

CURRICULUM VITAE

Name	: Dr. Prabir Kumar Maity (PhD in Engg.)
Father Name	: Late Santosh Kumar Maity
Designation	: Principal-in-Charge
Office	: Contai Polytechnic, Govt. of West Bengal
	P.O.: Darua, P.S.: Contai, Dist.: Purba Medinipur
	Pin Code.: 721401, West Bengal, India,
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Date of Birth	: 14.12.1974
Present Address	: Vill: Hatabari, P.O. + P.S.: Contai, Dist.: Purba
	Medinipur, Pin Code: 721401,West Bengal
Permanent Address	: Vill: Hansgeria, P.O.: Khanchi, P.S.: Nandakumar,
	Dist.: Purba Medinipur, Pin Code: 721643,West
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Email ID	: prabirmaity2016@gmail.com
Mobile No.	:9547389323/8250472160 (whatsApp)
Cast	: General
Religion	:Hindu
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Educational	Qualifications:-
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Certificate/ Degree	Year of Passing	Council/ University/ Institute	Field of Study	Points/ Division/ Class	Percentage of Marks/ Cumulative Grade Point Average
Madhyamik	1989	WBBSE	General	1st Class	67.11%
High Secondary	1991	WBBHSE	General	1st Class	68.30%
Bachelor of Civil Engineering (BCE)	1995	Jalpaiguri Govt. Engg. College, North Bengal University	Civil Engineering	1st Class	76.64%
Master of Technology (in Engineering) (M.Tech)	2015 August	Institute of Science and Technology, West Bengal University of Technology, WB	CE-Structural Engineering	1st Class	GDPA ((Degree Grade Point Average) 9.26
Doctor of Philosophy (in Engineering) (PhD)	2019 November	Jadavpur University, Calcutta, India.	Water Resources Engineering	1st Class	

Industry/Teaching Experience

SI. No.	Name of Company/	Position Held	From	То	Work Responsibilities
01	M/S: Abhoy Charan Bakshi & Associates, Kolkata	Site Engineer	01.08.1995	19.07.1998	M/S: Haldia Petrochemical Limited site: Internal Project Road, Culvert and Area Grading work monitoring and execution
02	M/S: Turnkey International Limited, Kolkata	Assistant Engineer	28.07.1996	20.02.1998	M/S: Exide Industries Limited, Haldia site: Pasting & Casting Building Work Construction and Supervision
03	M/S: Tecnimond ICB Limited, Mumbai	Site Engineer	20.07.1998	31.05.1999	M/S: Indian Oil Corporation Limited, Haldia site: DHDS unit Civil work Supervision
04	M/S: Turnkey International Limited, Kolkata	Assistant Engineer	03.06.1999	21.08.2000	M/S: Exide Industries Limited, Haldia site; Effluent Treatment Plant Construction and Supervision
05	M/S: Simplex Projects Limited, Kolkata	Assistant Engineer	22.08.200	12.01.2001	Metro railway Tallygunge to Garia Site: Pile foundation work
06	Contai Polytechnic, Govt. of West Bengal	Lecturer in Civil Engineer (Adhoc/Contract)	08.03.2001	15.10.2007	
07	Contai Polytechnic, Govt. of West Bengal	Lecturer in Civil Engineer (Permanent) by PSC Selection 2006	16.10.2007	04.09.2018	
08	Contai Polytechnic, Govt. of West Bengal	Principal-in-Charge (DDO/HOI)	05.09.2018	Till Date	

Contribution to Teaching:-

	Theoretical	Sessional/Practical
a) Subject/Paper	Reinforced Concrete	• CE Project –I & II
Taught (Diploma	Structures	
Level)		Professional Practice I & II
	 Design of Steel Structures 	
	A. Underseller	Environmental Engg. Lab
	 Hydraulics 	
	Irrigation Engineering	
	Water and Waste Water	
	Engineering	

