

Resume



Name : Prof. R.K. Dutta
Designation : Professor
Department : Civil Engineering
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Other Profile Links

Research Gate Link :

Personal Web Link :

Google Scholar Link :

Research Profile

Research Interests : Ground Improvement, Environmental Geotechnics and ANN

Brief Research Profile : Ground Improvement, Environmental Geotechnics and ANN

Qualification

Name of the Degree	Year Of Passing	Institute/University
B.Tech in Civil Engineering	1986	Kamla Nehru Institute of Technology Sultanpur
M.E in Geotechnical Engineering	1989	University of Roorkee
PhD	2002	Indian Institute of Technology Delhi

Publications

Year	Journal	Publication	Indexed In
2018	Indian Geotechnical Journal	Performance of multi-edge skirted footings resting on sand	Scopus, ESCI
2017	Journal of Building Engineering	Strength Characteristics of Fly Ash Stabilized with Lime and modified with Phosphogypsum	Scopus, ESCI
2017	Jordan Journal of Civil Engineering	Geotechnical Characterization of flyash-redmud mix stabilized with lime sludge	Scopus, ESCI
2017	Jordan Journal of Civil Engineering	Shear strength, bearing ratio and settlement behavior of clay reinforced with chemically treated coir fibres	Scopus, ESCI
2017	Indian Geotechnical Journal	Ultimate bearing capacity of square/rectangular footing on layered soil	Scopus, ESCI
2017	Periodica Polytechnica Civil Engineering	Engineering properties of bentonite-lime-phosphogypsum composite reinforced with treated sisal fibres	SCIE, Scopus
2017	Geomechanics and Engineering-An International Journal	Pressure-settlement behavior of square and rectangular skirted footings resting on sand	SCIE, Scopus
2016	Periodica Polytechnica Civil Engineering	Suitability of flyash-lime-phosphogypsum composite in road pavements	SCIE, Scopus
2016	Periodica Polytechnica Civil Engineering	Shear strength behaviour of clay reinforced with treated coir fibres	SCIE, Scopus
2015	European Journal of Environmental and Civil Engineering	Strength characteristics of bentonite-lime-gypsum mix reinforced with coir fibres	SCIE, Scopus
2015	Periodica Polytechnica Civil Engineering	Potential of bentonite-lime-mix modified with phosphogypsum and reinforced with sisal fibres	SCIE, Scopus
2015	Journal of Geoengineering	Ultimate bearing capacity of circular footing on layered soil	Scopus
2014	Jordan Journal of Civil Engineering	Unconfined compressive strength of bentonite-lime-phosphogypsum mixture reinforced with sisal fibers.	Scopus, ESCI
2014	Jordan Journal of Civil Engineering	Engineering properties of bentonite modified with lime and gypsum	Scopus, ESCI
2014	Journal of Geoengineering	Durability and leachate analysis of fly ash -lime-gypsum composite mixed with treated tire chips	Scopus
2013	KSCE Journal of Civil Engineering	Study of flexural strength and leachate analysis of fly ash-lime-gypsum composite mixed with treated tire chips	SCIE, Scopus
2012	Jordan Journal of Civil Engineering	Effect of addition of treated coir fibres on the compression behaviour of clay	Scopus, ESCI
2012	Geomechanics and Engineering-An International Journal	Behaviour of fly ash-lime-gypsum composite mixed with treated tire chips	SCIE, Scopus
2012	Geomechanics and Engineering-An International Journal	Effect of microorganism on engineering properties of cohesive Soils	SCIE, Scopus
2012	International Journal of Geotechnical Engineering	Effect of addition of tire chips on the unconfined compressive strength of fly ash-lime-gypsum mixture	Scopus, ESCI
2011	Journal of Materials in Civil Engineering	Study of unconfined compressive strength of fly ash- lime-gypsum composite mixed with treated tyre chips	SCIE, Scopus
2011	International Journal of Geotechnical Engineering	Effect of diesel and gasoline on the properties of sands - A comparative study	Scopus, ESCI
2009	International Journal of Geotechnical Engineering	Characterisation of Natural Geotextiles	Scopus, ESCI
2009	International Journal of Geotechnical Engineering	Regression model for predicting the behaviour of sand mixed with tyre chips	Scopus, ESCI

