



P.S.R. ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Sevalpatti (P.O), Sivakasi – 626140.

Tamilnadu State



RESEARCH AND DEVELOPMENT CELL

Academic Year (2018 – 2019)

CIRCULAR

Date: 16.07.2018

Head of the Departments and members of the Research and Development Cell are requested to make it convenient to attend the meeting.

Date: 18.07.2018

Time: 10.00 am

Venue: Board Room

Agenda:

- Review of status of the In-house funded projects for the academic year 2017-2018.
- Proposal for Patent Filing/Publishing
- Seed Money to Faculty
- Proposal for Innovative Student Projects
- Incentive for Journal/Conference Publications
- Any other research activities

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P.S.R. ENGINEERING COLLEGE

SIVAKASI-626 140.



P.S.R. ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Sevalpatti (P.O), Sivakasi – 626140.

Tamilnadu State



Minutes of Research Advisory Committee

Date: 19.07.2018

Research Advisory Committee Members:

S.No.	Name of the Member	Role of the Member	Signature
1.	Dr.K.Ganesan	Principal	
2.	Dr.B.G.Vishnuram	Director (Academic)	
3.	Dr.P.Marichamy	Dean	
4.	Dr.M.Shahul Hameed	Dean (Research)	
5.	Dr.S.Ramesh	Member	
6.	Dr. K.Punitha	Member	
7.	Dr. E.Sakthivel	Member	
8.	Dr.M.Arunraja	Member	
9.	Dr.P.Pitchipoo	Member	
10.	Dr.K.Ruba Soundar	Member	
11.	Dr.C.Balasubramanian	Member	
12.	Dr.S.Singaravelan	Member	
13.	Dr.K.Valarmathi	Member	
14.	Dr.K.Subramanian	Member	
15.	Dr.P.Ranjith Kumar	Member	
16.	Dr.R.Srinivasan	Member	
17.	Dr.S.Johnson Raja	Member	

Points Discussed:

1. The Research Advisory Committee recommended and sanctioned the amount for the following In-house research project proposals to support faculty members to initiate their research work.

S.No	Name of the Faculty Members	Dept	Title of the Research Project Proposal	Proposed Amount	Sanctioned Amount
1	Dr.S. Edwin Jose	EEE	Power Quality Disturbances Analysis of BLDC Motor Drive Using Wavelet Transform	1,15,000	95,000
2	Mrs.V.Varalakshmi	BioTech	Biodegradable plastic from shells of <i>Arachis hypogaeae</i>	1,53,500	1,17,000
3	Mrs.A.Dhanalakshmi	CIVIL	Physical Properties of High Strength Self Compacting Concrete using Silica fume and Quarry dust	25,000	20,000
4	Mr.R.Karthik Ragunath	CIVIL	Performance Improvement of Indian Construction Industry by Lean Concept	25,000	18,000
5	Dr.R. Vinoth	ECE	Intelligent Energy Saving System based on standby power reduction	13,950	13,000
6	Dr.P.Marichmay	ECE	Design of integrated reversible fault-tolerant Arithmetic and Logic Unit	65,000	55,000

7	Mr.R.Senthil Ganesh	ECE	Smart Camera for Detecting Unauthorized Person using Raspberry Pi	11,399	10,000
8	Mrs.P.Lingeswari	ECE	Smart Vehicle Locking System from Arduino	8,200	8,200
9	Dr.P.Ranjith Kumar	ECE	Wheelchair Cum Stretcher for Smart Health Care	15,686	15,000
10	Dr.S. Rajasoundaran	CSE	IoT based Crop Field Monitoring and Leaf Disease Identification	25,000	23,000
11	Mr.S.Edwin Raja	CSE	An efficient detection and isolation of Phishing attacks using customized Hidden Markov Model based false prediction	21,000	20,500
12	Mr.P.Raja	MECH	Performance Analysis And Emission Control By Using Fuel Additives And Secondary Air Injection With Diamine Catalyst	65,000	60,000
13	Mr.R Dinakaran	MECH	A Study Of Intergranular Corrosion Behaviour Of 321 Austenitic Stainless Steel	60,000	58,000