Industrial Management
 Engineering Mechanics

Training for CAS Benefit, Dr. Prabir Kumar Maity, Principal-in-Charge,

Sl N o	Order No	Order Date	Name of the Training	Name of the Institution	From Date	To Date	Category	Remarks
01	Memo No.:CP/ PF/2008: 656	22.11.2008	Classroom Management	NITTTR Kolkata	24.11.2008	28.11.2008	1 week AICE Refresher Course	Programme Coordinaor, Dr. Habiba Hussain
02	Memo No.:CP/ PF/2011: 502	15.01.2011	Advanced Course on Computer Aided Structural Design	NITTTR Kolkata	17.01.2011	21.01.2011	1 week AICE Refresher Course	Programme Coordinator, Dr. Santanu Bhanja
03	Memo No.:CP/ PF/2012: 12	07.01.2012	Total Quality Management (T.Q.M.) for Polytechnic Teachers	NITTTR Kolkata	09.01.2012	20.01.2012	2 week AICE Refresher Course	Programme Co-ordinator, Dr. Sekhar Chakraborty
04	Memo No.:CP/ PF/2012: 328	18.05.2012	Geotechnical Investigation and Testing	NITTTR Kolkata	21.05.2012	01.06.2012	2 week AICE Refresher Course	Programme Co-ordinator, Dr. Jagat Jyoti Mandal
05	Memo No.:CP/ PF/2014: 719	06.12.2014	Bioremediation of Industrial Wastes for a Greener World	NIT, Durgapur	08.12.2014	12.12.2014	1 week, TEQIP-II	Programme Co-ordinator, Dr. S.Dutta, Dr. S. Chaudhuri and Dr. D. Dutta
06	Memo No.:CP/ PF/2015: 762	16.01.2015	National Workshop on Nano Science & Technology	Bankura Unnayani Institute of Engineering	19.01.2015	23.01.2015	1 week, TEQIP-II	Convener, NWNST, 2015,Shri Bishnupada Dey
07	Memo No.:CP/ PF/2014: 99	15.03.2014	Quality Improvement in Classroom Teaching	NITTTR, Kolkata	17.03.2014	21.03.2014	1 week, AICTE Refresher Course	Programme Co-ordinator, Dr. Habiba Hussain
08	Memo No.:CP/ PF/2014: 102	22.03.2014	Non-Destructive and Semi Destructive Testing of Reinforced Structures	NITTTR, Kolkata	24.03.2014	28.03.2014	1 week, AICTE Refresher Course	Programme Co-ordinator, Dr. Santanu Bhanja
09	Memo No.:CP/ PF/2014: 431	30.08.2014	Information Management using Office Tools and Internet	NITTTR, Kolkata	01.09.2014	12.09.2014	2 week, AICTE Refresher Course	Programme Co-ordinator, Shri Rajeev Chatterjee
10	Memo No.:CP/ PF/2015: 767	24.01.2015	Design and Development of Content of E-Learning	NITTTR, Kolkata	27.01.2015	06.02.2015	2 week, AICTE Refresher Course	Programme Co- ordinator, Shri Rajeev Chatterjee
11	Memo No.:CP/ PF/2015: 828	13.02.2015	Mathematics for Engineering Education	IIT, Guwahati	16.02.2015	20.02.2015	1 week, TEQIP National Course	Programme Co-ordinator, Prof. Dr. <u>M. Guru Prem</u> <u>Prasad</u>
12	Memo No.:CP/ PF/2015: 933	11.04.2015	Technologies in Bio- energy and Environment Sustainability (TBES- 2015)	NIT, Durgapur	13.04.2015	17.04.2015	1 week, TEQIP-II	Course Co-ordinators Prof. Apurba Dey, Dr. Kaustav Aikat and Dr. Sufia K. Kazy
13	Memo No.:CP/ PF/2017: 119	11.03.2017	Advanced Data Mining for Big Data Analysis	RCC Institute of Information Technology,	14.03.2017	18.03.2017	1 week, TEQIP-II	Course Co-ordinators Shri Pramit Ghosh, Shri Koushik Mallick, Dr. Anup Kumar Kolya and

