SUMMER INTERNSHIP PROGRAM - YEAR 2016

Sr. No	Photo	GERMI No	Name	Qualification	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
1	Appropriate	GERMI/S- 2016/161	Mr. Akash Vasani	3rd Year B. Tech Mechanical Engineering	Scool of Technology (SoT), PDPU, Gandhinagar	08-Jun-16	08-Aug-16	Dr. Sagar Agravat	Distilled Water from Salt Pans
2	The second second		Mr. Shah Kavish Dharmeshkumar	M.Tech, Energy system and technology(Focu sed on solar energy)	Scool of Technology (SoT), PDPU, Gandhinagar	07-Jun-16	30-Aug-16		A Case Study Of Open Access and its Applicability for Intrastate Transaction In Gujarat
3			Mr. Yogendra Swami	3rd year undergraduate,(B. Tech) Mechanical engineering	IIT Kanpur	17-May-16	15-Jul-16	Dr T Harinarayana	Near air conditioning of space through natural air-water interaction for better human comfort
4		GERMI/S- 2016/157	Ms. Vishakha Tank	Third year B.E.	Electronics & Communication Dept, Silver Oak College of Engg. & Tech., Ahmedabad	18-May-16	19-May-16	Dr. T. Harinarayana	Wind Energy Generation Maps and Assessment of Wind Resources in India

Sr. No	Photo	GERMI No	Name	Qualification	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
5		GERMI/S- 2016/156	Mr. Mahmoud Bougi Mohamed Seddik	3rd Year Ph.D Geomicrobial processing for hydrocarbons	Higher Institute of biotechnology of Monastir, Tunisia	20-May-16	22-Jul-16	Dr Abdul Rasheed Dr PLS Rao & Dr Syed Zaheer Hasan	Relevance of hydrocarbon utilizing bacteria and integration with adsorbed gas and trace metal anomalies addressing the microseepage in petroliferous region of Tarapur block of Cambay basin
6		GERMI/S- 2016/155	IMic Raklouti Svrina	2nd Year Phd student Petroleum Geology	National school of engineers of Sfax Tunisia (ENIS)	19-May-16		Dr Abdul Rasheed Dr PLS Rao & Dr Syed Zaheer Hasan	Adsorbed soil gas analysis and its integration with trace metal & microbial anomalies to delineate areas of hydrocarbon microseepage in petroliferous region of Cambay basin, Gujarat
7		GERMI/S- 2016/154	Ms. Sarah M Sved	Final year (7 th sem) in Environmental Engineering,	L D Colloge of Engineering	19-May-16	15-Jul-16		Gadget for Rapid detection of bacterial contamination of water
8			Mr. Brij Bhushan ISingh	M.Sc. Tech. Applied Geophysics	Indian School of Mines, Dhanbad	15-May-16		Mr. P.H. Rao Mr. Santosh Dhubia Mr. K. Ramachandran	Understanding Poisson Impedance And Its Relevance To Lithology Variartion Using Multiattribute Analysis And Impedance Studies
9		· ·	IMc Shuhhangi	B.Tech Electrical Junior Year	Shiv Nadar University	16-May-16	15-Jul-16	Dr. Omkar Jani	India Solar Resource Handbook

Sr. No	Photo	GERMI No	Name	Qualification	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
10		GERMI/S- 2016/151	Mr. Shantanu Vaishnav	M. Tech 2015-2017 Renewable Energy Engineering and Management	TERI University	15-May-16	14-Jul-16	Dr. Sagar Agravat	Photovoltaic Module and Cell Modelling using MATLAB GUI and Simulink
11		GERMI/S- 2016/150	Mr. Hemachandra	3rd year Undergraduate (Dual Degree) Civil Engineering	Indian Institute of Technology Madras.	16-May-16	17-Jul-16	Dr. Sagar Agravat	Structural design of mounting structure for canal top solar project; Structural design of floating solar photovoltaic structure
12		GERMI/S- 2016/149	Mr. Ciby	4th Year, Integrated M.Tech Geological Technology	IIT Roorkee	14-May-16	19-Jul-16	Sri P.H RAO	Impedance Inversion studies using Poisson Impedance attribute
13		GERMI/S- 2016/148	Ms. Dasari Venkata Teja	M.sc(tech) Geophysics	Andhra University	14-May-16	13-Jul-16	Mr. P. H. Rao Mr. Santosh Dhubia and Ms. Priyanka Sen	Detection and characterization of deep seated thin sands using impedance inversion techniques
14		GERMI/S- 2016/147		Integrated M Tech. Geological Technology	IIT Roorkee	13-May-16	13-Jul-16	Mr. P.H. Rao	Detection and characterization of deep seated thin sands using impedance inversion techniques

Sr. No	Photo	GERMI No	Name	Oualification	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
15			Mr. Apurba Nayan Das	2nd Year M.Sc Applied Geology	IIT Bhubaneswar	12-May-16	15-Jul-16	Dr Syed Zaneer Hassan	Surface Geochemical prospecting to delineate hydrocarbon prospecting zones.
16			Mr. Sunny Sanjay Sankneniwar	M.Sc.	School Of Earth Sciences, S.R.T.M.U. NANDED(M.S)	12-May-16	16-Jul-16	II)r Monammed	Collection, Isolation and Identification of algal species from different habitats of Gujarat
17		•				12-May-201 6	13-July-201 6	Mr P.H Rao Mr. Santosh Dhubia	Acceleration of seismic attributes computation using parallel computation techniques
18			Mr. Gaurav Kolhekar	3rd year, Int. M.Sc course Applied Geology	IIT kharagpur	12-May-16	12-Jul-16	Dr Syed Zaneer Hassan	Surface Geochemical prospecting to delineate hydrocarbon prospecting zones.
19		GERMI/S- 2016/142	Harsha Vardhana	2nd Year M.Tech Environmental engineering	Sardar Vallabhbhai National Institute of Technology, Surat	11-May-16	13-Jul-16	Prof.Dr.N.S.Varand ani	Sodium silicate Removal from Cotton Textile industries-Problems and Alternatives

