

1. Details of the Teacher/ Academic :

Name:	DEEPIKA
Date of Birth	30/04/1975
Date of Joining in IGNOU:	15/01/2004
Current Designation :	Professor
Pay Scale as on date :	Pay Level 14
Highest Educational Qualifications & Discipline :	Ph.D. in Mathematics in 2002

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
Deepika	Junior Research Fellowship	CSIR, New Delhi	1 st August, 1997 to 30 th April, 1999
Deepika	Membership	Indian Mathematical Society	Life Member
Deepika	Membership	Association of Mathematics Teachers, India	Life Member
Deepika	Membership	Indian Society of Technical Education	Life Member
Deepika	Membership	School Board of School of Sciences, IGNOU	July, 2010 to July, 2012 September, 2016 to September, 2018 December, 2020 to date

3. Books/Book Chapter:

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

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.	S. Venkataraman and Deepika	National year of Mathematics	NCIDE	IGNOU	2013	245-254	978-81-266-6603-4
2.	S. Venkataraman and	Mathematics Teaching in the Time of	NCIDE	IGNOU	2021	138-146	978-93-5568-097-6

	Deepika	Pandemic : Challenges and Responses					
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4. Research Articles/Publications:

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	P.P.Gupta and Deepika	Analytic Behaviour of a Compound Redundant System having Imperfect Switching	Bulletin of Pure and Applied Sciences	Vol. 19E, No.1	169-182	2000	0970-6577
2.	Deepika	Reliability measures for an automated teller machine system	Journal of Indian Society of Statistics and Operations Research	Vol. XXVIII (No. 1-4)	65-79	2007	0250-9636
3.	Deepika and Garg K.K.	Performance Model of Database Relationship of Design and Manufacturing	Journal of Reliability and Statistical Studies	Vol. 3 (issue 2)	47-59	2010	ISSN-0974-8024
4.	Deepika and Garg K.K.	Analysis of Profit Function and Various Reliability Parameters of a Sugar Plant	ISST Journal of Mathematics and Computing System	Vol. 2(No. 2)	27-35	2011	0976-9048
5.	Deepika	Operational Readiness of a Parallel Transit Fuel System in Petrol Engine	Research Line Journal	Vol. XXV, No. 1	41-47	2017	2321-2993
6.	Sameer Garg, K.K.Garg, Shikha Gupta and Deepika	Financial Ration and Trend Projection Analysis-A case Study of NTPC	Journal of Studies in Management and Planning	Vol. 4, No. 2	47-63	2018	2395-0463
7.	Sameer Garg, K.K.Garg, Shikha Gupta and Deepika	Liquidity Analysis to Ascertain Short-Term Solvency-A case study of NTPC	International Journal of Research	Vol. 5 No. 1	2090-2105	2018	2348-6848
8.	Deepika and S. Venkataraman	Teaching Mathematics with Applications in Computer Science at Master's Level through Distance Mode	University News,	Vol. 58, No. 43	17-24	2020	0566-2257

9.	S. Venkataraman and Deepika	Web Based Academic Support in Teaching Mathematics During Pandemic	International Journal of Research in Engineering and Science	Volume 9 Issue 3	14-19	2021	2320-9364
10.	S. Venkataraman and Deepika	Use of Wrap-Around Material in ODL: An IGNOU Case Study	International Journal of Research in Engineering and Science	Volume 9 Issue 5	44-50	2021	2320-9364

5. Policy Documents Reports/ Mimeos: Nil

6. MOOCs/ eSLMs/ eModules developed : Nil

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.	Deepika	Reliability of Digital Information Sources,	Institute of Management Studies	3 rd International Conference on Skill development and technological innovations (ICST 2015)	Ghaziabad	Nov., 28, 2015
2.	Deepika	Introduction to Soft Computing	Aryabhatta College of Engineering & Research Center	Springer's International Conference on Computer, Communication and Computational Sciences (IC4S-2016)	Ajmer	Aug., 12-13, 2016
3.	Deepika	Chaired Technical Session	ABES Engineering College	2 nd International Conference on Computational Intelligence & Communication Technology (CICT 2016)	Ghaziabad	Feb., 12-13, 2016
4.	Deepika	Innovations in Real Life Situations	Lingaya's Lalita Devi Institute of Management & Sciences	National Conference on Competency Building for Excellence, Innovation & Social Change	New Delhi	Nov., 6, 2015

