

1. Details of the Teacher/ Academic :

Name	Dr. Munish Kumar Bhardwaj
Date of Birth	DOB: 05/01/1965
Date of Joining in IGNOU:	04/01/1993
Current Designation :	Professor
Pay Scale as on date :	Basic Pay : Rs 211800 Cell: 14
Highest Education Qualification & Discipline :	Ph. D. (Civil Engineering)

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. M. K. Bhardwaj	Life Member	Indian Geotechnical Society	Life Member
Dr. M. K Bhardwaj	Life Member	Indian Distance Education Association	Life Member
Dr. M. K Bhardwaj	Member School Board	School Board (SOET, IGNOU)	2004 -2006 2008 - 2014 2017 - 2019
Dr. M. K Bhardwaj	Member School Board	School Board (SOS, IGNOU)	2006 -2008
Dr. M. K Bhardwaj	Member School Board	School Board (SOCIS, IGNOU)	2010 -2012
Dr. M. K Bhardwaj	Member School Board	School Board (SOCIS, IGNOU)	2021-23

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.	Dr. M. K. Bhardwaj	Lab II: Block 1 Environmental Engineering	New Delhi	IGNOU	2000	72	81-7605-848-3
2.	Dr. M. K. Bhardwaj	Retaining Wall	New Delhi	IGNOU	2000	32	81-7605-904-8
3.	Dr. M. K. Bhardwaj	Compass Surveying	New Delhi	IGNOU	2006	24	81-266-2452-3

4.	Dr. M. K. Bhardwaj	Levelling	New Delhi	IGNOU	2006	28	81-266-2452-3
5.	Dr. M. K. Bhardwaj	Basic concepts of Pre-stressing	New Delhi	IGNOU	2009		978-81-266-3843-7
6.	Dr. M. K. Bhardwaj	Vocational Skill Training, assessment and Open Distance Education	Delhi	Anmol Publications Pvt. Limited, Delhi	2007	14	81-261-3110-1
7.	Dr. M. K. Bhardwaj	Basics of Construction Project Management	New Delhi	IGNOU	2009	14	978-81-266-3843-7
8.	Dr. M. k. Bhardwaj	Environment Protection at Work site	New Delhi	IGNOU	2020		978-93-5568-283-3
9.	Dr. M. K. Bhardwaj	Training and Development of Construction Workers	New Delhi	IGNOU	2020		978-93-5568-283-3

4. Research Articles/Publications:

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Dr. M. K. Bhardwaj & Dr. Manoj Kulshrestha	Human resources in Construction: IGNOU's Model	Journal of Distance Education, Directorate of Distance Education, University of Jammu	IX	79-80	2002	
2.	Dr. M. K. Bhardwaj & Prof T. K. Datta	Semiactive Fuzzy control of the Seismic Response of Building frames	American Society of Civil Engineers	132	791-799	2006	0733-9445
3.	Dr. M. K. Bhardwaj, S. P. Shrivastava & Dr. B. K. singh	Use of Structural masonry- A Review	International journal of Engineering research and Advanced Technology	4	70-75	2018	2454-6135
4.	Dr. M. K. Bhardwaj, S. P. Shrivastava & Dr. B. K. singh	An Experimental Investigation of the Behaviour of Modified Rat Trap Bond Concrete Brick masonry Wall Panel Under Uni-axial	Journal of Civil engineering and Environmental technology	5	579-582	2018	2349-8404

		Compressive Cyclic Loading					
5.	Dr. M. K. Bhardwaj	Identification of Critical Parameters in Active Control Schemes for Optimal Structural Control (pp 1-12)	Asian journal of Civil Engineering	12	1-12	2020	1563-0854

5. Policy Documents Reports/ Mimeo:

SNo.	Title	Institution/ Agency	Year
1.			
2.			

6. MOOCs/eSLM/eModules developed :

SN o.	Auth or/ Co-auth or (if any)	Title	Cre dits	Level	Host Portal: (SWAYAM/ NPTEL/ NMEIC T/ ePG Pathshala/Any Other)	Year	Weblink
1.	Dr. M. K. Bhardwaj	Concrete Technology	2	Certificate	SWAYAM	2020	https://onlinecourses.swayam2.ac.in/nou20_cs14/preview (July 2020) https://onlinecourses.swayam2.ac.in/nou21_ce03/preview (Jan 2021) https://onlinecourses.swayam2.ac.in/nou21_ce08/preview (July 2021) https://onlinecourses.swayam2.ac.in/nou22_ce03/preview (Jan 2022) https://onlinecourses.swayam2.ac.in/nou22_ce09/preview (July 2022)
2.	Dr.	Repair	3	Certifi	SWAYAM	2021	

