

Curriculum Vitae



Bhavinkumar D. Kanani			
1	NAME OF FIRM	Darshan University (earlier known as Darshan Institute of Engineering & Technology) - Rajkot	
2	DESIGNATION	CEO (Energy Management Cell) and Assistant Professor (Elect. Engg. Dept.)	
3	DATE OF BIRTH	October 28, 1984	
4	NATIONALITY	Indian	
5	EDUCATION	College/ University	Degree Obtained
		Gujarat Technological University, Ahmedabad	Ph.D. (Renewable Energy domain)
		Nirma University, Ahmedabad	M. Tech (Electrical Engineering) (First Class)
		Saurashtra University, Rajkot	B. E. (Electrical Engineering) (First Distinction)
6	SPECIAL ASSOCIATION	a) Certified Energy Manager by Bureau of Energy Efficiency, Ministry of Power, Govt. of India (EA-19438) b) External Faculty of PCRA (Petroleum Conservation Research Association), Ministry of Petroleum and Natural Gas, appointed for chartered activities (October-2018) c) Chartered Engineer (C.Eng.) approved by Institution of Engineers India (March-2018) d) Approved Valuer by Institution of Valuers, India (June-2018) e) Electrical Supervisor approved by Govt. of Gujarat (June-2012) f) Registered Energy Auditor with Energy Management Group of National Productivity Council, Ministry of Commerce & Industry, GoI (Dec-2020)	
7	MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS	a) Life Member of Indian Society for Technical Education (ISTE) (LM-85479) (2012) b) Life Member of Institution of Engineers India (IEI) (M-160587-3) (March-2018) c) Life Member of Institution of Valuers (IOV) (A-28030) (June-2018) d) Member of British Council Library (August-2018) e) Senior Member of The Asia Society of Researchers, Hongkong (ASR) (R-219031202) (March-2019) f) Member of International Association of Engineers (IAENG) (238652) (April-2019) g) Associated Member of The Institute of Research Engineers and Doctors, New York (IRED) (AM-101000583787) (May-2019) h) Life Member of Scientific and Technical Research Association (STRA), Eurasia Research (STRA-M19602) (May-2019) i) Member of Consulting Engineers Association of India (CEA) (M-677) (June-2019) j) Member of International Economics Development and Research Center, Hongkong (IEDRC) (90081354) (June-2019) k) Professional Member of Institute for Engineering Research and Publication (IFERP) (PM7006962) (June-2019) l) Member of Science and Engineering Institute, USA (SCIEI) (20190627002) (June-2019) m) Life Member of Centre for Education Growth and Research (CEGR) (LT958) (April-2019) n) Life Member of The Indian Science Congress Association (ISCA) in Engineering Science division (L37992) (Aug-2019) o) Life Member of Vigyan Bharati (VIBHA) (Nov-2020) p) Life Member of India Academic Researchers Association (IARA) (519/2020) (Nov-2020) q) Life Member of International Institute of Organized Research (I2OR) (I2OR/2020/A-0260) (Dec-2020)	

		r) Associate Member of International Society of Development and Sustainability (ISDS) (July 2021)			
8	LANGUAGES		<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
		English	Good	Good	Good
		Hindi	Good	Good	Good
		Gujarati	Good	Good	Good
9	EMPLOYMENT RECORD				
	From: 14/07/2011 to till date Employer: Darshan Institute of Engineering and Technology, Rajkot (DIET) Position held: Assistant Professor Also Work as a CEO of Energy Management Cell, (Darshan Institute of Engineering and Technology) since January 2019.				
	From: 24/07/2010 to 12/07/2011 Employer: V. V. P. Engineering College, Rajkot Position held: Assistant Professor				
	From: 03/07/2008 to 22/07/2010 Employer: Reliance Industries Ltd. Position held: Field Operation and Panel Engineer (In Combined-Cycle Co-Generation Captive Power Plant, Involved in Commissioning activities of Captive Power Plant)				
10	AWARDS and ACHIEVEMENTS				
	Received “ Shiksha Gaurav Puraskar 2020 Award ” from CEGR, Delhi in Recognition for the continuing efforts towards excellence in education (December 2020).				
	Received “ Young Faculty 2020 Award ” from CEGR, Delhi in Recognition for the continuing efforts towards excellence in education (December 2020).				
	Nominated for “ IRSD Preeminent Educator Award 2020 ” by Green ThinkerZ, in association with Western Sydney University, Australia and Wakelet – Manchester, UK as a tribute to outstanding accomplishments in continuing efforts towards excellence in education (December 2020).				
	Nominated for “ Distinguished Educator Award 2020 ” at International Business and Academic Excellence Awards (IBAE) 2020 – AN initiative by GISR foundation to honor and acknowledge extraordinary talents from all walks of life. (December 2020).				
	Nominated for “ AWARD FOR EXCELLENCE 2020 ” by ESN Publications, Chennai as a tribute to outstanding accomplishments in continuing efforts towards excellence in education (December 2020).				
	Nominated for “ BEST SENIOR FACULTY AWARD 2020 – 2021 ” by Novel Research Academy, Pondicherry in Recognition for the continuing efforts towards excellence in education (November 2020).				
	Received “ Shiksha Bharati Award ” from Indian Achiever’s Forum, Delhi in Recognition for the continuing efforts towards excellence in education (November 2020).				
	Received “ I2OR National Eminent Educator Award 2020 ” from International Institute of Organized Research (I2OR), an organized research platform, Chandigarh in Recognition for the continuing efforts towards excellence in education (November 2020).				

