 1622P		IGNOU Gyanvani, Nagpur	03.07.2018	1 Hour	Interactive Radio Counselling
13.	'Live Programme on IGNOU Certificate and Diploma Programmes' with Dr. Y. Venkateshwarlu, ARD		IGNOU Gyanvani, Nagpur	31.07.2018	1 Hour	Interactive Radio Counselling
14.	'Live Programme on IGNOU Bachelor's and Postgraduate Programmes' with Dr. P. Sivaswaroop, RD		IGNOU Gyanvani, Nagpur	03.08.2018	1 Hour	Interactive Radio Counselling
15.	'Live Phone-in Programme on Induction Meet' with Mr. S. Senthil Raj, AR		IGNOU Gyanvani, Nagpur	05.10.2018	1 Hour	Interactive Radio Counselling
16.	Interactive Radio Counselling Session on Student Support Services		EMPC, IGNOU, New Delhi	15.11.2018	1 Hour	Interactive Radio Counselling
17.	Interactive Radio Counselling Session on Student Support Services		EMPC, IGNOU, New Delhi	17.01.2019	1 Hour	Interactive Radio Counselling
18.	Interactive Radio Counselling Session on Student Support Services		EMPC, IGNOU, New Delhi	14.04.2019	1 Hour	Interactive Radio Counselling
19.	Interactive Radio Counselling Session on Term End Exams		EMPC, IGNOU, New Delhi	26.05.2019	1 Hour	Interactive Radio Counselling
20.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU, New Delhi	29.09.2019	1 Hour	Interactive Radio Counselling
21.	BDP	FST-1	1042, IGNOU LSC, Faridabad	13.10.2019, 20.10.2019, 03.11.2019, 10.11.2019, 17.11.2019, 24.11.2019	2 Hours each	Face to face
22.	BAG	BEVAE-181	1042, IGNOU LSC, Faridabad	13.10.2019, 20.10.2019, 03.11.2019, 10.11.2019, 17.11.2019, 24.11.2019	2 Hours each	Face to face

23.	Interactive Radio Counselling-Term End Exams		EMPC, IGNOU, New Delhi	21.11.2019	1 Hour	Interactive Radio Counselling
24.	BDP	FST-1	07177, IGNOU LSC, New Delhi	15.02.2020, 22.02.2020, 29.02.2020, 07.03.2020	2 Hours each	Face to face
25.	BAG	BEVAE-181	07177, IGNOU LSC, New Delhi	15.02.2020, 22.02.2020, 29.02.2020, 07.03.2020	2 Hours each	Face to face
26.	Interactive Radio Counselling-Student Support Services during the locked down period		EMPC, IGNOU New Delhi	26.04.2020	30 minutes	Interactive Radio Counselling (Through mobile)
27.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	14.06.2020	30 minutes	Interactive Radio Counselling (Through mobile)
28.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	30.08.2020	30 minutes	Interactive Radio Counselling (Through mobile)
29.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	27.09.2020	30 minutes	Interactive Radio Counselling (Through mobile)
30.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	24.12.2020	30 minutes	Interactive Radio Counselling (Through mobile)
31.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	18.02.2021	30 minutes	Interactive Radio Counselling (Through mobile)
32.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	11.03.2021	30 minutes	Interactive Radio Counselling (Through mobile)
33.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	13.06.2021	30 minutes	Interactive Radio Counselling (Through mobile)
34.	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	01.08.2021	30 minutes	Interactive Radio Counselling (Through mobile)