M. K. Bhardwaj	and Maintenance of Buildings	cate				https://onlinecourses.swayam2.ac.in/nou21_ce04/preview (Jan 2021) https://onlinecourses.swayam2.ac.in/nou21_ce09/preview (July 2021) https://onlinecourses.swayam2.ac.in/nou22_ce04/preview (Jan 2022 session) https://onlinecourses.swayam2.ac.in/nou22_ce10/preview (July 2022)
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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.	M. K. Bhardwaj & Prof G. Murtaza	Settlement Analysis of Vertical Piles in Clay Using Rheological Constants	ICGE	International	Shenzhen	March 6-9, 1993
2.	M. K. Bhardwaj & Prof. Anil Kumar	Engineering and Technology Programmes Run by IGNOU – A Critical Evaluation	IDEA	National	Chandigarh	April 18-19, 1998
3.	M. K. Bhardwaj & M. Kulshrstha	Continuing Education Programmes in Civil Engineering	IDEA	National	Nasik	1999
4.	M. K. Bhardwaj & M. Kulshrstha	Functional Assignment : An Effective Teaching Tool in Distance Learning for Engineering & Technology Programmes	IDEA	National	Warangal	2001
5.	M. K. Bhardwaj & M. Kulshrstha	OLDES : A Potential Mode for Training and Development of Human Resources in Construction	CIDC	National	Delhi	October 4-6, 2001

6.	M. K. Bhardwaj & M. Kulshrestha	Development of Multiple Criteria Decision Support System (MCDSS) for Study Centre Performance Evaluation	AAOU	National	Delhi	Feb 2002
7.	M. K. Bhardwaj & Prof T. K. Datta	Fuzzy Rule Base Semi-Active Control of Building Frames Under Seismic Excitation	Roorkee University	International	Roorkee	Dec 16-18, 2002
8.	M. K. Bhardwaj & Prof T. K. Datta	Optimization of Damper Parameters of Semi-actively Controlled Building frames Using Fuzzy Logic	ISVR	International	Southampton (UK)	July 14-16, 2003
9	M. K. Bhardwaj & M. Kulshrestha	Towards Seamless Convergence : A Case Study of Engineering Diploma Programmes for Indian Army	ICDE	International	Delhi	Nov 19-23, 2005
10.	M. K. Bhardwaj & Prof T. K. Datta	Hybrid Control of Seismic Response of Building Frames	Roorkee University	International	Roorkee	Dec 18-20, 2006
11	M. K. Bhardwaj	Planning and design of Earthquake Resistant Infrastructure	MITS, Gwalior	National	Gwalior	May 2-3, 2011
12.	M. K. Bhardwaj	The Concept and Salient Features of Earthquake Resistant Structures	AMU, Aligarh	National	Aligarh	April 20, 2013
13.	M. K. Bhardwaj & S. Samuel	Analysis of Green Building forms in Indian Climatic Zones	MITS, Gwalior	National	Gwalior	March 19-20, 2015
14.	M. K. Bhardwaj & Prof. T. K. Datta	Study of Critical Parameters for Optimal Structural Control in Active Control Schemes	Jamia Millia Islamia, Delhi	National	Delhi	Nov 20-21, 2017
15.	M. K. Bhardwaj	Seismic analysis of High Rise Buildings	GNIOT, Noida	National	Noida	July 16-20, 2018
16.	M. K. Bhardwaj	Structural Control	GITS, Udaipur	National	Udaipur	14 Sept 2020
17.	M. K. Bhardwaj	Dealing with Earthquakes	Dr. B. R. Ambedkar Marathwada,	National	Aurangabad	25 June 2022

			University Aurangabad			
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8. Consultancy assignment (if any):

SNo.	Organization/ agency	Cost, title of consultancy	Duration

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

S No.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1.	IGNOU	10000	Jan 2000 - Nov 2001	Completed
2.	DST, Govt of India	65 lakh	Jan 2005 - March 2008	Completed

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

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1.	Mr. S. P. Shrivastava 127724126	2012	2021

11. Details of Programmes/ Courses coordinated/ written/ edited/ translated:
(i) Programme co-ordination

S N o.	Programme	Nature of Assignment	Period
1.	Diploma in Civil Engg. [DCLE(G)]		2007-till date
2.	Bachelor of Architecture (B. Arch)		2008-2011
3.	Advanced certificate in Power Distribution Management (ACPDM)	Programme Coordinator	2007

(ii) Course coordination

Sl. No.	Course Code & Title	Credits (Blocks)	Dates From	Print/Audio/Video/e-slm	Nature of Contribution
B Tech Civil (Construction Management)/B Tech Civil (Water Resources Engg.)/ BTME					
1.	ET 302(B) Technical Writing	01(1)	August 1998 to October 1999	Print	• Course Coordinator
2.	ET 508 (A) Structural Design-I	4(4)	From January 1999 to August 2000	Print	• Course Coordinator