			Using Stabilizing Annealing Method		
14	Dr.P. Kannan	MBA	An Empirical Evaluation of Consumer Behaviour In Super Market	Rs.25000	21500

2. The committee advised to submit the following proposals for filing/publishing patents.

S.No	Name of the Faculty Members	Dept	Title of the Patent	Filing/ Publishing
1.	Dr.P.Marichamy Dr.K.Valarmathi	ECE	Smart Cart with Automated Billing using Aadhar	Filing
2.	Dr.P.Karuppasamy Dr.P.Ranjith Kumar Dr.R.Vinoth Mr.R.Senthil Ganesh	ECE	Bore well Rescue Robot	Filing
3.	Mrs.K.Ramalakshmi Mr.S.Balasubramanian Mr.G.Lingasamy Mr.R.Arunkumar	ECE	Underwater Surveillance Robot	Filing
4.	Mr.N.S.Yoga Ananth Mrs.P.Lingeswari Mrs.P.A.Mathina Mrs.M.Vimala	ECE	Automatic Adjustment of Position of Microphone using Ultrasonic Sensor and RF module	Filing
5.	Dr.S.Rajasoundran	CSE	Secure Online Vote Polling System using Protected Operating System Services	Filing
6.	Dr.S.Priyadharsini	CSE	Segmentation and Classification of Liver Images from CT Images	Filing
7.	Dr.A.Ramathilagam	CSE	Deadline Execution in Public Clouds using Enhanced Artificial Bee Colony Resource Mechanism	Filing
8.	Dr.S.Singaravelan	CSE	Voter Face Recognition as a Verification System using RADON Transformation based Electronic Voting	Filing

9.	Dr.S.Amutha	CSE	Energy Optimized Expanding Ring Search Algorithm for Secure Routing Against Black Hole Attack In	Filing
10.	Dr.R.Arun	CSE	Controlling Road Traffic Signal using Image Processing	Filing
11.	Dr.K.Rubasoundar	CSE	Automatic Segmentation of Liver Tumours of Varying Sizes in CT Images using Adaptive Auto Clustering	Publishing
12.	Mr.K.Ganesan	MECH	Friction Stirr Crack Propagation Standstill Technique	Publishing
13.	Dr.R.Rajagopalan	EEE	Design and Development of Smart Waist Belt for Visually Impaired Individuals	Publishing
14.	Dr.R.Madavan	EEE	Modular Design and Implementation of Stepped DC Source Multilevel Inverter by Reducing the Switching	Filing
15.	Dr.R.Madavan	EEE	Prevention of Road Accidents using Smart Helmet	Filing
16.	Dr.P.Pitchipoo	MECH	Novel Power Generator for Automobiles	Filing
17.	Mr.R.Dinakaran	MECH	Tissue Paper Punching Machine in Crackers Manufacturing	Filing
18.	Dr.A.Muthiah	MECH	Design of Scrap Plummeting Shredder Machine	Filing

3. The committee reviewed the status of the In-house funded projects for the academic year 2017-2018.

S.No	Name of the Faculty Members	Dept	Title of the Project Proposal	Status	Remarks
1.	Dr.R. Madavan	EEE	A comparative investigation on effects of nano-particles on characteristics of natural esters-based nano-fluids.	Completed	
2.	Mr.M.Indhumathy	BioTech	Green synthesis of Medicational Food colorant from	Completed	