Sr. No	Photo	GERMI No	Name	Qualification	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
20		GERMI/S- 2016/141	Mr. Ravi Agarwal	5 Year Integrated M.Sc.Tech. in Applied Geophysics	Indian School of Mines, Dhanbad	11-May-16	25-Jul-16	Mr. P.H. Rao Mr. Santosh Dhubia Mr. K. Ramachandran	Understanding Poisson impedance and its relevance to lithology variation using Multi-Attribute Analysis and Impedance studies
21		GERMI/S- 2016/140	Ms. Sweta Soni	Completed B.Sc. in microbiology and pursuing master's in Life Science's	B.Sc. from Gujarat University and Masters from Ahmedabad University	10-May- 2016	16-Jul-16	Dr. Syed Zaheer Hasan Dr. Mohammed Abdul Rasheed Dr. P.L.S. Rao	Collection, isolation and identification of algal species from habitat of Gujarat.
22		GERMI/S- 2016/139	Mr. Pidikiti Pala Sankara Jeetendra	B. Tech in Mechanical Engineering	MVGR College of Engineering, Vizi anagaram, Andh ra Pradesh	09-May-16	11-Jul-16	Dr. Omkar Jani	Visual Modules of PV systems for National Certifiaction Programme & Energy Payback of Solar PV
23		GERMI/S- 2016/138	Mr. Arnab Chatterjee	1st Year MBA Energy and Infrastructure	School of Petroleum Management (SPM) PDPU Gandhinagar	10-May-16	10-Jul-16	Dr. Omkar Jani	Techno Commercial Feasibility of Solar Parks
24		GERMI/S- 2016/137	Ms. Drasthi Shah	Master's in Business Administration	School of Petroleum Management (SPM) PDPU Gandhinagar	11-Apr-16	10-Jun-16	Dr. Omkar Jani	Techno-Commercial Feasibility of a Rooftop Solar PV System

SUMMER INTERNSHIP PROGRAM - YEAR 2015

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
1	(G-10)	GERMI/S- 2015/136	2 Months	Mr. Arjun Vyas	Energy	School of Solar Energy (SSE) PDPU Gandhinagar	15-June- 2015	15-Aug- 2015	Mr. Akhilesh Magal	Geodesic Solar Dome- Drakshatra
2		GERMI/S- 2015/135	2 Months	Mr. C. Nagarjuna Reddy		Siddharth Institute of Engineering and Technology, Puttur	6-June- 2015	_	Prot I	Solar Thermal Energy Generation Potential Estimation in India and Gujarat, Andhra, Telangana States
3		GERMI/S- 2015/134	2 Months	Ms. Shivani		Kurukshetra University, Kurukshetra	29-May- 2015	June- 2015	Sri P.H. Rao	GLCM based texture attributes for reservoir characterisation
4		GERMI/S- 2015/133	2 Months		MBA Energy and	School of Petroleum Management (SPM) PDPU Gandhinagar	15-May- 2015	15-July- 2015	_	To Develop & Execute an Effective Marketing & Media Outreach Strategy for GERMI

Sr. No.	Dicture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
5	(6.1)	GERMI/S- 2015/132	2 Months	Ms. Garima Heerani	1st Year MBA Energy and Infrastructur e	School of Petroleum Management (SPM) PDPU Gandhinagar	15-May- 2015	15-July- 2015	Mr. Akhilesh Magal	Creation of national database for solar policies in India and its analyses for the Department of Science and Technology (DST)
6		GERMI/S- 2015/131	2 Months	Ms. Bhoomi Dave	Nanotechnol ogy	Institute of Research and Development Gujarat Forensic Sciences University, Gandhinagar	13-May- 2015	15-July- 2015	Dr. Omkar Jani	Investigation of different passivation schemes for Silicon solar cell applications
7	The second second	GERMI/S- 2015/130	2 Months	Ms. Radhika Savalia	IFIECTRICAL	Institute of Technology, Nirma University, Ahmedabad	16-May- 2015	16-July- 2015	Dr. Omkar Jani	Development of Theoritical and Practical Training Module of NCP
8		GERMI/S- 2015/129	2 Months	Ms. Naik Shaily Kiranukumar	Environment al Science	Institute of Research and Development Gujarat Forensic Sciences University, Gandhinagar	13-May- 2015	-	Prof. Dr. N.S. Varandani	Assessment of technology options for Waste (MSW)-to-Energy: Biogas to DME route
9		GERMI/S- 2015/128	2 Months	Ms. A. Sesha Deepthi	MS Forensic Nanotechnol	Institute of Research and Development Gujarat Forensic Sciences University, Gandhinagar	14-May- 2015		Prof. Dr. N.S. Varandani	Development of a biosensor to detect bacterial contamination in drinking water at domestic level

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10		GERMI/S- 2015/127	2 Months	Ms. Mohana Lakshmi	2nd Year M.Sc (Tech.) Geophysics	Andhra University, Visakhapatnam	12-May- 2015	10-July- 2015	Sri P.H. Rao	Fault and fracture analysis using neural network assisted geometrical attributes
11		GERMI/S- 2015/126	2 Months	Ms. P. Madhulika	3rd Year B. Tech Petroleum Engineering	JNTU - UCEK, Kakinada	15-May- 2015	11()-1:11//-	Dr. Abdul Rasheed, Dr. PLS Rao & Dr. Syed Zaheer Hasan	Trace Metal & Microbial Anomalies associated with Hydrocarbon seepage in Sanand block of Cambay Basin, Gujarat
12		GERMI/S- 2015/125	2 Months	Ms. Pruthvi Ratilal Patoliya	2nd Year M. Tech. Environment al science & Engg.	ISM - Dhanbad	15-May- 2015		Prof. Dr. N.S. Varandani	Enhancement of the rate of hydrolysis-A rate limiting step for waste-to-energy: Biogas route
13		GERMI/S- 2015/124	2 Months		2nd Year M.Sc. (Tech) Applied Geophysics	ISM - Dhanbad	16-May- 2015	17-July- 2015	Sri P.H. Rao	Integrated Analysis of Seismic Attributes and Well Logs for Reservoir Characterization
14		GERMI/S- 2015/123	2 Months	Ms. Kajal Mittal	3rd Integrated M.Tech Geological Technology	IIT-Roorkee	11-May- 2015	10-July- 2015	Sri P.H. Rao	Fault and Fracture Analysis using Artificial Neural Network assisted Geometrical Attributes

