

PROJECTS APPROVED IN RDC MEETING HELD ON 30 JANUARY 2014

PROJECTS APPROVED UNDER UNDERGRADUATE CATEGORY

SL. No.	Project ID	Title	Division	Students	Guide	Institute
1	UG2014038	Synthesis of Aluminium foam and comparison of its properties by varying the foaming agent	Metallurgical & Materials Engineering	Saurabh Agarwal, saurabh.agarwal.met10@iitbhu.ac.in ; 7376158644	Dr K K Singh, kksingh.met@iitbhu.ac.in; 9956949289	IIT-BHU,Varanasi
2	UG2014039	Study of ageing behaviour of copper added austenitic grade stainless steel and modeling the ageing characteristics	Metallurgical & Materials Engineering	Shweta Shukla; shwetashukla.nitrr@gmail.com;8103 937029	1.Dr S Ganguly, 2.Prof M K Chopkar; subhasmatsc@gmail.com; 9433396665	NIT,Raipur
3	UG2014040	Automated crack detection and healing in an aircraft structure	Aerospace Engineering	Nirmal Raj Kumar D,lamrin.clickonf5@gmail.com; 9092699547	Prof J Arivudainambi; hod_aero@gmail.com; 9894445988	Adhiyamaan College of Engg.,Hosur,Tamilnadu
4	UG2014041	Solar Based Sewage Blockage Detection System	Electronics & Telecommunication Engineering	Prashasti Nagar, prashastinagar20@gmail.com , 9784762692	Nakul Audeechya, nakul.audeechya@gmail.com; 9660043996	Shrinathji Institute of Technology & Engineerin, Rajasthan
5	UG2014042	Design Of An Adaptive Coal Mine Rescue Robot Using Wireless Sensor Networks.	Computer Technology	S Subbulakshmi, subbulakshmi172@gmail.com; 9443157688	Dr V Gomathi; vgcse@nec.edu.in; 09486449790	National Engineering College,Kovilpati,Tamilnadu
6	UG2014043	Wireless bomb detector and diffuser spying robot	Electronics & Telecommunication Engineering	Supriyo Roy; supriyosupriyo2007@gmail.com; 7872522706	1. Arup Ray 2.Mitra Chatterjee; iamarupray@gmail.com; 9681086619	Birbhum Institute of Engg and Technology, Suri
7	UG2014044	Development Of A LPG Gas Level Indicator Trolley For Household Application	Mechanical Engineering	Gajendra Pache, Nilesh Sonune, Kanchan Bhoite; gpache46@gmail.com 09175484582	Sachin Bhalerao, sv_bhalerao@rediffmail.com 09881177646	Jawaharlal Darda Institute of Engineering and Technology, MIDC Lohara,Yavatmal, Pin Code 445001,
8	UG2014045	Cost Effecitve Fully Automatic Power Wheel Chair for Old Age and Disabled	Mechanical Engineering	Mritunjay Bharti; mrityunjai.bharti@gmail.com; 8103653371	1. Chandrakant Badgaiyan, 2.Sanjay Kr Singh; chandrakant.elex@gmail.com, 09926656599	Chhatrapati Shivaji Institute of Technology, Shivaji Nagar,Balod Road,PO.Pisegaon,Durg,Chh

