

RESEARCH PROJECTS APPLIED TO NATIONAL FUNDING AGENCIES

COMPLETED

S. No	Title of the Project	Principal Investigator & Co-investigator	Agency	Amount / Ref. No.	Sanction Letter
1	Modernization and Removal of Obsolescence Scheme (MODROBS)	Chief Coordinator Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering and Principal	AICTE New Delhi	Rs 12,25,000 /- (2013-14)	Letter No.9-149/RIFD/MO DROB/Policy-1/2013-14(Pvt.)
2	Spatial Distribution of Uranium and Associated Water Quality Parameters in Ground Water/drinking water of four districts (Srikakulam, Vizianagaram, Visakhapatnam, East Godavari) and Yanam (UT of Panducherry).	Principal Investigator Dr.P.V.S.Machiraju, Professor of Chemistry Co-Investigators 1 Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering and Principal Co-Investigators 2 Mrs.K.Vani Sri Krishna Asst.Prof. of Chemistry	BRNS BARC Mumbai	Rs 26, 94,350/- (2016-18)	Sanction No.36(4)/16 /20/2015-BRNS, Dt.28/3/2016
3	“Exergy and Exergoeconomic Evaluation of Thermal Power Plants”	Principal Investigator Dr P Kumar Babu Professor of ME.	AICTE Sponsored One Week Online STTP	Rs. 292666 /- (2020-21)	Ref. No. 34-65/201/RIFD /STTP/Policy -1/2018-19

ONGOING

S. No	Title of the Project	Principal Investigator & Co-investigator	Agency	Amount / Ref. No.	Sanction Letter
1	Enhancement of Tribal People Livelihood through Intervention of Banana Fiber Handicrafts	PI: Dr. M. Radhika Mani CO-PI: Dr. G. Satish Dr. R. Dharmalingam Dr. T. Srikanth Mr. S. Vamsi Kiran	(STI Hub for ST Scheme R&D) DST (SEED) Gov. of India	Rs 71,09,460/- (2020-2023)	Ref No: DST/SEED/TSP/STI/2020/335
2	Socio-economic upliftment of SC communities through Cultivation and Sustainable utilization of Azolla and Microalgae Biomass as Cattle and Fish feed	Principal Investigator Dr.P.V.S.Machiraju, Professor of Chemistry Co-Investigators Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering Mrs.Amulaya Asst.Prof.of Chemistry	(STI Hub for ST Scheme R&D) DST (SEED) Gov. of India	Rs 82,51,132/- (2021-24)	DST/SEED/SCSP/STI/2020/429

APPLIED

S.No	Title of the Project	Principal Investigator & Co-investigator	Agency	Amount / Ref. No
1	Development of plasticizer doped novel concretes and their mechanical properties for consideration as structural materials.	Princial Investigator: Dr.R.V.S.Rama krishna Professor, Department of Civil Engineering Co-Investigator-1 Dr.S.Sambhu Prasad, Professor,,Department of Mechanical Engineering Co-Investigator-2 Dr.P.V.S.Machiraju, Professor &Dean-R&D, Department of Chemistry	SERB DST New Delhi	Submitted on 28-6-18. Ref. ID :182018004599 File No: CRG/2018/001153 Rs 26,06,600/-
2	An Investigative study on chemical and metal toxicity, isotope hydrology of ground water in KG basin region with multivariate factor analysis and remote sensing as special tools and with a special reference to public health.	Princial Investigator: Dr.P.V.S.Machiraju, Professor &Dean-R&D, Department of Chemistry Co-Investigator-1 Dr.S.Sambhu Prasad, Professor,,Department of Mechanical Engineering Co-Investigator-2 Dr.R.V.S.Rama krishna Professor, Department of Civil Engineering	SERB DST New Delhi	Submitted on 21-6-18. Ref. ID :182018001597 File No: CRG/2018/000332 Rs 38,13,100/- (Status-Under consideration for further processing)
3	Developments of coatings for the cutting tool of machining alloys.	Principal Investegator : Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering and Principal	SERB (DST) New Delhi	28-7-2017, Ref. No 182017003456 Rs 41,45,100/-
4	Evaluation of elevated temperature sliding wear behavior of aluminum-based metal matrix composites.	Principal Investigator Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering and Principal	UGC	Ref. No MRP-MAJOR-MECH-2014-69472 Rs 19,52,000/-
5	Recent Advances in Materials and Manufacturing (Scheme: FDP-Faculty Development Program)	Coordinator: Dr.S.Sambhu Prasad, Professor,,Department of Mechanical Engineering and Principal.	AICTE	Application ID: I-3566537733 Applied on 29.11.17 Rs 6,87,500/-