	Received “ Top 100 International Distinguished Educators Award 2020 ” from Green Thinkerz Society, Punjab in Recognition for the continuing efforts towards excellence in education (November 2020).
	Received “ Pedagogical Innovation Award 2019 ” from GTU Innovation Council by Gujarat Technological University Innovation & Startup Centre (GISC) in Recognition for the continuing efforts towards GTU innovation council in various layers by State Government of Gujarat (February 2019).
	Received “ Certificate of Appreciation ” for mentoring as an academic mentor in Gujarat Industrial Hackathon 2019” by Student Start-up Innovation Policy (SSIP) and Gujarat Knowledge Society (GKS) held at Pandit Dindayal Petroleum University (PDPU), Gandhinagar during April 6th-7th, 2019.
	Received Certificates from Schneider Electric Energy University for following online courses (2014): <ul style="list-style-type: none"> a) Energy Audits b) Making Permanent Savings through Active Energy Efficiency c) Waste Heat Recovery d) Energy Efficiency Fundamentals e) Power Factor and Harmonics f) Energy Sources and Trends
	Appointed as an “ Editorial Board Member ” in Texila International Journal of Management journal.
	Appointed as an “ Editorial Board Member ” in Lattice Science Publication and its journals for year 2020-21.
	Appointed as an “ Editorial Board Member ” in Blue Eyes Intelligence Engineering and Sciences Publication and its journals for year 2020-21.
	Appointed as an “ Editorial Board Member ” in various journals by “Research Culture Society” for the duration 2020 – 2025.
	Selected as Reviewer in “Scientific and Technical Research Association (STRA)” by Eurasia Research organization.
	Elected as an Executive Committee to for Electrical Engineering Division, Saurashtra Local Centre, The Institution of Engineers (India) for the session 2018-19 & 2019-20.
	Invited as an Expert Member in a Board of Study (BOS) meeting to review the syllabus content and teaching-learning philosophy by Faculty of Technology, R. K. University, Rajkot on March 30, 2019.
	Appointed as an Expert Member in a Board of Study (BOS) to review the syllabus content and teaching-learning philosophy by School of Engineering, Darshan University, Rajkot on August, 2021.
11	AREA OF INTEREST
	Energy Conservation and Energy Management System (EMS), Waste heat recovery, Power-Quality, Electrical Measurements, Power-Electronics, Electrical Machines and Drives, Solar PV System, Awareness Training Programs for Industries, Educational Institutes and Society.
12	RESEARCH EXPERIENCE
	Selected and Attended “ Summer Faculty Research Fellow Programme-2016 ” during May 18 th to July 15 th 2016 at Centre for Energy Studies, Indian Institute of Technology, New Delhi under the mentorship of Dr. Dibakar Rakshit.
13	RESEARCH PAPER PUBLICATIONS
	<i>International Conferences:</i>

