

BIO-DATA

A Name and full address Dr.Meena Murmu
 Assistant Professor
 Civil Engineering Department
 NIT Raipur, Chhattisgarh.
 India-492010

B Designation Assistant Professor

C Institution National Institute of Technology Raipur

D Academic Qualification

		Degree	Subject	University/Institution	Division
	1.	BE	Civil Engineering	IGIT Sarang Utkal University	First Division
	2.	M.Tech	Structural Engineering	NIT Rourkela	First Division
	3.	PhD	Civil Engineering	NIT Rourkela	

E Work experience

		Position Held	Name of the Institute	Period	Scale of Pay
	i)	Lectureship	Civil Engineering Dept. Seemanta Engineering College	July 2009 to December 2009	15000 p.m.
	ii)	Assistant Professor	Civil Engineering Dept. National Institute Technology	Joined on 13th May 2013	6000AGP

Award/Prize/Certificate etc. won by the applicant.

Recipient of **UPR PATNAYAK MEMORIAL AWARD** for Low cost binder using Industrial By óProduct foe economical Housing, during the 55th Annual Technical Session held on 1st March, 2014.

Recipient of Best paper Award In Second International conference on Advances in Engineering and Technology(ICAET 6 2012)

Publications:

International Journal:

- M. Murmu and S. P. Singh, Effects of Curing Temperature Strength of Lime Activated Slag Cement, International Journal of Civil Engineering (Accepted)
- M. Murmu and S.P. Singh, Strength Characteristics of Lime Activated Slag Cement, Advances in Cement Research, 2015,27(1), 268-77.
- M. Murmu and S.P. Singh, Influence of mineral admixtures on strength and hydration products of lime-activated slag cement, Advances in Cement Research, 2014, 26(1), 1610.
- M. Murmu and S.P. Singh, Hydration Products, Morphology and Microstructure of Activated Slag Cement, International Journal of Concrete Structures and Materials, 2014, 8(1), 61-68
- M. Murmu and S.P. Singh, Some Studies on Strength and Hydration of Cold Process Cement, International Journal of Advances in Management, Technology & Engineering Sciences, ISSN:2249-7455 Vol.1 Issue 6(VII) 2012, 84-88.

National Journal:

- Govardhan, Deepanshu Mandhata, Meena Murmu, Mohit Sharma, Development of a Program for the Design of Steel Structure in Visual Basic, Journal of Structural Engineering and Management, 2014,1(2),11-16.

International Conference

- M.Murmu, Govardhan Bhat and S.Eswary Partial Replacement of GGBS in Concrete for Prevention of Natural Resources, ICCESE 2015 : International Conference on Civil, Environmental and Structural Engineering to be held in Kuala Lumpur, Malaysia during February, 12-13, 2015.
- Satya Eswari, J. Sekharbabu, Meena Murmu, Govardhan Bhat , Modeling and Optimizing of sinker electric discharge machine process parameters on AISI 4140 alloy steel by Central Composite Rotatable Design Method, ICCESE 2015 : International Conference on Civil, Environmental and Structural Engineering to be held in Kuala Lumpur, Malaysia during February, 12-13, 2015.
- Meena Murmu, Govardhan Bhat, Narendra Singh Chouhan, Ramakant Patel and Ganesh Kumar (2014), Effect on Strength and Hydration products of Concrete using Mineral Admixtures, International Conference on Sustainable Civil Infrastructure (ICSCI 2014), 17-18th October 2014, IIT Hyderabad, India.
- M. Murmu and S.P. Singh, Effect of Mineral Admixture on Strength of Alkali Activated Slag Cement, 1st Annual International Conference on Architecture and Civil Engineering 18-19th March 2013. Singapore.
- M. Murmu and S.P. Singh, Hydration Products in Alkali Activated Slag Cement

Added With Mineral Admixtures, International Conference on Advanced Materials for Energy Efficient Building Materials, AME2B-2013. 13-15th February 2013 New Delhi.

