

Summary Sheet**Name: Deepak Khare****Date of Birth:** 14th November 1963**Educational Qualifications**

B.E.	Civil Engg.	DAVV, Indore	1984	79.88% (I Div. with Distn).
M.E.	(Irrigation & WR)	DAVV, Indore	1988	75.20% (I Div. with Distn)
Ph.D.	(Water Resources)	UOR (IIT), Roorkee	1994	--

Employment Details.....(More than 30 years' experience)

Professor	April, 2008-Contd	IIT Roorkee	w.e.f. 15 April, 2008
Associate Professor	2001-April, 2008	IIT Roorkee	6 Yrs 8 Months
Lecturer, Sr. Lect., Asstt.Prof.	1985-2001	SGSITS Indore	16 Yrs 2 Months

Area of Interest:

Water Resources Planning & Management, Ground Water Modelling, Rainwater Harvesting and Watershed Management, Rural and Urban Water Management, Water Resources Structures, Climate Change

Publications	International	National	Total
Journals	63	22	85
Seminar/Conference	56	50	106

Academic Activities:

Teaching: UG (Till 2001) and PG courses in Water Resources Engineering

Ph.D. **Awarded/Submitted** **=15 (14+1)**

Under Progress **=07**

M.Tech. Thesis (Guided) **=73**

Under Graduate Projects (Guided) **=04**

Honors and Awards

- (i) "Career Award" by AICTE New Delhi for Young Teachers, 1995
- (ii) "U.P. Government National Award" by ISTE New Delhi, 2002
- (iii) "Hari Om Ashram Trust award" by UGC, New Delhi, 2004.
- (iv) Outstanding Teacher's Award-2014 by IIT Roorkee
- (v) 'Global Water Leadership Award' 2016 on "World CSR Day" by World CSR Congress.
- (vi) Principal Member, Sectional sub-committee of Bureau of Indian Standards, New Delhi for standard on "Water Harvesting and Catchment Area Treatment".
- (vii) Star Performer, IIT Roorkee, (02 times) in 2003-2004 and 2004-2005

Research and Consultancy:

R & D Projects-	:09 (Completed)	01 (In Progress)	: 146.35 Lacs
Consultancy Projects	:21 (Completed)	02 (In Progress)	: 615.27 Lacs

Courses/Seminars Workshops- Co-ordinated/Organised (34+05)=32

Refresher Courses/ Training Programme Organized : 34

Seminars/Workshops Organized : 05

Administrative and other Responsibilities

1. Head of Department of W.R.D &M. from 1.1.2013 to 29.2.2016
2. Associate Dean of Student's Welfare (Foreign Students') April, 2006 – Dec., 2010
3. Professor In-charge Security- July 2010-Dec., 2010
4. Associate Dean (Mess) Jan., 2008 to July, 2008
5. NSS Coordinator Jan 2011 to Feb, 2012
6. Chief Warden KIH, Jan 2003 to March 2006
7. Sports Advisor Stores, 2006 and 2007
8. Executive Vice President, Indian Water Resources Society (IWRS) 2013-2016 (Feb)
9. National Secretary, Indian Water Resources Society (IWRS) 2003-2005
10. Warden, H.Bhabha Hostel, Jan., 1995 to Sep. 2001 (INDORE)

Visits of other countries: USA, UK, Germany, Austria, Czech Republic, Australia, Singapore, Malaysia

Membership in Professional Societies:

Life member of IWRS, IWWA, IE (India), ISTE, IAH, ISRS, INCA, IGS



CV OF DEEPAK KHARE

Name	Dr. DEEPAK KHARE
Designation	Professor
Department & Full Address	Water Resources Development & Management Indian Institute of Technology Roorkee ROORKEE 247 667 (Uttarakhand), INDIA
Contacts	+91 -1332 - 285393 (Office) 285152 (Res.) Cell: +91-9412990808 and +91-8979775124 E-mail: khareftw@iitr.ernet.in khareftw@gmail.com Page: http://www.iitr.ac.in/~WRT/khareftw
Date of Birth	14 th November 1963

Educational Qualifications

Degree	Field	Board/University	Year	Div.	%	Remark
High. Sec.	Phy. Chem. Maths	M.P. Board	1979	I	78.50	National Schol
B.E.	Civil Engg.	DAVV Indore	1984	I	79.88	With Distn
M.E.	Irrigation & WR	DAVV Indore	1988	I	75.20	With Distn
Ph.D.	Water Resources	UOR (IIT) Roorkee	1994	-	--	

Experience

Duration	Institution	Designation	Experience
15 April, 2008 to Till Date	IIT Roorkee	Professor	08 Yrs,
21 Sep.,01 to April, 2008	IIT Roorkee	Associate Professor	06 Yrs, 8 Months
Aug.'97 to 20 Sep.,2001	SGSITS, Indore	Assistant Professor	04 Yrs 2 Months
Aug.'91 to July,97	SGSITS, Indore	Sr. Lecturer	6 Yrs
Aug.'85 to July'91	SGSITS, Indore	Lecturer	6 Yrs

Total: 30 Yrs 10 Months

Area of Interest

Water Resources Planning & Management, Ground Water Modelling, Rainwater Harvesting and Watershed Management, Rural and Urban Water Management, Water Resources Structures, Climate Change

Honors and Awards

1. Selected by All India Council for Technical Education (**AICTE**) New Delhi for "**CAREER AWARD** for Young Teachers Scheme" in **1995**
2. Received "**U.P. GOVERNMENT NATIONAL AWARD**" for the year 2002 by Indian Society for Technical Education (**ISTE**) New Delhi for outstanding work done in the area of '**Rural Oriented and Socially Relevant Development Activities**'.
3. Received the "University Grant Commission (**UGC**)-**Hari Om Ashram Trust award**" under "**Award to Outstanding Scientists/social Scientists in the field of Interaction between Science and Society**" in 2004.
4. **Outstanding Teacher's Award**-2014 by IIT Roorkee
5. '**Global Water Leadership Award**', 2016 at Mumbai on "World CSR Day" where fifty most Impactful Leaders in Water & Water Management were recognized at the World CSR Congress.
6. *Principal Member*, Sectional sub-committee of Bureau of Indian Standards, New Delhi for standard on "*Water Harvesting and Catchment Area Treatment*".
7. Star Performer for the year 2003-2004 by IIT Roorkee
8. Star Performer for the year 2004-2005 by IIT Roorkee

Details of BIS STANDARDS

- (i) Worked as Principal Member for standard on "Roof Top Rainwater Harvesting-Guidelines" IS-15979:2008 of Bureau of Indian Standards, New Delhi, pp14, May 2008
- (ii) Worked as Principal Member for standard on "Artificial Recharge to Ground Water-Guidelines" IS-15979:2008 of Bureau of Indian Standards, New Delhi, pp14, May 2008

Administrative and Institution Level Responsibilities

At IIT Roorkee

1. Head of Department of W.R.D & M. w.e.f 1.1.2013 to 29.2.2016
2. Executive Vice President, Indian Water Resources Society (IWRS) w.e.f 1.1.2013 to Feb,2016
3. Coordinator NSS Jan 2011- Feb 2012
4. Associate Dean (Foreign Students') Sep., 2007 –Dec 2010
5. Professor In-charge Security- July 2010- Dec 2010
6. Associate Dean (Mess) Jan., 2008 – July, 2008
7. Foreign Students' Advisor April., 2006 – Sep., 2007
8. Sports Advisor April., 2006 and 2007
9. Chief Warden KIH, Jan 2003 to March 2006
10. National Secretary, Indian Water Resources Society (IWRS) 2003-2005
11. Member Guest House Advisory Committee 2003-2005, IITR
12. Member Guest House Restructuring Committee 2005-2006, IITR

