

1. Details of the Teacher/ Academic :

| | | |
|-----------------------------------|---|-----------------|
| Name & Date of Birth : | Dr. Munish Kumar Bhardwaj | DOB: 05/01/1965 |
| Date of Joining in IGNOU: | 04/01/1993 | |
| Current Designation : | Associate Professor | |
| Pay Scale as on date : | Basic Pay : Rs 171400 Cell: 13A | |
| Qualifications : | Ph. D. (Civil Engineering) M. Sc. Engg. (Civil Engg.), B. Sc. Engg.(Civil Engg.) PG Diploma in Human Resource Management Diploma in Distance Education | |

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 |

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 |

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 | 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 Compressive Cyclic Loading | Journal of Civil engineering and Environmental technology | 5 | 579-582 | 2018 | 2349-8404 |

5. Policy Documents Reports/ Mimeos:

| SNo. | Title | Institution/ Agency | Year |
|------|-------|---------------------|------|
| 1. | | | |
| 2. | | | |

6. Book Review published :

| 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. | 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. Kulshrstha | Development of Multiple Criteria Decision Support System (MCDSS) for Study Centre Performance Evaluation | AAOU | National | Delhi | Feb 2002 |
| 7. | M. K. Bhardwaj | Fuzzy Rule Base Semi-Active Control | Roorkee University | International | Roorkee | Dec 16-18, 2002 |

| | | | | | | |
|-----|------------------------------------|---|-----------------------------|---------------|------------------|-------------------|
| | & Prof T. K. Datta | of Building Frames Under Seismic Excitation | | | | |
| 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. Kulshrtha | 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 |

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

| SNo. | Details of the tour | Name of coordinating body | Duration |
|------|---------------------|---------------------------|----------|
| 1. | | | |

9. Consultancy assignment (if any):

| SNo. | Organization/ agency | Cost, title of consultancy | Duration |
|------|----------------------|----------------------------|----------|
| | | | |

10. 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 |

11. 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 | 2019 (Thesis submitted) |

12. 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)] | Programme Coordinator | 2007-till date |
| 2. | Bachelor of Architecture (B. Arch) | | 2008-2011 |
| 3. | Advanced certificate in Power Distribution Management (ACPDm) | | 2007 |

(ii) Course coordination

| Sl. No. | Course Code & Title | Credits (Blocks) | Dates From To | 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 | • Course Coordinator |
| 4. | ET 524 A/ET 534 A Principles of Engineering Management & Economics | 3(2) | From April 1998 to February 1999 | Print | • Course team Member |
| 5. | ET 533 A Irrigation Engineering | 4(1- 4) | From March 1998 to February 1999 | Print | • Course Coordinator |
| 6. | ET 535 B | 4(3& 4) | From March 1999 | Print | • Course |

| | | | | | |
|-----|------------------------------------|-----------|--|-------|-------------------------|
| | Hydraulic Structures | | to January 2000 | | Coordinator |
| 7. | ET 536 B Hydraulic Structure-II | 4(1,3 &4) | From November 1998 to October 1999 | Print | • Course Coordinator |
| 8. | ET 540 B Flow in Open Channel | 2(1) | From July 1999 to February 1999 | Print | • Course Coordinator |
| 9. | ET 574 Laboratory-II | 2(1) | From July 1999 to June 2000 | Print | • Course Coordinator |
| 10. | BME 015 Mathematics | 4(1-4) | From January 2006 to February 2007 | Print | • Course Coordinator |

