

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
Completed Research Projects last 5 years

S.NO.	Grant Received From	Scheme	File No. / Date	Total Amount Rs.	Non Recurring	Recurring	Grant Utilized	Achievements	Date of Sanction / Received	Utilisation Submitted Date	Title
1	DST	FIST	SR/FST/College-210/2014©	4000000.00	3800000.00	200000.00	3585991.17	Completed	14/09/2015	23.03.2022	To Strengthen the Research facilities in all Science Departments of the College 50:50 mode (Principal Dr.A.V.Ratna Prasad)
2	All India Council for Technical Education	RPS	F.NO.8-217/RIFD/RPS/POLICY-1/2014-15 ,dated 25/03/2015	1411765.00	1200000.00	211765.00	1270029	Completed	24/09/2015	16/04/2018	Machine Vision technology for Automobile and Agricultural based small scale industries (Dr.N.Ravi Kumar, ME dept.)
3	All India Council for Technical Education	Skill and Personality Development Programme Centre for SC/ST students	F.NO.1-3/RIFD/SPDP/Policy-1/2014-15 dt.12.01.2016	2100000.00	2100000.00	0.00	2099163.00	Completed	12.01.2016	28/01/2022	Skill and Personality Development Programme Centre for SC/ST students (Dr.K.Ramchandra, English)
4	DRDO	ANURAG	ANURAG/MMG/CARS/2015-16/055, DT. 03.03.2016	980000.00	0.00	980000.00	882241.00	Completed	16/06/2016	15/02/2018	"Analysis & Implementation of energy harvesting techniques to power GPS" (Dr.B.Srinivasa Rao, EEE)
5	Department of Space (ISRO)	Respond Programme	ISRO/RES/4/627/16-17, DT. 30.09.2016	1690000.00	280000.00	1410000.00	1714486.00	Completed	30/09/2016	30/06/2019	"Development and evaluation of algorithms for automated tree delineation and tree parameters (height and crown diameter) estimation for forestry applications" (Dr.M.Suneetha, IT , HOD)
6	Department of Space (ISRO)	Respond Programme	ISRO/RES/4/626/16-17, DT. 08.10.2016	1450000.00	255000.00	1195000.00	1409508.00	Completed	08/10/2016	15/12/2018	"Development of Web based tools for online/offline inclusion of value added services and analysis on BHUVAN for high resolution satellite imagery" (Dr.K.Suvarna Vani, CSE)
7	SERB	Extra Mural Research Funding (Individual Centric)	EMR/2016/002211, Dt.15.03.2017	4181560.00	2381560.00	1800000.00	3313731.00	Completed	21/03/2017	29.06.2020	Protection of reinforcement Steel from Corrosion using Phosphonate-based Formulations" Dr.MVSN. RAJU, Civil & Dr.S.Srinivasa Rao, chemistry
8	All India Council for Technical Education	International Conference	F.NO.67-40/RIFD/GOC/POL-1/2016-17, DT.07-06-2017	500000.00	0.00	500000.00	626184.00	Completed	07/01/2017	24/01/2018	International conference on Smart sustainable cities-2017 (Dr.Chava Srinivas, HOD, CE)
9	University Grants Commission	Minor Research Project	F.NO.MRP-6532/16(SERO/UGC), DT. JUNE-2017	280000.00	180000.00	100000.00	234407.00	Completed	15/07/2017	26/06/2019	Security Risk Model in Linux services (Dr.A.Ramakoteswara rao, Prof. IT dept/
10	DRDO	Defence Services - Research & Development	F.NO.ERIP/ER/20170106/M/01/1688, DT.11.08.2017	6505000.00	4006000.00	2499000.00	6752457.00	Completed	11/08/2017	02/12/2021	Design and Analysis of Multi Octave Band EW Phased Array Using a Printed Radiator Covering 6-18GHz (Dr.K.S.Ramakrishna, Dr.N.N.Sastry & Dr.,V.Praveen Naidu)