Year	Journal	Publication	Indexed In
2008	Geomechanics and Geoengineering - An International Journal	Performance of Square Footing with Structural Skirt Resting on Sand	Scopus, ESCI
2008	International Journal of Geotechnical Engineering	Effect of Cement and Cement By-Pass Dust on the Engineering Properties of Sand	Scopus, ESCI
2008	International Journal of Geotechnical Engineering	A Comparative Study of Compaction and CBR Behaviour of Stone Dust Reinforced with Waste Plastic Strips	Scopus, ESCI
2008	Road Material and Pavement Design - An International Journal	Effect of cement on the properties of sand - a comparative study	SCIE, Scopus
2007	Turkish Journal of Engineering and Environmental Sciences	CBR Behaviour of Waste Plastic Strip-Reinforced Stone Dust/Flyash Overlying Saturated Clay	Scopus
2007	Turkish Journal of Engineering and Environmental Sciences	Regression model for predicting the behaviour of sand reinforced with waste plastic	Scopus
2006	Geotechnical and Geological Engineering	Compressibility and strength behaviour of sand-tyre chip mixtures	Scopus, ESCI
2005	Electronic Journal of Geotechnical Engineering	Strength characteristics of sand reinforced with coir fibres and coir geotextiles	Scopus
2005	Electronic Journal of Geotechnical Engineering	Suitability of desert sand cement mixes for base courses in highway pavements	Scopus
2005	Electronic Journal of Geotechnical Engineering	Characterisation of tensile strength behaviour of coir products	Scopus
1999	Journal of Institution of Engineers	Contract management - some case studies	Scopus
2014	Slowak Journal of Civil Engineering	Engineering properties of bentonite stabilized with lime and phosphogypsum	Web of science-ESCI
2015	International Journal of Geosynthetics and Ground Engineering	Prediction of deviator stress of sand reinforced with waste plastic strips using neural network	Scopus, ESCI
2015	Slowak Journal of Civil Engineering	Effect of coir fibres on the compaction and unconfined compressive strength of bentonite-lime-gypsum mixture	Web of science-ESCI
2020	Journal of Natural Fibers	Effect of chemical treatment on the tensile strength behaviour of coir geotextiles	Scopus, SCIE
2016	Procedia Environmental Sciences	Tensile strength and toughness index of flyash-lime-gypsum mixed with dry/treated tyre chips	Google Scholar
2016	International Journal of Civil Engineering and Applications	Characterization of flyash-redmud mix stabilized with cement kiln dust	Google Scholar
2016	International Journal of Civil Engineering and Applications	Prediction of horizontal stress in underground excavations using artificial neural networks	Google Scholar
2016	International Journal of Civil Engineering and Applications	Prediction of unsoaked and soaked California bearing ratio from index properties of soil using artificial neural networks	Google Scholar
2013	International Journal of Geotechnics and Environment	Effect of treated coir fibre on the compaction and CBR behaviour of clay	Google Scholar
2012	International Journal of Geotechnics and Environment	Effect of waste plastic chips on the strength and swelling pressure of silt	Google Scholar
2011	International Journal of Geotechnics and Environment	Quantification of discharge through the composite liner due to geomembrane defect	Google Scholar
2011	ISRN Civil Engineering	Tension and Compression Behaviour of Fly Ash-Lime-Gypsum Composite Mixed with Treated Tyre Chips	Scopus
2010	International Journal of Geotechnics and Environment	A Comparative study of the CBR behaviour of waste plastic strip-reinforced stone dust overlying soft clay	Google Scholar
2010	International Journal of Geotechnics and Environment	Tensile strength of fly ash- lime-gypsum composite mixed with treated tyre chips	Google Scholar
2009	International Journal of Geotechnics and Environment	Stabilization of sand with cement by-pass dust	Google Scholar
2009	International Journal of Earth Sciences and Engineering	Use of oil contaminated sand in rural roads	Google Scholar
2008	International Journal of Earth Sciences and Engineering	Potential of coir based products as soil reinforcement	Google Scholar
2016	Indian Journal of Geosynthetics and Ground Engineering	Effect of stabilised granular column on the pressure settlement behaviour of clay	Google Scholar
2016	Indian Journal of Geosynthetics and Ground Engineering	Effect of chemically treated coir fibres on the strength characteristics of clay	Google Scholar
2016	CPUH-Research Journal	Mobile App using ASTM system of soil classification	Google Scholar
2011	The Icfai University Journal of Structural Engineering	Study of unconfined compressive strength of flyash stabilized with different stabilizers	Google Scholar
2009	The Icfai University Journal of Structural Engineering	Regression models for sand stabilized with higher dosages of cement by-pass dust	Google Scholar
2009	The Icfai University Journal of Structural Engineering	A study of compressive strength of flyash mixed cement concrete reinforced with waste plastic strips	Google Scholar
2008	The Icfai University Journal of Soil and Water Sciences	Effect of contaminants on the permeability of sand-kaolinite mixture	Google Scholar
2006	Highway Research Bulletin	Coir geotextiles in rural roads	Google Scholar
2005	Highway Research Bulletin	Assessment of suitability of coralline sand-cement mixes for base/subbase courses	Google Scholar
1994	Journal of Engineering Education	Creativity and innovation in engineering Institutes	Google Scholar
1993	Journal of Engineering Education	On sessional assessment in technical institutions	Google Scholar
1993	Journal of Engineering Education	On resource generation in engineering institutions with special reference to SFEIs	Google Scholar
1993	Journal of Technical Education	On engagement of technical institutions in commercial projects	Google Scholar
2018	i-manager's Journal on Mobile Applications and Technologies	Mobile application development to compute stability of rock slope	Google Scholar
2018	Journal of Geotechnical Engineering	Effect of different dosages of saline water on the engineering properties of bentonite	Google Scholar
2018	Journal of Soft Computing in Civil Engineering	Prediction of ultimate bearing capacity of skirted footing resting on sand using artificial neural networks	Scopus
2018	Journal of Civil Engineering (IEB)	Characterization of flyash-redmud mix stabilized with marble dust	Google Scholar
2019	Journal of The Institution of Engineers (India): Series A	Effect of chemical treatment of the coir geotextiles on the interface properties of sand/clay- coir geotextile interface	Scopus