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15		GERMI/S- 2015/122	2 Months	Ms. Disha Pandey	3rd Integrated M.Tech Geological Technology	IIT-Roorkee	11 May- 2015	10 July- 2015	Dr. Abdul Rasheed, Dr. PLS Rao & Dr. Syed Zaheer Hasan	Relevance of hydrocarbon utilizing bacteria and integration with trace metal anomalies addressing the micro-seepage in petroliferous region of Ahmedabad block of Cambay basin
16		GERMI/S- 2015/121	2 Months	Mr. Pradeep Shekhar Katta	4th Year B. Tech. Electrical Engineering	IIT-Madras	14-May- 2015	14-July- 2015	Dr. Omkar Jani	Graphene based Super-Capacitors
17	State of the latest th	GERMI/S- 2015/120	2 Months	Mr. Prashant Singh	2nd Year M. Tech Materials Science & Technology	IIT-BHU, Varanasi	15-May- 2015	15-July- 2015	Dr. Omkar Jani	Passivation of Si-Solar cell with Graphene
18	STATE OF THE PARTY	GERMI/S- 2015/119	2 Months	Mr. Anand Kumar	3rd Year B.Tech. M.E.	IIT-Mumbai	14-May- 2015		Dr. Sagarkumar M. Agravat	Modeling and simulation of an adiabatic compressed Air Energy Storage System for a depleted gas field
19		GERMI/S- 2015/118	2 Months	Mr. Kartik Jain	2nd Year B.Tech Civil Engineering	IIT-Kanpur	11-May- 2015		Prof. Dr. N.S. Varandani	Development of smart liquid infrastructure for a smart city

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20		GERMI/S- 2015/117	2 Months	IIVir Sachin Kumar	5th Year Integrated M.Sc. Exploration Geophysics	IIT-Kharagpur	13-May- 2015	17-July- 2015	Sri P.H. Rao	GLCM (Gray Level Co-occurrence Matrix) based Texture attributes for Reservoir Characterization
2:		GERMI/S- 2015/116	2 Months	IRanian Rehera	1st Year M.Sc. Geology	IIT, Bhubneshwar	13-May- 2015	16-July- 2015	Sri P.H. Rao	Integrated analysis of well logs and seismic attributes for reservoir characterization
22		GERMI/S- 2015/115	2 Months	Kumar Mohanty	Joint M.Sc Ph.D Geology	IIT, Bhubneshwar	13-May- 2015	14-July-	Dr Abdul Rasheed Dr PLS Rao & Dr Syed Zaheer Hasan	Trace Metal & Microbial Anomalies associated with Hydrocarbon seepage in Sanand block of Cambay Basin, Gujarat
23		GERMI/S- 2015/114	2 Months	Mr. Mohamed Seddik Bougi Mohmoud		Higher Institute of biotechnology of Monastir, Tunisia	15-May- 2015	17-July-	Dr Abdul Rasheed Dr PLS Rao & Dr Syed Zaheer Hasan	Relevance of hydrocarbon utilizing bacteria and integration with trace metal anomalies addressing the micro-seepage in petroliferous region of Ahmedabad block of Cambay basin
24		GERMI/I- 2015/113	6 Months	Ms. Tosha Vaidya	M.Sc.	School of Technology (SOT) PDPU, Raisan Gandhinagar	Jan 2015	June- 2015	Dr. Omkar Jani	Role of additional layer of PEDOT.PSS on P3HT in organic- inorganic solar cell

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25		GERMI/I- 2015/112	6 Months	Ms. Ruchita Shah	M.Sc.	School of Technology (SOT) PDPU, Raisan Gandhinagar	Jan 2015	June- 2015	Dr. Omkar Jani	Optimisation & fabrication of organic-inorganic solar cell
26		GERMI/I- 2015/111	6 Months	Ms. Anjali Patel	M.Sc.	School of Technology (SOT) PDPU, Raisan Gandhinagar	Jan 2015	June- 2015	Dr. Omkar Jani	Organic-inorganic heterojunction solar cell
	SL	JMN	/IER	INTE	RNSI	HIP PROG	RA	M	- YEAR	2014
27		GERMI/I- 2014/110	6 Months	Mr. Sanket Mankar		Vellore Institute of Technology (VIT) University, Vellore, Tamil Nadu - 632014		30 Apr. 2015	Dr. Sagar Agravat	
28		GERMI/I- 2014/109	6 Months	Mr. Saravanan Sara	4th Year M. Tech Enviornment al Engg.	Vellore Institute of Technology (VIT) University, Vellore, Tamil Nadu - 632014	1st Nov. 2014	30 Apr. 2015	Dr. Sagar Agravat	

