

Institute Name	RAJALAKSHMI ENGINEERING COLLEGE									
India Ranking 2017 ID	IR17-ENGG-1-1-2816315348									
Discipline	ENGINEERING									
Parameter	Consultancy Projects									
2D.FPPP	Financial Year	S.No	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Sanctioned	Date of funds received	Amount received (in Rupees)
	2015-16	1	Dr. R. Sundar, ECE	DST-IDP	Novel vision based blister pack inspection for Pharmaceutical Industries	No. IDP/IND/05/2013	14/08/2015	3,957,000	16/10/2015	2,181,000
		2	Dr. S. Geetha., Civil	DST- SERB	Characteristics of Geopolymer Aerated Concrete using Mineral Admixtures	No. YSS/2014/000044	10/09/2015	2,094,000	01/10/2015	1,747,090
		3	Dr. R.Sundar & Dr. L. Sujatha ECE	DRDO GTRE	Fabrication of MEMS Accelerometer for vibration sensing in Gas Turbines	GTRE/GATET/SM02/1516/088/16/01	12-01-2016	996,000	29/01/2016	996,000
		4	Dr. N.M Sudharsan, Mechanical	DRDO GTRE	Detail Engineering design of a Compressor Test Rig for Small Gas Turbine	GTRE/GATET/CF16/1516/085/16/01	12/01/2016	992,000	29/01/2016	992,000
		5	Dr.N.M.Sudharsan Mechanical	ICMR	Thermography as a tool to detect foetus abnormality	No. 5/20/10/Bio/213-NCD-1,	23/03/2015	711,000	22/04/2015	561,404
		6	Dr. R. Sundar, Head CSRC & Dr. L. Sujatha, Head, CEMM	ALWEL	Development of Micro-thin films for Microfluidic applications through physical & chemical deposition techniques	ALWEL/RP/2015/12	08/07/2015	5,700,000	05/11/2015	5,200,000
		7	Dr. R.Sundar, Head, CSRC & CEMV	NIPL	Design and development of Quality testing systems through Machine Vision Systems for automobile and pharma industries	NIPL/2015-R/03	12/11/2015	4,320,000	14/01/2016	4,320,000
		8	Dr. L. Sujatha., ECE	AERB	Fabrication of Nano oxide based sensor on stabilized nano Zirconia for detection of H2S	53.05.2013/58,	18/02/2013	696,000	29/10/2015	696,000
		9	Dr. L. Sujatha., ECE	DRDO – ER&IPR	Fabrication of Polymer micromolds for MEMS Biosensors using soft Lithography	ERIP/ER/1204662/M/01/14 98	18/09/2013	418,000	05/06/2015	418,000
		10	Dr. R.Sundar, Head, CSRC	ALWEL	Disposition of Thin Film MEMS & Microfluidic devices fabricated at CLASS 1000 & CLASS 10,000 Clean rooms	ALWEL/RP/2015/14	03/12/2015	5,800,000	24/12/2015	5,800,000
	2014-15	1	Dr. L. Sujatha, ECE & Dr. R. Sundar, ECE	DST-TSDP	Fabrication of low Cost MEMS Micro Fluidic Devices using Metal Embossing Technology on Glass for Lab-On-Chip Applications	DST/TSG/ME/2013/111-G	19/03/2015	12,456,000	29/03/2015	8,816,740
		2	Dr. S. Poonkuzhali, IT	DST – SEED	Interactive Teachind Aid for Autistic Children (ITAAC)	SEED/TIDE/034/2013 (G),	04/09/2014	3,830,000	12/11/2014	2,380,000
		3	Dr. S. Poonkuzhali, IT	AICTE-RPS	Efficient Prediction and monitoring Tool for Diabetes Patients using Data Mining and Smart Phone System	No.: 8-169/RIFD/RPS/POLICY-1/2014-15	02/03/2015	470,000	09/03/2015	423,529
		4	Mrs.R. Manonmani, AP, Department of Chemistry	UGC- Minor	Functionally graded hydroxyapatite/tricalcium phosphate coatings on Ti by Electrophoretic Deposition for biomedical applications	MRP-6035/15(SERO/UGC)	16/01/2015	255,000	28/01/2015	182,500