				Kolkata				Dr. Minakshi Banerjee
14	Memo No.:CP/ PF/2017: 338	26.08. 2017	Instrumental Technique of Air and Water Quality Analysis	NITTTR, Kolkata	28.08.2017	08.09.2017	2 week, AICTE Refresher Course	Programme Co-ordinator, <u>Dr. Sailendra Nath</u> <u>Mandal</u>
15	Memo No.:CP/ PF/2017: 450	04.12.2017	Recent Advances in Microfluidics : Development, Application & Analysis (RAMDAA 2017)	NIT, Durgapur	06.12.2017	10.12.2017	l week, TEQIP-III	Course Co-ordinators Dr. Rabindra Nath Barman, Dr. S. C. Rana & Dr. Shantanu Pramanik, Assistant Professor Mechanical Engineering Deptt.
16	Memo No.: CP/Noti ce/23	09.03. 2018	NBA Accreditation	NITTTR, Kolkata, venue at Contai Polytechnic	11.03.2018	15.03.2018	1 week AICTE Refresher Course	Programme Co-ordinator, Dr. Rayapati Subba Rao
17	Memo No.: CP/PF/2 020:	23.02.2020	Principals Leadership Training ; Venue: The Calcutta Technical School	British Council	25.02.2020	28.02.2020	4 Days	British Council Division British Deputy High Commission
18	Memo No.: CP/PF/2 020: 155A	16.05. 2020	Problem Based Learning	NITTTR, Kolkata	18.05.2020	29.05.2020	2 week, ICT Mode , AICTE Refresher Course	Programme Co-ordinator, Dr. Indrajit Saha, Dr. Kinsuk Giri, Dr. Sagarika Pal & Dr. Arpan Kr. Mondal
19	Memo No.: CP/PF/2 020:156 A	06.06. 2020	Purification of Drinking Water and Health	NITTTR, Kolkata	08.06.2020	12.06.2020	1 week, ICT Mode, AICTE Refresher Course	Programme Co-ordinator, Dr. Sailendra Nath Mandal
20	Memo No.: CP/PF/2 020:163 A	20.06. 2020	Probability and Statistics	NITTTR, Kolkata	22.06.2020	02.07.2020	2 week, ICT Mode , AICTE Refresher Course	Programme Co-ordinator, Dr. Chandan Chakraborty
21	Memo No.: CP/PF/2 020:174 A	18.07. 2020	Library Management	NITTTR, Kolkata	20.07.2020	24.07.2020	1 week, ICT Mode, AICTE Refresher Course	Programme Co-ordinator, <u>Dr.Uday Chand Kumar</u>
22	Memo No.: CP/PF/2 020:185 A	08.08.2020	Construction Management	NITTTR, Kolkata	10.08.2020	14.08.2020	1 week, ICT Mode, AICTE Refresher Course	Programme Co-ordinator, <u>Dr.Uday Chand Kumar</u>
23	Memo No.: CP/PF/2 020:200 A	05.09.2020	Rural Development and Role of Technical Institution	NITTTR, Kolkata	07.09.2020	11.09.2020	l week, ICT Mode, AICTE Refresher Course	Programme Co-ordinator, <u>Dr.Uday Chand Kumar</u>
24	Memo No.: CP/PF/2 021:391 A	18.11.2021	Rural Development through CDTP / PWD / UBA Scheme	NITTTR, Kolkata	22.11.2021	26.11.2021	1 week, ICT Mode, AICTE Refresher Course	Programme Co-ordinator, Dr.Uday Chand Kumar
25	Memo No.: CP/PF/2 021:435 A	11.12.2021	Laboratory Practice on Civil Engineering Materials – Concrete	NITTTR, Kolkata	13.12.2021	17.12.2021	1 week, ICT Mode, AICTE Refresher Course	Programme Co-ordinator, <u>Dr.Uday Chand Kumar</u>
26	Memo No.: CP/PF/2 022:21	15.01.2022	Environmental Pollution: Laboratory and Testing	NITTTR, Kolkata	17.01.2022	28.01.2022	2 week, ICT Mode , AICTE Refresher Course	Programme Co-ordinator, <u>Dr. Sailendra Nath</u> <u>Mandal</u>

SI.	Name of Company/	Position Held	From	То	Work Responsibilities
No.					
01	Contai Polytechnic, Govt. of West Bengal	Head of the Department Civil Engineering (HOD)	01.07.2004	30.06.2006	
02	Contai Polytechnic, Govt. of West Bengal	AICTE MODROBS Project Chief Coordinator	24.09.2005	24.08.2006	Project No.: 8023/RID/MOD/221/04/05, dated 24.03.2005
03	Contai Polytechnic, Govt. of West Bengal	Training Placement Officer (TOP)	01.04.2007	30.06.2008	
04	Contai Polytechnic, Govt. of West Bengal	Head of the Department Civil Engineering (HOD)	22.02.2012	30.06.2014	
05	Contai Polytechnic, Govt. of West Bengal	Principal-in-Charge (DDO/HOI)	05.09.2018	Till Date	