At SGSITS-Indore

13. *Warden* , H.Bhabha Hostel, Jan., 1995 to Sep. 2001
14. Post Graduate (PG) *Tabulator Exams for 04 Years* (1997-2001) at Indore

R & D Projects- :

SN	Title of the Project	Year/ Durat ion	Amt (Lacs)	Funding Agency	PI/CoPI	Rem ark
1	Ground Water Modeling and Conjunctive Use Planning of Surface and Ground Water	1995-1998	6.20	AICTE	Deepak Khare	PI
2	"Performance Evaluation of Filters and its Economic Analysis for Rain Water Harvesting"	2000-2001	0.60	IMC, Indore, MP	Deepak Khare	PI
3	"Conjunctive use Planning and Management of Surface and Ground Water" (In a Canal Command of Tawa Project of M.P.	2000-2003	12.75	MOWR, GOI	Deepak Khare	PI
4	Preparation of DPR on "Creation of Technical Infrastructure for Rainwater Harvesting in India"	2003	0.50	NCP, AICTE	Deepak Khare	PI
5	"Perspective of Rainwater Harvesting in Drought Prone Region of Madhya Pradesh"	2003-2006	10.00	MHRD	Deepak Khare C.S.P. Ojha	PI
6	"Water Security for Hilly Regions of North East Through Rainwater Harvesting"	2005-2008	21.00	MHRD	Deepak Khare	PI
7	Preparation of DPR on "Assessment of Climate Change & Its Impact on Urban Hydrology: Indian Perspective" Under (NCP) Nationally Coordinated Project	2009	0.40	AICTE New Delhi	Deepak Khare	
8	Conjunctive Use Planning of Water Resources Considering Spatial Variation in Cropping Pattern Using Remote Sensing and GIS.	2010- 2016	24.00	INCOH, MoWR, New Delhi	Deepak Khare	PI CPI
9	"Assessment of Climate Change & Its Impact on Urban Hydrology: Indian Perspective" Under (NCP) Nationally Coordinated Project	2011- 2016	40.00	AICTE New Delhi	Deepak Khare	PI
10	Analysis of dynamic performance of variable speed hydroelectric plants under grid disturbances	2015- 2018	31.3	Tehri Hydropower Development Corp. (I) Ltd	Dr. Thanga Raj Chelliah & Deepak Khare.	PI

PI: Principal Investigator CPI-Co-Principal Investigator

Consultancy Projects

21 (Completed) 02 (In Progress) 615.27 Lacs

SN	Title of the Project	Year/ Duration	Amt (Lacs)	Funding Agency	PI/CoPI	Remark
Completed						
1	Planning & design of Rainwater Harvesting system at Chambal Fertilizer and Chemical Limited, Kota, Rajasthan	2003-2004	1.65	CFCL Kota	Deepak Khare U.C. Chaube C.S.P. Ojha	PI
2	"Planning & design of Rainwater Harvesting system at ITC Saharnapur". (2005-2006)	2005-2006	1.40	ITC, Saharanpur	Deepak Khare	PI
3	"Hydrology (Surface & Groundwater) and Infiltration Studies" For SASAN Mega Project	2005-2006	7.00	Desein Company Ltd	U.C. Chaube G.C. Mishra Deepak Khare	Mbr
4	"Augmentation of Source and Water Conservation & Recharge-Preparation of DPR's for Dehradun & Almora Cities"	2003-2006	15.00	Uttaranchal Govt.	Deepak Khare P.K. Garg U.C. Chaube	PI
5	"Planning & design of Rainwater Harvesting system for Jalandhar City, Punjab".	2006-2007	3.30	JMC, Jalandhar	Deepak Khare	PI
6	"Conservation Plan for river Kshipra Ujjain (MP)"	2008-2009	68.39	MP Govt.	Arun Kumar AHEC Project Deepak Khare	PI Tm Mbr
7	"Development for Sustainable Basin Planning and Decision Support System for MPWSRP for Two River Basins (Sindh & Tons) in MP"	2009-2011	115.0	MP Govt.	Arun Kumar AHEC Project Deepak Khare	PI Tm Mbr
8	Assessment of Cumulative Impact of Hydro Electric Projects in Alaknanda-Bhagirathi Basin up to Devprayag.	2010-2011	86.00	MOEF	Arun Kumar AHEC Project Deepak Khare	PI Tm Mbr
9	Design and Detailing of Earth Dam and Ash pond for CHHURI Thermal Power Project at KORBA	2011-2013	10.00	DESEIN Private Limited, New Delhi.	Deepak Khare	PI
10	Hydrological Analysis and Design of Hydraulic Structure at River Nandha Choe and Lake at Panchkula	2011-2013	10.00	HUDA Division No. III, Govt of, Panchkula Haryana	Deepak Khare	PI

11	Evaluation Study of irrigation projects sanctioned by NABARD under RIDF	2013-2014	10.00	NABARD, Dehradun	Deepak Khare Ashish Pandey	PI
12	Ground water Potential study and Ground Water survey for deep bore well	2013-2014	8.00	United Spirits Ltd, Bangalore	Deepak Khare	PI
13	"Area Drainage and Hydrological Studies" for the site for 1320 MW (2x660) MW Super-Critical Coal Based Project Adra (Manpura), in PuruliaDistt.	2012-2014	17.00	DESEIN Private Limited, New Delhi.	Deepak Khare	PI
14	Hydro Geological Study of the Area for Dondaicha Thermal Power Project, District Dhule, Maharashtra	2012-2014	8.00	DESEIN Private Limited, New Delhi.	Deepak Khare	PI
15	"Evaluation of the DPR of Suridhar Gram Samuh Pumping Peyjal Yojana"	2014-2015	10.6	SWSM Department of Drinking Water, Uttarakhand	Deepak Khare & team	PI
16	Examination of the DPR of Chamba Mussorrie Phalpatti, Surkanda Devi Gram Samuh Pumping Peyjal Yojana	2014-2015	18.87	SWSM Department of Drinking Water, Uttarakhand	Deepak Khare & team	PI
17	Verification of the Completion Cost of Myntdu Leshka H.E. Project (3x42 MW), Jaintia Hills District, Meghalaya	2014-2015	60.00	MePGCL, Shillong, Meghalaya	Deepak Khare & team	PI
18	Evaluation of BALAWALA PEYJAL SCHEME, Doiwala Block, Dehradun	2014-2015	7.05	SWSM Department of Drinking Water, Uttarakhand	Deepak Khare & team	PI
19	Study to assess the water availability for the proposed Ghatampur Thermal Power Station (GTPS) - (3x660 MW)- from Allahabad West Branch Canal/Or any other alternate Sources	2014-2015	60.00	NEYVELI LIGNITE CORPORATION LTD., NEYVELI	Deepak Khare S.K. Mishra P.K. Mishra	PI
20	Evaluation and Checking of Adequacy of Project Components for 20% Overload Conditions of Karcham-Wangtoo Hydroelectric Project in Himachal Pradesh	2015-2016	30.0	Jaiprakash Power Ventures Limited (JPVL), Noida	Deepak Khare & team	PI
21	"Expert Opinion for Modification and Reconstruction of Energy Dissipation Arrangement of ISP Dam at ISPS, Narmada Nagar, Distt- Khandwa (MP)"	2015-2016	5.0	NHDC Limited NHDC Parisar, Shyamla Hills, Bhopal	Deepak Khare	PI
In Progress						
22	"SURFACE MASTER RUNOFF STUDY FOR IPP SESA STERLITE	2013-2015	98.00	SESA STERLITE LIMITED-	S.K. Mishra Deepak Khare Ashish Pandey	PI