	Presented a Paper on " <i>Design, Simulation, Implementation & Control of digital self-compensating method for integral cycle power control for RL Load</i> " in International Conference (ICISSET-2011) held at V.V.P. Engg. College, Rajkot during 8 th & 9 th April, 2011. ISBN: 978-81-906377-5-6
	Presented a Paper on " <i>Harmonic Phase Shifter for a three phase system with voltage control by integral cycle triggering mode of thyristors</i> " in International Conference (ICISSET-2011) held at V.V.P. Engg. College, Rajkot during 8 th & 9 th April, 2011. ISBN: 978-81-906377-5-6
	Presented a Paper on " <i>Speed control of Switched Reluctance Motor using Embedded Controller P89V51RDZ13N</i> " in International Conference (ICISSET-2011) held at V.V.P. Engg. College, Rajkot during 8 th & 9 th April, 2011. ISBN: 978-81-906377-5-6
	Presented a Paper on " <i>Induction Motor's Health Diagnosis based on Vibration analysis using one chip transducer</i> " in International Conference (ICISSET-2011) held at V.V.P. Engg. College, Rajkot during 8 th & 9 th April, 2011. ISBN: 978-81-906377-5-6
	National Conferences:
	Presented a Paper on " <i>Waste heat recovery in lost-wax casting process: A case study</i> " in an All India Seminar on October 26 th & 27 th 2018 held by The Institution of Engineers India (IEI), Gujarat State Centre in association with Birla Vishwakarma Maha Vidyalaya (BVM), Vallabh Vidya Nagar, Gujarat.
	Presented a Paper on " <i>Earn While You Burn Latest Trend of Power Sector: Carbon Credit</i> " in National Conference held at Shrinathji Institute of Tech. & Engg., Rajasthan during 25 th & 26 th June, 2011.
	Presented a Paper on " <i>Analysis of Clean Energy Market in India and to identify opportunities</i> " in National Conference held at Shrinathji Institute of Tech. & Engg., Rajasthan during 25 th & 26 th June, 2011.
	Presented a Paper on " <i>An overview of an Esoteric Pollution EMI-EMC</i> " in National Conference held at Chitkara Institute of Engg. & Tech., Punjab during 1 st & 2 nd March, 2008.
	Presented a Paper on " <i>Nano-Technology</i> " in National Conference on Information & Communication Technology, Ahmedabad during 27 th March, 2005.
	Presented a Paper on " <i>The Implementation of Switching Strategies on Power Quality for Integral Cycle Controller</i> " in National Conference held at SRM University, Chennai during 18 th & 19 th April, 2008.
	Presented a Paper on " <i>Design, Simulation & Implementation of integral cycle controller for resistance spot welding application</i> " in National Conference held at Govt. Engg. College, Ajmer during 26 th April, 2008.
	Presented a Paper on " <i>Simulation, Design and Implementation of low cost integral cycle controller for Heating Application</i> " in National Conference held at Chitkara Institute of Engg. & Tech., Punjab during 1 st & 2 nd March, 2008.
	Presented a Paper on " <i>Micro-Electro Mechanical Systems</i> " in National Conference held at Nirma University, Ahmedabad during 29 th November to 1 st December, 2007. ISBN 10: 81-8424-261-1 ISBN 13: 979-81-8424-261-3
14	STTP (Short Term Training Program) / WORKSHOP / SEMINAR Participation
	Three Day Workshop on " <i>Solarizer</i> " held at IIT Bombay on January 3-5, 2020.
	One Week STTP on " <i>Industrial Automation and Industry 4.0</i> " held at DIET, Rajkot, sponsored by GTU and ISTE approved during November 25 th to 30 th , 2019.
	Two Day All India Seminar on " <i>Energy Management and Audit</i> " organized by The Institution of Engineers India (IEI) held at Birla Vishwakarma Maha Vidyalaya on October 26-27, 2018 at V. V. Nagar.

	One Week STTP on <i>“Electrical Vehicle Infrastructure”</i> held at MNIT, Jaipur, sponsored by Ministry of Electronics & Information Technology during July 16 th to 20 th , 2018.
	One Week STTP on <i>“Energy, Environment and Sustainable Development through ICT”</i> held at NITTTR, Chandigarh during July 24 th to 28 th , 2017.
	Two Day Training Program on <i>“Pump Engineering – Fundamentals & Applications”</i> organized by Centre for Continuing Education (CCE), Nirma University, Ahmedabad on April 2-3, 2016.
	Two Day Workshop on <i>“Energy Trends and Power Quality”</i> organized by Darshan Institute of Engineering and Technology, Rajkot on December 16-17, 2016.
	One Week STTP on <i>“Energy Perspectives”</i> organized by Darshan Institute of Engineering and Technology, Rajkot on December 14-18, 2015.
	Two Day Workshop on <i>“Advance Microcontrollers & Power Electronics”</i> organized by Darshan Institute of Engineering and Technology, Rajkot on September 26-27, 2014.
	Two Day Workshop on <i>“Awareness on Green Energy and Energy Conservation”</i> , organised by Pandit Dindayal Petroleum University, Gandhinagar during 17 th & 18 th September, 2013.
	One Day Workshop on <i>“Energy Conservation Awareness program”</i> , conducted by Gujarat Energy Development Agency hosted by Darshan Institute of Engineering and Technology, Rajkot, on 13 th September, 2013.
	Two Day Workshop on <i>“Embedded Systems”</i> , Sponsored by Technical Education Quality Improvement Programme (TEQIP) held at L. D. College of Engineering, Ahmedabad, Gujarat, during 24 th to 25 th January, 2008.
	Five Day STTP on <i>“Recent Trends in Power Electronics & Its Application to Electrical Systems”</i> held at G. H. Patel College of Engg. & Tech., V. V. Nagar, Gujarat approved by ISTE (Indian Society for Technical Education), during 25 th to 29 th December, 2006.
	Five Day STTP on <i>“ISA-CIAT Training Programme which includes PLC & SCADA”</i> , organized by ISA (The Instrumentation, Systems & Automation Society) held at V. V. P. Engg. College, Rajkot, Gujarat, during 25 th to 30 th July, 2005.
15	INVITED EXPERT LECTURE and INDUSTRY INTERACTIONS
	Invited as a Technical Expert in a one-day workshop (webinar) on <i>“Energy Conservation and Environmental Sustainability”</i> , on October 13 th , 2021 held at A.V. Parekh Technical Institute, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
	Invited as a Technical Expert in a one-day workshop (webinar) on <i>“Energy Conservation and Environmental Sustainability”</i> , on July 14 th , 2021 held at Darshan Institute of Engineering and Technology, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
	Invited as a Technical Expert in a one-day workshop (webinar) on <i>“Energy Conservation and Environmental Sustainability”</i> , on July 09 th , 2021 held at Parul University, Vadodara, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.