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9	UG2014046	Hanging Power Plant	Electrical Engineering	Tania Karmakar, tania.k157@gmail.com; 09563526860	1.Dr Apurba Chatterjee, 2. Dr Subrata Samanta; apurbanirsha@gmail.com; 09835185630	Asansol Engineering College Vivekananda Sarani Asansol, West Bengal-713305
10	UG2014047	Automatic load control with respect to power generation using smart meter	Electronics & Telecommunication Engineering	P Dinesh Kumar; dineshpankharaj@gmail.com; 8056520989	Prof Dr K Gnanambal, gnans_balu@rediffmail.com; 09865780450; Prof S Parthasarthy	K.L.N. College of Engineering, Pottapalayam - 630 611. Sivagangai District. (11Kms
11	UG2014048	Solar based crack detection & alert system for dam protection	Electronics & Telecommunication Engineering	V Karthik, C Selvarathinam; karthikvijay231992@gmail.com;741 8114425	Nakul Audeechya, nakul.audeechya@gmail.com; 9660043996	Shrinathji Institute of Technology & Engineering, Upali Oden, P.O.Nathdwara, Rajsamand,
12	UG2014049	Smart System for the diagnosis of dyslexia with FMRI using image processing techniques	Electronics & Telecommunication Engineering	Ms V G Veena, Ms Needhu Ouseph, Mr Shafi M C ; veenakvenugopalan@gmail.com; 9400838775	P Suresh, Prof. & Head -ECE Dept. psureshvenugopal@gmail.com; 9895928056	Royal College of Engineering & Technology, Chiramanangad PO; Akkikkavu, Thrissur DT,
13	UG2014050	Briquette Burner	Mechanical Engineering	Allen Alexander ,allenalex03@gmail.com;	Prof (Dr) M C Philipose mangattu,mcphilipose@hotmail .com;946449179	Saintgits College of Engineering,Kottukulam Hills, Pathamuttom PO, Kottaym Kerala-686532
14	UG2014051	Autonomous Ground Vehicle For Remote Area And Border Surveillance	Electronics & Telecommunication Engineering	RUCHIKA BHUTADA; bhutadard@gmail.com; 9404040300	SURESH HALHALLI, basupatil12@gmail.com; 9902682626/ 8552875338	M.S.BIDAVE ENGINEERING COLLEGE VASWADI, LATUR- 413531
15	UG2014052	Design and development radio controlled hybrids estolas UAV prototype for disaster rescue mission	Mechanical Engineering	GVGS Nagendra; gvgsnagendra@gmail.com; 9700734660	Dr S M Jameel Basha, Dept. of Mechanical Engineering; jameeljunaid@gmail.com; 9440755301	Intell Engineering College, Akkampalli Cross, KLD Road, Anantapur-515004
16	UG2014053	Radio controlled underwater vehicle for underwater border surveillance	Electronics & Telecommunication Engineering	Sachin Jonnikere, sachin81h@gmail.com; 08792209239	Dhanraj Biradar, biradar.dhanraj@gmail.com; 08147631642	Bheemanna Khandre Institute of Technology, Bhalki, Karnataka-585328
17	UG2014054	To measure the characteristics of a load cell	Electronics & Telecommunication Engineering	Deepika Garg, depikagarg787@yahoo.com; 8054313049	Inderpreet Kaur, Dept. of Electronics & Communication Engineering ; inder_preet74@yahoo.com;	Swami Vivekandand Institute of Engineering & Technology,Ramnagar Banur, Banur Dist. Patiala,

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18	UG2014055	Use of bamboo as reinforcement in lintels	Civil Engineering	Manas Kumar Mallick, Suraj Kumar, Jitendrakumar Barik, mkmlipu@gmail.com; 9438163908	Prof M P Panda, rec_bbsr@yahoo.co.in; 9861036834	Raajdhani Engineering College Near Mancheswar Railway Station, Mancheswar, Bhubaneswar,
19	UG2014056	Development of solar drier for agricultural application	Mechanical Engineering	Nepolean Choudhury, nplnchoudhury@gmail.com; 8895593417	Dr Bimal Sarangi, bimal_binit@yahoo.com, 9437123892	Raajdhani Engineering College Near Mancheswar Railway Station, Mancheswar, Bhubaneswar,
20	UG2014057	Water Powered Car	Mechanical Engineering	Santosh Murali T	Dr. N. VAASU, Dept. of Electrical Engineering ; Vemuprincipal@gmail.com, 08886661149,	VEMU INSTITUTE OF TECHNOLOGY, P.KOTHAKOTA, PAKALA... CHITTOOR DIST,ANDHRA