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29		GERMI/I- 2014/108	h Months	Ms. Shagufta Shahnaz	M. Tech Enviornment	Vellore Institute of Technology (VIT) University, Vellore, Tamil Nadu - 632014	1st Nov. 2014	30 Apr. 2015	Dr. Sagar Agravat	
30		GERMI/I- 2014/107	6 Months		M. Tech Enviornment	Vellore Institute of Technology (VIT) University, Vellore, Tamil Nadu - 632014	1st Nov. 2014	30 Apr. 2015	Dr. Sagar Agravat	
31		GERMI/I- 2014/106	6 Months	Ms. Sonali Rana	M. Tech Enviornment	Vellore Institute of Technology (VIT) University, Vellore, Tamil Nadu - 632014	1st Nov. 2014	30 Apr. 2015	Dr. Sagar Agravat	
32		GERMI/I- 2014/105		Mr. Vignesh J.					Sri P.H. Rao	
33		GERMI/S- 2014/104	One and Half Month			College of Technology and Engineering, Udaipur	2nd June 2014	I I I I I I I I	II)r Sagarkiimar	Performance evaluation of canal top solar PV project with ground mounted solar power plant

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34		-	Two Months	Ms. Gauravi Joshi		Pandit Deendayal Petroleum University, Gandhinagar	7th May 2014	Not Confir med	Dr. Sagarkumar Agravat	Employment of Pumped-Hydro Energy Storage to Store Access Energy from Wind through Simulation and Mathematical Modeling
35		GERMI/S- 2014/102	Two Months	IMr Vivek laiswal		Pandit Deendayal Petroleum University, Gandhinagar	2014	llulv	Prof. Dr. T. Harinarayana	Thermal cooling for portable electronic devices
36			Two Months			Pandit Deendayal Petroleum University, Gandhinagar	2014	Hulv	Prof. Dr. T. Harinarayana	Enhancement of Solar Energy generation using two layer solar panels
37		-	Two Months	IMr Suhag Patel		Pandit Deendayal Petroleum University, Gandhinagar	16th May 2014	16th July 2014	Dr. Sagarkumar Agravat	Optimization of Multiple Energy Resources for Microgrid Design in Gujarat
38		GERMI/S- 2014/99	One and Half Month	IMr Sanket Patel		Pandit Deendayal Petroleum University, Gandhinagar	2014	30th June 2014	Dr. Omkar Jani	High Penetration of Photovoltaics in a Distribution Feeder

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39		7/11/1/UX	One and Half Month	Mr Ankit Rhatt		Pandit Deendayal Petroleum University, Gandhinagar	2014	16th July 2014	Dr. Omkar Jani	Solar Generation Forecasting
40	onclave W he Solar bruz ladar	GERMI/S- 2014/97	One and Half Month	N/IC Irv/ N/Iehta		Pandit Deendayal Petroleum University, Gandhinagar	2014	16th July 2014	Dr. Omkar Jani	SMART Meter
41		GERMI/S- 2014/96	Two Months	Mr. Abhisht Yadav		Pandit Deendayal Petroleum University, Gandhinagar	16th May 2014	16th July 2014	Dr. Omkar Jani	Real Time Sensor data acquisition using remote sensors
42		GERMI/S- 2014/95	Two Months	Ms Heema loshi		Pandit Deendayal Petroleum University, Gandhinagar	2014	16th July 2014	Dr. Omkar Jani	Advanced Metering Infrastructure for Gujarat Power Utilities
43		GERMI/S- 2014/94	Two Months	Mr Aditus Musc		Pandit Deendayal Petroleum University, Gandhinagar	2014	16th July 2014	Dr. Omkar Jani	Case for Developing MICROGRID at CMPDI Campus, Ranchi

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44		-	Two Months	Mr. NVS Manyam Telukuntla		University of Petroleum and Energy Studies, Dehradun	20th May 2014	JUIV	Dr. Sagarkumar Agravat	Optimization of Micro Wind Turbines in low wind regimes
45			Two Months	Mr. Anand Patil		Indian School of Mines, Dhanbhad	20th May 2014	19th July 2014	Dr. Zaheer Hasan Syed, Mr. P.H. Rao, Dr. Abdul Rasheed, Dr. PLS Rao	Integrated approach using surface geochemical adsorbed soil gas and trace metal anomalies with 3D seismic data for evaluation of hydrocarbon prospects
46		,	Two Months	Ms. Shubhangi Kala	list year	The Maharaja Sayajirao University of Baroda, Vadodara	15th May 2014	Not Confir med	Dr. Zaheer Hasan Syed, Mr. P.H. Rao, Dr. Abdul Rasheed, Dr. PLS Rao	Integrated approach using surface geochemical adsorbed soil gas and trace metal anomalies with 3D seismic data for evaluation of hydrocarbon prospects
47		-	Two Months	Ms. Payal Saxena	1st Year M.Tech	Birla Institute of Technology, Mesra – Ranchi	15th May 2014	15th July 2014	Dr. Omkar Jani	To Study Performance of Different Solar Photovoltaic Module Technology at GSECL 1 MW Project, Gandhinagar, Gujarat
48				· ·		Malla Reddy Engineering College - Hyderabad	14th May 2014	Hulv	Prof. Dr. T. Harinarayana	Solar Energy Potential estimation in India with special reference to the states of Gujarat, Andhra Pradesh and Telangana

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49			Two Months	_	3rd Year B.Tech	Indian Institute of Technology, Madras	1 7/1/1//	HHHV	Mr. Sanjay Behura, Dr. Omkar Jani	Chemically derived graphene/n-Si heterojunction solar cell: An experimental and theoretical study
50			Two Months	IMr K Uday Kiran		Delta Studies Institute- Visakhapatnam	17014	16th July 2014	Mr. P.H. Rao, Mr. Santosh Dhubia, Mr. K. Ramachandra	Delineation of thin sands and channels using inversion studies and well property prediction using neural network
51		•	Two Months		2nd Year M.Sc. Tech	Andhra University, Visakhapatnam	17014	16th July	Mr. P.H. Rao, Mr. Santosh Dhubia, Mr. K. Ramachandra	Seismic attribute studies for delineation of faults, fractures, thin sands and channels on 3D seismic data
52			Two Months	1	1st Year M.Tech	Indian Institute of Technology, Bombay	17017	Hirly	Prof. Dr. N.S. Varandani	Life Cycle Analysis of Household Water Tanks – LLDPE, RCC and Metal Tanks
53	CONTRACTOR OF THE PARTY OF THE	•	Two Months	Ms. Meena Ejjada	1st Year M.Tech	Indian Institute of Technology, Guwahati		16th July 2014	Prof. Dr. N.S. Varandani	Application of Graphene in wastewater treatment to remove organics

