

MANOJ KUMAR DUBEY

Position: Assistant Professor

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Academic Qualifications:

S. No.	Degree	Institution	Year
1.	PhD: Forestry	University of Canterbury, Christchurch, New Zealand	2010
2.	MSc Forest Industries Technology	University of Wales, Bangor United Kingdom	2003
3.	MSc Wood Science & Technology	Forest Research Institute (DU) Dehradun, India	2001

Area of specialization/awards/achievements:

I have sound academic background in wood science and technology from some of the premier institutes of the world. I have completed PhD degree from the University of Canterbury, Christchurch, New Zealand. My dissertation was focused on investigation of an environmental benign wood modification technology for improvement of properties of radiata pine wood. With this research, I have been working to establish a place for myself in the scholarly community. In the past two years, I have delivered papers at the regional and international conferences. My two relevant Master qualifications (MSc) from Bangor University, UK and FRI Dehradun, India equipped me with the knowledge of wood science and processing technologies. I also have relevant teaching experience to the undergraduates students of diverse and multicultural backgrounds in the New Zealand, East Africa and India.

At present, I am teaching undergraduates wood related courses and involve in extension activities such as workshops and training organization for the carpenters, small industrialists, farmers and forest officials. I have won some of the prestigious scholarships and fundings during my studies and as an early stage professional such as NZAID Scholarship-New Zealand, Commonwealth Scholarship-United Kingdom, DAAD Scholarship-Germany, JNKVV-Merit Scholarship India, World Bank Studentship, INRA Grant; Asia-NZ Young Leaders Funding and UGC Major Research Project Funding.

Current Research Projects:

S. No.	Name of the Project	Duration	Source	Amount (in Rs)
1.	Thermal modification of wood for improving physical and moisture related properties of plantation grown species	3years	UGC	12.84 Lakhs

Awards & Recognition:

ACADEMIC ACHIEVEMENTS

1. Best research poster award (2008) at the Post Graduate Show Case conference, University of Canterbury Christchurch, New Zealand
2. Merit Prize award (Runner up) in the College of Engineering Post Graduate Poster Competition 2008 , University of Canterbury, Christchurch, New Zealand
3. Through out first class academic carrier
4. Gold Medal of F.R.I. Dehradun for securing first position in order of merit for MSc Wood Science course
5. Received Distinction Grade for MSc Course at the Univ. of Wales, Bangor, UK
6. International Industrial placement in a wood based MNC through self-efforts

SCHOLARSHIPS/FUNDING AWARDED

Name	Year	Reason/Purpose
JNKVV Merit Scholarship, Jabalpur,	1994-98	Securing top rankings during B.Sc. Forestry course
World Bank Studentship	1999-2001	For studying MSc course at FRI Dehradun
DAAD Scholarship, GERMANY	2001	International summer course at University of Freiburg, Germany
Commonwealth Scholarship- UNITED KINGDOM	2002-2003	Post graduation studies at University of Wales, Bangor, United
University of Toronto Scholarship CANADA	2005-2008	For PhD study at University of Toronto, Canada, (offered but not accepted)
NZAID Scholarship of Government of NEW ZEALAND	2006-2010	For PhD at University of Canterbury, Christchurch
Asia-NZ Young Leader Funding Wellington	2009	For participation in an International conference
New Zealand foundation for Research, Science and Technology (NZFRST) Scholarship	March-May 2010	For assisting undergrads and contribute to a project on wood recycled plastic composite
INRA and Nancy University funding Nancy, France	May 2011	For participation in International summer school and conference in France
Asia-NZ Foundation funding	Dec 2012	For participation in an International forum in France.

Additional Information/ Achievements:

PROFESSIONAL MEMBERSHIPS

- Association of Commonwealth Scholars and Fellows, London Since 2003
- Forest Products Society, Madison, USA, 2009-2010
- Society of Wood Science and Technology, Madison, USA (Since 2009)
- Asia –NZ young leader's network, Wellington (Since 2007)

INDUSTRIAL TRAININGS

- Merbok Hilir Bhd, Penang, Malaysia: Industrial attachment training on production and marketing of Medium Density Fibreboard
- Kitply Industries Ltd, Kolkata, (Rampur Unit) India (13.01.2001 to 12. 02.2001): Industrial attachment training on production & quality control process of plywood, particleboard & block board
- Visited different wood-based industries and research institutes of India, Malaysia, Germany, UK, Ethiopia and New Zealand

List of 10 major Publications:

Articles published in International refereed journals

1. Dubey M K, Pang S and Walker J (2012) Oil uptake by wood during heat-treatment and post-treatment cooling, and effects on related wood stability properties, *European Journal of Wood and Wood Products*, (Holz als Roh- und Werkstoff) , 70, 183-190, DOI 10.1007/s00107-011-0535-1.
2. Dubey, M K, Pang, S. and Walker, J. (2011) Changes in chemistry, color, dimensional stability and fungal resistance of *Pinus radiata* D. Don wood with oil heat-treatment *Holzforschung (International Journal of the Biology, Chemistry, Physics and Technology of Wood)* 66(1), 49-57. <http://dx.doi.org/10.1515/HF.2011.117>.
3. Dubey M K, Pang S and Walker J (2011) Effect of oil heating age on colour and dimensional stability of heat treated *Pinus radiata*, *European Journal of Wood and Wood Products (Holz als Roh- und Werkstoff)* , 69 (2) 255-262.
4. Dubey M K, Pang S and Walker J (2010) Colour and dimensional stability of oil heat-treated radiata pine wood after accelerated UV weathering, *Forest Products Journal*, 60 (5): 453-459.

Articles published in National refereed journals

5. Dubey, M.K.; Negi, A. and Khali, D.P (2004). Raw material supply to the Indian wood industries in the 21st Century. *J. of Timber Development Association*, 50(1 & 2): 48-52.
6. Dubey, M.K.; Negi, A. and Khali, D.P (2004). Medium Density Fibreboard in India. *J. of Timber Development Association*, 50 (3 & 4): 34-37.

Other refereed contributions (refereed conference proceedings, posters etc.)

7. Dubey MK (2011) "Improvements in stability, durability and mechanical properties of radiata pine wood after heat-treatment in a vegetable oil". In the proceedings of the international event: New challenges for interdisciplinary wood research" organized by INRA and the Université Henri Poincaré, Nancy France,

on May 22-28, 2011.

8. Dubey MK (2011): Stability of colour and dimensions of thermally modified radiata pine wood in Proceedings of seminar on Advances in wood science and technology research: Recent trends, future challenges and opportunities, Forest products division, Forest Research Institute, Indian Council of Forestry Resaerch & Education, Dehradun, India, March 9-10
9. Dubey M K, Pang S and Walker J (2010): Oil heat-treatment of thermo-mechanically compressed wood, in Proceedings on Maximising benefits of forestry and wood,(National Conference), Wood Technology Research Centre , Christchurch, New Zealand, Feb 5, 76-82
10. Dubey M K, Pang S and Walker J (2009): "Effect on wood properties with oil heating age". in Proceedings of the International Conference: Forest Products Society 63rd International Convention. Boise, Idaho, June 21-23 2009

Books: (as author or editor)

1. Dubey MK 2010: Wood Protection- Novel methods avoiding use of persistent toxic chemical, LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany. ISBN 13: 9783838370057.
2. Provided editorial support to the following book: Bhattacharya AK (2007): *Public People Private Partnership for Sustainable Forest Development* New Delhi, Concept Publishing Company, ISBN 81-8069-253-1