5.	P P Gupta and Deepika	Analysis of Profit Function and Reliability of a Sugar Plant	Gurukul Kangri Vishwavidyalaya	64 th annual conference of IMS	Haridwar	Dec., 23-27, 1998
6.	P P Gupta and Deepika	Analysis of a Transit System under Pro-emptive Resume Repair Priority	APS University	65 th annual Conference of IMS	Rewa	Dec., 20-24, 1999
7.	Deepika and S. Venkataraman	Mathematics Teaching in the time of Pandemic- Challenges and Responses	NCIDE, IGNOU	Innovations in Open and Distance Learning (ODL) for Quality Education-2020	New Delhi	October 14-15, 2020

8. Consultancy assignment (if any): Nil

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

10. Details of PhD and MPhil Scholars (including those awarded degree):

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

SN o.	Programme	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
1.	Bachelor's Preparatory Programme	Preparatory Course in General Mathematics (OMT-101)	Print	<ul style="list-style-type: none"> • Written Units • Translated and Vetted Hindi Units 	2004-2005
2.	Master's in Mathematics with applications in Computer Science <i>Programme Coordinator</i>	Probability and Statistics(MMT-008)	Print	<ul style="list-style-type: none"> • Course Coordinator • Written Units • Transformed Units 	2006-2008
3.	Master's in Mathematics with Applications in Computer Science	Soft Computing and its Applications(M MTE-007)	Print	<ul style="list-style-type: none"> • Course Coordinator • Written Units • Transformed Units 	2007-2010

	<i>Programme Coordinator</i>				
4.	Bachelor's in Computer Applications	Theory of Computations (CS-73)	Print	<ul style="list-style-type: none"> • Written Units • Transformed Units 	2004-2006
5.	Master's in Mathematics with Applications in Computer Science <i>Programme Coordinator</i>	Pattern Recognition and Image Processing (MMTE-003)	Print	<ul style="list-style-type: none"> • Course Coordinator • Participated in Course Design Expert Committee meeting of each of the math courses. • Course Development • Written Units • Transformed Units • Scilab Practical Manual Development 	2014-2021
6.	Bachelor's Degree Programme	Calculus (MTE-01)	Print	Course Coordinator	2007-To Date
7.	Bachelor's Degree Programme	Mathematical Methods (MTE-03)	Print	Course Coordinator	2020-To Date
7.	Bachelor's Degree Programme	Linear Programming (MTE-12)	Print	Course Coordinator	2007-To Date
8.	Bachelor's Degree Programme	Probability and Statistics (MTE-11)	Print	Course Coordinator	2007-To Date
9.	Bachelor's Degree Programme	Operations Research (AOR-01)	Print	Course Coordinator	2007-To Date
10.	B.Sc. (General) under CBCS	Calculus (BMTC-131)	Print	<ul style="list-style-type: none"> • Participated in Course Design Expert Committee meeting of each of the math courses. • Course Coordinator of Calculus • Written Eleven Units • Vetted units mentioned above in Hindi. 	2017-2019
11	B.Sc. (General) under CBCS	Numerical Analysis (BMTE-144)	Print	<ul style="list-style-type: none"> • Participated in Course Design Expert Committee meeting of each of the math 	2019-2022

				courses. • Course Coordinator of Numerical Analysis. • Written Eight Units • Vetted units mentioned above in Hindi.	
12.	Doctoral Programme in Mathematics <i>Programme Coordinator till March, 2022</i>	• Research Methodology (RMT-003) • Probability Theory (RMTE-006) • Optimization Theory (RMTE-007)	Face to face	• Participated in Course Design Expert Committee meeting of each of the math courses. • Course Coordinator • Taking face-to-face classes for the coursework.	2022-till date

12. Training programmes designed and conducted, duration and dates: Nil

SNo.	Programme	Dates	Place	Number of Participants
1.	Master's in Mathematics with applications in Computer Science and Bachelor's Degree Programme	30/09/2016 01/10/2017	Regional Centre, Pune	20
2.	Master's in Mathematics with applications in Computer Science and Bachelor's Degree Programme	21/10/2016 22/10/2016	Convention Centre, IGNOU	32
3.	Master's in Mathematics with applications in Computer Science	October, 2010	EMPC, IGNOU	Through Teleconferencing
4.	Master's in Mathematics with applications in Computer Science	March, 2021	IGNOU, New Delhi	For Kochin Regional Centre through Web Conferencing
5.	Master's in Mathematics with applications in Computer Science	October, 2021	IGNOU, New Delhi	For Chennai Regional Centre through Web Conferencing