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54	TOTOL	GERMI/S- 2014/83	Two Months	Ms. Charu Goel	4th Year B.Tech (Integrated Dual Degree)	Indian Institute of Technology (BHU), Varanasi	171171	IIMav	Mr. Sanjay Behura, Dr. Omkar Jani	Junction investigation of hybrid inorganic / organic heterojunction solar cell
55		,	Two Months	Mr. Punit Malik	2nd Year M.Sc.	Indian Institute of Technology, Bombay	13th May 2014	11th July 2014	Mr. P.H. Rao, Mr. Santosh Dhubia, Mr. K. Ramachandra	Acoustic impedance inversion studies for delineation of thin sands, channels and identification of low impedance area for the delineation of hydrocarbon prospective zones
56		GERMI/S- 2014/81	Two Months	Crivactava	3rd Year M.Tech (Integrated)	Indian Institute of Technology, Roorkee	13th May 2014	11th July	Mr. P.H. Rao, Mr. Santosh Dhubia, Mr. K. Ramachandra	Reservoir characterization using Synth-Rock plugin (Hit-Cube Inversion) on 3D Seismic data-set.
57		GERMI/S- 2014/80	Two Months	Mr. Kshitij Tiwari	3rd Year B.Tech	Indian Institute of Technology, Kanpur	12th May 2014	Hulv	Prof. Dr. T. Harinarayana	Optimization and Simulation of Grid Tied Rooftop Micro Wind Turbine in Low Wind Speed Regime
58			Two Months	Mr. Harshit Patel	I1st Year	The Maharaja Sayajirao University of Baroda, Vadodara	12th May 2014	Not Confir med	Dr. Zaheer Hasan Syed, Mr. P.H. Rao, Dr. Abdul Rasheed, Dr. PLS Rao	Integrated approach using surface geochemical adsorbed soil gas and trace metal anomalies with 3D seismic data for evaluation of hydrocarbon prospects

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
59	THE H.D.	GERMI/S- 2014/78	Two Months	l Raia	3rd Year M.Sc. (Integrated)	Indian Institute of Technology, Kharagpur	12th May 2014	12th July 2014	Mr. P.H. Rao, Mr. Santosh Dhubia, Mr. K. Ramachandra	Development of Root Mean Square seismic attribute plug-in for OpendTect software using Graphics Processing Unit
60		GERMI/S- 2014/77	Two Months	Ms. Swati Vidyarthi	2nd Year M.Sc. Tech	Indian School of Mines, Dhanbhad	12th May 2014	12th July	Mr. P.H. Rao, Mr. Santosh Dhubia, Mr. K. Ramachandra	Seismic attribute studies for delineation of faults, fractures, thin sands and channels on 3D seismic data
61		GERMI/S- 2014/76	Two Months	Sahni	3rd Year B.Tech (Integrated Dual Degree)	Indian Institute of Technology, Roorkee	12th May 2014	11th July 2014	Dr. Omkar Jani	Estimation of PV Plant Performance based on insolation and average ambient temperature
62		GERMI/S- 2014/75	Two Months	Mr Aiay Kumar	4th Year B.Tech	Kalinga Institute of Industrial Technology, Bhubaneswar	2014	HHW	Mr. Sanjay Behura, Dr. Omkar Jani	Experimental and Theoretical Analysis of Graphene/P-GaN interface

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63		GERMI/S- 2013/74	Two and Half Months	Mr. Nilesh Kumar		Pandit Deendayal Petroleum University, Gandhinagar	25th April 2014	5th July 2014	Dr. Omkar Jani	Feasibility Analysis of Polysilicon manufacturing plant in Gujarat
64		GERMI/S- 2013/73	Two and Half Months	Mr. Saunak Sarkar		Pandit Deendayal Petroleum University, Gandhinagar	25th April 2014	5th July 2014	Dr. Omkar Jani	Feasibility Analysis of Polysilicon manufacturing plant in Gujarat
65		GERMI/S- 2013/72	Four Month	Ms. Ashma Kazi	2nd Year M.Sc.	Gujarat University	1st January 2014	10th April 2014	Prof. T. Harinarayana	Energy Efficiency in Industries - A Mitigation Strategy
66		GERMI/S- 2013/71	Four Month		2nd Year M.Sc.	Gujarat University	1st January 2014	IΔnril	Prof. T. Harinarayana	Energy Efficiency in Industries - A Mitigation Strategy

SUMMER INTERNSHIP PROGRAM - YEAR 2013

Sr. No.	Dicture at Student I	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
67		-	One Month	Mr. Darbar Devendrasinh Udaisinh		Vellore Institute of Technology	20th Decembe r 2013	20th January 2014	Dr. Sagarkumar Agravat and Prof. Dr. T Harinarayana	Measurement and Monitoring of Solar Panel having special attachment of thermal cooling
68		GERMI/S- 2013/69	2 weeks	Mr. Parth Chauhan		Pandit Deendayal Petroleum University	4th Decembe r 2013	18th Decem ber 2013	Dr. PLS Rao	Occurrence of Petroleum and Prospectivity of Indian Basin: A Review
69		GERMI/S- 2013/68	2 weeks	Mr. Atul Khatri		Pandit Deendayal Petroleum University	4th Decembe r 2013	18th Decem ber 2013	Dr. PLS Rao	Occurrence of Petroleum and Prospectivity of Indian Basin: A Review
70		GERMI/S- 2013/67	3 weeks	Mr. Tushar Kumar		Pandit Deendayal Petroleum University	27th Novemb er 2013		Dr. Sagarkumar Agravat	Not Available
I 71		GERMI/S- 2013/66	3 weeks			Pandit Deendayal Petroleum University	27th Novemb er 2013		Dr. Sagarkumar Agravat	To Design, Develop and Control microgrid system for Optimization and control