ADMINISTRATIVE EXPERIENCE

Directorate of Technical Education & Training, Govt. of West Bengal; Committee:

Sl. No.	Name of work	DTET ORDER	Work Responsibilities
01	Rain Water Harvesting in Government & Government- Sponsored Polytechnic	Memo. No.: 647-TET, Dated 23.12.2020	Prepare a preliminary project report PPR for Rain Water Harvesting in Polytechnic as per stipulated by AICTE APH 2020-2021

Inspection/Affiliation

SI. No.	Name of ITI	Date of Inspection	Post	Remarks
1	AEON Private ITI, Nandigram Purba Medinipur, West Bengal	20.04.2019	Inspector	
2	Daisai AG Church I.T.I College, Contai, Purba Medinipur, West Bengal	25.04.2019	Inspector	
3	Moyna Private ITI, Purba Medinipur, West Bengal	08.12.2020	Inspector	

LIST OF AUTHOR'S PUBLICATIONS Journal :

- Maity, P.K., Das, S., Das, R. (2020)."Geochemical Study and Remedial Measures of Seawater Ingression in the Southern Part of Purba Midnapur District in West Bengal" Journal Indian Science Cruiser, Published by Institute of Science, Education and Culture (ISEC) (ISSN: 0970-4256), Vol.34,No. 2, pp. 36-46, March 2020.
- Chakraborty, S., J. Bernadette and Das, S., Maity, P.K. (2020). "Examining the Extent of Seawater Intrusion from Groundwater Quality Analysis at Purba Medinipur Coast of India". Journal of the Indian Chemical Society, Vol. 97, April 2020, pp. 1-8 Issue 4, WoS, Scopus and UGC indexed.
- Chakraborty, S., Maity, P.K. J. Bernadette and Das, S. (2020). "Overexploitation of Groundwater Causing Seawater Intrusion in the Coastal Aquifer of Egra in West Bengal. Indian Journal of Environmental Protection, Vol. 40, No. 4, pp, 413-423. Scopus and UGC indexed.
- 4) Chakraborty, S., Maity, P.K. and Das, S. (2019). "Investigation, simulation, identification and prediction of groundwater levels in coastal areas of Purba Midnapur, India using MODFLOW". Environment, Development and Sustainability, Springer Netherlands, published online. DOI: 10.1007/s10668-019-00344-1. WoS, Scopus and UGC indexed.
- Maity, P.K., Das, S. and Das, R. (2018). "Remedial Measures for Saline Water Ingression in Coastal Aquifers of South West Bengal in India". MOJ Ecology & Environmental Science, Vol. 3, Issue 1, pp. 00061. DOI: 10.15406/mojes.2018.03.00061.
- 6) Maity, P.K., Das, S. and Das, R. (2018). "A geochemical investigation and control management of saline water intrusion in the coastal aquifer of Purba Midnapur district in West Bengal, India". Journal of the Indian Chemical Society, Vol. 95, Issue 3, pp. 205-210. WoS, Scopus and UGC indexed.
- 7) Maity, P.K., Das, S. and Das, R. (2017). "Methodology for Groundwater Extraction in the Coastal Aquifers of Purba Midnapur District of West Bengal in India under the Constraint of Saline Water Intrusion". Asian Journal of Water, Environment Pollution, Vol. 14, No. 2, pp. 1-12. DOI: 10.3233/AJW-170011. WoS, Scopus and UGC indexed.
- Maity, P.K., Das, S. and Das, R. (2017). "Assessment of Groundwater Quality and Saline Water Intrusion in the Coastal Aquifers of Purba Midnapur District, West Bengal, India". Indian Journal of Environmental Protection, Vol. 37, No. 1, pp, 31-40. Scopus and UGC indexed.
- 9) Basack, S., Bhattacharya, A.K. and Maity, P. (2014) "A coastal groundwater management model with Indian case study" the Journal, Water Management, Proceedings of the Institution of Civil Engineers, United

Kingdom, Vol. 167, Issue WM3, March, 2014. Pages 126-140. Paper 1200008. http://dx.doi.org/10.1680/wama.12.00008.