Invited as a Technical Expert in a webinar on <i>“Engineering Skills for Electrical Engineers”</i> , on April 27 th , 2021 organized by Parul Institute of Engineering and Technology, Vadodara.
Invited as a Technical Expert in a webinar on <i>“Engineering Skills for Electrical Engineers”</i> , on March 31 st , 2021 organized by Institution of Engineering India, Saurashtra Local Centre, Rajkot.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on February 24 th , 2020 held at School of Engineering, R. K. University, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on February 20 th , 2020 held at Sanjaybhai Rajguru College of Engineering, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on February 08 th , 2020 held at Gyanmanjari Institute of Technology, Bhavnagar, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on February 07 th , 2020 held at Shantilal Shah Engineering College, Bhavnagar, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on December 16 th , 2019 held at V. V. P. Engineering College, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on October 09 th , 2019 held at A. V. Parekh Technical Institute, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on August 31 st , 2019 held at G. M. B. Polytechnic, Rajula, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on July 8 th , 2019 held at L. E. College, Diploma, Morbi, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on March 18 th , 2019 held at Sanjaybhai Rajguru College of Engineering, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on March 16 th , 2019 held at Sanjaybhai Rajguru College of Diploma Engineering, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.

Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on March 15 th , 2019 held at Noble Engineering College, Junagadh, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on March 14 th , 2019 held at Om Engineering College, Junagadh, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on February 16 th , 2019 held at Government Polytechnic, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on February 2 nd , 2019 held at Government Engineering College, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on January 31 st , 2019 held at School of Engineering, R. K. University, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on January 24 th , 2019 held at Government Polytechnic, Junagadh, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a one-day workshop on <i>“Energy Conservation and Environmental Sustainability”</i> , on January 8 th , 2019 held at V. V. P. Engineering College, Rajkot, organized and sponsored by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India.
Invited as a Technical Expert in a Short Term Training Program (STTP) on <i>“Design and Troubleshooting of Heat Exchangers & Air Conditioning System”</i> , on December 19 th , 2018 held by Darshan Institute of Engineering and Technology, Rajkot, sponsored by GTU.
Invited as a Technical Expert in a Short Term Training Program (STTP) on <i>“Design and Development Trends for PV Solar Power Plant”</i> , on December 13 th , 2018 held by Darshan Institute of Engineering and Technology, Rajkot, sponsored by GTU.
Invited as a Technical Expert in a Short Term Training Program (STTP) on <i>“Essential of Green Energy Technology for Sustainable Environment and Energy Audit”</i> , on December 12 th , 2018 held by V. V. P. Engineering College, Rajkot, sponsored by GUJCOST.
Invited as a Technical Expert in an all India seminar on <i>“Energy Management and Audit”</i> , on October 26 th & 27 th 2018 held by The Institution of Engineers India (IEI), Gujarat State Centre in association with Birla Vishwakarma Maha Vidyalaya (BVM), Vallabh Vidya Nagar, Gujarat.
Invited as a Technical Expert in a one day workshop on <i>“Energy Conservation Awareness”</i> , on July 7 th , 2018 held at A. V. Parekh Technical Institute, Rajkot and sponsored by Gujarat Energy Development Agency (GEDA), Gandhinagar.
Invited as a Technical Expert in a seminar on <i>“Energy Conservation”</i> , on January 23 rd , 2018 held by The Institution of Engineers India (IEI), Saurashtra Local Centre at B. H. Gardi Engineering College, Rajkot.