Sr. No.	Picture of Student I	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)			Date of Leaving	Name of Guide(s)	Title of the Project
72		GERMI/S- 2013/65	3 weeks	,		Pandit Deendayal Petroleum University	Novemb	17th Decem ber 2013	Dr. Sagarkumar Agravat	To Design, Develop and Control microgrid system for Optimization and control
73		GERMI/S- 2013/64	4 Months	IME Chalna Salgia		Pandit Deendayal Petroleum University			Dr. Sagarkumar Agravat	Solar Passive Design of SPT-4 Building
74		GERMI/S- 2013/63	4 Months	~		Pandit Deendayal Petroleum University	AUPUST		Dr. Sagarkumar Agravat	Solar Passive Design of SPT-4 Building
75		GERMI/S- 2013/62	One Year	Mr. Rajesh A Yadav		Pandit Deendayal Petroleum University	2012	2nd July 2013	Dr. Omkar Jani	Reliablity of Data Transfer in Distributed Smart Grid Network
76					4th Year B.E.	Kalol Institute of Technology	2/th May	ΙΔιισιιςτ	Dr. Sagarkumar Agravat	Study of solar shade analysis on cultivated lands

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
77			Two Months	Ms. Kamili Venkata Vasavi		Medha College of Engg. Hyderabad			Prof. T. Harinarayana	Study of solar shade analysis on cultivated lands
78		-	Two Months	Ms. Poonam Kumari	2nd Year M. Tech	IIT - Roorkee			Sri PH Rao, Mr. Santosh Dubhia, Mrs. Priyanka Sen	Delineation of faults and fractures using seismic data
79		-	Two Months	•	3rd Year B. Tech	Nirma Uni - Ahmedabad			Mr. Sagar Agravat, Prof. T. Harinarayana	Design and optimization of PV module and heat exchanger for cooling of solar PV module
80		-	Two Months		2nd Year M.Sc.	ISM - Dhanbad			Sri P.H. Rao, Dr. Abdul Rasheed, Dr. K. Srinivas	Integration of geo- microbial/adsorbed soil gas anomalies and 3D seismic studies for evaluation of hydrocarbon resource potential in parts of KG onshore
81			Two Months		2nd Year B. Tech	IIT - Madras			Dr. Omkar Jani	Performance assessment of solar power plant in Gujarat on megawatt scale

Sr. No.	Dicture at Student I	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
82			Two Months	IMs Aanal Purani	2nd Year M. Tech	CEPT - Ahmedabad			Dr. Omkar Jani	GIS mapping of rooftop solar plants in Gandhinagar
83		-	Two Months	IMr Kamal Batra	3rd Year M.Sc.	IIT - Kharagpur			Mr. Sanjay Behura, Dr. Omkar Jani	Junction characteristics of chemically derived graphene-on-semiconductors
84		GERMI/S-	One & Half Month	Mr. Salman Khan	2nd Year B. Tech	IIT - Delhi			Mr. Sagar Agravat, Prof. T. Harinarayana	Design and optimization of heat exchanger for cooling of solar PV module
85		-		Ms. Surabhi Nanduri	3rd Year B. Tech	JNTU - Kakinada			Sri P.H. Rao, Dr. Abdul Rasheed, Dr. K. Srinivas	Integration of geo- microbial/adsorbed soil gas anomalies and 3D seismic studies for evaluation of hydrocarbon resource potential in parts of KG onshore
86				•	3rd Year M.Sc.	AU - Vishakapatnam			Sri PH Rao, Dr. Syed Zaheer Hasan	Delineation of channels and thin sand using spectral decomposition and seismic attributes

Sr. No.	Dicture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)		Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
87		GERMI/S- 2013/50	Two & half months	IV/Ir /\nkit Vadav	2nd Year B. Tech	IIT - Indore			Dr. Omkar Jani	Development of working model for compressed air energy utilization
88	Training American		Two Months	IMc Aditi Rhatt	2nd Year M.Sc.	ISM - Dhanbad			Sri PH Rao, Mr. Santosh Dubhia, Mrs. Priyanka Sen	Delineation of faults and fractures using seismic data
89			Two Months	IMr Mithil Pandey	3rd Year B. Tech	NMIMS - Mumbai			Dr. Manoj Kumar & Dr. Omkar Jani	Designing of parabolic trough for low concentrator photovoltaic (LCPV) system
90			Two Months	Mc K Swarna	3rd Year B. Tech	IIT - Kanpur			Prof. T. Harinarayana	Development of Geotourism in Kutch region, Gujarat, India: An innovative approach
91			Two Months	IMr Ahhay Kumar	3rd Year Int. M.Sc.	IIT - Kharagpur			Santosh Dubhia, Dr.	Acoustic impedance inversion to study the low impidance area for the detection of hydrocarbon

Sr. No.	Dicture at Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Leaving	INIAMA OT GUIDALEI	Title of the Project
92		GERMI/S- 2013/45	Inair		2nd Year B.Tech	NIT - Rourkela		Dr. Omkar Jani	Development of working model for compressed air energy utilization
93	-	GERMI/S- 2012- 13/44	One week		6th Sem B. Tech	Nirma Instiute of Technology, Ahmedabad, Gujarat.		Dr. Omkar Jani	Mismatch Loss Estimation
94	-	GERMI/S- 2012- 13/43	One week		6th Sem B. Tech	Nirma Instiute of Technology, Ahmedabad, Gujarat.		Dr. Omkar Jani	Degradation in Thin-film P.V modules
95	-	GERMI/S- 2012- 13/42	One week		6th Sem B. Tech	Nirma Instiute of Technology, Ahmedabad, Gujarat.		Dr. Omkar Jani	Study of Grid-Connected Inverters
96	-	GERMI/S- 2012- 13/41	One week	Mr Kunal Ruch	6th Sem B. Tech	Nirma Instiute of Technology, Ahmedabad, Gujarat.		Dr. Omkar Jani	Construction of A Solar Module

