

**PRAGATI ENGINEERING COLLEGE,SURAMPALEM(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING**

APPLIED PROJECTS

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.Ramakrishna 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.Ramakrishna 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/-

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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/-

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Applied during May 2019

S · N o	Title of the Project/Schemes	Funding Agency	Amount	Role	Present Status
1	FIST PG COLLEGE LEVEL 0-PROJECT [TPN-32154] (Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program – 2019).	DST Gov. of India	Rs 76,86,856/-	Principle Investigator Dr S SambhuPrasad Co-Investigator Dr G Satish	Applied on 14-05-2019 (In PROCESS)

Applied during August & November 2019

APPLIED FOR DST

S · N o	Title of the Project/Schemes	Funding Agency	Amount	Role	Present Status
1	Technology Interventions for Disabled and Elderly (TIDE) Title of the project: “Design and Fabrication of a Hospital Bed for Elderly / Disabled Persons”.	DST Gov. of India	Rs 9,00,000/ -	Principle Investigator Dr G Satish Co-Investigator Dr B S V Rama Rao	Applied on 26-08-2019 (Unsuccessful)
2	Project Proposal on Building awareness at School level and ITI, Polytecnic, Advanced Training Institutes (ATI)" Title of the project: Awareness Program on “APPLICATIONS OF ROBOTICS IN MODERN SOCIETY” Programme or Scheme: System Special Call for SC and ST.	Ministry of Science and Technology Government of India. Department of Science and Technology (DST)	Rs 12,75,00 0/-	Project Investigator: Mr.SRIMANTHUL A SRIKANTH Project Associate: Dr.B.S.V.RAMAR AO	Proposal Submit Date :30/11/2019 (Under Processing) Proposal Id: 46490
3	Project Proposal on "Conduction of national level Conferences/Workshops/Seminar	Ministry of			Proposal Submit

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	<p>s/brain storming sessions etc of three days duration"</p> <p>Title of the project: Workshop on "MULTI ROBOT SYSTEM AND ROLE OF 3D PRINTING IN ROBOTICS"</p> <p>Submitted to Division: Interdisciplinary Cyber Physical System Programme or Scheme: Special Call for SC and ST.</p>	<p>Science and Technology Government of India.</p> <p>Department of Science and Technology (DST)</p>	<p>Rs 16,74,000/-</p>	<p>Project Investigator: Mr. SRIMANTHULA SRIKANTH</p> <p>Project Associate: Dr.B.S.V. RAMARAO</p>	<p>Date :30/11/2019 Proposal Id: 46583</p> <p>(Under Processing)</p>
4	<p>"Conduction of national level Conferences/Workshops/Seminars/ brain storming sessions etc of three days duration"</p> <p>Title of the project: Workshop on "CYBER PHYSICAL SYSTEMS IN SMART MANUFACTURING"</p> <p>Submitted to Division: Interdisciplinary Cyber Physical System Programme or Scheme: Special Call for SC and ST.</p>	<p>Ministry of Science and Technology Government of India.</p> <p>Department of Science and Technology (DST)</p>	<p>Rs. 10,60,000</p>	<p>Project Investigator: Mr. MENDA SANTHAN KUMAR</p>	<p>Proposal Submit Date :30/11/2019 Proposal Id: DST/ICPS/SCST/2019/949 (Under Processing)</p>

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Applied during December 2019

AICTE Quality Improvement Scheme (AQIS) 2019-20

Applied on 30.12.2019

S.NO	SCHEMES	AQIS ID	AMOUNT	TITLE	APPLICANT
1	MODROB	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

S.NO	Title of Project	AQIS ID	AMOUNT	TITLE	APPLICANT
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	96,71,400/-	Duration:36 months	29-10-20

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