

PRAGATI ENGINEERING COLLEGE (Autonomous)  
Surampalem-533437

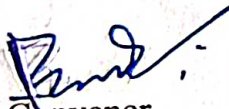
CIRCULAR-28


Date: 12-8--2020

Research Committee meeting will be held on 16-8-2020 at 3.00 P.M in R&D Division under the convenership of Dr. P.V.S. Machiraju, Professor of Chemistry and Dean-R&D to discuss on the following agenda. All the members of the committee are requested to attend without fail.


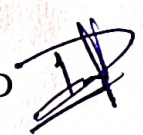
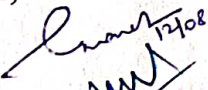
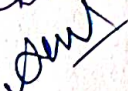
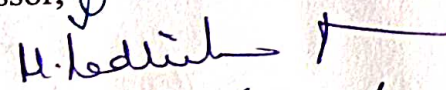

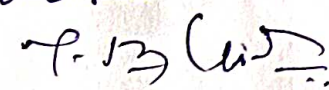
**Agenda:**

1. Ratification of the Research Proposals submitted by Faculty Members as mentioned in the Annexure presented in the previous meeting dated 23-12-2019
2. Ratification of Proposals submitted by Faculty members of Various departments in Lock down period.
3. To discuss on the Research proposals to be submitted by Dr.P.V.S.Machiraju, Professor of Chemistry to Ministry of Mines, DST for funding and to consider for approval for the proposals for submission.
4. Any other item with the permission of the chair

  
Convener  
Research Committee

  
PRINCIPAL  
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# 1-372, ADB ROAD, SURAMPALAM  
Near Padampuram, E.G.Ot. (AP)-533437

Copy to:

1. Dr. P.V.S.Machiraju Professor & Dean (R&D) 
2. Dr. D.B.V.N.S.M. Nagesh, Assoc. Prof & Assoc. Dean-R&D 
3. Dr.G. Naresh, Professor 
4. Dr. G. Satish, Asst. Professor, 
5. Dr. M.Radhika Mani 
6. Dr, S.Suresh, Assoc. Professor 
7. Dr. M.Balaiah, Assoc. Professor & HOD 

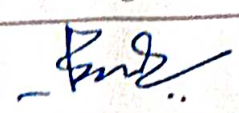
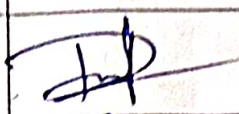
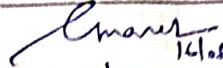
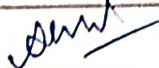
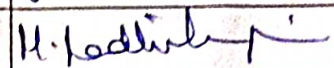
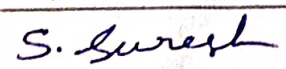
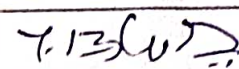
**PRAGATI ENGINEERING COLLEGE (Autonomous)**

**Surampalem-533437**

**Minutes of the Research Committee Meeting-28 dated 16-08-2020**

Research Committee meeting is held on 16-08-2020 at 3.00 P.M in R&D Division under the convenership of Dr. P.V.S. Machiraju, Professor of Chemistry and Dean-R&D to discuss on the following agenda and to adapt resolutions.

**Members Attended:**

S.No	Name	Designation	Dept	Status	Signature
1	Dr. P.V.S.Machiraju	Professor & Dean R&D	BS &H	Convener	
2	Dr.D.B.V.N.S.M. Nagesh	Assoc. Prof & Assoc. Dean-R&D	ECE	Co-Convener	
3	Dr.G. Naresh	Professor	EEE	Member	
4	Dr. G. Satish	Asst. Professor	ME	Member	
5	Dr. M.Radhika Mani	Assoc.Profr & HOD	CSE	Member	
6	Dr, S.Suresh	Assoc. Professor	IT	Member	
7	Dr. M.Balaiah	Assoc. Prof & HOD	BS&H	Member	

**Resolution:**

**Agenda Item No-1:** It is unanimously resolved to ratify the Proposals submitted by the faculty members of various departments (Annexure-1) in the previous meeting dated 23-12-2019.

**Agenda Item-2:** It is also resolved to ratify the proposals (Annexure-2) submitted by faculty members of ECE and CSE to funding agencies and the proposal (Annexure-3) submitted by faculty of CSE.

