

CURRICULUM VITAE



1. **Name** : **NIGAM PRAKASH**
2. **Father's Name** : Late Dr. Braj Nandan Prasad
3. **Designation** : Associate Professor
4. **Postal Address** : Department of Civil Engineering
National Institute of Technology
Jamshedpur
5. **Date of Birth** : 31-01-1962
6. **Educational Qualifications** :

Sr. No.	Certificate / Degree	Subject	Year of Passing	Class / Division	Board / Institute / University
1.	Matriculation	Phy, Chem., Math, Hindi, Eng., S.S., Sanskrit	1977	First	BSEB, Patna (Zila School, Muzaffarpur)
2.	I.Sc.	Physics, Chemistry, Math	1979	First	Science College, Patna (Patna University)
3.	B.Sc. Engg. (Civil)	Civil Engg Papers	1985	First	BCE Patna (Patna University)
4.	M.E.	Hydraulics and Water Resources	1988	First	Jadavpur University, Calcutta

7. **Employment (Experience) Detail** :

Sr. No.	Post	Duration		Organisation	Nature of Employment
		From	To		
1.	Research Associate	May 1989	March 1996	Centre for Water Resources Studies, Patna University	Temporary
2.	Lecturer	26 March 1996	25 March 2001	RIT, Jamshedpur	Regular
3.	Lecturer Sr. Scale	26-03-2001	25-03-2006	NIT Jamshedpur	Regular
4.	Lecturer Selection Grade	26-03-2006	25-03-2009	NIT Jamshedpur	Regular
5.	Associate Professor	26-03-2009	Till Date	NIT Jamshedpur	Regular

8. (i) **Research Contribution** :

(a) Publication in Journals/Proceedings :

Sr. No.	Details
1.	Prasad T., Verdhen, A. and Prakash N., 1993, ' Frequency behavior of Peak Flow Occurences in North Bihar Rivers', Proc. Of the 58 th R&D session of the CBIP, Civil Vol. I, Pub.No.233,pp.70-75. Kumar S., Sinha A.K. and Prakash N., 1993, ' Cultural and Water Bonds', Published in Water Nepal, vol. IV, No. 1, pp. 60-66.
2.	Prakash N. and Others, 1994, ' Cooperation for International River Basin Development : Case of the Kosi Basin',Published in International River Basin Development by John Wiley & Sons, pp. 493-502.
3.	Prasad T. and Prakash N., 1995, ' Sediment Transport Characteristics of a River in the Gangetic Alluvial Flood Plains', Published in the Management of Sediments, Philosophy, Aims and Techniques, Oxford & IBH Publishing Co. Pvt. Ltd., pp. 417-427
4.	Kumar Rishabh, Pawan Taneja, Arijit Chakraborty, Prakash Nigam and Prabha Warwade, 2018, 'Evaluation of STPs in Jamshedpur city: design of a 45mld STP and reuse option in Jamshedpur city', Published in International Journal Of Advance Research, Ideas And Innovations In Technology, Vol.4, Issue6, pp. 177-186

(b) M.Tech. Supervision:- 08

LIST of M.Tech. Projects supervised:

(M.Tech. in Water Resources Engineering)

Sr. No.	Name	Title	Year
1.	Sutanu Maiti	Re-Design And Analysis Of Water Distribution Network And Its Optimisation Of Ghorabandha(East Singhbhum) By Watergems Software	2017
2.	Prakash Gupta	Redesigning, Modeling & Optimization Of Water Distribution System Of Uliyan Bhatia Basti (Kadma, Jamshedpur)	2017
3.	Khired Bihari Rana	Use Of Non Feric Alum And Poly Aluminium Chloride In Conventional Water Treatment To Reduce Treatment Cost	2018
4.	Pawanjeet Kumar	Re-Design And Analysis Of Existing Water Distribution Network By Using Watergems Software	2018
5.	Chandra Prakash Shukla	Re-Design And Analysis Of Water Distribution Network And Its Optimization Of Kadma Sonari Area By Watergems Software	2018
6.	Pawan Taneja	Derived Treatment Process For High Effluent BOD Up To Recyclable Quality: Evaluation Of STPs And Reuse Option In Jamshedpur City	2018
7.	Sameer Sourav	Comparison of Runoff During Dry and Rainy Season for SUDANI Basin Using SCS-CN Method	2019
8.	Hamilton Kharbuki	Estimation of Rainfall-Runoff for UMIAM Watershed Using SCS-CN Method and GIS Technique	2019