	Invited as a Technical Expert in AICTE-ISTE approved STTP on <i>“Global Energy Management Issues and Perspectives”</i> , during December 11 th to 15 th , 2017 held at V.V.P. Engineering College , Rajkot.
	Invited as a Technical Trainer in training programs for engineers of GSFC Ltd on <i>“Energy Management of Electrical Systems”</i> , on November 25 th , 2016 held at GSFC Ltd., Vadodara.
	Invited as Guest Speaker in Entrepreneurship Development Institute (EDI) organised and YES Bank sponsored Sensitization Workshop on <i>“Energy Efficiency with Actual Case Study in Rajkot Foundry Cluster”</i> for awareness of industry owners on the day of December 29 th , 2015.
	Invited as Guest Speaker in Entrepreneurship Development Institute (EDI) organised and YES Bank sponsored Sensitization Workshop on <i>“Promoting Environmental Sustainability through Energy Efficiency”</i> for awareness of industry owners on the day of October 1 st , 2015.
	Organised an <i>“Energy Conservation Awareness Workshop for Industries”</i> at Shapar-Veraval Industrial Association, Rajkot conducted by Darshan Institute of Engineering and Technology and Sponsored by GEDA (Gujarat Energy Development Agency) on the day of July 28 th , 2014.
	Organised an <i>“Energy Conservation Awareness Workshop for Industries”</i> at G.I.D.C. Lodhika Industrial Association, Rajkot conducted by Darshan Institute of Engineering and Technology and Sponsored by GEDA (Gujarat Energy Development Agency) on the day of July 12 th , 2014.
16	INSTRUMENT EXPOSURE
	<p>Exposure of Industrial Field Measurements with following Instruments:</p> <ul style="list-style-type: none"> • Power Analyser (Chauvin Arnoux make – Model no. 8332B and KryKard make – Model no. ALM32) • Power Logger (Panasonic make – Model no. KW1M-H) • Thermal Imager (Fluke make – Model no. Ti32) • Infrared Thermometer (Mastech make – Model no. MS6530) • Flue Gas Analyser (Testo make – Model no. 350) • Ultrasonic Flow Meter (Endress-Hauser make – Model no. P93T) • Earth Resistivity Tester (Chauvin Arnoux make – Model no. CA6471) • Data Logger – Temp. & Humidity (TandD make – Model no. ST9263 / TR-705) • Anemometer (Lutron make – Model no. AM4222) • Luxmeter (Mastech make – Model no. MS6610) • Digital Tachometer (KusamMeco make – Model no. KM-2235B / KM-2234BL) • Digital Stroboscope (Lutron make) • Digital Manometer (KusamMeco make – Model no. KM-4550) • Digital Multimeter (Agilent make – Model no. TRMS-U1242B) • Digital Clamp cum Multimeter (Fluke make – Model no. 376) • Digital Solar Meter (Kmeco make - Model: KM SPM 11) • Digital LCR Meter (Scientific make - Model: 9302) • Digital Oscilloscope (Agilent and Rigol make) • Solar Power Meter (K-Meco – Model KM-SPM-11)
17	INDUSTRIAL EXPOSURE
	<p>Reliance Industries Limited, Jamnagar – India</p> <ul style="list-style-type: none"> • Worked as Field Operation and Panel Engineer,

	<ul style="list-style-type: none"> • Commissioning activities of Captive Power Plant (Combined Cycle Co-Generation) • CPP - 752 MW, Switchyard – 220 KV AIS, 33 KV GIS • 6 GTG (125 MW each) Frame 9E by GE • 2 STG (28 MW each) by MANTURBO • 1 EDG (4.7 MW) by KIRLOSKAR • 6 HRSG (315 TPH each) by Thermax Babcock Wilcox • 4 Aux. Boiler (275 TPH each) by Thermax Babcock Wilcox • 220 KV Double Bus system – One and half Breaker scheme • EDMS Panel (Electrical Distribution Management System) by ABB Ltd. • Main Load Shedding (MLS) and Under Frequency Load Shedding (UFLS) • Commissioning, maintenance and operation of HT/LT motors up-to 2.1 MW and Transformers up-to 174 MVA, 6.6 KV Panel • Condition monitoring, maintenance of Alternator of 116 MW Gas Turbine • Worked on drafting and modifications of drawings, Numerical Relays, ACB, GCB and VCB • Hands on experience of SAP and Work-permit system • Guiding and mentoring teams to bring out their skills
18	CONSULTANCY PROFILE <p>Associated as a Consulting Engineer (2011 to 2018) and CEO of Energy Management Cell (2019 to till date), Darshan Institute of Engineering and Technology, Rajkot.</p> <ul style="list-style-type: none"> • Liaisoning with BEE, MNRE, PCRA, NISE, TERI, JICA, GEDA, REA, CEI, EDII, GIDCs • Completed <ul style="list-style-type: none"> ✓ Energy Audit (130+) ✓ Power Quality Audit (140+) ✓ Thermography Audit (130+) ✓ Earthing Audit (1) ✓ Electrical Safety Audit (100+) ✓ Water Balance Audit (1) ✓ Electrical Wiring Design (4) ✓ Solar PV Feasibility Study (100+) ✓ Waste Heat Recovery and Fluegas Analysis (18+) ✓ Performance Assessment (20+) • Implementation of Energy Efficient technologies in Metal-casting industries in association with TERI and JICA • Completed consultancy work for Clients <ul style="list-style-type: none"> ✓ Hindustan Zinc Ltd., Haridwar - Uttarakhand ✓ Hindalco Ltd., Belur - West Bengal ✓ DNH Power Company Ltd., Silvassa - UT ✓ Birla Cellulosic, Bharuch ✓ Indian Rayon, Veraval ✓ ESSAR oil Ltd., Vadinar ✓ GSFC Ltd., Vadodara ✓ Elion Technologies Pvt. Ltd., New Delhi ✓ Genus Electrotech Ltd., Gandhidham ✓ Western Railway, Vadodara ✓ Airport Authority of India, Rajkot, Bhavnagar ✓ PDU Govt. Hospital, Rajkot ✓ Govt. Engg. College, Rajkot ✓ Jilla Seva Sadan-II, Rajkot ✓ Govt. Medical College, Rajkot