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
	SL	JMN	ЛER	INTE	RNSI	HIP PROG	RA	M	- YEAR	2012
97	_	· ·	One Month	Mr. Amit Dubey	3rd Year	CEPT University, Navrangpura, Ahmedabad, Gujarat.			Dr. Omkar Jani	Management practices following construction project
98	_	GERMI/S- 2012/39	Two Months	Mr. Chaitanya Arvind Deshpande	2nd Year Master	KTH, Royal Institute of Technology, Valhallavagen, 10044, Stockholm, Sweden			Dr. Omkar Jani	Feasibility study of hybrid power generating system based on solar and biomass technology
99	-	GERMI/S- 2012/38	Two Months	Mr. Ashish S. Parekh	2nd Year Master	KTH, Royal Institute of Technology, Valhallavagen, 10044, Stockholm, Sweden			Dr. Omkar Jani	Feasibility study of hybrid power generating system based on solar and biomass technology
100		GERMI/S- 2012/37	Two Months	Ms. Gaori Bhargava		Jindal School of International Affairs Opp. Jindal Global University, Sonipat Narela Road, Nr. Jagdishpur Village, Sonipat, Haryana - 131 001			Dr. Omkar Jani	Energy planning & Policy

Sr. No.	Dicture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)		Date of Leaving	Name of Guide(s)	Title of the Project
101		-	One Month	Mr. T. Sai Sumanth Reddy	3rd Year Bachelor	Pandit Deendayal Petroleum University, Raisan, Gandhinagar-382 007		Prof. T. Harinarayana	GIS project related to Smart grid
102		GERMI/S-	One & Half Month	,	2nd Year Bachelor	Amrita Vishwa Vidhyapeetham Amritanagar P.O. Ettimadai, Coimbatore, Tamil Nadhu - 641 112		Prof. T. Harinarayana	Aircraft disaster management in Gujarat using Geographic information system
103		•	Two Months	Ms. A. Suprabha Sharada	Bachelor	Pandit Deendayal Petroleum University, Raisan, Gandhinagar-382 007		Dr. Omkar Jani	Designing an automatic Solar Tracking System
104		-	Two Months			IIT Roorkee Indian Institute of Technology, Roorkee - 247 667		Dr. Syed Zaheer Hasan	Petroliferous basins of India- resource evaluation and unconventional hydrocarbon assets
105					2nd Year Master	IIT Roorkee Indian Institute of Technology, Roorkee - 247 667		Dr. Syed Zaheer Hasan	Hydrocarbon assessment of petroliferous basins of India and future trends of exploration and production

Sr. No.	Dicture at Student I	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Leaving	Name of Guide(s)	Title of the Project
106		-	Two Months		3rd Year Bachelor	Indian Institute of Information Technology Design & Manufacturing Melakkottaiyur, Chennai - 600 048		Dr. Omkar Jani	Compressed air energy storage system
107		-	Two Months			IIT Madras Chennai - 600 036		Prof. T. Harinarayana	GIS applications on oil and gas pipelines
108			Two Months	Pemmanahovidi	3rd Year Bachelor	IIT Kharagpur Kharagpur - 721 302 West Bengal		Dr. Omkar Jani	A method to determine the grid (distribution grid) reliability with respect to solar photovoltaic power generation
109			Two Months	Mr. Deevi Venkata Pavan Tej	3rd Year	Indian School of Mines (ISM Dhanbad - 826 004 Jharkhand		Dr. Omkar Jani	Design of dual axis, semi automatic solar tracker
110	AND DESCRIPTION OF THE PARTY OF				3rd Year Bachelor	IIT Kharagpur Kharagpur - 721 302 West Bengal		Dr. Omkar Jani	Performance analysis of a one mega watt solar photovoltaic power plant

Sr No	Dictiire of Stiident	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
11			Two Months	IMr Amit Sinha		Indian School of Mines, Dhanbhad, Jharkhand			Dr. R. Gopichandran	Modeling of Mindhola Estuary, Gujarat
11			Four Months	IMs Ananya Das	2nd Year M Sc	CEPT University, Navrangpura, Ahmedabad, Gujarat.			Prof. T. Harinarayana	Oil spil & gas leakage study of Gujarat State using GIS tools
11		10/10/2012/2	Four Months		2nd Year M Sc	CEPT University, Navrangpura, Ahmedabad, Gujarat.			Prof. T. Harinarayana	Oil and gas information system of Gujarat
11	i -	14/14/2011/2/2011	Four Months	IMs Komal Digrani	2nd Year M Sc	CEPT University, Navrangpura, Ahmedabad, Gujarat.			Prof. T. Harinarayana	Proposition of smart grid electrical network for Gujarat State using GIS
11	THE PERSON NAMED IN		Four Months	IN/Ir Indra N/I Iava	2nd Year M Sc	CEPT University, Navrangpura, Ahmedabad, Gujarat.			Prof. T. Harinarayana	Energy budget for different districts of Gujarat

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
116	-	GERMI/PET /2012/21	One Month	Mr. Rahul P. Rai	1st Year M.Sc. Tech	Banaras Hindu University Dept. of Geology, Varanasi - 221 005, UP			Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Hydrocarbon reservoir evaluation and interpreation by well logging
117	-	GERMI/PET /2012/20	One Month	Mr. Abhinav Om Shyam Om Kinker	1st Year M.Sc. Tech	Banaras Hindu University Dept. of Geology, Varanasi - 221 005, UP			Dr. Syed Zaheer Hasan	Reservoir characterization by interpreting well log in parts of Krishna Godavari Basin
118	-	GERMI/PET /2012/19	One Month	Mr. Om Prakash Chandrapal Upadhyay	1st Year M.Sc. Tech	Banaras Hindu University Dept. of Geology, Varanasi - 221 005, UP			Dr. Syed Zaheer Hasan	Evaluation of petrophysical parameters for assessing hydrocarbon potential in KG Basin
	SUN	ЛΜІ	ER I	NTERI	NSHI	P PROGR	AV	1 - `	YEAR 2	2010-11
119	-	GERMI/PET /2011/18	One Month	Ms. Ansuya Das	3rd Year M.Sc. Tech	Indian School of Mines Department of Applied Geophysics Dhanbad - 826 004, Jharkhand			Dr. Syed Zaheer Hasan	Estimation of petrophysical properties of KG basin by interpreting log data