		5	Mrs. Lokina. S , AP, Department of Chemistry	UGC- Minor	Green Synthesis of Nobel metal nano Particles (Pt and Pd) and their biomedical applications	MRP-6090/15(SERO/UGC)	16/01/2015	335,000	28/01/2015	287,500
		6	Mr. K. Suresh babu, AP, Department of Chemistry	UGC- Minor	Photocatalytic and Electro catalytic properties of Metal doped Zinc oxide Nanomaterials	MRP-6035/15(SERO/UGC)	16/01/2015	305,000	28/01/2015	255,000
		7	Mr.S. Mohandoss,, AP, Department of Chemistry	UGC- Minor	Development of Novel Bioactive Nano Zirconia Coatings on Medical Grade 316L SS for Dental Implant Applications	MRP-6034/15(SERO/UGC)	16/01/2015	255,000	28/01/2015	182,500
		8	Mrs. K.Seethalakshmi, AP, Department of Chemistry	UGC- Minor	Preparation of 3D scaffolds by synthesis of aligned and nonaligned nano bioceramic containing nanofibers by electrospinning	MRP-6089/15(SERO/UGC)	16/01/2015	303,000	28/01/2015	231,500

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		9	Mrs.Anitha.T, AP, Department of BT	UGC- Minor	Chitosan Collagen Polyvinyl Alcohol Polymer Composite Nanofibers : Characterization, Antimicrobial Studies and its Wound Healing Effects	MRP-6154/15(SERO/UGC)	16/01/2015	285,000	28/01/2015	142,500	
		10	Ms. Jeba Samuel , AP, Department of BT	UGC- Minor	Bioflocculation And Biosurfactant Activity of Nostoc Cyanobacteria	MRP-6155/15(SERO/UGC)	16/01/2015	190,000	28/01/2015	95,000	
		11	Mrs. M. Millicent Mabel, AP, Department of BT	UGC- Minor	Antibacterial and Antiviral activity of Marine Actinomycetes on Multidrug Resistant Luminescent Bacteria And Yellow Head Virus (YHV) Affecting Giant Tiger Prawn (Penaeus Monodon)	MRP-6156/15(SERO/UGC)	16/01/2015	300,000	28/01/2015	225,000	
		12	Mrs. Rekha Ravindran, AP, Department of BT	UGC- Minor	Elucidation of Mechanism of Action of Withaferin A Present In Ashwagandha Using Serial Molecular Docking Method And Pharmacophore Modeling	MRP-6160/15(SERO/UGC)	16/01/2015	110,000	28/01/2015	97,500	
		13	Mrs. A.N. Nithya, AP, Department of BME	UGC- Minor	Design and Development of Powered Lower Limb Exoskeleton for Hemiplegic Patients	MRP-6117/15(SERO/UGC)	16/01/2015	300,000	28/01/2015	275,000	
		14	Mrs. N. Padmasini, AP, Department of BME	UGC- Minor	Development of automated tool for early diagnosis of Diabetic Retinopathy From SDOCT retinal images using virtual instrumentation	MRP-6119/15(SERO/UGC)	16/01/2015	200,000	28/01/2015	145,000	
		15	Mr. R. Premkumar, AOP, Department of BME	UGC- Minor	Development of a device to detect Obstructive Sleep Apnea (OSA) during wakefulness using breathing sounds	MRP-6118/15(SERO/UGC)	16/01/2015	370,000	28/01/2015	340,000	
		16	Mrs. G. Ramya, AP, Department of MECH	UGC- Minor	Industriail Case Study Analysis for Job Shop Scheduling And Its Integration With Production Resource Planning	MRP-6100/15(SERO/UGC)	16/01/2015	100,000	28/01/2015	57,500	
		17	Mr. S. Arulmurugan, AP, Department of MECH	UGC- Minor	Vibration Analysis Of Nano Clay Filled Natural Fiber Composites	MRP-6101/15(SERO/UGC)	16/01/2015	500,000	28/01/2015	487,000	