3.	ET 532 A Hydrology	4(3)	From January 1994 to August 1996	Print	<ul style="list-style-type: none"> • Course Coordinator
4.	ET 524 A/ET 534 A Principles of Engineering Management & Economics	3(2)	From April 1998 to February 1999	Print	<ul style="list-style-type: none"> • Course team Member
5.	ET 533 A Irrigation Engineering	4(1- 4)	From March 1998 to February 1999	Print	<ul style="list-style-type: none"> • Course Coordinator
6.	ET 535 B Hydraulic Structures	4(3& 4)	From March 1999 to January 2000	Print	<ul style="list-style-type: none"> • Course Coordinator
7.	ET 536 B Hydraulic Structure-II	4(1,3 &4)	From November 1998 to October 1999	Print	<ul style="list-style-type: none"> • Course Coordinator
8.	ET 540 B Flow in Open Channel	2(1)	From July 1999 to February 1999	Print	<ul style="list-style-type: none"> • Course Coordinator
9.	ET 574 Laboratory-II	2(1)	From July 1999 to June 2000	Print	<ul style="list-style-type: none"> • Course Coordinator
10.	BME 015 Mathematics	4(1-4)	From January 2006 to February 2007	Print	<ul style="list-style-type: none"> • Course Coordinator

Sl. No.	Course Code & Title	Credits (Blocks)	Dates From To	Print/Audio/Video/e-slm	Nature of Contribution
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Diploma in Civil Engineering DCLE(G)

1.	BET-011 Mathematics-I	2(1)	From July 2003 to December 2004	Print	<ul style="list-style-type: none"> • Curriculum Design
2.	BET-014 Applied Mechanics	2(1)	From July 2003 to July 2004	Print	<ul style="list-style-type: none"> • Curriculum Design
3.	BET-015 Engineering Materials	2(1)	From July 2003 to July 2004	Print	<ul style="list-style-type: none"> • Curriculum Design
4.	BET-021 Mathematics-II	2(1)	From July 2003 to March 2005	Print	<ul style="list-style-type: none"> • Curriculum Design
5.	BET-022 Strength of Materials	2(1)	From January 2004 to December 2004	Print	<ul style="list-style-type: none"> • Course Team Member
6.	BET-023 Elements of Survey	2(1)	From April 2005 to June 2006	Print	<ul style="list-style-type: none"> • Course Coordinator • Course Team Member

7.	BET-036 Technical Documentation	2(1)	From July 2008 to May 2009	Print	<ul style="list-style-type: none"> • Course Coordinator
8.	BCE-024 Construction Technology-I	2(1)	From January 2004 to July 2005	Print	<ul style="list-style-type: none"> • Curriculum Design
9.	BCE-031 Advanced Survey	2(1)	From March 2005 to June 2006	Print	<ul style="list-style-type: none"> • Course Coordinator • Course Team member
10.	BCE -032 Theory Structures-I	2(1)	From January 2005 to June 2006	Print	<ul style="list-style-type: none"> • Course Coordinator • Course Team Member
11.	BCE-033 Environmental Engineering	2(1)	From October 2005 to July 2006	Print	<ul style="list-style-type: none"> • Curriculum Design
12.	BCE 034 EQS-I	2(1)	From January 2005 to June 2006	Print	<ul style="list-style-type: none"> • Curriculum Design
13.	BCE-036 Soil/Roads/Airfields	2(1)	From January 2005 to July 2006	Print	<ul style="list-style-type: none"> • Curriculum Design
14.	BCE-041 Theory of Structure-II	2(1)	From December 2005 to January 2007	Print	<ul style="list-style-type: none"> • Course Coordinator • Course Team Member
15.	BCE-043 Construction Technology-II	2(1)	From December 2005 to January 2007	Print	<ul style="list-style-type: none"> • Curriculum Design
16.	BCE-045 Construction Drawing	2(2)	From March 2006 to July 2007	Print	<ul style="list-style-type: none"> • Course Team Member
17.	BCE-046 Soil Mechanics and Foundation Engineering	2(1)	From June 2007 to July 2008	Print	<ul style="list-style-type: none"> • Course Coordinator • Course Team Member
18.	BCEE-052 Construction Equipment	2(1)	From March 2007 to May 2008	Print	<ul style="list-style-type: none"> • Curriculum Design
19.	BCE-051 Construction management	4(1)	From January 2008 To March 2009	e-SLM	<ul style="list-style-type: none"> • Course Coordinator • Course Team member
20.	BCE-061 Irrigation Engineering	2(1)	From January 2008 to May 2009	Print	<ul style="list-style-type: none"> • Course Coordinator
21.	BCEE-061 Prestressed Concrete	2(1)	From March 2007 to April 2008	Print	<ul style="list-style-type: none"> • Course Coordinator • Course Team Member