			Indigoferatinctoria		
3.	Mr.L.Arun Raja	CIVIL	Non Destructive Test on Fiber Reinforced Self Compacting concrete	Completed	
4.	Mrs.M.Vimala	ECE	ATM Security using IRIS retina in image Processing	Completed	
5.	Mrs.K.Ramalakshmi	ECE	Implementation Of Wireless Power Transfer System Using FPGA for Charging Electric Vehicles	Completed	
6.	Dr.P.Marichmay	ECE	Design of Fault-Tolerant Reversible Floating Point Division	Completed	
7.	Dr.K.Valarmathi	ECE	Design, Development and Performance Evaluation of Pressure Sensor using eddy current Displacement Sensing Coil	Completed	
8.	Mr.N.S.YogaAnanth	ECE	Underwater Surveillance Robot	Completed	
9.	Mr.R.Arun	CSE	Analysis of classification Algorithms on different datasets	Completed	
10.	Mrs,N.Krishnaveni	CSE	A Genetic Lifetime Maximization Energy-Balanced Routing Algorithm for Latency Minimized in Wireless Sensor Networks	Completed	
11.	Dr.P.Pitchipoo	MECH	Investigation On Mechanical Behavior Of Aa3003/Cfrp Honeycomb Sandwich	Completed	

			Structure		
12.	Mr.T.Suresh	MECH	Synthesis and Characterization of Metal Oxide Nano Fluid	Completed	
13.	Dr.P. Kannan	MBA	Gratified Employees Bring Productivity : A Study in Textile Industries	Completed	

4. The committee instructed to prepare the list of faculty members who are eligible to receive incentives for reputed Text or Reference Books/ Book Chapters/ Journal/Conference Publications.
5. It is recommended to identify the students innovative Projects for the financial support of Rs.5000/-

[Handwritten Signature]

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RESEARCH AND DEVELOPMENT CELL

Academic Year (2017 – 2018)

CIRCULAR

Date: 19.07.2017

Head of the Departments and members of the Research and Development Cell are requested to make it convenient to attend the meeting.

Date: 20.07.2017

Time: 10.00 am

Venue: Board Room

Agenda:

- Review of status of the In-house funded projects for the academic year 2016-2017.
- Seed Money to Faculty
- Proposal for Innovative Student Projects
- Incentive for Journal/Conference Publications
- Any other research activities

K. S. S. S.

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Minutes of Research Advisory Committee

Date: 21.07.2017

Research Advisory Committee Members:

S.No.	Name of the Member	Role of the Member	Signature
1.	Dr.K.Subramanian	Principal	
2.	Dr.P.Marichamy	Dean	
3.	Dr.M.Shahul Hameed	Dean (Research)	
4.	Dr.S.Ramesh	Member	
5.	Dr.P.Pitchipoo	Member	
6.	Dr.K.Ruba Soundar	Member	
7.	Dr.C.Balasubramanian	Member	
8.	Dr.K.Valarmathi	Member	
9.	Dr.K.Subramanian	Member	
10.	Dr.P.Ranjith Kumar	Member	
11.	Dr.R.Srinivasan	Member	
12.	Dr.S.Johnson Raja	Member	

Points Discussed:

1. The Research Advisory Committee recommended and sanctioned the amount for the following In-house research project proposals to support faculty members to initiate their research work.

S.No	Name of the Faculty Members	Dept	Title of the Research Project Proposal	Proposed Amount	Sanctioned Amount
1	Mr.R. Madavan	EEE	A comparative investigation on effects of nano-particles on characteristics of natural esters-based nano-fluids.	1,18,000	87,000
2	Dr.M.Indhumathy	BioTech	Green synthesis of Medicational Food colorant from Indigoferatinctoria	1,12,830	1,03,000
3	Mr.L.Arun Raja	CIVIL	Non Destructive Test on Fiber Reinforced Self Compacting concrete	20,000	17,500
4	Mrs.M.Vimala	ECE	ATM Security using IRIS retina in image Processing	12,300	12,300
5	Mrs.K.Ramalakshmi	ECE	IMPLEMENTATION OF WIRELESS POWER TRANSFER SYSTEM USING FPGA FOR CHARGING ELECTRIC VEHICLES	22,330	20,000
6	Dr.P.Marichmay	ECE	Design of Fault-Tolerant Reversible Floating Point Division	20,000	20,000
7	Dr.K.Valarmathi	ECE	Design, Development and Performance Evaluation of Pressure Sensor using eddy current Displacement Sensing Coil	38,000	35,000