	LIMITED, JHARSUGUDA”			Venanta	U C Chaube	
23	Design of a composite Dam & Dam toe power house of Erach Dam, JHANSI district	2015-2017	86.24	Ghanaram infra Engineers Pvt.Ltd, Jhansi	Deepak Khare & team	PI

PI: Principal Investigator

Details of Visits of other countries:

USA, UK, Australia, Singapore, Germany, Austria, Chez Republic, Malaysia

Institutes/Organization Visited	Purpose of Visit	Date of Visit
University of Applied Sciences Dresden (Germany) Waterworks Torgau-Germany, visit of Stadtwerke Düsseldorf- Germany Visit of power station and waterworks Freudenau, Vienna-Austria and visits were also made to Chez Republic.	EU-Indian River Bank Filtration Network Workshop and Project Visits.The visits were a part of the EU-India Economic Cross Cultural Programme (ECCP) funded by the European Union with project No.-SIE/2004/095-733.	4-17 Sept, 2005
Urban Flood plain Management River Authority, San Antonio, Texas USA	To discuss with official and see the urban flood control measures. & International conference on Watershed Management to meet water quality and TMDL issues: solutions and impediments to Watershed Management and TMDLs	12-13 March, 2007
Geo-environment Research Centre, Cardiff university, Cardiff, UK	Meeting with Faculty in connection with the collaboration	16 March, 2007
NTU and NUS SINGAPORE	Visit to Division of Environmental & Water Resources Engineering, Nanyang Technological University (NTU) Singapore and Department of Civil and Environmental Engineering National University of Singapore (NUS) SINGAPORE: Lecture at NTU and possible research collaboration with NTU and NUS	3-6 March, 2012
Sydney, Australia	Presenting paper in International conference EcoForum Conference and Exhibition-2012. The conference was held at Australian Technology Park, Bay 8, Locomotive Workshop, Henderson Road, Eveleigh, Sydney	7-9 March, 2012.

Malaysia	Participated and presented paper in “The 2nd IWA Malaysia Young Water Professionals Conference 2015 (YWP15)”. The second conference organized by the IWA Malaysia Young Water Professionals Chapter via collaborations with the Institute of Environment and Water Resource Management (IPASA), UTM Water Research Alliance at Kuala Lumpur, Malaysia	17-20 March, 2015
Singapore	Participated in Singapore International Water Week (SIWW) Technology and Innovation Summit (STIS), held in Singapore	16 – 17 June 2015
Penang, Malaysia	Visited River Engineering and Urban Drainage Research Centre (REDAC), University Sains Malaysia, PENANG. Discussions for collaborative research.	18 – 19 June 2015.

Courses/Seminars Workshops- Co-ordinated/Organised (40+05)=45

Refresher Courses/ Training Programme Organized: 40

SN	Name of Activity	Title of Course	Sponsoring Agency	Duration	Coordinator
40	Training Course	ASSESSMENT OF SOIL EROSION AND SEDIMENTATION CONTROL IN HYDROPOWER PROJECTS	NHPC, New Delhi	07-09 January 2016	Deepak Khare S.K. Mishra
39	Training Course	Dam break analysis	NHPC, New Delhi	02-04 October 2015	S.K. Mishra Deepak Khare
38	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum- Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	14-19 Sep, 2015	Deepak Khare
37	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum- Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	21-26 Sep, 2015	Deepak Khare

36	Training Course	Dam break analysis	NHPC, New Delhi	26-30 December, 2014	S.K. Mishra Deepak Khare
35	Training Course	Project Management for River Valley Projects	NHPC, New Delhi	27-29 Nov 2014	Deepak Khare S.K. Mishra
34	Training Course	Ground Water development, Assessment & Management	NABARD, HO, Mumbai	23-28 Dec. 2013	Deepak Khare
33	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum-Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	26 Nov-2 Dec, 2013	Deepak Khare
32	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum-Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	11-16 Nov2013	Deepak Khare
31	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum-Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	23-28 Sep 2013	Deepak Khare
30	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum-Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	16-21 Sep 2013	Deepak Khare
29	Training Course	Capacity Building of Minor Irrigation Organisation	OCTDMS cum-Addl. Secretary to Govt., Dept. of Water Resources Govt. of Odisha, Bhubaneswar	26 Feb- to 3 March, 2013	Deepak Khare
28	Training Course	Project Management for River Valley Projects	NHPC, New Delhi	21-25 Jan., 2013	Deepak Khare
27	Training Course	Project Management for River Valley Projects	NHPC, New Delhi	29 Oct-2 Nov, 2012	Deepak Khare

26	Training Course	Project Management for River Valley Projects	NHPC, New Delhi	16-20 January, 2012	Deepak Khare
25	Training Course	Catchment Area Conservation and Management Aspects	Dept of Drinking Water, Swajal, Uttarakhand	1-3 September, 2011	Deepak Khare B.K. Gandhi
24	Training Course	Catchment Area Conservation and Management Aspects	Dept of Drinking Water, Swajal, Uttarakhand	3-5 September, 2011	Deepak Khare B.K. Gandhi
23	Training Course	Feasibility, Design & DPR preparation	Dept of Drinking Water, Swajal, Uttarakhand	28 Feb-4 March, 2011	B.K. Gandhi Deepak Khare
22	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	14-18 Feb., 2011	B.K. Gandhi Deepak Khare
21	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	31 Jan.-4 Feb., 2011	B.K. Gandhi Deepak Khare
20	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	24-28 January, 2011	B.K. Gandhi Deepak Khare
19	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	17-21 January, 2011	B.K. Gandhi Deepak Khare
18	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	10-14 January, 2011	B.K. Gandhi Deepak Khare
17	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	11-15 October, 2010	B.K. Gandhi Deepak Khare
16	Training Course	"Construction Supervision and Operation & Maintenance "	Dept of Drinking Water, Swajal, Uttarakhand	13-17 September, 2010	B.K. Gandhi Deepak Khare
15	Training Course	Feasibility, Design & DPR preparation	Dept of Drinking Water, Swajal, Uttarakhand	5-9 Jan, 2010	B.K. Gandhi Deepak Khare
14	Training Course	Project Management for River Valley Projects	NHPC, New Delhi	22-26 Nov, 2010	Deepak Khare
13	Training	Feasibility, Design &	Dept of Drinking	12-16 Jan,	B.K. Gandhi