6	Developments of Coatings for the cutting tools of Machining Alloys (Scheme: RPS-Research Promotion Scheme)	Principal Investigator : Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering and Principal	AICTE	Rs 2,500,000/- (Submitted on 30/11/2017) Application Id: 1-3569785448.
7	Refresher programme on engineering Thermodynamics	Coordinator: Dr.P.Kumarbabu, Professor and Head of the Mechanical Department	AICTE	Submitted on 29/11/2017. Rs 3,00,000/-
8	Synthesis and Characterization of some Novel Polymer Composite Materials for Radiation Shielding.	Dr.S.Sambhu Prasad, Prof.of Mechanical Engineering & Principal Dr.G.Satish, Assistant professor, Department of Mechanical Engineering Dr.P.V.S.Machiraju, Professor of Chemistry	BRNS BARC Mumbai	Submitted on 07.01.2019
9	(Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program – 2019).	Principle Investigator Dr S Sambhu Prasad Co-Investigator Dr G Satish	DST Gov. of India	Applied on 14-05-2019 FIST PG COLLEGE LEVEL 0- PROJECT [TPN-32154]
10	“Design and Fabrication of a Hospital Bed for Elderly / Disabled Persons”.	Principle Investigator Dr G Satish Co-Investigator Dr B S V Rama Rao	DST Gov. of India	Applied on 26-08-2019
11	“APPLICATIONS OF ROBOTICS IN MODERN SOCIETY”	Project Investigator: Mr.SRIMANTHULA SRIKANTH Project Associate: Dr.B.S.V.RAMARAO	DST Gov. of India	Proposal Submit Date :30/11/2019
12	MULTI ROBOT SYSTEM AND ROLE OF 3D PRINTING IN ROBOTICS”	Project Investigator: Mr. SRIMANTHULA SRIKANTH Project Associate: Dr.B.S.V. RAMARAO	DST Gov. of India	Proposal Submit Date :30/11/2019
13	Optimization And Utilization Of Cow Dung Sustainable Backyard Farming - A Way To Eradicate Poverty Of Sc Community	Principle Investigator Dr G Satish Co-Investigator Dr. Gollapalli Naresh Mr. Gudimetla Avinash Dr. Yeswanth Akella Mr. Bharath Kumar Ms. Reshma	DST Gov. of India	Applied on 26/04/2022

AICTE Quality Improvement Scheme (AQIS) 2019-20 & 2020-21

Applied on 30.12.2019

S.NO	SCHEMES	AQIS ID	AMOUNT	TITLE	APPLICANT
1	MODRO B	1-7080783851	Rs 19,85,882/-	Modernization of Metallurgy and Mechanics of solids Laboratory with advanced testing and manufacturing facilities.	Dr B S V Rama Rao
2	FDP	1-7081872441	Rs 6,05,775/-	Advances in Materials-Design, Characterization and Manufacturing.	Dr S Sambhu Prasad
3	RPS	1-7094475337	Rs 20,00,000/-	Design and development of nano fluids-based heat transfer medium using MWCNT-H ₂ O Nanofluids and solar Flat plate collector.	Dr G Satish

Applied on 17.12.2020

S.NO	SCHEMES	AQIS ID	AMOUNT	TITLE	APPLICANT
1	FDP	OFFLINE	Rs 7,00,000/-	Multi Attribute Decision Making Methods for Research	Dr R Dharmalingam
2	FDP	OFFLINE	Rs 7,00,000/-	Advances in Nanocomposite Materials – Characterization, Morphological Study and Manufacturing	Dr G Satish