8	Mr.N.S.Yoga Ananth	ECE	Underwater Surveillance Robot	6,625	6,625
9	Mr.R. Arun	CSE	Analysis of classification Algorithms on different datasets	19,000	17,500
10	Mrs.N.Krishnaveni	CSE	A Genetic Lifetime Maximization Energy-Balanced Routing Algorithm for Latency Minimized in Wireless Sensor Networks	20,000	20,000
11	Dr.P. Pitchipoo	MECH	Investigation On Mechanical Behavior Of Aa3003/Cfrp Honeycomb Sandwich Structure	56,000	49,000
12	Mr.T. Suresh	MECH	Synthesis And Characterization Of Metal Oxide Nano Fluid	47,000	45,000
13	Mr.P. Kannan	MBA	Gratified Employees Bring Productivity : A Study in Textile Industries	25,000	20000

- The Committee recommended the financial support to the students' innovative projects.
- The committee reviewed the status of the In-house funded projects for the academic year 2016-2017.

S.No	Name of the Faculty Members	Dept	Title of the Project Proposal	Status	Remarks
1.	Mr.R. Madavan	EEE	Investigation on effects of different types of nano-particles on critical parameters of nano-liquid insulation systems.	Completed	
2.	Mrs.S.Lakshmipraba	BioTech	Structural analysis of photoprotein precursor from <i>Neonothopanusnambi</i>	Completed	

3.	Mrs.A.Dhanalakshmi	CIVIL	Experimental Investigation of Self Compacting Concrete by Partially Replacing Fine Aggregate with Quartz Sand with Use of RecronFiber.	Completed	
4.	Dr.P.Ranjith Kumar	ECE	Automatic Gas Leakage prediction and booking by sensing cylinder weight	Completed	
5.	Mrs.P.A.Mathina	ECE	Bore well Rescue Robot	Completed	
6.	Dr.K.Valarmathi	ECE	Optimal tuning of fractional order PI controller using particle Swarm Optimization for pH process	Completed	
7.	Mr.R.Palani Kumar	CSE	Multi Resolution Encryption based on Wavelet Transformation For Digital Images	Completed	
8.	Mr.P.Vimal Kumar	CSE	Detecting Nail Peculiarity Using Image Segmentation	Completed	
9.	Mr.K.Ganesan	MECH	Mechanical Performances Of Surface Modified Jute Fiber Reinforced Hybrid Filler Nanocomposites	Completed	
10	Mr.M. Ramar	MECH	An Experimental Analysis On	Completed	

			Mechanical Properties Of Coir Reinforced Polyester Matrix Composite		
11	Mr.R.Kasi Raman	MBA	Quality of work life among employees in Tamilnadu State Transport Corporation with reference to Tuticorin division		

4. The HODs are asked to prepare the list of faculty members who are eligible to receive incentive for reputed Text or Reference Books/Book Chapters/ Journal/ Conference Publications.
5. It is recommended to identify the students innovative Projects for the financial support of Rs.5000/-.

K. Subbaraj

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Tamilnadu State



RESEARCH AND DEVELOPMENT CELL

Academic Year (2016 – 2017)

CIRCULAR

Date: 18.07.2016

Head of the Departments and members of the Research and Development Cell are requested to make it convenient to attend the meeting.