	Course	DPR preparation	Water, Swajal, Uttarakhand	2010	Deepak Khare
12	Training Course	Feasibility, Design & DPR preparation	Dept of Drinking Water, Swajal, Uttarakhand	5-9 Jan, 2010	B.K. Gandhi Deepak Khare
11	Training Course	Feasibility, Design & DPR preparation	Dept of Drinking Water, Swajal, Uttarakhand	14-18 Dec, 2009	B.K. Gandhi Deepak Khare
10	Training Course	Feasibility, Design & DPR preparation	Dept of Drinking Water, Swajal, Uttarakhand	7-11 Dec, 2009	B.K. Gandhi Deepak Khare
9	Training Course	Feasibility, Design & DPR preparation	Swajal, Uttarakhand	23-27 Nov, 2009	B.K. Gandhi Deepak Khare
8	Training Course	Feasibility, Design & DPR preparation	Swajal, Uttarakhand	16-20 Nov, 2009	B.K. Gandhi Deepak Khare
7	Training Course	Feasibility, Design & DPR preparation	Swajal, Uttarakhand	16-20 March, 2008	Deepak Khare B.K. Gandhi
6	Training Course	Feasibility, Design & DPR preparation	Swajal, Uttarakhand	4-8 Feb, 2008	Deepak Khare B.K. Gandhi
5	Training Course	Feasibility, Design & DPR preparation	Swajal, Uttarakhand	8-12 Jan, 2008	Deepak Khare B.K. Gandhi
4	Short Term Course	Advanced Applications of SCS-CN Technique	<i>QIP, IIT Roorkee,</i>	30 Oct-3 Nov, 2006	S.K. Mishra Deepak Khare
3	Short Term Course	Water Management for Sustainable Agriculture production in canal commands	<i>Ministry of Water Resources, New Delhi</i> <i>(at CEP, IIT Roorkee)</i>	21-27 Feb, 2005	S.K. Tripathi Deepak Khare
2	ISTE Winter School	"Computer Applications on Surface and Ground Water Hydrology"	AICTE-ISTE New Delhi (at SGSITS Indore)	8-20 Jan., 1996.	R.K. Shrivastava Deepak Khare
1	Refresher Course	"Ground Water Economics"	International Training Centre (ITN) Centre (India), All India Institute of Hygiene & Public Health, Calcutta (at SGSITS Indore)	16 -21 Oct, 1995	Deepak Khare R.K. Shrivastava

Seminars/Workshops Organized: 05

SN	Name of Activity	Title of Course	Organized By /Sponsoring Agency	Duration	Coordinator/ Convener
International					
5	International Symposium	"Recent Advances in Water Resources Development & Management"	WRDM IIT Roorkee	23-25 November, 2005	Deepak Khare Org. Secretary
National					
4	Workshop	"Water Conservation and Rain Water Harvesting"	Institution of Engineers (I) Roorkee Centre	15 th December 2005	Deepak Khare Convener S.K. Jain Org. Secretary
3	Panel Discussion	"Floods and Drought Management"	IWRS	28 August, 2004	Deepak Khare Convener
2	Workshop	"Rain Water Harvesting: Need of People's Participation"	SGSITS, Indore and IMC (at SGSITS Indore)	23 rd Sep., 2000	Deepak Khare Org. Secretary
1	Workshop	"Preparation of the Laboratory Mannual for Computer Simulation Lab"	M.P. Council for Science and Technology, Bhopal (at SGSITS Indore)	1-3 Sep., 1995	Deepak Khare RakeshKhare R.K. Shrivastava

Publications** (including accepted)	191
Ph.D Awarded/Submitted	15 (14+1)
Ph.D Under Progress	07
M.Tech. Thesis ** (Guided)	73
Under Graduate Projects (Guided)	04

Membership in Professional Societies	
Indian Association of Soil and Water Conservation	IASWC
Institution of Engineers (India)	IE(India)
Indian Association of Hydrologist	IAH
Indian Society for Technical Education	ISTE
Indian Water Works Association	IWWA
Indian Society of Remote Sensing	ISRS
Indian National Cartographic Association	INCA
Indian Geotechnical Society (Indore Centre)	IGS

PUBLICATIONS

Research Papers in International Journals: (63)

1. Santosh M. Pingale, **Deepak Khare**, Mahesh K. Jat and Jan Adamowski (2016) “Trend analysis of Climatic Variables in an Arid and Semi-Arid Region of Ajmer District, Rajasthan, India” *Journal Of Water And Land Development And Environmental Engineering In Agriculture*, 2016, No. 28 (I–III): 3–18
2. Lalan Kumar Jha & **Deepak Khare**, “Lake outburst flood (GLOF) study of Dhauliganga basin in the Himalaya” *Jr. of Cogent Environmental Science* (2016), 2: 1249107<http://dx.doi.org/10.1080/23311843.2016.1249107>, Oct, 2016
3. Tesfa Worku Meshesha, S. K. Tripathi, **Deepak Khare**, Analyses of land use and land cover change dynamics using GIS and remote sensing during 1984 and 2015 in the Beressa Watershed, *Modeling Earth Systems and Environmen*, doi:10.1007/s40808-016-0233-4, October 2016
4. Lalan Kumar Jha & **Deepak Khare**, Detection and delineation of glacial lakes and identification of potentially dangerous lakes of Dhauliganga basin in the Himalaya by remote sensing and GIS, *Natural Hazards*, Nat Hazards DOI 10.1007/s11069-016-2565-9, 2016
5. Kundu, S, **Khare, D** & Mondal, A., Interrelationship of rainfall, temperature and reference evapotranspiration trends and their net response to the climate change in Central India, *Theoretical and Applied Climatology*, Springer, DOI: 10.1007/s00704-016-1924-5, Sep., 2016, pp 1-22
6. Mondal, A., **Khare, D.**, & Kundu, S, A comparative study of soil erosion modelling by MMF, USLE and RUSLE, *International, Geocarto International*, DOI:10.1080/10106049.2016.1232313, Aug, 2016
7. **Deepak Khare**, Leki DorjiL, Arun Mondal & Sananda Kundu, Impact Of Climate Change on Glaciers-A Case Study of Bhutan, *International Journal of Asian Academic Research Associates, AARJMD ASIAN ACADEMIC RESEARCH JOURNAL OF MULTIDISCIPLINARY, AARJMD VOLUME 3/1, Jan, 2016,ISSN:2319 – 2801, pp 47-63*
8. **Deepak Khare**, Leki DorjiL, Arun Mondal & Sananda Kundu, Expansion of Glacial Lakes in Bhutan during 1990- 2009, *Indian Journal of Science and Technology*, Vol 9(36), DOI: 10.17485/ijst/2016/v9i36/85047, September 2016, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645, pp 1-9
9. Arun Mondal, **Deepak Khare**, Sananda Kundu, Surajit Mondal, Sandip Mukherjee & Anirban Mukhopadhyay, Spatial soil organic carbon (SOC) prediction by regression kriging using remote sensing data, *National Authority for Remote Sensing and Space Sciences, The Egyptian Journal of Remote Sensing and Space Sciences, Elsevier, 2016*
10. Mondal, A., **Khare, D.**, & Kundu, S. 2016. Impact of climate change on future soil erosion and SOC loss in different slope, soil and landuse condition, *Natural Hazards*, Springer Publisher, DOI: 10.1007/s11069-016-2255-7. (Thomson Reuters IF 1.72)
11. Mondal, A., **Khare, D.**, & Kundu, S. 2016. **Uncertainty Analysis of Soil Erosion Modeling Using Different Resolution of Open Source DEMs**, *Geocarto International, Taylor and Francis Publisher*. DOI: 10.1080/10106049.2016.1140822. (Thomson Reuters IF 1.37)