Year	Journal	Publication	Indexed In
2020	Journal of Natural Fibers	Application potential of treated coir geotextiles in unpaved roads	Scopus, SCIE
2019	Journal of Soft Computing in Civil Engineering	Prediction of free swell index for the expansive soil using artificial neural networks	Scopus
2019	i-manager's Journal on Mobile Applications and Technologies	Development of mobile app for the soil classification	Google Scholar
2019	Journal of Geotechnical Engineering	Effect of alccofine addition on the index and engineering properties of bentonite	Google Scholar
2019	Journal of Soft Computing in Civil Engineering	Application of soft computing techniques in predicting the ultimate bearing capacity of strip footing subjected to eccentric inclined load and resting on sand	Scopus
2019	Journal of Soft Computing in Civil Engineering	Application of random forest regression in the Prediction of ultimate bearing capacity of strip footing resting on dense sand overlying loose sand deposit	Scopus
2020	Indian Geotechnical Journal	A study on bearing capacity of skirted square footings on different sands	Scopus, Web of Science
2021	Geomechanics and Geoengineering- An International Journal	Bearing capacity of ring footing on a weak sand layer overlying a dense sand deposit	Scopus, Web of Science
2021	International Journal of Geotechnical Engineering	Numerical study of the uplift capacity of under-reamed piles in clay with linearly increasing cohesion	Scopus, Web of Science
2021	Journal of Natural Fibers	Bearing ratio behaviour of sand overlying silty sand and reinforced with treated coir geotextiles	Scopus, SCIE
2020	Archives of Materials Science and Engineering	Prediction of bearing capacity of H shaped skirted footings on sand using soft computing techniques	Scopus
2020	S N Applied Sciences	Experimental and numerical studies of skirted hexagonal footings on three sands	Web of Science
2020	International Journal of Geoengineering	Model studies of plus and double box shaped skirted footings resting on sand	Scopus, Web of Science
2019	International Journal of Engineering & Advanced Technology	Soft computing based prediction of the support pressure in tunnels	Scopus
2020	International Journal of Geological and Geotechnical Engineering	Properties of bentonite stabilised with fluorogypsum	Google Scholar
2020	Journal of Geotechnical Engineering	Effect of alccofine and tyre buffings on engineering properties of sand	Google Scholar
2019	International Journal of Geological and Geotechnical Engineering	Neural network based prediction of shear wave velocity for soils	Google Scholar
2019	International Journal of Geological and Geotechnical Engineering	Soft computing based prediction of ultimate bearing capacity of footings resting on rock masses	Google Scholar
2019	Journal of Geotechnical Engineering	Soft computing based prediction of deviator stress of waste plastic reinforced sand	Google Scholar
2018	Journal of Civil Engineering (IEB)	Pressure settlement ratio behaviour of plus shaped skirted footings resting on sand	Google Scholar
2019	Journal of Geotechnical Engineering	Leakage rate prediction through the composite liner due to geomembrane defect using artificial neural network	Google Scholar
2020	Ingenieria e Investigación	Bearing capacity and settlement prediction of multi-edge skirted footings resting on sand	Scopus, SCIE
2020	Journal of Achievements in Materials and Manufacturing Engineering	Numerical study of ultimate bearing capacity of rectangular footing on layered sand	Scopus
2020	Journal of Natural Fibers	Effect of chemical treatment on the durability behavior of coir geotextiles	Scopus, SCIE
2020	Archives of Materials Science and Engineering	Soft computing based prediction of friction angle of clay	Scopus
2021	Journal of Natural Fibers	Characterization, durability, and application of treated coir geotextiles In low volume roads	Scopus, SCIE
2021	Archives of Materials Science and Engineering	A study of bearing capacity of skirted octagonal footings resting on different sands	Scopus
2021	Journal of Achievements in Materials and Manufacturing Engineering	Study of bearing capacity of skirted irregular pentagonal footings on different sands	Scopus
2021	Journal of Achievements in Materials and Manufacturing Engineering	Bearing capacity of E-shaped footing on layered sand	Scopus
2021	Civil and Environmental Engineering Reports	Pressure settlement behaviour and bearing capacity of asymmetric embedded plus shaped footing on layered sand	ESCI, Web of Science
2021	Transportation Infrastructure Geotechnology	The Impact of variation of gypsum and water content on the engineering properties of expansive soil	Scopus
2021	Journal of Natural Fibers	Bearing ratio behavior of sand overlying clay with treated coir geotextiles at the interface	Scopus, SCIE
2021	Transportation Infrastructure Geotechnology	A study on the suitability of fly ash-lime-alccofine mixtures in construction of road pavement.	Scopus