Date: 20.07.2016

Time: 11.30 am

Venue: Board Room

Agenda:

- Review of status of the In-house funded projects for the academic year 2015-2016.
- Seed Money to Faculty
- Proposal for Innovative Student Projects
- Incentive for Journal/Conference Publications
- Any other research activities

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Minutes of Research Advisory Committee

Date: 21.07.2016

Research Advisory Committee Members:

S.No.	Name of the Member	Role of the Member	Signature
1.	Dr.S.Subramanian	Principal	
2.	Dr.P.Marichamy	Dean	
3.	Dr.M.Shahul Hameed	Dean (Research)	
4.	Dr.S.Ramesh	Member	
5.	Dr.P.Pitchipoo	Member	
6.	Dr.K.Ruba Soundar	Member	
7.	Dr.C.Balasubramanian	Member	
8.	Dr.K.Valarmathi	Member	
9.	Dr.K.Subramanian	Member	
10.	Dr.P.Ranjith Kumar	Member	
11.	Dr.R.Srinivasan	Member	
12.	Dr.S.Johnson Raja	Member	

Points Discussed:

1. The Research Advisory Committee recommended and sanctioned the amount for the following In-house research project proposals to support faculty members to initiate their research work.

S.No	Name of the Faculty Members	Dept	Title of the Research Project Proposal	Proposed Amount	Sanctioned Amount
1	Mr.R. Matavan	EEE	Investigation on effects of different types of nano-particles on critical parameters of nano-liquid insulation systems.	1,10,000	98,000
2	Mrs.S.Lakshmipraba	BioTech	Structural analysis of photoprotein precursor from <i>Neonothopanusnambi</i>	1,05,800	75,000
3	Mrs.A.Dhanalakshmi	CIVIL	Experimental Investigation of Self Compacting Concrete by Partially Replacing Fine Aggregate with Quartz Sand with Use of RecronFiber.	25,000	24,000
4	Dr.P.Ranjith Kumar	ECE	Automatic Gas Leakage prediction and booking by sensing cylinder weight	10,700	10,700
5	Mrs.P.A.Mathina	ECE	Bore well Rescue Robot	12,450	12,450
6	Dr.K.Valarmathi	ECE	Optimal tuning of fractional order PI controller using particle Swarm Optimization for pH process	51,000	42,500
7	Mr.R.Palani Kumar	CSE	Multi Resolution Encryption based on Wavelet Transformation For Digital Images	26,000	22,500

8	Mr.P.Vimal Kumar	CSE	Detecting Nail Peculiarity Using Image Segmentation	16,000	14,500
9	Mr.K.Ganesan	MECH	Mechanical Performances Of Surface Modified Jute Fiber Reinforced Hybrid Filler Nanocomposites	54,500	52,000
10	Mr.M. Ramar	MECH	An Experimental Analysis On Mechanical Properties Of Coir Reinforced Polyester Matrix Composite	66,000	54,000
11	Mr.R.Kasi Raman	MBA	Quality of work life among employees in Tamilnadu State Transport Corporation with reference to Tuticorin division	25,000	21000

- The Committee recommended the financial support to the students' innovative projects.
- The committee reviewed the status of the In-house funded projects for the academic year 2015-2016.

S.No	Name of the Faculty Members	Dept	Title of the Project Proposal	Status	Remarks
1.	Mr.S.Dharmar	CIVIL	Experimental Study on Geopolymer Concrete.	Completed	
2.	Mr.C.K.Ramar	ECE	A Cloud Robot for Disaster Management System Using Internet of Things	Completed	
3.	Mr.R.Arun Kumar	ECE	Enabling Accessible Shopping for Visually Impaired People using RFID and IOT	Completed	
4.	Mr.P.Govindamoorthi	ECE	Public Lighting Automation through	Completed	

			the Integration of Dali with WSN		
5.	Mrs.R.Meena Prakash	ECE	Fuzzy C Means Integrated with Spatial Information and Contrast Enhancement for Segmentation of MR Brain Images	Completed	
6.	Dr.P.Ranjith Kumar	ECE	An Intelligent Approach for Optimizing Energy Consumption and Schedule length of Embedded multiprocessors.	Completed	
7.	Mr.S. Singaravelan	CSE	Inner Interruption discovery and defense system by using Data Mining	Completed	
8.	Mr.A. Muthiah	MECH	A Hybrid Algorithm For Solving Job Shop Scheduling Problem.	Completed	
9.	Mr.K.Ganesan	MECH	Experimental Analysis On Mechanical Properties Of Aluminium Matrix Composite Reinforced With Egg Shell Particles	Completed	
10.	Mr.R. Kasi Raman	MBA	Workers' opinion Towards participation in Management among Spinning Mills, Rajapalayam	Completed	