12. Mondal, A., **Khare, D.**, Kundu, S., Mukherjee, S., Mukhopadhyay, A., Mondal, S. 2016. Uncertainty of Soil Erosion Modeling Using Open Source High Resolution and Aggregated DEMs. *Geoscience Frontiers. Elsevier Publisher* DOI: 10.1016/j.gsf.2016.03.004
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 31. **Deepak Khare**, K. Sonamani Singh , Kishor A. Dhore, Tarun Bhatnagar, “Watershed Prioritization Considering Soil Erosion Status: A Case Study of India” ASABE International Conference on Watershed Management to Meet Water Quality Standards and TMDLs **March 10-13, 2007** in San Antonio, Texas, USA pp 533-540.
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 34. C.S.P. Ojha, **Khare Deepak**, Ramakant, “Critics On Performance Of Slow Sand Filter Using Probability Distribution” International Conference on Civil Engineering, I.R. **Iran** Tehran 8-10 May, 2006
 35. **Deepak Khare**, Ramakant and C.S.P. Ojha. “Technical Evaluation Of Rainwater Harvesting Filtration Systems In India” International Biological Filtration Conference 2006, Germany at IWW Water Centre in Mulheim an der Ruhr **Germany** 3-5 May, 2006
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- Conference on IT Applications in Civil Engineering to be held at IIT Roorkee from Feb. 20-21, 2006.
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 40. J.K.Devasunder, M. K. Jat, **Deepak Khare** , "Assessment of Conjunctive use Options in a Proposed Link Canal Command", Recent Advances in Water Resources Development & Management (Allied Pub.):Vol-I, International Symposium at IIT Roorkee, 23-25 November **2005**, pp170-187
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 55. K.A.Dhore, K.K.Nathan, **Deepak Khare**, U.C. Chaube. "Weekly Rainfall Prediction using Standard Package SMADA" in Proceeding of the International conference on Water and Environment (WE-2003) December, 15-18, 2003 at Bhopal, Watershed Hydrology, Edited by V.P.Singh and R.N.Yadav, Allied Publishers Pvt. Ltd. New Delhi, 32-39.
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2. R Krishan, Brij K Pandey, P P Katarki and **Deepak Khare** "Water Resources Assessment Using DSS under Climate Change Scenario" at HYDRO-15 International Conference organized by IIT Roorkee in December 2015.
3. R Krishan, Brij K Pandey, P P Katarki and **Deepak Khare** "Water Resources Assessment Using DSS under Climate Change Scenario" at HYDRO-15 International Conference organized by IIT Roorkee in December 2015.
4. Arun Mondal, **Deepak Khare**, Sananda Kundu, Prabhash Kumar Mishra., 2013. Detection of Land Use Change and Future Prediction with Markov Chain Model in a part of Narmada River Basin, Madhya Pradesh. *International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change March 14-16, 2013*, Rohtak, Haryana, India.

5. Sananda Kundu, **Deepak Khare**, Arun Mondal, Prabhash Kumar Mishra., 2013. Long term Rainfall Trend Analysis (1871-2011) for Whole India. *International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change March 14-16, 2013*, Rohtak, Haryana, India.
6. Prabhash Kumar Mishra, **Deepak Khare**, Arun Mondal, Sananda Kundu., 2013. Multiple Linear Regression based Statistical Downscaling of daily precipitation in a canal command. *International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change March 14-16, 2013*, Rohtak, Haryana, India.
7. Sananda Kundu, **Deepak Khare**, Arun Mondal, Prabhash Kumar Mishra, Rituraj Shukla. Analysis of the Long-term Rainfall Trend for Madhya Pradesh (1901-2011). *8th International Congress on Climate Change, Terrotorial Classification & Socio-Economic Crisis*, Tiruchirappalli, Tamil Nadu, April 23–25, 2013 India. Bharthidasan University, Tiruchirappalli and National Polytechnic Institute, Mexico.
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9. Rituraj Shukla, **Deepak Khare**, Prabhash Kumar Mishra, Arun Mondal, Sananda Kundu. Monotonic trend analysis of temperature series over Indira Sagar region in Madhya Pradesh, India. *8th International Congress on Climate Change, Terrotorial Classification & Socio-Economic Crisis*, Tiruchirappalli, Tamil Nadu, April 23–25, 2013 India. Bharthidasan University, Tiruchirappalli and National Polytechnic Institute, Mexico.
10. Arun Mondal, **Deepak Khare**, Sananda Kundu, Prabhash Kumar Mishra. **Assessment of Seasonal Variation of Land Surface Temperature (LST) in an Urban area.** *International Conference on Interdisciplinary application of Remote Sensing and Geographic Information System, Mumbai*, dated on 26th-27th, 2013 April. Department of Geology and Centre of Remote Sensing and GIS, K.J. Somaiya College of Science and Commerce.
11. Arun Mondal, **Deepak Khare**, Sananda Kundu, Prabhash Kumar Mishra, Rituraj Shukla, Pramod Meena., 2013. **Assessment of Soil Erosion Status in a Part of Narmada River Basin, Madhya Pradesh.** *International Conference on Regional Development: Sustainability, Socio-economic Development in Jammu & Kashmir. Dated on 5th –6th June, 2013* in Dept. of Geography and Regional Development, University of Kashmir, Srinagar, India.
12. Pramod Meena, **Deepak Khare**, Prabhash Kumar Mishra, Rituraj Shukla, Sananda Kundu, Arun Mondal. 2013. Long Term Trend Analysis of Mega Cities in Northern part of India using rainfall data. *International Conference on Regional Development: Sustainability, Socio-economic Development in Jammu & Kashmir. Dated on 5th –6th June, 2013* in Dept. of Geography and Regional Development, University of Kashmir, Srinagar, India.
13. Sananda Kundu, **Deepak Khare**, Arun Mondal, Prabhash Kumar Mishra, Rituraj Shukla, Pramod Meena. 2013. Estimation of Evapotranspiration by Penman Monteith Method in Madhya Pradesh. *International Conference on Regional Development: Sustainability,*