Edited Book/Book Chapter

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Chapter Pages 430-438	Reinforced Soil and Application in Infrastructure Development	EAGLE EYE PUBLICATIONS	R.K.Dutta, V.N.Khatrri and V Gayathri	978-81-923777-8-0	2013
Chapter Pages 61-71	Ground Improvement and Ground Control including Waste Containment With Geosynthetics	Department of Civil Engineering, Guru Nanak Dev Engineering College, Ludhiana	R.K.Dutta and V Gayathri	978-81-921093-0-5	2011
Chapter Pages 116-134	Geosynthetics Applications in Civil Engineering	Central Board of Irrigation and Power, New Delhi	R.K.Dutta and G V Rao	81-7336-290-4	2001
Chapter Pages 63-97	Geosynthetics Applications in Civil Engineering	Central Board of Irrigation and Power, New Delhi	R.K.Dutta and G V Rao	81-7336-290-4	2001
Chapter Pages 235-248	Earth Reinforcement Design and Construction	Central Board of Irrigation and Power, New Delhi	G V Rao and R K Dutta	81-7336-321-8	2012
Chapter Pages 290-302	Geosynthetics-Recent Developments	Central Board of Irrigation and Power, New Delhi	R.K Dutta and G V Rao	81-7336-305-6	2006
Chapter Pages 135-147	Geosynthetics-An Introduction	Sai Master Geoenvironmental Services Pvt Ltd. (Technical Publication Division)	G V Rao and R K Dutta	Technical Publication Division	2006
Chapter Pages 257-262	Earth Reinforcement Design and Construction	Central Board of Irrigation and Power, New Delhi	G V Rao, S Jaswant Kumar and R K Dutta	81-7336-321-8	2012