4. The HODs are asked to prepare the list of faculty members who are eligible to receive incentive for reputed Journal/Conference Publications.
5. It is recommended to identify the students innovative Projects for the financial support of Rs.5000/-.

J. Lakshmi

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RESEARCH AND DEVELOPMENT CELL

Academic Year (2015 – 2016)

CIRCULAR

Date: 17.07.2015

Head of the Departments and members of the Research and Development Cell are requested to make it convenient to attend the meeting.

Date: 20.07.2015

Time: 10.30 am

Venue: Board Room

Agenda:

- Review of status of the In-house funded projects for the academic year 2014-2015.
- Seed Money to Faculty
- Incentive for Journal/Conference Publications
- Any other research activities

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Minutes of Research Advisory Committee

Date: 22.07.2015

Research Advisory Committee Members:

S.No.	Name of the Member	Role of the Member	Signature
1.	Dr.B.G.Vishnuram	Principal	
2.	Dr.P.Marichamy	Dean	
3.	Dr.M.Shahul Hameed	Dean (Research)	
4.	Dr.S.Ramesh	Member	
5.	Dr.P.Pitchipoo	Member	
6.	Dr.K.Ruba Soundar	Member	
7.	Dr.K.Valarmathi	Member	
8.	Dr.P.Ranjith Kumar	Member	
9.	Dr.R.Srinivasan	Member	
10.	Dr.S.Johnson Raja	Member	

Points Discussed:

1. The Research Advisory Committee recommended and sanctioned the amount for the following In-house research project proposals to support faculty members to initiate their research work.

S.No	Name of the Faculty Members	Dept	Title of the Research Project Proposal	Proposed Amount	Sanctioned Amount
1	Mr.S.Dharmar	CIVIL	Experimental Study on Geopolymer Concrete.	1,00,000	87,500
2	Mr.C.K.Ramar	ECE	A Cloud Robot for Disaster Management System Using Internet of Things	14,124	14,124
3	Mr.R.Arun Kumar	ECE	Enabling Accessible Shopping for Visually Impaired People using RFID and IOT	14,981	14,500
4	Mr.P.Govindamoorthi	ECE	Public Lighting Automation through the Integration of Dali with WSN	13,850	13,850
5	Mrs.R.Meena Prakash	ECE	Fuzzy C Means Integrated with Spatial Information and Contrast Enhancement for Segmentation of MR Brain Images	45,000	41,000
6	Dr.P.Ranjith Kumar	ECE	An Intelligent Approach for Optimizing Energy Consumption and Schedule length of Embedded multiprocessors	35,000	31,500
7	Mr.S. Singaravelan	CSE	Inner Interruption discovery and defense system by using Data Mining	26,000	24,000

8	Mr.A. Muthiah	MECH	A Hybrid Algorithm For Solving Job Shop Scheduling Problem	74,000	70,500
9	Mr.K.Ganesan	MECH	Experimental Analysis On Mechanical Properties Of Aluminium Matrix Composite Reinforced With Egg Shell Particles	63,000	61,500
10	Mr.R. Kasi Raman	MBA	Workers' opinion Towards participation in Management among Spinning Mills, Rajapalayam	25,000	21000

2. The Committee recommended the financial support to the students' innovative projects.

3. The committee reviewed the status of the In-house funded projects for the academic year 2014-2015.

S.No	Name of the Faculty Members	Dept	Title of the Project Proposal	Status	Remarks
1.	Mrs.R. Aruna	EEE	Modeling and Simulation of Renewable Energy Storage System	Completed	
2.	Mrs.R. Rajeswari	BioTech	Biological Efficient Management of Textile Industrial Wastes	Completed	
3.	Mr.P.Kumar	CIVIL	An Investigation on Self-Compacting Concrete Using Ultrafine	Completed	
4.	Mr.S.Dharmar	CIVIL	Influence of nanoparticles on strength and durability of cement mortar.	Completed	