	<ul style="list-style-type: none"> ✓ Jyoti CNC Automation Ltd., Rajkot ✓ Rolex Rings Pvt. Ltd., Rajkot ✓ Magotteaux Industries Pvt. Ltd., Rajkot ✓ FMPBW Bearings Pvt. Ltd., Rajkot ✓ Sumangal Group of Companies, Rajkot ✓ Zealtop Ceramic Pvt. Ltd., Morbi ✓ Sezon Papers Pvt. Ltd., Morbi ✓ Duflon Industries Pvt. Ltd., Ahmedabad ✓ Dena Bank Ltd., Gujarat ✓ Varachha Co. Op. Bank, Surat ✓ Rextron Ceramic Pvt. Ltd., Morbi and many more
	<p>Major Consultancy Projects completed under the banner of Darshan Institute of Engineering and Technology:</p> <ol style="list-style-type: none"> 1) "Feasibility study for installation of various roof top solar on Govt. building in U.T. of D & N.H." by DNH Power Corporation Ltd. during year 2015-16. 2) "Consultancy in Electrical design and Project management for propose solar plant of 20 MWp at M.P." by KSHITIJ Synergy Corp Pvt. Ltd. during year 2015-16. 3) "Supply of measuring instrument and data collection of 1 MW power plant situated at HISAR – Haryana site" by Chopda & Co. during year 2014-15. 4) "Supply of measuring instrument and data collection of 10 MW power plant situated at Mervadar, Rajkot site" by Chopda & Co. during year 2012-13. 5) "Appointment as consultant on baseline energy data monitoring assistance for the research project to demonstrate energy efficient gas heat pump technology among SMEs in India" by Japan International Cooperation Agency, Govt. of Japan during year 2012-13. 6) "Feasibility study, design, installation and commissioning of solar power plant at DIET" by JJPV Solar Pvt. Ltd. during year 2012-13.
19	<p>PERSONAL PROFILE</p> <p>Name: Bhavinkumar Devshibhai Kanani Address: Block-A/8, Swagat Residency, Opp. Raj Palace, Sadhuvasvani Marg, University Road, Rajkot-360005. Gender: Male Date of Birth: October 28th, 1984 Contact: +91 - 97248 49097 Email ID: bhavin039@gmail.com Hobby: Science Fiction, Public Awareness</p>
20	<p>REFERENCES</p> <ol style="list-style-type: none"> 1) Dr. Nimit Sheth, Ph.D. (Indian Institute of Technology, New Delhi, India), Senior Manager (Application Technology), Molycorp Magnequench, Singapore – 117525, Email: nimit.sheth@molycorp.com, Contact: +65-6415-0645 / +65-9025-0234.

<p>2) Dr. Dibakar Rakshit, Professor, Centre for Energy Studies, Indian Institute of Technology, Hauz Khas, New Delhi - 110016, India, Email: dibakar@iitd.ac.in, Contact: +91-11-2659 7313</p> <p>3) Dr. R. G. Dhamsaniya, Principal, Darshan Institute of Engineering and Technology, Rajkot-363650, India, Email: ramnik.dhamsaniya@darshan.ac.in, Contact: +91-9825497939</p>

Declaration:

I hereby acknowledge that I have read, understand and agree to the terms & conditions of this empanelment process.

I hereby declare that the information given in this application is true and correct to the best of my knowledge and belief. I understand in case the information is found to be incorrect it may result in the rejection of my empanelment application.