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Chapter Pages 51-58	Geotechnical Applications	Springer, Singapore	• T. Gnananandarao • R. K. Dutta • V. N. Khatri	978-981-13-0368-5	2018
Chapter Pages 351-360	Seismic Hazards and Risk	Springer	T Gnananandarao, RK Dutta, VN Khatri	978-981-15-9976-7	2021
Chapter Pages 139-151	Lecture Notes in Civil Engineering	Springer	R. K. Dutta, J. S. Yadav, A. K. Shukla	978-981-33-4324-5	2021
Chapter Pages 389-399	Lecture Notes in Civil Engineering	Springer	T Gnananandarao, RK Dutta, VN Khatri	978-981-336-465-3	2021

Research Projects

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
CO-PI	Disaster Management	Identification, Plan and Development of Post-earthquake Safe Shelter for Shimla City	Municipal Corporation Shimla	01/08/2017	31/03/2018	3.96 Lakhs	Completed	Dr. H.K.Vinayak

Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
Ph.D	Surinder Pal Guleria	Investigation on Flyash-Lime-Gypsum mix mixed with Tire Chips	Awarded	2014	None
Ph.D	Sushil Sagar Sharma	Geotechnical characterisation of flyash-redmud mix stabilised with different additives	Awarded	2018	Raman Parti
M.Tech	Ajay Sharma	Prediction of Ultimate Bearing Capacity of Strip Footing Over Layered Sand Using Artificial Neural Network	Awarded	2018	None
M.Tech	Vaibhav Chaudhary	Prediction of Ultimate Bearing Capacity of Strip Footing Resting Over Dense Sand using GRNN	Awarded	2018	None
M.Tech	Prabhat Kumar	Prediction of Shear Wave Velocity for All Soils Using Artificial Neural Network	Awarded	2018	None
M.Tech	Vishal Panwar	Ultimate Bearing Capacity of Rectangular Footing on layered Granular Soil under Inclined Loading	Awarded	2018	None
M.Tech	Ashfaq Ahmed Saqi	Effect of Alccofine and Tire buffings on Engineering Properties of River Sand	Awarded	2018	None
M.Tech	Gaurav Kumar Sharma	Development of Generalized Ultimate Bearing Capacity Equation for Unconventional Shapes of Footing	Awarded	2018	None
M.Tech	Anuj Pal	Mobile App on Soil Bearing Capacity Using Standard Penetration Test Results	Awarded	2018	None
M.Tech	Suman Kumari	Prediction of leakage rate through composite liner due to geomembrane defect using artificial neural networks	Awarded	2017	None
M.Tech	Radha Rani	Prediction of ultimate bearing capacity of skirted foundation resting on sand using artificial neural networks	Awarded	2017	None
M.Tech	Vivek Thakur	Engineering properties of bentonite stabilized with alccofine	Awarded	2017	None
M.Tech	Uddyan Pratap Singh	Effect of salt content on the engineering properties of bentonite	Awarded	2017	None
M.Tech	Surya Pratap Singh	Mobile App for plane wedge reinforced rock slope	Awarded	2017	None
M.Tech	Ajay Singh	Prediction of free swell index using artificial neural networks	Awarded	2017	None
M.Tech	Sanjay Kumar Sharma	Three alternate ANN models for the prediction of the support pressure in tunnels	Awarded	2016	None
M.Tech	Roushan Kumar	Mobile application for various soil classification system	Awarded	2016	Kamlesh Dutta
M.Tech	Singasani Sai Kumar	Prediction of horizontal stress for underground excavations using artificial neural networks	Awarded	2016	Kamlesh Dutta
M.Tech	Arushi Gupta	Ultimate bearing capacity of square/rectangular footing on layered soil	Awarded	2016	R. Shrivastava
M.Tech	Rajinder Gupta	Prediction of unsoaked and soaked California bearing ratio from index properties of soil using artificial neural networks	Awarded	2016	None
M.Tech	Athul Raj P.	Strength behaviour of flyash stabilized with lime and modified with alccofine	Awarded	2015	None
M.Tech	S.S.L. Durga	Engineering properties of flyash-lime-alccofine mixture	Awarded	2015	None
M.Tech	Vipin Chandra Joshi	Ultimate bearing capacity of circular footing on layered soil	Awarded	2015	R. Shrivastava
M.Tech	Jeevanandham S.	Prediction of deviator stress of sand reinforced with waste plastic strips using neural network	Awarded	2015	None
M.Tech	Vidya Tilak B.	Strength Characteristics of Bentonite-Lime-Gypsum mix Reinforced with Coir Fibers	Awarded	2014	None
M.Tech	Varun Panwar	Strength Characteristics of Fly Ash Stabilized with Lime and Modified with Phosphogypsum	Awarded	2014	None
M.Tech	Vaibhav Kumar	Assessment of Suitability of Flyash-Lime-Phosphogypsum Composite in Road Pavements	Awarded	2014	None
M.Tech	Sujeet Kumar	Application Potential of Bentonite-lime-mix Modified with Phosphogypsum and Reinforced with Sisal Fibres	Awarded	2014	None
M.Tech	Munish Kumar	Investigation on the Behaviour of fibrous concrete using Tyre Shreds	Awarded	2004	S.K.Verma, Roshan Lal, R.K.Dutta
M.Tech	Manish Kumar Yadav	Correlation in liquidity index and unconfined compressive strength of lime sludge stabilized expansive soil	Awarded	2019	None
M.Tech	Mohammad Saqib Bin Lateef	Properties of bentonite stabilised with fluorogypsum	Awarded	2019	None
M.Tech	Ambuj Kumar Shukla	Stabilisation of bentonite using cement	Awarded	2019	None
M.Tech	Smriti Sagar	Development of correlation between liquidity index and unconfined compressive strength for alccofine stabilized bentonite	Awarded	2019	None
M.Tech	Neelesh Kumar	Stabilisation of the expansive soil using gypsum	Awarded	2019	None
Ph.D	Vivek	Potential of Treated Coir Geotextiles in Unpaved Roads	Awarded	2020	Raman Parti
Ph.D	Tammineni Gnananandarao	Performance of Multi Edges Footing with Structural Skirts Resting on Sand	Awarded	2021	None
M.Tech	Abrar Suhil Chowdhary	ANN Based Prediction of Bearing Capacity of Footings over Reinforced Sand	Awarded	2020	None