13. Details of Counselling sessions conducted:

SNo.	Program	Course	Place	Dates	Duration	Mode (Specify-
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	me					Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	Bachelor's Degree Programme	Calculus(MTE-01)	EMPC, IGNOU	03/04/2018	One hour	Radio Counselling
2.	Bachelor's Degree Programme	All Math Electives	EMPC, IGNOU	09/10/2018	One hour	Radio Counselling
3.	Bachelor's Degree Programme	Calculus(MTE-01)	EMPC, IGNOU	14/08/2018	Two sessions of 30 min. each	Teleconferencing
4.	Bachelor's Degree Programme	Calculus(MTE-01)	EMPC, IGNOU	18/10/2018	Two sessions of 30 min. each	Teleconferencing
5.	Bachelor's Degree Programme	All Math Electives	EMPC, IGNOU	13/04/2017	One hour	Radio Counselling
6.	Master's in Mathematics with Applications in Computer sciences	MMTP-001	EMPC, IGNOU	24/10/2017	One hour	Radio Counselling
7.	Bachelor's Degree Programme	Application oriented Courses	EMPC, IGNOU	20/04/2010	One Hour	Radio Counselling
8.	Bachelor's Degree Programme	Statistical techniques (AST-01)	EMPC, IGNOU	16/04/2010	Two sessions of 45 min. each	Teleconferencing
9.	Master's in Mathematics with Applications in Computer Science	Soft Computing and its Applications(MMTE-007)	EMPC, IGNOU	17/08/2010	Two sessions of 45 min. each	Teleconferencing
10.	Master's in mathematics with applications in Computer Science	Probability and Statistics(MMT-008)	EMPC, IGNOU	02/02/2008	Two sessions of 45 min. each	Teleconferencing
11.	Bachelor's Degree Programme	Probability and Statistics(EMPC, IGNOU	31/08/2007	Two sessions of 45 min.	Teleconferencing

		MTE-11)			each	
12.	Bachelor's Degree Programme	Linear Programming(MTE-12)	EMPC, IGNOU	23/11/2007	Two sessions of 45 min. each	Teleconferencing
13.	Bachelor's Degree Programme	Linear Programming(MTE-12)	EMPC, IGNOU	22/09/2006	Two sessions of 45 min. each	Teleconferencing
14.	Bachelor's Degree Programme	Discrete Mathematics	EMPC, IGNOU	22/07/2005	Two sessions of 45 min. each	Teleconferencing
15.	Bachelor's Degree Programme	Operations Research(AOR-01)	EMPC, IGNOU	03/07/2005	One Hour	Radio Counselling
16.	Master's in mathematics with applications in Computer Science	All Courses	EMPC, IGNOU	24/03/20	One Hour	Jointly on GD, GV and Gyandhara
17.	BSCG/BAG	Calculus	EMPC, IGNOU	April, 2020	One Hour	Jointly on GD, GV and Gyandhara
18.	BSCG/BAG	Calculus	EMPC, IGNOU	May, 2020	One Hour	Jointly on GD, GV and Gyandhara
19.	BSCG/BAG	Calculus	EMPC, IGNOU	May, 2020	One Hour	Jointly on GD, GV and Gyandhara
20.	BSCG/BAG	Calculus	EMPC, IGNOU	May, 2020	One Hour	Tele Conferencing and Radio Counselling Combined
21.	BSCG/BAG	Calculus	EMPC, IGNOU	June, 2020	One Hour	Tele Conferencing and Radio Counselling Combined
22.	BSCG/BAG	Calculus	EMPC, IGNOU	July, 2020	One Hour	Tele Conferencing and Radio Counselling Combined
23.	BSCG/BAG	Numerical Analysis	EMPC, IGNOU	July, 2022	One Hour	Interactive Radio Counselling

24.	MSC(MACS)	Induction Programme	EMPC, IGNOU	February, 2022	One Hour	Interactive Radio Counselling
25.	MSC(MACS)	Introduction to Projects	EMPC, IGNOU	July, 2021	One 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.	Joint Secretary	IGNOU Staff Children Development Society	2013-2015
2.	Member	IGNOU Staff Children Development Society	2007 -2020
3.	Member	IGNOUTA/IGNOUTA(T)	2004 -2021

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

17. Any other contribution/information:---

Deepika

Signature of Teacher /Academic