



We Think Quality

SATCON

(ISO 9001-2008 Certified)

CURRICULUM VITAE – Samir Kumar Deb

Sl. No.	Particulars	Details			
1.	PROPOSED POSITION:	Lead Engineer – Electrical			
2.	NAME OF FIRM:	SATCON			
3.	NAME OF STAFF:	Samir Kumar Deb			
4.	DATE OF BIRTH:	20.08.1948	Nationality:	Indian	
5.	EDUCATION:	BEE (JU-India), 1975			
6.	MEMBERSHIP IN PROFESSIONAL SOCIETIES:	FIE (India)			
7.	OTHER TRAINING:	Nil			
8.	COUNTRIES OF WORK EXPERIENCE:	India			
9.	LANGUAGES:	Language	Speak	Read	Write
		English	Excellent	Excellent	Excellent
		Hindi	Excellent	Excellent	Excellent
		Bengali	Excellent	Excellent	Excellent
10.	EMPLOYMENT RECORD:	<p>Operation and maintenance of EHV Substations & Transmission Lines in WBSETCL a Public Utility Company –32 Years.</p> <p>Engineering consultancy Job for designing of EHV Substations up to 400KV System in SATCON (present Organization) - 9 Years.</p>			
11.	JOB EXPERIENCE :				
11.1	West Bengal State Transmission Co. Ltd.	Operation, maintenance & renovation of 400kV, 220kV & 132kV Overhead Transmission Lines and substations in various regions of			



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	(WBSETCL), formerly WBSEB	West Bengal, India as Additional Chief Engineer (Transmission). Some important Transmission Projects are: <ul style="list-style-type: none"> - 400kV Jeerat-STPS, - 400kV Kolaghat- Durgapur, - 220 kV Kasba-Jeerat, - 220 kV Arambagh- Midnapur, - 132kV Salt Lake-Kasba, - 132kV Howrah-Liluah etc. 	
11.2	SATCON		
	DETAILED TASKS ASSIGNED		
		Detail Engineering for construction of green field as well as extension of EHV Substation and Transmission Lines (upto 400kV) in India & Abroad: Preparation of DBR, Plot plan, Key SLD, Swtichyard Layout plan and elevation, equipment layout of control building, cable tray and trench layout, lightning and grounding protection including calculations, P&M SLD, LV Panel SLD, design calculations, SCADA, PLCC drawings, I/O list, power and control cable schedule etc.	
12.	WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:	Name of assignment or project:	Design & engineering services for 132 / 33 KV, 2 X 62.5 MVA Main receiving station (MRS) for 1 MPTA bar mill and 0.6 MPTA wire rod mill of Jindal Steel and Power Limited (JSPL) at Patratu, Jharkhand
A.	132/33kV, 2x62.5MVA Outdoor substation in Jharkhand, India	Year:	2008
		Location:	Jharkhand, India
		Client:	Jindal Steel and Power Limited (JSPL)
		Main project features:	Construction of new 132/33Kv AIS Substation.
		Position held:	Sr. Engineer
		Activities performed:	Complete Engineering and design of 132 / 33 KV, 2 X 62.5 MVA Transformer bays at main receiving station. Activities performed under SATCON deputed by Siemens Ltd.



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B.	WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED (Contd.) 132/33kV GIS substation in Jharkhand, India	Name of assignment or project:	Detail engineering services for 4.0 MTPA-Noamundi and Joda Mines expansion project.
		Year:	2010
		Location:	India
		Client:	TATA STEEL LIMITED
		Main project features:	Construction of new 132/33KV GIS Substation.
		Position held:	Sr. Engineer
		Activities performed:	Complete Engineering and design of the project performed under SATCON deputed by TCE.
C.	400kV Outdoor substation of PGCIL in Punjab, India	Name of assignment or project:	Detail engineering for 1x400kV Bus reactor bay extension of PGCIL in Amritsar, Hissar, Nalagarh and Jalandhar 400kV Substations
		Year:	2011
		Location:	Punjab, India
		Client:	Power Grid Corporation of India Ltd.
		Main project features:	Construction of 400kV Bus reactor bay extension at four different Substations.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of 400kv bus reactor bays at Amritsar, Hissar, Nalagarh and Jalandhar Substations. Activities performed under SATCON deputed by Sterling & Wilson Ltd., Kolkata
D.	132/33kV Outdoor substation in Tripura, India	Name of assignment or project:	Design & engineering services for 132/33kV AIS substation at Suryamaninagar of Tripura State Electricity Co. Ltd.
		Year:	2011
		Location:	Tripura, India



