

## APPROVED UG & PG PROJECT PROPOSALS

### UG PROJECT PROPOSALS

SL. No.	Project ID	Title	Div	Duration (mths)	Applicant(s)	Guide	Institute
1	RDUG2016111	Detection of Endodontic Therapy using image processing	Computer Engineering	6	G Bavithra, V Meena, T Periyanyaki, H Pongomathi, g.bavithra94@gmail.com	Dr G Wiselin Jiji, jjiivevin@yahoo.co.in,9443087064	Dr Sivanthi Aditanar College of Engineering, Tiruchendu
2	RDUG2016112	Recovery of aluminium from Aluminium dross	Metallurgical & Materials Engineering	6	Ishika Sahay, Neha Dhookia, neha.dhookia.met12@iitbhu.ac.in,09651735271	Dr K K Singh,kksingh.met@iitbhu.ac.in,09956949289	Indian Institute of Technology, BHU,Varanasi
3	RDUG2016114	Enhancement of Heat Transfer for electronic devices using heat pipes with nanofluids	Mechanical Engineering	6	Goushik Nag, Bharath Babu K P K, Jebindher Singh Jackson B, goushik@gmail.com,09884442496	S Nallathambi, thambipoorvi@gmail.com, 09629113204	K L N College of Engineering, Madurai
4	RDUG2016119	Fabrication and testing of Roselle / Sisal fiber reinforced Polyester composite as a wood substitute material	Metallurgical & Materials Engineering	5	D Ganesh, J Thirupathi Kumar, Md Fareed Bilal; ganesh_d37@yahoo.co.in,9500104705	Thiru Chitrambalam, G Prabhakar,thiruchim_research@rediffmail.com, thirucbe2014@gmail.com,926907722	Velammal Engineering Colleg, Surapet, Chennai
5	RDUG2016121	Design and development of disposable silver screen printed electrode for Halogen detection in water bodies	Biomedical Engineering	6	Arun Kumar,Gopi Vignesh,Nivash Kumar,arunkumar.m.2012@rajalakshmi.edu.in,9944892238	Dr Kalpana Ramakrishnan, Sudha Singaram, kalpana.r@rajalakshmi.edu.in,9382189894	Rajalakshmi Engineering College, Chennai
6	RDUG2016122	Automatic Blister pack quality monitoring system for small and medium scale pharmaceutical Firms(SMPFS)	Electronics & Telecommunication Engineering	6	Ratish Rao N,Pavana P, Aiswhwarya N;ratishrau07@gmail.com,07411569553	Dr B Surekha, borrasurekha@gmail.com,08105000448	K S Institute of Technology,Bangalore

### PG PROJECT PROPOSALS

SL. No.	Project ID	Title	Div	Duration (months)	Applicant(s)	Guide	Institute
1	RDPG2016039	A Novel Tree approach for data aggregation in wireless sensor nodes	Electronics & Telecommunication Engineering	10	Ramya Krishna Dhulipalla, drk409@gmail.com,8465096619	Dr M Kamaraju, madduraju@yahoo.com,9849157394	Gudlavalleru Engineering College, Andhra Pradesh
2	RDPG2016040	Plastic waste management by recycling of polymer with reinforcement of metal powder for prototyping,miling and drilling applications	Production Engineering	6	SUDHIR KUMAR RANVIJAY KUMAR VINAY KUMAR Sudhirdwivedi1992@gmail.com 918054784839	Rupinder Singh, rupindersingh78@yahoo.com, 9872257575	Guru Nanak Dev Engineering College, Ludhiana

3	<b>RDPG2016043</b>	Water contamination detection and theft prevention system	Electronics & Telecommunication Engineering	8	Anjana Hari, anjanah007@gmail.com, 09539300751	Dr S Swapna Kumar, swapnakumar.s@vidyaacademy.ac.in, 09995493058	Vidya Academy of Science & Technology, Thrissur, Kerala
4	<b>RDPG2016044</b>	Wireless body sensing in a smart hospital system	Electronics & Telecommunication Engineering	8	Muhsina Latheef, muhaznalatheef@gmail.com, 08111851223	Dr S Swapna Kumar, 2.Sojan Francis swapnakumar.s@vidyaacademy.ac.in, 09995493058	Vidya Academy of Science & Technology, Thrissur, Kerala
5	<b>RDPG2016046</b>	Maximum power point tracking of solar photovoltaic system under partial shading condition	Electronics & Telecommunication Engineering	12	Priti Das, pritidas.1009@gmail.com, 07205269477	Byamakesh Nayak, Alivrani Mohapatra, bnayakfel@kiit.ac.in, amohapatrafel@kiit.ac.in; 09437782149	KIIT University
6	<b>RDPG2016047</b>	Vibration and damping characteristics of woven aloe vera fibre fabric/hybrid polymer uniform and tapered honeycomb sandwich composite structures	Mechanical Engineering	12	S Kovalan, kovalan@live.ca, 9600299293	G Venkatachlam, g.venkatachlam@vit.ac.in, 7358244532	VIT University, Katpadi, Vellore
7	<b>RDPG2016049</b>	Development of radial swaging tool for cold working of inner surface of cylinder	Mechanical Engineering	3	Gulvir Singh, 9592457515, gulvir75@gmail.com	Dr Sehijpal Singh, Dr Jatinder Kapoor, jatinder_kapoor@gndec.ac.in, 9814857865	Guru Nanak Dev Engineering College, Ludhiana