| Sl. No. | Course Code & Title | Credits (Blocks) | Dates From To | Print/Audio/Video/e- slm | Nature of Contribution |
|--|--------------------------------------|---------------------|---|-----------------------------|--|
| <i>Diploma in Civil Engineering DCLE(G)</i> | | | | | |
| 1. | BET-011 Mathematics-I | 2(1) | From July 2003 to December 2004 | Print | • Curriculum Design |
| 2. | BET-014 Applied Mechanics | 2(1) | From July 2003 to July 2004 | Print | • Curriculum Design |
| 3. | BET-015 Engineering Materials | 2(1) | From July 2003 to July 2004 | Print | • Curriculum Design |
| 4. | BET-021 Mathematics-II | 2(1) | From July 2003 to March 2005 | Print | • Curriculum Design |
| 5. | BET-022 Strength of Materials | 2(1) | From January 2004 to December 2004 | Print | • Course Team Member |
| 6. | BET-023 Elements of Survey | 2(1) | From April 2005 to June 2006 | Print | • Course Coordinator • Course Team Member |
| 7. | BET-036 Technical Documentation | 2(1) | From July 2008 to May 2009 | Print | • Course Coordinator |
| 8. | BCE-024 Construction Technology-I | 2(1) | From January 2004 to July 2005 | Print | • Curriculum Design |
| 9. | BCE-031 Advanced Survey | 2(1) | From March 2005 to June 2006 | Print | • Course Coordinator • Course Team member |
| 10. | BCE -032 | 2(1) | From January | Print | • Course Coordinator |

| | | | | | |
|-----|---|------|--|---------|--|
| | Theory Structures-I | | 2005 to June 2006 | | • Corse Team Member |
| 11. | BCE-033 Environmental Engineering | 2(1) | From October 2005 to July 2006 | Print | • Curriculum Design |
| 12. | BCE 034 EQS-I | 2(1) | From January 2005 to June 2006 | Print | • Curriculum Design |
| 13. | BCE-036 Soil/Roads/Airfields | 2(1) | From January 2005 to July 2006 | Print | • Curriculum Design |
| 14. | BCE-041 Theory of Structure-II | 2(1) | From December 2005 to January 2007 | Print | • Course Coordinator • Course Team Member |
| 15. | BCE-043 Construction Technology- II | 2(1) | From December 2005 to January 2007 | Print | • Curriculum Design |
| 16. | BCE-045 Construction Drawing | 2(2) | From March 2006 to July 2007 | Print | • Course Team Member |
| 17. | BCE-046 Soil Mechanics and Foundation Engineering | 2(1) | From June 2007 to July 2008 | Print | • Course Coordinator • Course Team Member |
| 18. | BCEE-052 Construction Equipment | 2(1) | From March 2007 to May 2008 | Print | • Curriculum Design |
| 19. | BCE-051 Construction management | 4(1) | From January 2008 To March 2009 | e-Print | • Course Coordinator • Course Team member |
| 20. | BCE-061 Irrigation Engineering | 2(1) | From January 2008 to May 2009 | Print | • Course Coordinator |
| 21. | BCEE-061 Prestressed Concrete | 2(1) | From March 2007 to April 2008 | Print | • Course Coordinator • Course Team Member |

| Sl. No. | Course Code & Title | Credits (Blocks) | Dates From To | Print/Audio/Video/e- slm | Nature of Contribution |
|---|------------------------------------|-----------------------------|--|-------------------------------------|-----------------------------------|
| <i>Advanced Certificate in Power Distribution Management (ACPDM)</i> | | | | | |
| 1. | BEE 003 | 06 (5) | From April 2007 to November 2007 | Print | • Course Coordinator |

13. 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 |

14. 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 | (i) Design of RCC Structures (ii) Design of Steel Structures (iii) Transportation Engineering (iv) Building materials (v) Pre-stressed Concrete (vi) Earthquake Engineering | IGNOU Study Centre, CSMRS, New Delhi EMPC, IGNOU | 2005 to 2019 | | Face to Face , Teleconferencing and Radio Counselling |

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

| S. No. | Chairperson/ Member of Committee | Name of the Committee | Date/ period |
|--------|--|---|------------------------|
| 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 |

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

| S No. | Designation | Period |
|-------|-------------|--------|
| | | |

18. Any other contribution/information

Signature of Teacher /Academic

Signature of Director/ Head