**Agenda Item-3:** Discussion is made on the proposed proposals to be submitted by Dr. P.V.S.Machiraju, Professor of Chemistry of Chemistry to Department to Ministry of Mines, DST for funding. The members of the Research Committee expressed their consent for approval to Dr. P.V.S.Machiraju to submit his proposal to the funding agency Ministry of Mines, DST for getting funding

**Details on Proposal submitted to Ministry of Mines, DST for sanction of Financial Grant**

S No	Title of the Proposal	PI and Co-PI Details	Scheme	Funding Agency	Financial Grant requested	To be submitted on or before
1	Geochemistry of Ground water, Soil and Bioaccumulation of Heavy Metals in Biota near Manganese Mining areas of North Coastal Andhra with a Special reference to Public Health	Dr.P.V.S.Machiraju	Research	Ministry of Mines DST	Rs. 48,11,800	20-8-2020

## Annexure - 1

Details on Proposals submitted to AICTE for sanction of Financial Grant submitted to Research Committee Meeting dated 23-12-2019

No	Title of the Proposal	PI and Co-PI Details	Scheme	Funding Agency	Financial Grant requested	To be Submitted on or before
1	Modernization of Cyber Security Lab	Dr. M. Radhika Mani	MODROBS	AICTE	18,60,000/-	27-12-19
2	Cyber Security and Ethical Hacking	Dr. M. Radhika Mani	STTP	AICTE	4,80,000/-	27-12-19
3	National Conference on Advances in Computer Vision, Artificial Intelligence and Computer Applications	Dr. M. Radhika Mani	GOC	AICTE	4,60,000/-	27-12-19
4	Modernization of Metallurgy and Mechanics of solids Laboratory with advanced testing and manufacturing facilities.	Dr B S V Rama Rao	MODROB	AICTE	Rs 19,85,882/-	30-12-19
5	Advances in Materials-Design, Characterization and Manufacturing.	Dr S Sambhu Prasad	FDP	AICTE	Rs 6,05,775/-	30-12-19
6	Design and development of nano fluids-based heat transfer medium using MWCNT-H <sub>2</sub> o Nanofluids and solar Flat plate collector.	Dr G Satish	RPS	AICTE	Rs 5,00,00/-	30-12-19
7	Real Time Embedded System, IOT and its applications	Dr.V.Sailaja	STTP	AICTE	2,40,000/-	30-12-19
8	Bio-medical signal processing Lab	Dr Sanjit Kumar Dash	MODROBS	AICTE	18,00,000/-	30-12-19
9	Solar powered bidirectional electric vehicle charger using interleaved boost converter	Dr. K. Satyanarayana	RESEARCH PROMOTION SCHEME	AICTE	Rs. 24,89,411.76/-	30.12.2019
10	Recent Trends in Electrical Vehicles	Dr. K. Satyanarayana	Short Term Training Program	AICTE	Rs.4,80,000	30.12.2019
11	Power Converters, Control and Grid	Dr. K. Satyanarayana	FDP	AICTE	Rs.6,90,000/-	30.12.2019

	Renewable Energy Sources and Introduction to EV					
12	Design and development of nano fluids-based heat transfer medium using MWCNT-H <sub>2</sub> O Nanofluids and solar Flat plate collector	Dr. G. Satish	RPS	AICTEA QIS	Rs 20,00,000/-	30-12-2019
13	Designing of Intelligent System controller for improvement over Environmental Pollutants of thermal power plant	Dr.V.Sailaja / Dr Subodh panda	Research Promoter scheme (RPS)	AICTE	24,50,000/-	02-01-20

*Sns..*

*Subodh*  
PRINCIPAL

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No. 378, ABB ROAD, SURAMPALEM  
Near Peddapuram, E.G.Dt. (AP)-53343

## Annexure-2

Details on Proposals submitted to DST/SERB for sanction of Financial Grant submitted to Research Committee Meeting dated

S No	Title of the Proposal	PI and Co-PI Details	Scheme	Funding Agency	Financial Grant requested	To be submitted on or before
1	Technology based YOGA practice on enhancing immunity & prevention over respiratory disorder for COVID-19 Pandemic.	Dr Subodh Panda & Dr Nagesh Deevi	SATYAM 'Special Call'- COVID-19)	DST	Rs 18,72,000/-	30-04-20
2	AI Hackathon on Health and Agriculture	Dr. S Rao Chintalapu di	SCIENCE MEDIA COMMUNICATION RESEARCH	DST	Rs 5,00,000/-	30-04-20
3	Computer Vision based Framework for Recognition of Infected Persons of COVID-19	Dr M Radhika Mani	SERB-Matrices	SERB	Rs 5,50,000/-	30-04-20

## ANNEXURE-3

Details on Proposals submitted to NCSTC-YASH-DST for sanction of Financial Grant

S No	Title of the Proposal	PI and Co-PI Details	Scheme	Funding Agency	Financial Grant requested	To be submitted on or before
1	Organization of Science Exhibition to create awareness on Science, Health and Risk Management among Students, Teachers and People of East Godavari	Dr M Radhika Mani	NCSTC-YASH-2020-21-DST	DST	Rs 14,77,500/-	30-05-20

*[Handwritten Signature]*