S.NO.	Grant Received From	Scheme	File No. / Date	Total Amount Rs.	Non Recurring	Recurring	Grant Utilized	Achievements	Date of Sanction / Received	Utilisation Submitted Date	Title
11	All India Council for Technical Education	MODROB	F.NO.9-150/RIFD/MODROB/Policy-1/ 2016-17, dt. 08.09.2017	800000.00	800000.00	0.00	800630.00	Completed	29/09/2017	07/09/2019	Three phase fault simulator with relay coordination, single phase distance relay and Numerical transformer differential relay, HOD, EEE, Dr.PVRL Narasimham)
12	All India Council for Technical Education	MODROB	F.NO.9-142/RIFD/MODROB/Policy-1/ 2016-17, dt. 08.09.2017	1039800.00	856306.00	183494.00	1019732.00	Completed	03/10/2017	22/04/2019	Development of smart sensor based technologies for personal and wearable robotics, ECE, HOD, Dr.K.S.Ramakrishna)
13	AICTE	FDP	F.No. 34-55/ /RIFD/Policy-1/2017-18 dt. 14.03.2019	375000.00	0.00	375000.00	304501.00	Completed	05/04/2019	07/12/2019	FDP on Technology adoption and implementation towards a Smart Society (IT Dept.) (Anuradha)
14	AICTE	International Conference	F.No.67-5/RIFD/GOC/Policy-1/2017-18 dt. 22.04.2019	500000.00	0.00	500000.00	324624.00	Completed	02/04/2019	13.11.2019	International Conference on "Advances in renowned renewable energy Technologies" (Dr.Sanka Srinivasa Prasad, ME dept.)
15	AICTE	PRERANA	F.No.72-policy(16)/RIFD/PRERANA/2017-18 dt.14.03.2019	766000.00	0.00	766000.00		Completed	05/04/2019	28/10/2022	PRERANA-Programme Centre for SC/ST Students (College Level)
16	AICTE	MODROB	F.NO.9-150/RIFD/MODROB/Policy-1/ 2017-18, dt.26.03.2019	1529000.00	1529000.00	0.00	1888000.00	Completed	05/04/2019	13.07.2020	Modernization of Metrology Laboratory (MODROB) (Dr.N.Vijaya Sai, ME Dept.
17	DST / SERB	SERB	SRG/2019/002236 Dt.24.10.2019	2344180.00	1097080.00	1247100.00	2107831.00	Completed	26/11/2019	31.10.2021	"Optimization of low cost lab-on-chip platforms for the development of biomedical applications" (Dr.Matta Durga Prakash, ECE Dept)
18	AICTE	STTP	F.No. 36-65/220/RIF/STTP/Policy-1/2018-19, dt. 12.12.2019	300000.00	0.00	300000.00	296668.00	Completed	04/02/2020	15/12/2020	"Trends and challenges in Design and implementation of Reconfigurable Antennas for increased spectrum access in Cognitive Radio Communication" (Dr.A.Jhansi Rani, Professor, ECE dept.)
19	AICTE	MODROB	F.No.9-246/RIFD/MOD/Policy-1/2018-19, dt. 16.12.2019	1500000.00	1275000.00	225000.00	1500000.00	Completed	16/01/2020	20/12/2022	Modernization of Geotechnical Engineering Laboratory (Dr.Ch.Srinivas, HOD, CE
20	AICTE	STTP	F.No. 34-65/221/RIF/STTP/Policy-1/2018-19, dt. 10.01.2020	300000.00	0.00	300000.00	271867.00	Completed	16/01/2020	15/12/2020	Recent Advances in Forensic Analysis of Sub and Super Structures (Dr.VVN.Prabhakara Rao, Civil Dept.
21	DRDO	Research Service	NSTL/AIO/2020-21/4, dt. 27.05.2020	600000.00	0.00	600000.00		Completed	21/07/2020	31/05/2021	Hydrodynamic and Acoustic analysis of a metallic and composite marine propeller (Dr.S.Srinivasa Prasad, ME dept.)