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14. Rituraj Shukla, **Deepak Khare**, Prabhash Kumar Mishra, Rituraj Shukla, Sananda Kundu, Arun Mondal, Pramod Meena. 2013. Long term Monotonic Trend Analysis of Temperature series over Madhya Pradesh in India for 20th Century (1901-2005). *International Conference on Regional Development: Sustainability, Socio-economic Development in Jammu & Kashmir. Dated on 5th –6th June, 2013 in Dept. of Geography and Regional Development, University of Kashmir, Srinagar, India.*
 15. Brar, T.S., Jain, R.K. and **Khare, D.**, 'Decentralized Wastewater Treatment System For Restoration of Streams And Ground Water Quality In An Urban Area', 4th International Congress of Environmental Research, Organized by Journal of Environmental Research And Development, Bhopal (INDIA), and Sardar Vallabhbhai National Institute of Technology, Surat (India), December 15 – 17, 2011.
 16. **Deepak Khare**, P.K. Mishra, Santosh M. Pingale and Mahesh K Jat. "Climate Change: Issues and Challenges", Workshop on Innovations for Sustainable Water Management, WALMI, Bhopal, WRD MP March 25-26, 2011, pp 97-112
 17. **Deepak Khare**, P.K. Mishra, Santosh M. Pingale and Mahesh K Jat. "Climate Change: Issues and Challenges", Workshop on Innovations for Sustainable Water Management, WALMI, Bhopal, WRD MP March 25-26, 2011, pp 97-112
 18. Santosh M Pingale, Mahesh K Jat and **Deepak Khare** (2009) "Perspective of Urban Water Demand Management in Changing Climate" *Proceeding of Seminar on Integrated Water Resources Management: Demand Assessment and Management organized by Water Resource Department, Bureau of Indian Standard (BIS), New Delhi, March 20, 2009, pp 16-26.*
 19. **Gaikwad, P G., Khare Deepak, Mishra, G. C.**, "Determination of chemical composition of Bottom and Pond ash with the help of FESEM EDAX.". *Proceeding of National Conference on Advances in Instrumentation held at Nashik during 23-24 January, 2009, pp 210-212*
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 21. Jat, Mahesh Kumar, **Deepak Khare** and Garg, P. K., (2008), Integrated water management in an urban area: A case study, In Proceedings of National Conference on "Infrastructure Development in Civil Engineering (IDCE-2008)", Department of Civil Engineering, NIT Hamirpur, 235-246.
 22. **Santosh Pingale**, Mahesh Kumar Jat, Deepak Khare (2008). "Integration of GIS in Environmental Modelling and Hydrological Analysis: A Review of Integration Technologies". *Proceeding of National Conference on Infrastructure planning in Civil Engineering at NIT Hamirpur during 16-17 June, pp 289-298*
 23. **Gaikwad P. G., Khare Deepak, Mishra G. C. (2008).** "Fly Ash Disposal in India", *Proceeding of National Conference on Infrastructure planning in Civil Engineering at NIT Hamirpur during 16-17 June, pp. 518-523*

24. Bhaskar R. Nikam, **Deepak Khare** and S. K. Ghosh (2008).“Land and Water Resources Management Using Remote Sensing and GIS–A Case Study of Hilly Watershed”. *Proceeding of National Conference on Sustainable Water Resources Development and Management–2008 held at Aurangabad* during 13-14 June, pp 50-57
25. SantoshPingale, H.C. Sharma, **Deepak Khare**, Mahesh K Jat and Harish Chandra(2008).“A Conceptual Model for Integrated Water Resources Management”. *Proceeding of National Conference on Sustainable Water Resources Development and Management–2008 held at Aurangabad* during 13-14 June, pp 142-149
26. Mahesh K. Jat, **Deepak Khare**and P.K. Garg “Integration of Supply and Demand Management Options in a Water Deficient Environment”, 40th Annual Convention of IWWA, Indore, 7-9 February, 2008 pp 61-68
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29. S.R. Yadav, T.S. Brar, D.C. Singhal, R.K. Jain and **Deepak Khare**, “Rainwater Harvesting and Groundwater Recharge for sustainable Management of Urban areas” *Proceeding of National Conference on Sustainable Management of Water Resources*’, College of Agriculture and Technology, JunagarhGujrat, 28-29 January, 2005 pp 170-176
30. ShailzaVerma, **Deepak Khare** and S.K. Jain, “Urban Water Management: Issues and Challenges” *Proceeding of National Conference on Sustainable Management of Water Resources*’, College of Agriculture and Technology, JunagarhGujrat, 28-29 January, 2005 pp 38-44
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36. **Dr. Deepak Khare**, Dr. C.S.P.Ojha&Ramakant "Filtration of harvested rainwater from rooftop: A case study" in National Seminar on "Rainwater Harvesting" 19 November 2003 at Hyderabad organized by Bureau of Indian Standards-BIS
37. **Dr. Deepak Khare**, Dr. C.S.P.Ojha, Ramakant&ShailzaVerma "Qualitative management of harvested rainwater treatment system" in National Water Convention 5-7 November 2003, at Bhuvneshwar, Orrisa.
38. **Khare Deepak**, "Issues and challenges in rainwater harvesting: Some experiences of Indore Madhya Pradesh", Paper presented as Key Speaker and published in the Proceeding of national workshop on rainwater management (rural & urban solution), Organized INSTRUCT, Bangalore, 24-25 January, 2003
39. **Khare Deepak**, "Necessity of filtration devices for rainwater harvesting", Paper published in the Proceeding of national symposium on rainwater management for water security, Organized JNKVV Jabalpur (M.P), 6-7 January, 2003
40. **Khare Deepak**, "Implementation of rainwater harvesting project: Issues and challenges", Paper presented and published in the Proceeding of National Seminar on "Water and Environment: Issues & Challenges", Organized by IWRS and WRDTC, IIT Roorkee 12-13 October, 2002
41. **Khare Deepak**, "Rainwater Harvesting: An overview of Indore", paper presented and published in the National Seminar on Groundwater conservation and management- With special reference to Madhya Pradesh, 16-17 May, 2002
42. **Khare Deepak**, Asawa G.L. and Chawla A.S., "Economic Analysis For Conjunctive Use Planning Of Water Resources" paper presented and published in the proceedings of National seminar on "Recent Trends in Civil Engineering" 22-23 February, 2002
43. **Khare Deepak**, "Groundwater Withdrawals in Indore City", paper presented and published in the proceedings of the workshop on Rainwater Harvesting: Need of People's Participation, 23rd Sep., 2000.
44. **Khare Deepak**, "Methods of Rainwater Harvesting", paper presented and published in the proceedings of the workshop on Rainwater Harvesting: Need of People's Participation, 23rd Sep., 2000.
45. **Khare Deepak**, "Application of Modelling Techniques in Planning Ground Water Development.", Key paper invited for the Workshop on Ground Water Development Trends and Related Issues in Madhya Pradesh, under Hydrology Project, 9th October, 1999.
46. **KhareDeepak** ,Asawa, G.L. and Chawla, A.S., "Optimum Capacity of Shallow tubewells." Seminar on Recent Trends of Engineering in Rural Context, Pantnagar (UP), Nov., 1994.
47. Shrivastava, R.K. and **Khare Deepak**, "Major and Minor Irrigation Schemes : Some thoughts", Invited Paper published in the Souvenir on Water Resources Day- 1994, Organised by IWRS Indore Centre, 12th June, 1994
48. **Khare Deepak** , Asawa, G.L. and Chawla, A.S., "Conjunctive use for water Management", Presented in Seminar-93, held at University of Roorkee, Roorkee, 3-4 April, 1993.