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
M.Tech	Nitesh Kaundal	Ultimate Bearing Capacity of Strip Footing over Two Layered Soil under Inclined load	Awarded	2020	None
M.Tech	Mohd Sajid	Soft Computing Based Prediction of Ultimate Bearing Capacity of Eccentrically Loaded Strip Footing Resting on Reinforced Soil	Awarded	2020	None
M.Tech	Shreya Maheshwari	Ultimate Bearing Capacity for Rectangular Footing Resting on Layered Soil under Inclined Load	Awarded	2020	None
M.Tech	Sonam Ladol	Soft Computing Based Prediction of Friction Angle of Clay	Awarded	2020	None
M.Tech	Priyanka Rawat	Pressure Settlement Behavior of Asymmetric Embedded Plus Shaped Footing on Layered Sand	Awarded	2021	None
M.Tech	Safeena Nazeer	Numerical Study of Bearing Capacity of E-Shaped Footing on Layered Sand	Awarded	2021	None
M.Tech	S Mehran Rasool Andrabi	Pressure Settlement Behavior of I-Shaped Skirted Footing on Sand	Awarded	2021	None
M.Tech	Sofi Junaid Majeed	Bearing Capacity of Z Shaped Multi Edged Skirted Footing on Sand	Awarded	2021	None
M.Tech	Dhanjay Kaushal	Soft Computing Based Prediction of Cone Point Resistance for Cohesive Soil	Awarded	2020	None

Patents

Name	Reg./Ref.No.	Date Of Award/Filing	Organization	Status
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Teaching

Programme Name	Subjects Taught	From	To	Credits
Lecturer	Department of Civil Engineering, R.E.C Kurukshetra	16/08/1989	20/07/1991	1 year 11 months 24 days
Lecturer	Department of Civil Engineering, R.E.C Kurukshetra	01/08/1991	06/09/1991	1 month 6 days
Lecturer	Department of Civil Engineering, R.E.C Hamirpur	09/09/1991	08/09/1997	6 years
Senior Lecturer	Department of Civil Engineering, R.E.C Hamirpur	08/09/1997	08/09/2002	5 years
Assistant Professor	Department of Civil Engineering, N.I.T Hamirpur	28/10/2002	30/06/2006	4 years 8 month 2 days
Associate Professor	Department of Civil Engineering, N.I.T Hamirpur	01/07/2006	27/10/2010	4 year 3 months 26 days
Professor	Department of Civil Engineering, N.I.T Hamirpur	28/10/2010		till date
Lecturer Selection Grade	Department of Civil Engineering, N.I.T Hamirpur	09/09/2002	27/10/2002	1 month 18 days