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	WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED (Contd.)	Client:	Tripura State Electricity Co. Ltd.
		Main project features:	Construction of new 132/33Kv AIS Substation.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Areva T&D India Ltd., Kolkata
E.	400/220/132/33kV Outdoor substations in West Bengal, India	Name of assignment or project:	Basic and detail engineering for 400/220/132/33kV new substations at Howrah Foundry park, Arambagh, Jeerat & Lakhmikantapur
		Year:	2011
		Location:	West Bengal, India
		Client:	WBSETCL
		Main project features:	Construction of new 220/132/33kV substation
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON deputed by Siemens Ltd., Kolkata
F.	220/132/33kV Outdoor substation in Jharkhand, India	Name of assignment or project:	Complete design & engineering (electrical, civil, structural, SAS, PLCC) services including survey and geotechnical investigation, procurement assistance, drawing review for 220/132/33kV AIS grid station at Chatra, Jharkhand & 132/33kV AIS grid station at Tamar, Jharkhand.
		Year:	2013
		Location:	Jharkhand, India
		Client:	JUSNL
		Main project features:	Construction of new 220/132/33Kv AIS



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			Substation & 132/33KV AIS Substation.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Flowmore Ltd., Ranchi.
G.	WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED (Contd.) 132/33kV GIS substation in Jharkhand, India	Name of assignment or project:	Detail engineering services for 132/33kV GIS Substation at SAIL, Bokaro, Jharkhand
		Year:	2015
		Location:	Jharkhand, India
		Client:	Steel Authority Of India Ltd (SAIL)
		Main project features:	Construction of new 132/33kV GIS Substation and 132kV LILLO Transmission lines.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Sterling & Wilson Ltd., Kolkata.
H.	220/20kV and 110/20kV Outdoor substations in Afghanistan	Name of assignment or project:	Complete design & engineering (electrical, civil, structural, SAS, Fire Alarm) services including procurement assistance, drawing review for 220/22KV Substation at Pule Alam and 110/22kV Substations at Maiwand & Pushmol, Afghanistan.
		Year:	2014
		Location:	Kabul & Logar Provinces and Kandahar Provinces, Afghanistan
		Client:	US Army Corps of Engineers.
		Main project features:	Construction of new 220/22KV AIS Substation & 110/22Kv AIS Substation.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Assist Consultants Inc.



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I.	<p>WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED (Contd.)</p> <p>132/33kV GIS substation in Orissa, India</p>	Name of assignment or project:	Complete design & engineering for P&M SLD, Earthing, EKD, Cable trench layout, Control and Power cable schedule for 2x20MVA ,132/33kV Substations at Tusura & Ghens in the state of Odisha, India.
		Year:	2015
		Location:	Odisha, India
		Client:	Odisha Power Transmission Corporation Limited
		Main project features:	Construction of 2x20MVA ,132/33kV Substations.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Bajaj Electricals Ltd., India.
J.	<p>220/132/33kV Outdoor substation in Jharkhand, India</p>	Name of assignment or project:	Complete design & engineering (electrical, civil, structural) services for 220/132/33kV AIS grid station at Jainamore (Bokaro), Jharkhand.
		Year:	2016
		Location:	Jharkhand, India
		Client:	JUSNL
		Main project features:	Construction of 220/132/33kV AIS grid station.
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Technofab Engineering Ltd, Faridabad, India.
K.	<p>220/132/33kV GIS substation in West Bengal, India</p>	Name of assignment or project:	Complete design & engineering (electrical, civil, structural) services for 220/132/33kV GIS grid station at Sagardighi, West Bengal.
		Year:	2016-17
		Location:	West Bengal, India
		Client:	Godrej & Boyce Mfg. Co. Ltd. / WBSETCL



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		Main project features:	Construction of 220/132/33kV GIS grid station of WBSETCL
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Godrej & Boyce, Mumbai.
L.	132/33kV GIS substation of WBSETCL in West Bengal, India	Name of assignment or project:	Complete design & engineering (electrical, civil, structural) services for 132/33kV GIS grid station at Debra, West Bengal.
		Year:	2017-18
		Location:	West Bengal, India
		Client:	Bajaj Electricals Ltd. / WBSETCL
		Main project features:	Construction of 132/33kV GIS grid station of WBSETCL
		Position held:	Sr. Consultant
		Activities performed:	Complete Engineering and design of the project performed under SATCON, deputed by Bajaj Electricals Ltd., Mumbai.