49. **Khare Deepak** and Shrivastava, R.K., "Environmental Aspects & Responsibilities of Various Organisations in Large Dam Construction" Paper Published in the Proceedings of National Symposium of IWRS on Large Reservoirs: Environmental Loss or Gain, held at Nagpur, 7-9 Feb., 1992.
50. Shrivastava, R.K., **Khare Deepak** and Ajmera Sunil, "Optimal Cropping Pattern under varying availability of water in Jobat Project" Paper Published in the Proceedings of National Symposium on Optimization Techniques & Applications, held at Madurai, Tamilnadu, 2-3 July, 1992

DETAILS OF THESIS SUPERVISED

Ph.D. Thesis

Awarded	=14
Submitted	=01
Under Progress	=07

SN	Title of the Thesis	Year of Award	Name of Student	Supervisors
Awarded =14				
1	"Modelling of sand filters for rainwater harvesting",	2006	Ramakant	Deepak Khare C.S.P. Ojha
2	"Spatial Decision Support System for Water Resources Planning on Watershed Basis"	2006	Kishore A.Dhore ,	U.C. Chaube Deepak Khare P.K. Garg
3	Soil Erosion Modelling in LoktakLake Catchment: An Integrated Approach	2007	Singh K, Sonamani	Deepak Khare S.K.Jain Bhishm Kumar
4	Integrated Water Management Modelling In Urban Fringe Using Remote Sensing & GIS	2007 (CED)	Mahesh Kumar Jat	P.K. Garg Deepak Khare
5	"Decision Support System for Integrated Urban Water Management"	2010	ShailzaVerma	Deepak Khare Sharad K Jain
6	"Water Supply Management in Uban Residential Development"	2010 (APD)	R. Biswas	R. Shankar Deepak Khare
7	"Solute Transport from	2010	Gaikwad P.G.	Deepak

	Fly ash Slurry Pond”,			Khare G.C. Mishra
8	“Assessment And Management Of Waterlogged Area Within An Irrigation Command Areas Using GIS And Remote Sensing”	2011 (CED)	ShirishaUppaluri	S.K. Ghosh Deepak Khare
9	“Water Resources Management Policy for Sustainable Urban Development”	2011 (APD)	Tejwant Singh Brar	R.K. Jain Deepak Khare
10	“Distributed Modeling of Conjunctive Using Remote Sensing And GIS”,	2012	BhaskarRamchandraNikam	Deepak Khare S.K. Ghosh
11	“Assessment of Climate Change & Its Impact on Water Resources”	2013	SantoshPingle	Deepak Khare M.K. Jat
12	“Assessment of Climate Impact of Climate and Landuse Change on Soil Erosion and Soil Carbon Loss”	2015	ArunMondal	Deepak Khare
13	“Impact of landuse and Climate on Water Resources Using Energy Balance”	2015	Sananda Kundu	Deepak Khare
14	“Impact of Climate Change and Landuse Changes on Ground Water in a Canal Command”	Registered in 2010	Ritu Raj	Deepak Khare
Submitted=01				
15	“Optimal Water Resources Management in a Canal Command considering Climate Change.”	Registered in 2010	P.K. Mishra	Deepak Khare
Under Progress=07				
16	"Integrated Water Resources Planning in Bundelkhand Region of MP in Changing Climate"	Registered in 2012	Pramod Meena	Deepak Khare
17	Development of Decision Support System for Urban Watershed Under Climate Change	Registered in 2013	Ayush Chandrakar	Deepak Khare
18	Impact Assessment of	Registered in	Manish Nema	Deepak

	Climate Change on River Hydrology	2013		Khare S.K. Jain (NIH)
19	Statistical Downscaling and Hydrological Modeling under Climate Change Scenario	Registered in 2014	Brij Pandey	Deepak Khare
20	Water Resources Allocation and Management Considering Climate Change in a canal Command	Registered in 2014	Radha Krishan	Deepak Khare
21	Watershed Management for Sustainable Development in Beressa Watershed of Ethiopia	Registered in 2015	Tesfa Worku Meshesha	S. K. Tripathi Deepak Khare
22	Impact of Climate Change on Urban Water	Registered in 2015	Lakhwinder Singh	Deepak Khare

CED: Civil Engg. Department

APD: Architectural Planning Department

M.Tech. Thesis (Guided)-

Completed

=73

-In Progress

=04

List of M.Tech. Thesis Guided:

SN	Title of the Thesis	Year of Award	Name of Student	Supervisors
At SGSITS Indore				
1	"Ground Water Modeling for Prediction of well water levels in satak project area"	1994	B.Nazeer Ahmed	R.K.Shrivastava Deepak Khare
2	"Conjunctive use of Surface and Ground Water for Satak Command in Narmada River"	1995	R.V.ChalapathiRao	Deepak Khare R.K.Shrivastava
3	"Groundwater Modeling – A Case Study for Indore Tehsil",	1995	VikasGoyal	Deepak Khare R.K.Shrivastava
4	"Real Time Inflow Forecasting and Optimal Strategies for Crop	1995	PratulShrivastava	R.K.Shrivastava Deepak Khare

	Planning Under Tawa Project"			
5	"Conjunctive use Planning of Water Resources- A Case Study"	1996	MutnuruSrinivasaRao	Deepak Khare R.K.Shrivastava
6	"Development of Optimal Operating Rule Curves for Tawa Reservoir- A Case Study"	1997	MaqsoodurRahman Khan	R.K.Shrivastava Deepak Khare
7	"Ground Water Modelling- A Case Study For Omkareswar Left Bank Canal Command"	1997	Vijay Kant Maurya	Deepak Khare.
8	"Water Balance Studies for Omkareswar Right Bank Canal Command"	1998	Ramesh Y. Patil	Deepak Khare R.K.Shrivastava
9	"Conjunctive Use Planning of Water Resources: Omkareswar Left Bank Canal Command- A Case Study"	1998	PankajVijayvargiya	R.K.Shrivastava Deepak Khare
10	"Optimal Cropping Pattern Studies for Omkareswar Left Bank Canal Command"	1998	Yogesh Nair	Deepak Khare R.K.Shrivastava
11	"Ground Water Modelling: A Case Study of Depalpur Tehsil, Indore"	1999	Manish Dubey	Deepak Khare R.K.Shrivastava
12	"Impact Assessment of Rajeev Gandhi Watershed Mangement Mission- A Case Study"	2000	Mitthan Singh Raghuwanshi	Deepak Khare.
13	"Derivation of Unit Hydrograph for Maithon Sub Catchment: A Case Study"	2000	SudeshnaBakshi	R.K. Shrivastava Deepak Khare
14	"Optimal Design of Filter For Rooftop Rainwater Harvesting"	2001	HridayeshVarma	T.A.Sihorwala Deepak Khare
15	"Impact Assessment of Rainwater Harvesting on Ground Water Quality",	2001	VasudeoKhairwar	R.K.Shrivastava Deepak Khare
16	"Optimal Design of Pile For Rainwater Harvesting",	2001	S.C.Janoliya	Deepak Khare.
AT IIT ROORKEE				
17	"Performance Evaluation of Chandra Canal Irrigation Project In	2001	BinodK.Jha	Deepak Khare Raj Pal Singh.

	Nepal"			
18	Critical Review of Pratices of Operation And Maintenance of Minor Irrigation System At Ciloganti Indonesia	2001	MuhamatMarasabessy	Deepak Khare Raj Pal Singh.
19	"Study of The Losses in an Irrigation System- A Case Study"	2001	C.L.Jatav	Deepak Khare Raj Pal Singh. D.C.Sharma
20	"Conjunctive Use Planning in Krishna (Nagarjunasagar) – Pennar (Somasila) Link Canal Command",	2002	J.DevaSundar	Deepak Khare.
21	"Conjunctive Use Planning For Sopan Irrigation Project of Indonesia",	2002	Ediwahyunan	Deepak Khare.
22	"GIS Based Analysis For Identification of Water Logged Area, A Case Study of Tawa Project	2002	YancePabisa	Deepak Khare S.K.Ghosh.
23	"Identification of Parameters for Developing Management Information System for An Irrigation Project",	2002	Darmawangsa	V.K.Bairathi Deepak Khare.
24	"Gis Based Study For Rain Water Harvesting - A Case Study for Mussorie",	2002	RegaladoCarangand	Deepak Khare P.K.Garg.
25	"Watershed Management In Droughth Prone Area: A Case Study In Kalahandi District",	2002	DevrajSethi	Deepak Khare.
26	"Towards Effective Watershed Management In Kenya – A Case Study of Machakos District",	2004	Richard MunyaoKanui	Raj Pal Singh Deepak Khare
27	"Parametric Evaluation of Water Logging Using GIS - A Case Study"	2004	Haruno	Deepak KhareS.K.Ghosh.
28	"Watershed Management Using Gis in East Java Province of Indonesia",	2004	HariNasmiarta	Deepak Khare Sanjay K. Jain.
29	Envoirmental Impact Assessment of Irrigated Agriculture"	2004	QahramonJumaboyev	Deepak Khare Raj Pal Singh.
30	"Critical Study of Design & Planning of The Work in	2004	Jerome L. Jamanulla	Deepak Khare Raj Pal Singh.