Place: Rajkot

Date:



दादरा नगर हवेली ऊर्जा वितरण निगम लिमिटेड
(सरकार का उपक्रम)
DNH POWER DISTRIBUTION CORPORATION LTD.
(A GOVERNMENT UNDERTAKING)
CIN : U40100DN2012GOI000405

No. 11-8(25)/DNHPDCL/2015/

Date: / /2015.

To,
M/s. Darshan Institute of Engineering and Technology,
Rajkot-Morbi Highway,
Near water sump village,
Hadala, Dist. Rajkot,
Gujarat.

Sub:- Work order for Feasibility study for Installation of various Roof-top Solar on Govt. Building in U.T. of D & N.H.

Ref:- (1). This office e-Procurement Tender Notice No. 23/2014-2015/2887 Dtd. 31.07.2015.
(2). Your Tender Bid Dtd. 19.08.2015.

Sir,

The rates quoted in your Tender referred here above are accepted by the competent authority for the below mentioned work and we are pleased to place our order for Feasibility study for Installation of various Roof-top solar on Govt. Building in U.T. of D & N.H.

The work should be carried out as per tender terms & condition and instruction of Assistant Engineer, (A.S.W.), DNH PDCL. and completed within 2(two) months from the date of issue of this order.

Sr. No.	Particular	Qty	Amount
1.	Feasibility study for Installation of various Roof-top solar on Govt. Building in U.T. of D & N.H.	01 Job.	Rs.7,36,000/-
Total Amount(Incl. of All Taxes)			Rs.7,36,000/-

(Rupees Seven lakhs thirty six thousand only/-)

Please acknowledge the receipt for the same.

Work order Register
Entry No.: 55

Darshan Institute of Engineering & Technology	
INWARD	
Date:	19/11/15
No.:	032
Sign.:	A. P. [Signature]

Yours faithfully,

[Signature]
Superintending Engineer,
DNH Power Distribution Corpn. Ltd.,
Dadra and Nagar Haveli,
Silvassa.

- Copy to Assistant Engineer(ASW), DNH PDCL, D&NH, Silvassa for information.

Head Office : First Floor, Vidyanagar, Silvassa - 396 230
Regional Office : First Floor, Vidyanagar, Silvassa - 396 230
Telephone : 0260-264733 Web Site : www.dnhpdcl.in

To,
The MD
Exec. Engrg
19/11/15

WORK ORDER

WO. No. KSCPL/SPP/EPC/MP/02082015

Dated: 28-08-2015.

To,
Darshan Institute of
Engineering and Technology,
Hadara, Rajkot.

PAN NO : -AAHTS6413N
SERVICE TAX:-AAHTS6413NSD001

Kind Attn: - Mr. K R Siddhpura

Subject: Work Order for providing consultancy in Electrical design and Project Management Consultancy (ELECTRICAL) for propose solar plant of 20MWP (AC) at MP.

Dear Sir,

In reference to the discussions with you on the subject matter, you are pleased to place this detailed Work Order providing consultancy in Electrical design and Project Management Consultancy (ELECTRICAL) for propose solar plant 20MWP(AC) at MP. Today Energy,Village – Barod, Agar(M.P). on the following terms and conditions:

This Work Order is for providing consultancy in Electrical design and Project Management Consultancy (ELECTRICAL) for propose solar plant of 20MWP (AC) at MP.

Following are terms and conditions.

1. **LIST OF DRAWINGS TO BE SUPPLY BY KHSITIJ SYNERGY.**

- DC & LT Cable routing Drawings
- Earthling Layout
- String Arrangement
- HT Cable Layout
- Single Line Diagram - AC Side
- Single Line Diagram - DC Side
- Cable layout
- Switch Yard & Main Control Room Drawing
- SCADA & Communication Layout Drawing
- Power Evacuation – SLD

KSHITIJ SYNERGY CORP PVT. LTD.

N. m. Purohit
DIRECTOR

Ref : C&CO/RJT/SP/001MW/HISAR/280114

Date : 28th January 2014

To,
Energy Management Cell,
Darshan Institute of Engineering & Technology,
Morbi Highway, Rajkot.

Kind Attn.: Shree K.R. Siddhapura

Sub : Work order for Supply of Measuring Instrument and data collection of 1MW
Power Plant Situated at HISAR- Hariyana Site.

With reference to your Quotation and subsequent discussion we had with you on above referred subject. We are pleased to place this work order with the following terms & conditions.

Scope of Work:- Supply of Measuring equipment and Support for data collection of 1MW Solar Power Plant at HISAR for Three Days with 2 Skilled Person

Consulting Fees :- A professional fee of Rs. 77,000/- (Seventy Seven Thousand Only), inclusive of Service Tax.