		18	Mr. E. Shankar, AP, Department of MECH	UGC- Minor	Surface Modified Roller Burnishing Of Al-SiC Composites	MRP-6102/15(SERO/UGC)	16/01/2015	485,000	28/01/2015	470,000	
		19	Mrs. S.Suganthi , AP, Department of ECE	UGC- Minor	Fabrication of an EIS Biosensor for Detection of Uric Acid Level in Human Body	MRP-6142/15(SERO/UGC)	16/01/2015	410,000	28/01/2015	285,000	
		20	Mr. M.Sathish, AP, Department of ECE	UGC- Minor	Enhancement of radiation characteristics of antenna using meta material for mobile application	MRP-6136/15(SERO/UGC)	16/01/2015	410,000	28/01/2015	325,000	
		21	Mr.Suresh Chandra Khandai, AP, Department of AERO	UGC- Minor	Study of supersonic jet characteristics	MRP-6149/15(SERO/UGC)	16/01/2015	475,000	28/01/2015	447,500	
		22	Mr.Surendra Bogadi, AP, Department of AERO	UGC- Minor	Acoustic measurement of High speed jets	MRP-6150/15(SERO/UGC)	16/01/2015	460,000	28/01/2015	420,000	
		23	Mr.AJD. Nanthakumar, AOP, Department of AUTO	UGC- Minor	Application of Magneto Rheological fluid damper for use in Automotive suspension.	MRP-6103/15(SERO/UGC)	16/01/2015	460,000	28/01/2015	357,500	
		24	Mr. P. Kumar, AOP, Department of IT	UGC- Minor	An Optimized workflow scheduling for E-Learning in Cloud Computing	MRP-6113/15(SERO/UGC)	16/01/2015	40,000	28/01/2015	37,500	
		25	Dr. L.Sujatha, Head, CEMM	NIPL	Design and pre fabrication of MEMS Accelerometer & Fabrication of Thin films for microfluidic devices	NIPL/2014-R/01	14/07/2014	3,545,000	11/08/2014	3,545,000	
		26	Dr. L. Sujatha., ECE	AERB	Fabrication of Nano oxide based sensor on stabilized nano Zirconia for detection of H2S	53.05.2013/58,	18/02/2013	422,460	29/12/2014	422,460	20,933,729
	2013-14	1	Dr. L. Sujatha., ECE	DRDO – ER&IPR	Fabrication of Polymer micromolds for MEMS Biosensors using soft Lithography	ERIP/ER/1204662/M/01/1498	18/11/2013	2,168,600	20/01/2014	1,731,800	
		2	Dr. D. HariPriya, Bio-Tech	DST – SERB	Elucidation of Mechanism by which propylthiouracil clears Lesions in Psoriatic Patients	SR/FT/LS-125/2012,	18/12/2012	1,537,000	03/03/2014	1,537,000	
		3	Dr. L. Sujatha., ECE	AERB	Fabrication of Nano oxide based sensor on stabilized nano Zirconia for detection of H2S	53.05.2013/58,	18/02/2013	2,400,000	17/04/2013	1,522,460	
		4	Dr. T.R. Sundararaman, Bio-Technology	AICTE-RPS	Identification of toxicity mechanism through the relationship between exposure and changes in Genome-Wide gene expression pattern by using bioinformatics tools	8-119/RIFD/RPS/POLICY-3/2013-14,	23/12/2013	1,890,000	17/02/2014	1,776,667	
		5	Dr. Yogesh Kumar Sinha	NIPL	Study of supersonic mixing characteristics & Evaluation of Jet characteristics under boosted speed conditions	NIPL/2013-R/02	10/04/2013	1,045,000	06/05/2013	1,045,000	

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		6	Dr. P. Rajasekar, Bio-Technology	AICTE-RPS	Development of plant based gold nanoparticles with special reference to high - fructose diet induced insulin resistance	8-164/RIFD/RPS/POLICY-4/2013-14,	09/01/2014	776,471	21/03/2014	698,824	8,311,751