	Some Small Irrigation System in The Philippines”,			
31	“A Study on Suitable Measures for Controlling Seepage Losses From Irrigation Distribution Network”,	2004	Bharat Mani Dhital	Deepak Khare Raj Pal Singh.
32	“Study of Cropping Pattern In Irrigated Command”,	2004	Raj Shreevastava Kumar	Deepak Khare Raj Pal Singh.
33	“Assessment of Artificial Recharge Through Recharge Well”,	2005	RajeshwarYadav	Deepak Khare G.C. Mishra
34	“Soil and Water Resources Conservation and Management for Agricultural Production in Dry Areas of Uzbekistan”,	2005	AdhamTulaganov	Deepak Khare Raj Pal Singh.
35	“Watershed Management Planning Using Wms: A Case Study”	2005	Ramesh Pawar	Deepak Khare Sanjay K. Jain.
36	“Irrigation Scheduling in A Canal Command Area- A Case Study”	2005	AgusRejekI Nusantara Nainggolan	Deepak Khare S.K. Mishra
37	“Watershed Prioritization :A Case Study”	2005	TarunBhatnagar	Deepak Khare
38	“Interlinking of Rivers Using GIS”	2005	Agarwal	P.K.Garg Deepak Khare
39	“Delineation of Aquifers By Electrical Resistivity Method”	2006	Sanjeev Kumar	GopalChauhan Deepak Khare
40	“Conjunctive Use Planning of Water Resources in A Canal Command”	2006	Mireku Yaw	Deepak Khare
41	“Rainfall-Runoff Modelling in An Ungauged Watershed Using GIS”	2006	Ajay Kumar Jha	Deepak Khare
42	Performance Evaluation of Ground Water Pumping System	2007	KakarlaNarendraVerma	GopalChauhan Deepak Khare B.K. Gandhi
43	Effective Water Management Through Improved Irrigation	2007	Djamshid R. Tursunov	Deepak Khare

	System in A District of Tashkent, Uzbekistan			
44	Soil Erosion Modelling in Watershed- A Case Study	2008	Ms. Sumedha Kulkarni	Deepak Khare
45	DSS For Water Resources Assessment In Changing Climate	2009	Prakash P. Katarki	Deepak Khare
46	Assessment of Climate Change & Its Impact in River Basin Planning	2010	Ari Setyorini	Deepak Khare
47	Impact of Climate Change on Stream Flow	2010	WishuPramudiio	Deepak Khare S.K. Jain
48	Rainwater Harvesting in an Urban Area Considering Climate Change: A Case Study	2011	Pradip Kumar Nayak	Deepak Khare
49	Restoration of Water Resources in Changing Climate	2011	Rajinder Singh	Deepak Khare
50	Impact of Climate Change on Glaciers : A Case Study of Lunana Region in Bhutan	2011	LekiDorji	Deepak Khare
51	Impact assessment of catchment dynamics of ground water in a canal command	2012	Ajay Krishna Prabhkar	Deepak Khare
52	Impact of landuse change on runoff in a catchment of hydro power project	2012	DipetenduPatra	Deepak Khare
53	Decision Support System (DSS) for Urban water management with Climate considerations	2012	Praveen Kumar	Deepak Khare
54	IMPACT OF LANDUSE AND CLIMATE CHANGE ON GROUNDWATER IN UPPER GANGA CANAL	2013	Nitin Mishra	Deepak Khare R.P. Singh
55	Integrated Water Resources Management in canal Command Area in Terai Region of Nepal	2013	Ishwari Prasad Tiwari	Deepak Khare
56	Performance evaluation of Salia irrigation project in changing climate	2013	Rabindranath Sethi	Deepak Khare P.C. Nayak
57	Water management of minor irrigation project in changing climate	2013	A.Ram Prasad Rao	Deepak Khare
58	Assessment & Improvement	2014	Sandeep Kumar	Deepak Khare

	of Irrigation efficiency of Satiguda Medium Irrigation Project of Odisha in changing climate			
59	GIS Based Evaluation Of Ground Water Potential Zone & Site Suitability For Soil-Water Conservation	2014	Harsh Vardhan Singh	Deepak Khare
60	Restoration Plan Of An Earth Dam: A Case Study	2014	Pritam Chetan Pothal	Deepak Khare
61	Integrated Flood Management In Climate Change Scenario- A Case Study Of Bagmati River Basin	2014	Amrendra Kumar	Deepak Khare
62	Impact of Climate Change on Stream Flow : A case study	2015	Pratibha	Deepak Khare Ashok Khariya
63	Water balance study of canal command area	2015	Suresh	S.K. Mishra Deepak Khare
64	Sustainability Assessment of Rural Water Supply Schemes in Utrakhnad	2015	Lt Col Hemant Joshi	M.L. Kansal Deepak Khare
65	Impact Assessment Of Land Use And Climate Changes On Groundwater In Rushikulya River Basin Of Odisha	2015	Rasmita Kumari Sahu	Deepak Khare
66	Water Availability Improvement Through Canal Lining: A Case Study	2015	Gurmeet Singh	Deepak Khare
67	Estimation Of Seepage Losses In Canal Irrigation System: A Case Study	2015	Kumar Gaurav	Deepak Khare
68	Glacial Lake Identification By Image Processing Software And Listing Of Potentially Dangerous Lakes In A Basin	2015	Lalan Kumar Jha	Deepak Khare
69	Filtration and Sustainability of water Quality in Roof-Top Rainwater Harvesting	2016	Sakshi Gupta	Deepak Khare
70	Environmental Flow assessment in lower reach of Mahanadi Basin and its distributaries.	2016	Sangitarani Sahoo	Deepak Khare
71	Analysis of cloud Burst Events Using Archived Multi-Satellite	2016	Ashish Chaudhary	Deepak Khare

	Precipitation Estimates.			
72	Conjunctive Use of Ground Water and Surface Water – A Case study of Nepal	2016	Bhakta Kumar Lal	Deepak Khare
73	Integrated Water Management in Sunei Medium Irrigation Project in Changing Climate	2016	Satyapriya Behera	Deepak Khare

Under Graduate Projects (Guided)

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At SGSITS Indore

- (1) Determination of Aquifer Parameters Using Computer (A Case Study)
- (2) Ground water withdrawals : An overview of IndoreCity
- (3) Design of Drainage for Storm Water (College Campus)
- (4)** Rainwater Harvesting: An overview of Indore