Sr. No.	Dicture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Joining	Date of Leaving	Name of Guide(s)	Title of the Project
120	-	GERMI/PET /2011/17	Ten Days	IMs Mokshda lha		Pandit Deendayal Petroleum University, Gandhinagar			Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of cambay basin
121	-	GERMI/PET /2011/16	Ten Days			Pandit Deendayal Petroleum University, Gandhinagar			Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of cambay basin
122	-	GERMI/PET /2011/15	Ten Days			Pandit Deendayal Petroleum University, Gandhinagar			Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of KG basin
123	-	GERMI/PET /2011/14	Ten Days	Mr. Akshat Vinod Sharma		Pandit Deendayal Petroleum University, Gandhinagar			Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of cambay basin
124	-	GERMI/PET /2011/13	Ten Days	IV/Ir V/Allavian R		Pandit Deendayal Petroleum University, Gandhinagar			Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of KG basin

Sr. No.	IPicture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)		Date of Leaving	Name of Guide(s)	Title of the Project
125	-	GERMI/PET /2011/12	I Lan I lave			Pandit Deendayal Petroleum University, Gandhinagar		Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of KG basin
126		GERMI/PET /2011/11	Ten Days			Pandit Deendayal Petroleum University, Gandhinagar		Hacan X, IVIr K	Estimation of hydrocarbon potential of cambay basin
127	-	GERMI/PET /2011/10	Ten Days			Pandit Deendayal Petroleum University, Gandhinagar		Dr. Syed Zaheer Hasan & Mr. K. Ramachandran	Estimation of hydrocarbon potential of KG basin
128	-	GERMI/SOL /2011/9	One Week	Mr. Prateek Gaure	3rd Year B.E	A.D. Patel Institute of Technology, Vidhyanagar		Dr. Omkar Jani	Solar Energy
129		GERMI/SOL /2011/8	One Week	Mr. Abhinav Bhansali	3rd Year B.E	A.D. Patel Institute of Technology, Vidhyanagar		Dr. Omkar Jani	Solar Energy

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)		Date of Leaving	Name of Guide(s)	Title of the Project
130	-	GERMI/EN CC/2011/7		IMr Nirai Modi	12nd Vear	Centre for Environmental Planning and Technology, Ahmedabad		Dr. R. Gopichandran	Database to strengthen Compliance Trade names of Ozone Depleting Substances (ODS) for UNEP under OzonAction Programme
131	-	GERMI/EN CC/2011/6		III/Ir Karan Shah		Gujarat University, Dept of Botany, Ahmedabad		Dr. R. Gopichandran	Important funds on climate change adaptation, analysis of trust areas and some potential emerging trend
132	-	GERMI/SOL /2011/5	One Year	Ms. Sushma Mara		Pandit Deendayal Petroleum University, Gandhinagar		Dr. Omkar Jani	Intelligent validation of PV System & performance parameters
133	-	GERMI/SOL /2011/4	Four Months	Ms. Lopamudra J. Joshi		Gujarat University, Dept of Botany, Ahmedabad		Dr. Omkar Jani	Costing and analysis of Solar Photovoltaic
134	-	GERMI/SOL /2011/3	Four Months	IN/IC Night lochi	2nd Year M Tech	Centre for Environmental Planning and Technology, Ahmedabad		Dr. Omkar Jani	Infrastructure Engineering & Management and her topic is Maximum Requirement of Solar Energy in Urban Infrastructure

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	University / Department	Date of Leaving	INAME OF GUIDEIS)	Title of the Project
135	-	GERMI/SOL /2011/2	Four Months	Rameshbhai		Dharamsinh Desai University, Nadiad		Dr. Omkar Jani	Wireless Monitoring of Energy Generation, Transmission and Distribution Parameters for Solar City
136	-	GERMI/SOL /2010/1	One Week	Ms. Amita Rajpurohit	Rrd Year B F	Jodhpur University, Rajasthan		idr. Omkar Jani	Critical Study of Very Large Size Photovoltaic Systems in Deserts

Gujarat Energy Research and Management Institute Ph.D. Dissertations

Sr. No.	GERMINA NO	Year	Name	Qualification	University / Department	Name of Guide(s)	Project Title

Sr. No.	Picture of Student	GERMI Ref. No.	Duration	Name	Qualification (Degree Year Specialisatio n)	Hinivarcity / Hanartmant	Date of Joining	Date of Leaving	Mama of Guidale)	Title of the Project	
1	GERMI/2010/PhD/ 1	2010-Presen	Sanjay Beh	Ph.D.	Pandit Deendayal Petroleum University, Gandhinagar	Dr. Omkar Jani		Develop	ment of Graphene fo	r Photovoltaic Applications	
2	GERMI/2010/PhD/ 2	2010-Presen	Pramila Ma	Ph.D.	Pandit Deendayal Petroleum University, Gandhinagar	Dr. Omkar Jani	Design Optimization of Wide Band Gap InGaN Solar Cells				
3	GERMI/2010/PhD/ 3	2010-Presen	Sasmita Na	Ph.D.	Academy of Scientific and Innovative Research (AcSIR), NewDelhi	Dr. Sarama Bhattacharjee	Desi	gn Develo	opment and Characte Compo	risation of Nanocarbon Polymer sites	