Administrative Responsibilities

Position Held	Organization	From	To	Remarks
Head	Department of Civil Engineering	10/02/2011	20/05/2013	20
Dean Academic	NIT Hamirpur	29/05/2015	23/04/2018	05
Warden	Kailash Boys Hostel	01/08/2006	03/02/2008	2013,23
Chairman SPGC	Academic Section, NIT Hamirpur	01/02/2008	01/02/2010	04
Suprintending Engineer	Construction Cell NIT Hamirpur	01/05/2011	01/11/2012	2018,03
Chairman, CDC	Construction Cell NIT Hamirpur	20/11/2012	20/05/2013	02
Chairman, CDC	Construction Cell NIT Hamirpur	26/07/2013	26/07/2015	2008,01
Chairman, ICLC	Central Library	24/05/2018	13/09/2020	02
NSS Officer	NIT Hamirpur	01/07/1997	01/05/1999	2010,01
Dean (FW)	NIT Hamirpur	14/09/2020	30/05/2021	11
Chaiman SDPC	Academic Section, NIT Hamirpur	20/07/2020	22/09/2020	2012,20
PI(FRD)	NIT Hamirpur	20/07/2020	22/09/2020	05
Dean Academic	NIT Hamirpur	31/05/2021		2013,26

Expert Talks

Title	Place	Year	Description
Waste Management	JNGEC Sundarnagar on 6th April, 2013	2013	Expert lecture
Use of Geosynthetics in Construction	JNGEC Sundarnagar on 6th April, 2013	2013	Expert lecture
Geosynthetics Applications in Civil Engineering	Workshop on Landslides - Issues and Remedial Measures held on 24 February, 2018	2018	Keynote Speaker
Characterization of Natural Geotextiles	Prospects of Future Research in Structural and Geotechnical Engineering 7 - 11 September at NIT Jalandhar	2020	Expert lecture
Geosynthetics Application In Civil Engineering	Latest Treands in Civil Engineering-2019 held on 7th September	2019	Keynote Speaker
Application of Geosynthetic in Civil Engineering	Assessment of Engineering in Infrastructural Development	2020	Invited Speaker

Professional Activities

Name of Activity	Role	Duration	Organization
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Courses Organized

Category	Type	Title	Venue	From	To	Designation
stc	Course	Intelligent Environment	NIT Hamirpur	15/07/2010	19/07/2010	Coordinator
stc	Course	Implementing Cisco IOS Network Security	NIT Hamirpur	05/07/2010	10/07/2010	Coordinator
stc	Course	E-Learning and Management System	NIT Hamirpur	05/01/2010	09/01/2010	Coordinator
stc	Course	Programming in JAVA	NIT Hamirpur	16/03/2009	20/03/2009	Coordinator
stc	Course	Computer Fundamentals, Microsoft Office and Internet	NIT Hamirpur	29/12/2008	03/01/2009	Coordinator
stc	Course	Post Harvest Technology	NIT Hamirpur	12/06/2006	16/06/2006	Coordinator
stc	Course	PHP, MYSQL and APACHE	NIT Hamirpur	06/04/2006	10/04/2006	Coordinator
conference	National Conference	Civil Engineering Conference-Innovation without Limits	NIT Hamirpur	18/09/2009	19/09/2009	Co-Chairman
conference	National Conference	Infrastructure Development in Civil Engineering	NIT Hamirpur	16/05/2008	17/05/2008	Co-Chairman
workshop	International Workshop	Seismic Evaluation and Strengthening of Existing Structures	Shimla	15/06/2007	16/06/2007	Co-Chairman

Category	Type	Title	Venue	From	To	Designation
conference	National Conference	Materials and Their Application in Civil Engineering	NIT Hamirpur	26/08/2004	27/08/2004	Joint Organising Secretary
conference	National Conference	Pollution Prevention and Control	NIT Hamirpur	23/12/1998	24/12/1998	Joint Organising Secretary

Date :

Place :

Signature