Sl. No.	Course Code & Title	Credits (Blocks)	Dates From	To	Print/Audio/Video/e-slm	Nature of Contribution
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Advanced Certificate in Power Distribution Management (ACPDM)

1.	BEE 003	06 (5)	From April 2007 to November 2007	Print	• Course Coordinator
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Sl. No.	Course Code & Title	Credits (Blocks)	Dates From	To	Print/Audio/Video/e-slm	Nature of Contribution
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PG Certificate in Industrial Safety (PGCINDS)

1.	MIS023	02 (2)	From April 2018 to June 2020	e-SLM	• Course Coordinator
2.	MISP 021	04 (1)	From April 2020 to June 2020	e-SLM	• Course Coordinator

Sl. No.	Course Code & Title	Credits (Blocks)	Dates From	To	Print/Audio/Video/e-slm	Nature of Contribution
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PG Certificate in Inventory Planning and Warehousing Systems for Engineers (PGCIPWS)

1.	MWRP 001	04(1)	From April 2020 to June 2020	e-SLM	• Course Coordinator
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(iii) Courses/Units Written

Sl. No.	Course Code & Title	Credits (Blocks)	Dates From	To	Print/Audio/Video/e-slm	Nature of Contribution
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BTCM/DCLE(G)/PGCINDS

1.	BCEE 061 Basic Concepts of Prestressing	02 (1)	IGNOU, Delhi 2009	Print	• Course Writer
	BCE 051 Basics of Construction Project Management	04(1)	IGNOU, Delhi 2009	e-SLM	• Course Writer
	BCE 051 Scheduling Techniques	04(1)	IGNOU, Delhi 2009	e-SLM	• Course Writer

	BET 023 Compass Surveying	02(1)	IGNOU, Delhi June 2006	Print	• Course Writer
	BET 023 Levelling	02(1)	IGNOU, Delhi June 2006	Print	• Course Writer
	MIS 023 Environment Protection at Work Site	02 (2)	IGNOU, Delhi 2020	e-SLM	• Course Writer
	MIS 023 Training and Development of Construction Workers	02 (2)	IGNOU, Delhi 2020	e-SLM	• Course Writer

(iv) Courses edited

Sl. No.	Course Code & Title	Credits (Blocks)	Dates From To	Print/Audio/Video/e-SLM	Nature of Contribution
PG Certificate in Inventory Planning and Warehousing Systems for Engineers (PGCIPWS)					
1.	MWR-03		Nov 2021 to Jan 2022	e-SLM	• Editor
PG Certificate in Industrial Safety					
1.	MIS 023	02(2)	From April 2018 to June 2020	e-SLM	• Editor

12. Training programmes designed and conducted, duration and dates

S No.	Programme	Dates	Place	Number of Participants
1.	Repair and maintenance of Mobile Phones	(i) Sept 03-29, 2007 (ii) Feb 04-March 01, 2008	Tool Room and training centre (TRTC) Guwahati -do-	23 20
2.	Silk Screen Design and Printing	Feb 04-29, 2008	Tool Room and training centre (TRTC) Guwahati	22

3.	Working on Conventional lathe Machine	Sept 03-29, 2007	Tool Room and training centre (TRTC) Guwahati	11
4.	Repair and maintenance of Office and Household Electrical Gadgets	Aug 01-26, 2008	Tool Room and training centre (TRTC) Guwahati	25

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)
	BTCM/BTWRE DCLE(G) B. Arch PGCINDS PGCIPWS	(i) Design of RCC Structures (ii)Design of Steel Structures (iii)Transportation Engineering (iv)Building materials (v)Pre-stressed Concrete (vi)Earthquake Engineering (Vii) Safety in Construction Industry (viii) Warehousing Sysytem	IGNOU Study Centre, CSMRS, New Delhi EMPC, IGNOU SOET	2005 to 2022	Face to face sessions of 2 hrs each, In other modes each session of 1 hour	Face to Face , Teleconferencing, Radio Counselling and Google Meet

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

S. No.	Chairperson/	Name of the Committee	Date/ period
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	Member of Committee		
1.	Member	Refreshment Committee for: 1. University Convocation 2. Prof G. Rama Reddy Memorial Lecture 3. 3. Foundation Day of IGNOU	
2.	Member	Committee for Zero Garbage Policy	Oct 2007 – Aug 2008
3.	Member	Organising committee of Conference on “Social Development, Social Movements and the Marginalised”	February 16-19, 2008
4.	Member	National Level Discussion Meeting to evolve Concrete Action Plan for Skill Up-gradation and Capacity Building to Strengthen PM's National Skill Development Mission through Vertically Integrated Engg. Programme	February 01 , 2010

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

S No.	Designation	Period

17. Any other contribution/information

Dr. Munish Kumar Bhardwaj

Signature of Teacher /Academic