➤ 100% Payment will be made on completion of work for Data Collection.

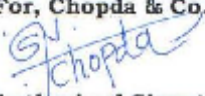
Duration of work :-

➤ From 2nd January 2014 to 5th January 2014

Kindly accord your acceptance by mail and also arrange to send us the account details on which payments have to be transferred.

Thanks & Regards

Yours truly,

For, Chopda & Co.

Authorized Signatory



CHOPDA & CO.

Block No. 186, Design Plus,
Ground Floor, Near Big Bajar,
150ft Ring Road, Chandra Park,
Rajkot-(Gujarat) -360 001

For Your Technical Support...

Contact : +91 9033972827, +919099363172
E-Mail : Chopdacompany@yahoo.com

Ref : C&CO/RJT/SP/001W/11-12

Date : 10th January 2012

To,

Energy Management Cell,

Darshan Institute of Engineering & Technology,

Morbi Highway, Rajkot.

Kind Attn. : Shree K.R. Siddhapura

Sub : Work order for Supply of Measuring Instrument and data collection Of 10MW Power Plant Situated at Mervadar-Near Rajkot.

With the reference to telephonic discussions and meeting on dated : 6th Jan 2012 we had on above referred subject. We are pleased to place this work order with the following terms & conditions.

Scope of Work

Supply of Measuring equipment and Support for data collection of 10MW Solar Power Plant at Mervadar (near Rajkot) for Three Days

Consulting Fees :

You will be paid a consulting fees of **Rs. 87,500/-** (Eighty Seven Thousand Five Hundred Only) and Extra Charges (for Supply of Thermo graphic Imager, D.C. Clamp meter etc. with Manpower) of **Rs. 23,000/-** (Twenty Three Thousand Only) for offering above mentioned services.

- 100% Payment will be made on completion of work for Data Collection.

Duration of work :

- From 11th January 2012 to 13th January 2012

Kindly accord your acceptance by mail and also arrange to send us the account details on which payments have to be transferred.

Thank you,

Yours Sincerely,
For, Chopda & Co.

Subhash Chopda
10/01/2012
Partner

Subhash Chopda

25th October, 2012

Dr. K.R. Siddhapura
Head
Electrical Engineering Department
Darshan Institute of Engineering and Technology
At Hadaia, Rajkot – Morbi Highway near Sump.
Rajkot – 363650, (Guj.) India

Tel. 91-2822-293010/11
Fax. 91-2822-293008

Letter of Appointment as the consultant on Baseline Energy Data Monitoring Assistance
for the Research Project to demonstrate energy efficient Gas Heat Pump (GHP) technology
among SMEs in India

Dear Dr. Siddhapura

JICA is pleased to inform you that we would like to appoint your department the Consultant to assist TERI and JICA Experts for above mentioned project.


Terms & Conditions are attached.

If you agree for the terms & conditions, kindly send an acceptance letter to me.

Sincerely yours

for 
Shinya Ejima

Chief Representative
India Office
Japan International Cooperation Agency
2nd Floor, Dr. Gopal Das Bhawan
28, Barakhamba Road
New Delhi – 110001

accepted

26/10/12
(K.R. SIDDHAPURA)

Ref:- JJPV/2012/SEP/WO026

Date:-21/09/2012

To,
Darshan Institute of Engineering and Technology,
Morbi-Rajkot Highway, At. -Hadala,
Dist. - Rajkot

Subject – Work order for Feasibility study, Design, Installation and Commissioning of solar power plant at Darshan Institute of Engineering and Technology.

With reference to our meeting, We are pleased to place this work order with the following terms and conditions.

Scope of Work

- Campus Layout, Energy Demand Assessment, Detailed Feasibility Study and Submission of Report of Site Survey.
- Design and Measurement of various parameters (Civil, Electrical and Mechanical) for solar power as per site survey.
- Estimate the Generation, Calculate the Payback Period, Financial and Emission Saving Calculation, Prepare Project implementation Plan.
- Installation, Erection and commissioning solar power plant as per the site survey and Energy Demand.

Consulting Fees


You will be paid a consulting fees of Rs. 6,50,000/- (Six Lakhs Fifty Thousand) including all taxes for above mentioned services.

100 % payment will be made on completion of total work.

Kindly accord your acceptance by mail and also arrange to send us the account details on which payment have been transferred.

Thank You

For JJ PV SOLAR PVT. LTD.


Authorized Signatory



JJ PV Solar Pvt. Ltd.

High Performance Solar PV Modules, Solar PV Systems

Near Vikas Stove, B/h. Hargange Weybridge, Village Veraval (Shapar), Dist. Rajkot-360 024. Gujarat (India)
Ph: +91 2827 254 474 | Fax: +91 2827 254 476 | url: www.jjpvsolar.com