PROJECTS APPROVED UNDER POSTGRADUATE CATEGORY

1	PG2014008	Behaviour of piled raft foundation in soft consolidationg soil	Civil Engineering	Saurav Mitra, mitrasaurav13@gmail.com; 9432160928	Dr Bikash Chandra Chattopadhyay, Dept. of Civil Engg., ccbikash@yahoo.com; 9007959371	Meghnad Saha Institute of Technology,Uchhepota,Kolkata-7000156
2	PG2014009	Design and Implementation of reduced switch cascaded multilevel inverter	Electrical Engineering	Laxi Shankar Selvam;08807485100	Dr Nalin Kant Mohanty, EEE Dept. nkmtech@gmail.com, 09940017187	Sri Venkateswara College of Engineering,Pennalur,Sriperumbudur,Chennai-602105
3	PG2014010	Removal Of Heavy Metals From Wastewater Using Polypyrrole	Chemical Engineering	Bablu Alawa, alawa.bablu1990@gmail.com	Dr Jitendra Kumar Srivastava, Chemical Engg. Deptt.; dr_jks@rediffmail.com	Ujjain Engineering College, Ujjain-456010
4	PG2014011	Investigation on electrical and physical properties of transformer oil and natural ester oil using nano-composites	Electrical Engineering	Arun Ram Prasth R T;arprastha.hve@gmail.com;9629076250	Dr R Karthick, hvekarthick@gmail.com;9842569750	National Engineering College,Kovilpati,Tamilnadu
5	PG2014012	Development and Evaluation Of Air Assisted Horizontal Sleeve Boom Sprayer With Electronic Sensor System	Agricultural Engineering	AVINASH T.J, avinashatallur@gmail.com ;9611259867	Dr M Anantachar, anantachar3@gmail.com,9480163906	College of Agricultural Engg,Raichur, Lingasgur Road, Karnataka-584104
6	PG2014013	Design and development of an automated rice transplanter	Aerospace Engineering	Kanak Kalita, Sayahnya Roy, kanak_kalita@yahoo.co.in;8900168487	1.Dr Nityananda Nandi, 2. Dr Salil Halder; nityananda@mailcity.com;9830354744	BESU, Shibpur

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7	PG2014014	Implementation Of 1- Φ Pwm Rectifiers Using DSP	Electrical Engineering	Divya Sajeesh	Sincy George, sincyeapen@yahoo.com;9869125295	Fr C R Institute of Technology, Sector-9A,Vashi, Navi Mumbai-400703
8	PG2014015	Development Of Hybrid Power Generation Model Using Solar,Wind And Rain Water	Electrical Engineering	V.T.VARUNA MITHRA varun.mithra24@gmail.com 09490003776	Dr. M.V.S.S.Giridhar, mvssgiridhar@gmail.com 09440590695	Institute Of Science & Technology, Jawaharlal Nehru Technological University, Hyderabad-500085
9	PG2014016	Surface Roughness Evaluation of Turned Surfaces using Computer Vision System	Mechanical Engineering	Ravi Keerthi C; ravikeerthi0691@gmail.com; 9008674290	Dr Srinivasa P Pai, Dept. of Mechanical Engineering; srinivasapai@rediffmail.com, 9448296723	NMAM Institute of Technology, NITTE, Karkala Taluk, Udupi, Karnataka-574110
10	PG2014017	Influence of a babool and bamboo as areinforcement in the strength of the concrete member	Civil Engineering	V Pradeep Kumar, R Rajeev Gandhi,	Dr S Arulselvan, arulselvan_cit@yahoo.co.in; 9842293245	Coimbatore Institute of Technology, Civil Aerodrome Post, Avinash Road,Coimbatore,Tamilnadu-641014
11	PG2014018	Development of an Intelligent Recognizer of Component Analysis of Industrial Sewage Gas Mixture	Computer Technology	Dwaipayan Das	Monjul Saikia, Assistant Prof, Deptt. Of CSE, monjuls@gmail.com; 9422875216	North Eastern Regional Institute of Science and Technology, Papumpare, Nizal, Assam-781102

PROJECTS APPROVED UNDER PhD CATEGORY

1	DR2014004	Experimental studies on electronic cooling system using newtonian and non newtonian nanofluids	Mechanical Engineering	Ramesh Babu; brb.bec@gmail.com; 09642903233	Dr Kiran Kumar ; kkirankuma2000@gmail.com; kiran@nitw.ac.in;9494153851	NIT, Warrangal-506004
2	DR2014005	Design and development of photovoltaic power system with different technologies using remot monitoring system	Mechanical Engineering	S V Satyanarayana; svajrapu18@gmail.com; 9849625525	Dr Sateesh Bandaru; sateesh_india@rediffmail.com ; 9550293989	Vignan's Institute of Information Technology, Besides VSEZ, Duvvada, Vadlapudipost, Gajuwaka,Visakhapatnam-530049
3	DR2014006	Advanced power quality management system for grid connected large scale wind farm	Electrical Engineering	D P Kadam; dpkadam@gmail.com; 9422838716	Prof Dr B E Kushare; be_kushare@rediffmail.com ;9420906281	K K Wagh Institute of Engineering Education & Research, Amruthdham, Panchawati, Nasik-422003