35	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	03.10.2021	1 Hour	Interactive Radio Counselling
36	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	02.01.2022	1 Hour	Interactive Radio Counselling
37	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	06.03.2022	1 Hour	Interactive Radio Counselling
38	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	15.05.2022	1 Hour	Interactive Radio Counselling
39	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	01.12.2022	1 Hour	Interactive Radio Counselling
40	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	05.01.2023	1 Hour	Interactive Radio Counselling
41	Teleconference session on Gyan Darshan on Student Support Services with Dr. S.K. Pulist and Dr. Sweta Singh.	EMPC, IGNOU New Delhi	14.02.2023	1 Hour	Teleconference session
42	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	13.04.2023	1 Hour	Interactive Radio Counselling
43	Teleconference session on Gyan Darshan (Every Tuesday at 3.00PM) on Student Support Services with Dr. Hema Pant, Additional Director, RSD.	EMPC, IGNOU New Delhi	13.06.2023	1 Hour	Interactive Radio Counselling
44	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	18.06.2023	1 Hour	Interactive Radio Counselling
45	Teleconference session on Gyan Darshan (Every Tuesday at 3.00PM) on Student Support Services with Dr. Ranjita Panda, Additional Director, SRD and Dr. Sweta Singh, AD, RSD.	EMPC, IGNOU New Delhi	05.09.2023	1 Hour	Teleconference session
46	Interactive Radio Counselling-Student Support Services	EMPC, IGNOU New Delhi	02.11.2023	1 Hour	Interactive Radio Counselling

47	Teleconference session on Gyan Darshan (Every Tuesday at 3.00PM) on Student Support Services with Dr. D.P. Singh, DD, SRD and Dr. Indrani Lahiri, DD, COE.		EMPC, IGNOU New Delhi	05.12.2023	1 Hour	Teleconference session
48	Conduct of counselling sessions of PGDEOH Programme for July 2023 session of IGNOU-Goal Guyana students for courses MEV-1, 2, 3 and MEVE-2, 3, 4		IGNOU RC Delhi-1	21.10.23 to 26.05.24 as per schedule	2 Hours each	Online mode through Google Meet
49	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	07.04.2024	1 Hour	Interactive Radio Counselling
50	BBA	BEVAE-181	LSC700, New Delhi	01.06.2024, 02.06.2024, 08.06.2024, 09.06.2024, 15.06.2024,	2 Hours each	Online mode through Google Meet
51	Teleconference session on Gyan Darshan (Every Tuesday at 3.00PM) on Student Support Services with Dr. Amit Shrivastava, DD,		EMPC, IGNOU New Delhi	11.06.2024	1 Hour	Teleconference session
52	BAGS	BEVAE-181	LSC700, New Delhi	17.08.2024, 18.08.2024, 24.08.2024, 25.08.2024, 31.08.2024, 01.09.2024	2 Hours each	Online mode through Google Meet
53	Teleconference session on Gyan Darshan (Every Tuesday at 3.00PM) on Student Support Services with Dr. Amit Shrivastava, DD,		EMPC, IGNOU New Delhi	27.08.2024	1 Hour	Teleconference session
54	Interactive Radio Counselling-Student Support Services		EMPC, IGNOU New Delhi	26.09.2024	1 Hour	Interactive Radio Counselling

14. Details of Patents granted (if any): NIL

15. Contribution to IGNOU's corporate life:

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.	Member	Anti-ragging Cell, RC Nagpur	2014-18

2.	Nodal Officer	Regional Centre Nagpur Committee Against Sexual Harrasment (RCCASH),	2015-16
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16. Administrative position/s held in the University (even as in charge)

SNo.	Designation	Period

17. Any other contribution/information

Industrial Experience

Period	Organization	Description of Work and Responsibilities
Nov. 07, 2005- Apr. 06, 2006	Ministry of Defence, Ordnance Factory Board, Ordnance Factories Institute of Learning, Medak	Attending induction training and visited various Ordnance Factories at Medak, Kanpur, Pune and, Avadi. Also completed two projects one each at High Explosive Factory, Kirkee, Pune and Ammunition Factory, Kirkee.
Apr. 13, 2006- June 11, 2011	Ministry of Defence, Ordnance Factory Board, Ordnance Factory Varangaon-425 308, Distt. Jalgaon	Worked at Primer Filling Section as Head of Section. Important responsibilities includes: a) Responsibility as frontline manager in achievement of organizational objectives in time b) Planning of man, material and machine for completion of production target in time c) Cost control including shop budgeting, overhead and payment of direct industrial employees and by reduction of UAR (unavoidable rejection) d) Development of new products e) Technical and administrative functions f) Orderly officer duty g) Inquiry officer/ presiding officer/ presenting officer h) Quality audit for TQM i) Scrutiny committee member for various DPC and direct selection at the level of Group C


Signature of Teacher /Academic