9. (i) **Seminar / Conference Attended / Papers presented & Published**

Sr. No.	Details
1.	Prasad ,T., Verdhen, A. and Prakash,N., 1990, 'Problems of wasteland in Humid Alluvial Regions', Presented in the workshop on wasteland development, organized by Eastern Regional Centre for Wastelands Development Programme, Jadavpur University, Calcutta.
2.	Prasad ,T.,Verdhen, A. and Prakash, N.,1991, 'Emergence of Wasteland in the Alluvial Plains of North Bihar – A Case Study Investigations', Presented at the workshop on wastelands development, organized by ERCWDP, Jadavpur University, Calcutta and sponsored by National Mission on Wastelands Development, Ministry of Environment and Forests, Govt. of India during 21-22 March 1991.
3.	Prasad T., Verdhen, A. and Prakash N., 1993, ' Frequency behavior of Peak Flow Occurences in North Bihar Rivers', presented at the 58 th R&D session of the CBIP, held at Bangalore,Published in the Proc.of the CBIP, Civil Vol. I, Pub.No.233,pp.70-75.
4.	Kumar S., Sinha A.K. and Prakash N., 1993, ' Cultural and Water Bonds', Presented at the Kathmandu Meeting on Cooperative Development of Himalayan Water Resources, held at Kathmandu during 27-28 Feb 1993, organized by Nepal Water Conservation Foundation and sponsored by US Agency for International Development in Nepal, IDRC and Academy Internationale de l' Environment, Geneva, Published in Water Nepal, vol. IV, No. 1, pp. 60-66.
5.	Prakash N. and Others, 1994, ' Cooperation for International River Basin Development : Case of the Kosi Basin', Presented at the International Conference on Integrated River Basin Development held at Wallingford, England, 13-16 Sept. 1994, Published in the International River Basin Development by John Wiley & Sons, pp. 493-502.
6.	Prasad T. and Prakash N., 1994, Hydroenergy for Sustainable Development of Eastern Indian Region – Problems and Prospects', Presented at the 10 th National Convension of Electrical Engineers, organized by the Bihar State Centre of the Institution of Engineers, held at Patna during 16-18 Sept. 1994, Published in the ProceedingsaOf the Convension, pp. 69-72.
7.	Prasad T. and Prakash N., 1995, ' Sediment Transport Characteristics of a River in the Gangetic Alluvial Flood Plains', A Paper presented at the Sixth International Symposium on River Sedimewntation, New Delhi, 7-11 Nov. 1995,Published in the Management of Sediments, Philosophy, Aims and Techniques, Oxford & IBH Publishing Co. Pvt. Ltd., pp. 417-427
8.	Prakash,N. and Prasad T., 1996,' GIS Applications in Development and Management of Water Resources', Presented at the International Workshop on Approach to Geographic Information System in Developing Countries, organized by GIS Centre, SCADA Computer Centre, Patna during 15-17 February 1996.

(ii)Summer / Winter School / Short Term Courses Attended

Sr. No.	Details	Organizing Institute	Duration	
			From	To
1.	Effective Teaching and Learning	Department of Mechanical Engg, NIT Jamshedpur	10-04-2008	14-04-2008
2.	Human Resources Training: Challenges and Opportunities	Department of Humanities, NIT Jamshedpur	09-02-2008	10-02-2008
3.	Systems Approach for Water Resources Management	NIH, Roorkee	26-06-2006	07-07-2006
4.	Advanced Waste Minimization and Management Technologies	Department of Civil Engg. IIT Kharagpur	20-11-2000	25-11-2000
5.	Water Treatment and Water Quality Analysis	RRL Bhubaneswar	21-02-2000	26-02-2000
6.	Finite Element Method for the Analysis and Design of Dam and underground structures of Water Resources Projects.	CBIP New Delhi	20-07-1998	24-07-1998
7.	Catchment Hydrology-Flood Hydrology and Flood Routing	NIH, Roorkee	27-12-1993	30-12-1997
8.	Remote sensing applications to Water Resources Projects	CSRE, IIT Bombay Sponsored by Ministry of Space , Govt.of India.	21-07-1997	14-08-1997
9.	Non- Conventional Energy Sources and Applications	RIT Jamshedpur	12-05-1997	24-05-1997
10.	Computer Applications in Irrigation Water Management	IIT Madras	04-12-1995	08-12-1995
11.	Theoretical Aspects as well as Computer Aided Techniques for Water Resources Systems Planning	CWRS, Patna University	26-04-1994	07-05-1994
12.	Conjunctive use of Surface and Ground Water	WALMI, Lucknow	08-10-1992	21-10-1992
13.	Modelling of Hydrologic Systems	NIH Roorkee	29-01-1990	09-02-1990

10. Contribution to Institutional Corporate life

Sr. No.	Details
1.	Life member of the Indian Association of Hydrologist
2.	Life member of the Indian Water resources Society

11. Participation in Continuing Education Programme

Sr.No.	Details
1.	Participated in the International Conference on 'Hydrological Perspectives for Sustainable Development' organized at the Department of Hydology, IIT Roorkee during Feb. 23-25, 2005.
2.	Participated in the 23 rd Indian Engineering Congress organized by The Institution of Engineers (India) at NIT Warangal during 11-14 December, 2008

12. Awards Received:

Sr.No.	Details
1.	Best paper award at the 58 th R&D Session of the CBIP held at Bangalore in 1993.

13. Fellowship Received:

Sr.No.	Details
1.	National Rural Talent Search Scholarship

14. International Exposure:

Sr.No.	Details
1.	Visited Kathmandu to attend Kathmandu Meeting on Cooperative Development of Himalayan Water Resources, held at Kathmandu during 27-28 Feb 1993, organized by Nepal Water Conservation Foundation and sponsored by US Agency for International Development in Nepal, IDRC and Academy Internationale de l' Environment, Geneva.

15. Other Academic/Institutional Contribution at NIT Jamshedpur:

Sr.No.	Details
1.	Course coordinator of PTPG of Civil Engg. Dept
2.	University Tabulator for examination of B.Sc. Engg. 1 st year 1999 Annual onward
3.	Asstt. Warden, Hostel-C

4.	Member, Internal Expert Committee.
5.	Tabulator, PTPG Courses (for 80 batch to 92 batch)
6.	Faculty advisor
7.	Incharge of Environmental Lab., Civil Engg. Deptt.
8.	Chairman, DPC
9.	Assistant Warden- Hostel - I
10.	Warden, Hostel-J
11.	P/I, Civil Works
12.	Member- Civil Works Committee, Electrical Works Committee, Housekeeping & Green Campus Committee, Engg. Services Committee, Boundary Wall Execution Committee
13.	Associate Dean, Planning & Development

Date: 31-07-2019

(NIGAM PRAKASH)