- M. Murmu and S.P. Singh, Strength Characteristics of Cold Process Cement with and without Admixtures, International Conference on Advanced Materials for Energy Efficient Building Materials, AME2B-2013. 13-15th February 2013 New Delhi.
- M. Murmu and S.P. Singh, Hydration Mechanism of Cold Process Cement, International Conference on Sustainability Challenges and Advances in Concrete Technology SCACT 2012, pp441-447. 2-5th May 2012 Coimbatore.
- M. Murmu and S.P. Singh, Effect of Accelerators on Strength and Hydration Products of Cold Process Cement, 2nd International Conference on Advances in Engineering and Technology (ICAET2012) ISBN 978-1-4675-2245-8 © 2012. 28-29th March 2012 Nagpattinum.
- M. Murmu and S.P. Singh, Some studies on physical and mechanical properties of cold process cement, RITS ICAEM-2012: RITS International Conference on Advancements in Engineering and Technology. 28-29th February 2012 Hyderabad.
- M. Murmu, and A. Sharan, Strength Characteristics of Cold Process cement, Holcim Foundation for Sustainable Construction 2011.
- S.P. Singh and M. Murmu, Eco-friendly Concrete using by-products of Steel Industry, International Congress of Environmental Research (ICER-10), 16th-18th September 2010 Mauritius.

National Conference and Workshop:

- S.P. Singh, M. Murmu, and A. Sharan, Study on Strength Characteristics of fly ash Pozzolanic Cement, NATIONAL WORKSHOP "UTILIZATION OF FLY ASH" on June, 10-11, 2011, Surat.
- S.P. Singh, A. Sharan, and M. Murmu, Compacted Pond ash as a Highway Construction Material NATIONAL WORKSHOP "UTILIZATION OF FLY ASH" on June, 10-11, 2011, Surat.
- A. Patel, S.P. Singh, and M. Murmu, Environmental friendly concrete from Industrial Wastes, National Conference on advances in Environmental Engineering (AEE-09) 2009, 14th-16th November, Rourkela
- S.P. Singh, A. Patel, and M. Murmu, Strength Characteristics Of Steel Slag Hydrated Matrix, National Conference on Civil Engineering Conference-Innovations Limits (CEC-09), 2009, September 2009, Hamirpur.

Google scholar

<u>Citation indices</u>	All	Since 2011
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<u>i10-index</u>	0	0

Life Membership

- INSDAG (Professional membership)
- Indian Concrete Institute
- Indian Building Congress
- American Concrete Institute

Extra-Curricular Activities:**Institute level:**

- Member of Anti ragging committee
- Member of Face lifting committee (Hostel)
- Eclectika committee

ADMINISTRATIVE EXPERIENCE:

- Worked as a member of Panel for interview for post of Junior Engineer, Staff Selection Commission, Govt. of India.
- Worked as a member of selection committee for post of Faculty in Chemistry Engineering Department.
- Worked as an Analyzer of the question paper for Junior Engineer Recruitment Test Result conducted by Chhattisgarh Professional Examination Board Raipur (CGVYAPAM).

GUEST LECTURE DELIVERED:

- Delivered a lecture on "Latest Mix Design" in five days short term hands on training programme "Testing Methods in Civil Engineering Construction" under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur on 17.11.2015.

SEMINAR / WORKSHOP / CONFERENCE / CONVENTION ATTENDED

- Two Week ISTE STTP on Introduction to Structural Engineering, under National Mission on Education through Information and Communication Technology by Page 2 of 2 IIT Kharagpur, 4-9 January, 2016.
- One week on Advanced Data Analysis management by IIT Delhi, 14-18 December 2015.
- Two day Workshop on "Water Resources in developing countries: Planning and management" 27-28 August 2015 at NIT Raipur
- Two day workshop on "Collection Development of E-books in Libraries", organized by Central Library, NIT, Raipur during 14th- 15th November 2014.
- Workshop on "Academic Ethics and IPR" on 4th and 5th April 2014, Organized by National Institute of Technology Raipur and Chhattisgarh Council of Science and Technology, held at National Institute of Technology Raipur..

- One week National Workshop on "Visual Modflow" Organized by Department of Civil Engineering, National Institute of Technology Raipur at NIT Raipur from 18-22nd November 2013.

SHORT TERM COURSE / SEMINAR / WORKSHOP ORGANISED:

- Organized five days short term hands on training programme "Testing Methods in Civil Engineering Construction" under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur from 16th November to 20th November 2015 as organizing member.
- Organized two days workshop "Water Resources in Developing Countries: Planning and Management" under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur on 27th and 28th August 2015 as organizing member.
- Organized one day workshop under research project "Construction of Low Volume Roads on Soft Subgrade Soil Improved by Locally Available Marginal Materials" funded by Human Settlement Management Institute (HSMI), HUDCO New Delhi at Civil Engineering Department, National Institute of Technology Raipur in association with HSMI, HUDCO New Delhi on 14th August 2015 as organizing member.
- Organized one day workshop "Research Schemes in DST & Recent Advances in Civil & Transportation Engineering" under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur on 1st August 2015 as organizing member.

Ph. D Guidance : Ongoing Six