- Bhattacharya, A.K., Basack, S., and Maity, P. (2014)"Significance of hydro-geological and hydro-chemical Analysis in the evaluation of coastal groundwater resources in eastern India" the IOSR Journal of Engineering, Vol. 4, Issue 2 (Part 2), February, 2014, Pages 40-51.
- Bhattacharya, A.K., Basack, S., and Maity, P. (2012). "An Innovative Methodology for Groundwater Management with Reference to Saline Water Intrusion", *the Journal of Engineering IOSRJEN*, ISSN: 2250-3021, Vol. 02, Issue 06(Part 1), June, 2012, pages 1473-1486.
- 12) Basack, S., Bhattacharya, A.K., Sahana, C., and Maity, P. (2010). "A Study on Saline Water Intrusion and Fresh Water Recharge relevant to Coastal Environment", WSEAS Transaction on Fluids Mechanics (ISSN: 1790-5087) Including in ISI/SSI Web of Science and Web of Knowledge, issue 3, Volume 5, July 2010, pages 80-90, [www.wseas.org].
- Bhattacharya, A.K., Basack, S., and Maity, P. (2010). "Saline Water Intrusion in Bhadrak and Balasore Districts of Orissa, India", *the Journal of River Research Institute West Bengal*, ISSN: 0970-9258, Vol. 30, 2009-2010, pages 31-39.
- 14) Bhattacharya, A.K., Basack, S., and Maity, P.(2010). "Groundwater Extraction in Coastal Arid Regions-A Design Methodology using Qanats", *the Electronic Journal of IETECH Journal of Civil and Structures*, Vol.3, No.:1, pages 017-020, [www.ietech.org].
- 15) Bhattacharya, A.K., Basack, S., and Maity, P.(2008). "Saline Water Intrusion in Bhadrak and Balasore Districts of Orissa, India", *the Electronic Journal of Geotechnical Engineering*, Vol. 13, 2008 –Bundle L, ejge paper 2008-0869.
- 16) Bhattacharya, A.K., Basack, S., Maity, P., Paira, L.K., Sarkar, S and Maji, S.C.,(2004). "Hydrogeology of the Bay of Bengal Coast of India With Special Emphasis on Saline Water Intrusion", *the Electronic Journal of Geotechnical Engineering*, Volume 9, 2004 –Bundle F, ejge paper 2004-0477.
- 17) Bhattacharya, A.K., Basack, S., Maity, P., Paira, L.K.,(2004). "Geological Controls on Saline Water Intrusion into the Aquifers of the East Coast of India", *the Journal of Environmental Hydrology*, Vol. 12, Paper 21, November, 2004. pages 1-8. {This paper has been cited in CSA Illumina in 2005}

18) Bhattacharya, A.K., Basack, S., and Maity, P. (2004) "Groundwater Extraction in the United Arab Emirates Under the Constraint of Saline Water Intrusion" *the Journal of Environmental Hydrology*, Vol. 12, Paper 6, No.6, April, 2004. pages 1-5.

List of Presentation in National/International/Conferences/ Workshops:

- Chakraborty, S., J. Bernadette and Das, S., Maity, P.K. (2019). "Examining the Extent of Seawater Intrusion from Groundwater Quality Analysis at Purba Medinipur Coast of India". *has been presented at,* and published in the Proceedings of the 2nd National Conference on Sustainable Advanced Technologies for Environmental Management (SATEM-2019), at Indian Institute of Engineering Science and Technology, Shibpur.
- 2) Maity, P.K., Das, S., Das, R. (2018)."Geochemical Study and Remedial Measures of Seawater Ingression in the Southern Part of Purba Midnapur District in West Bengal"has been presented at, and published in the Proceedings of the 1st International Conference on Emerging Trends in Engineering and Science (ETES 2018) at Asansol Engineering College.
- 3) Maity, P.K., Das, S., Das, R. (2017). "A Geochemical Investigation and Control Management of Saline Water Intrusion in the Coastal Aquifer of Purba Midnapur District in West Bengal, India" has been presented at, and published in the Proceedings of the National Conference on Sustainable Advanced Technologies for Environmental Management (SATEM-2017), at Indian Institute of Engineering Science and Technology, Shibpur.
- 4) Basack, S., Bhattacharya, A.K., Maity, P.,(2014)A control methodology for saline water intrusion adopted in coastal aquifer of West Bengal, India" has been presented at, and published in the Proceedings of, the National Seminar on 'Geotechnique Today – Prediction, Modelling and Construction', 28 February-1 March, 2014, Kolkata. Pages 47-52.
- 5) Basack, S., Bhattacharya, A.K., Maity, P.,(2013) "Analysis and control of saline water intrusion into a coastal aquifer in West Bengal, India" has been presented at, and published in the Proceedings of, the Indian Geotechnical Conference, 22-24 December, 2013, Roorkee. Paper No. 98.
- 6) Bhattacharya, A.K., Basack, S., and Maity, P.,(2012)." An Innovative Methodology for Groundwater Management with Reference to Saline Water Intrusion" has been presented in fifth International Groundwater Conference IGWC-2012, Aurangabad, India, 18-21, December, 2012.
- 7) Basack, S., Bhattacharya, A.K., Maity, P.,(2012). "Hydrogeological Investigation on Saline Water Intrusion into a Coastal Aquifer of West Bengal, India", *has been presented at, and published in the*

Proceedings of the Indian Geotechnical Conference, IGC 13-15 December, 2012, Indian Institute of Technology Delhi.

- 8) Bhattacharya, A.K., Basack, S., and Maity, P., and Sahana, C.,(2008). "Saline Water Intrusion in Coastal Aquifers of Bhadrak and Balasore Districts of Orissa, India" has been presented at, and published in the Proceedings of, the Fifteenth West Bengal State Congress of Science and Technology, 28-29 February, 2008, Bengal Engineering and Science University, Shibpur, Howrah.
- 9) Maity, P.,Bhattacharya, A.K., and Basack, S.,(2007). "A Hydrological and Hydrochemical Study of the Deltaic Aquifer Existing in Haldia,West Bengal, India" has been presented at, and published in the Proceedings of, the National Seminar on Agriculture Development and Rural Drinking Water, 4-5 April, 2007, Bhopal. Vol. I, pages 29-31.
- 10) Basack, S., Bhattacharya, A.K., Paira, L.K., Maity, P.,(2006). "A case study on treatment of expansive soil with sand under a rural road construction project", *has been presented at, and published in the Proceedings of the Indian Geotechnical Conference*, 16-18 December, 2006, Indian Institute of Technology Madras, Chennai. Pages 321-323.
- 11) Bhattacharya, A.K., Basack, S., and Maity, P.(2006), "Alteration of Hydraulic Conductivity of Sand Due to Submergence Under Saline Water" *has been presented at, and published in the Proceedings of, the Indian Geotechnical Conference*, 16-18 December, 2006, Indian Institute of Technology Madras, Chennai. Pages 843-844.
- 12) Bhattacharya, A.K., Basack, S., Maity, P., Sarkar, S., (2005). "A Case Study of Geohydraulic Characteristics in Coastal Aquifers of Purba Midnapur, West Bengal, India", *has been presented at, and published in the Proceedings of, the Indian Geotechnical Conference*, 17-19 December, 2005, Ahmedabad. Pages 315-318.
- 13) Bhattacharya, A.K., Basack, S., and Maity, P.(2004)."A Feasible Method of Groundwater Extraction in the United Arab Emirates and Qatar", *has been presented at, and published in the Proceedings of, the International Conference on Water Resources – Flood Control, Irrigation, Drinking Water, Waterways, Electric Power and Transmission System,* 3-4 February, 2004, New Delhi. Pages 170-175.
- 14) Bhattacharya, A.K., Basack, S., Maity, P., Banerjee, S.,(2003). "Inter-Basin Transfer of Water in India" by P.Basu, A.K.Bhattacharya, S.Basack, *has been presented at, and published in the Proceedings of, the International Conference on Water and Environment: Planning, Development, Utilisation, Conservation and Management*, 15-18 December, 2003, Bhopal. Vol. 5, pages 524 527.

Place: Contai Polytechnic, Contai, West Bengal



Dr. Prabir Kumar Maity