22	AICTE	STTP	F.No. 34-66/4/FDC/STTP/Policy-1/2019-20, dt. 10.08.2020	345000.00	0.00	345000.00	279000.00	COMPLETED	14/09/2020	26/10/2021	Recent Trends and challenges in power market with smart grid technology (Dr.B.Srinivasa Rao, EEE)

S.NO.	Grant Received From	Scheme	File No. / Date	Total Amount Rs.	Non Recurring	Recurring	Grant Utilized	Achievements	Date of Sanction / Received	Utilisation Submitted Date	Title
23	AICTE	STTP	F.No. 34-66/3/FDC/STTP/Policy-1/2019-20, dt. 10.08.2020	455400.00	0.00	455400.00	360000.00	Completed	14/09/2020	22.12.2021	Trends and challenges in Medical image analysis through Deep Learning Algorithms (Dr.C.S.S.Anupama, EIE dept.)
24	AICTE	FDP	F.No. 34-67/83/FDC/FDP/P-1/2019-20, dt. 30.07.2020	470000.00	0.00	470000.00	371728.00	Completed	10/09/2020	19.01.2021	Rationale for the presence of moral values, ethics, behavioural sciences and attitudinal development for teachers in technical education (Dr.Ch.Rupa, CSE)
25	AICTE	ATAL- FDP	AICTE / ATAL-HQ / 2020-21 / 141 (8); DT 06-07-2021	93000.00	0.00	93000.00		Completed	08/07/2021	24/08/2021	Faculty Development Programme on “ Cyber Security & Digital Forensics ” (Prof. Mariyappan, ECE)
26	AICTE	ATAL - TUNNEL	F.NO.STDS-ACITE-ST-AT/266/2020-2021/26 Dt. 19.08.2021	200000.00	0.00	200000.00	211159.00	Completed	06/10/2021	10/12/2021	Grant for Study Tour of Atal Tunnel under the AICTE Youth Undertaking visit for acquiring knowledge (Yuvak) Scheme" (Team Leader: Ch.Ravi Teja , M.Kanta Rao, Civil Engg. Dept.)
27	AICTE	ATAL- FDP	AICTE / ATAL-HQ / 2020-21 / 250 ; DT 21-09-2021	93000.00	0.00	93000.00		Completed	01/10/2021	11/11/2021	Faculty Development Programme on “ Cyber Security & Digital Forensics ” (Prof. Mariyappan, ECE)
28	AICTE	ISTE- Induction Programme	ISTE/AICTE-ISTE Induction-Refresher Program/2021-22, DT. 15.11.2021	93000.00	0.00	93000.00	93000.00	Completed	13/12/2021	17/02/2022	Induction - Refresher Programme on "Technical Trends and Recent Advances in Industrial Robotics & Applications" (Dr.G.N.Swamy, HOD, EIE Dept.)
29	DST / SERB	Seminar / Symposia Grant	F.NO. SSY/2023/000810, Dt. 25.09.2023	100000.00	0.00	100000.00	91907.00	Completed	12/10/2023	15-02-2024	3 day National workshop on "The next generation VLSI and MEMS devices in Medicine" during 20/12/2023 to 22/12/2023 Dr.J.Sateesh, ECE dept.
30	AICTE	ATAL FDP	F.NO.1691559692/AICTE/ATAL/2023-24 Dt. 06.11.2023	350000.00	0.00	350000.00	290000.00	Completed	01/12/2023	14/01/2024	"Sustainable Energy Systems and Applications" Coordinator : Dr.S.Srinivasa Prasad, ME dept.
31	AICTE	ATAL FDP	F.NO.1690972258/AICTE/ATAL/2023-24 Dt. 06.11.2023	350000.00	0.00	350000.00	289503.00	Completed	01/12/2023	11/01/2024	"Novel Materials, Devices and Applications" Coordinator: Dr.Aniruddh Yadav, ECE dept