5.	Dr.P.Marichmay	ECE	Wireless Sensor Network for Fault Detection in Machine	Completed	
6.	Dr.K.Valarmathi	ECE	Fuzzy based Self-transforming Robot	Completed	
7.	Mrs.R.Meena Prakash	ECE	Segmentation of SAR Images using Fuzzy C Means with Non Local Spatial Information	Completed	
8.	Dr.P.Ranjith Kumar	ECE	A Novel Intelligent Approach for Predicting atherosclerotic individuals from Big data for Health care	Completed	
9.	Mrs.R.Ramani	CSE	Improving Map Reduce Performance using enhanced Speculative Execution Mechanism	Completed	
10.	Mr.D.Arun Shunmugam	CSE	Price reduction of Big Data handling for Geo spread data center	Completed	
11.	Mr.A. Muthiah	MECH	Temperature distribution and thermal stress analyses of Ceramic Coated Exhaust Valve in Diesel Engine	Completed	
12.	Mr.G.Uthayakumar	MECH	Evaluating And Expansion Of Copper Free Automotive Braking System	Completed	
13.	Mr.R.Kasi Raman	MBA	Role of Atmospherics Towards Shopping	Completed	

			Behaviour in Mall Environment, Madurai		
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4. The HODs are asked to prepare the list of faculty members who are eligible to receive incentive for reputed Journal/Conference Publications.
5. It is recommended to identify the students innovative Projects for the financial support of Rs.5000/-.



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RESEARCH AND DEVELOPMENT CELL

Academic Year (2014 – 2015)

CIRCULAR

Date: 21.07.2014

Head of the Departments and members of the Research and Development Cell are requested to make it convenient to attend the meeting.

Date: 23.07.2014

Time: 11.00 am

Venue: Board Room

Agenda:

- Seed Money to Faculty
- Proposal for Innovative Student Projects
- Incentive for Journal/Conference Publications
- Any other research activities

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Minutes of Research Advisory Committee

Date: 24.07.2014

Research Advisory Committee Members:

S.No.	Name of the Member	Role of the Member	Signature
1.	Dr.B.G.Vishnuram	Principal	
2.	Dr.P.Marichamy	Dean	
3.	Dr.S.Ramesh	Member	
4.	Dr.P.Pitchipoo	Member	
5.	Dr.K.Ruba Soundar	Member	
6.	Dr.K.Valarmathi	Member	
7.	Dr.K.Subramanian	Member	
8.	Dr.P.Ranjith Kumar	Member	
9.	Dr.R.Srinivasan	Member	
10.	Dr.S.Johnson Raja	Member	

Points Discussed:

1. The Research Advisory Committee recommended and sanctioned the amount for the following In-house research project proposals to support faculty members to initiate their research work.

S.No	Name of the Faculty Members	Dept	Title of the Research Project Proposal	Proposed Amount	Sanctioned Amount
1	Mrs.R. Aruna	EEE	Modeling and Simulation of Renewable Energy Storage System	1,10,000	97,500
2	Mrs.R. Rajeswari	BioTech	Biological Efficient Management of Textile Industrial Wastes	1,13,000	1,05,000
3	Mr.P.Kumar	CIVIL	An Investigation on Self-Compacting Concrete Using Ultrafine	65,000	62,500
4	Mr.S.Dharmar	CIVIL	Influence of nanoparticles on strength and durability of cement mortar.	25,000	25,000
5	Dr.P.Marichmay	ECE	Wireless Sensor Network for Fault Detection in Machine	13,425	13,425
6	Dr.K.Valarmathi	ECE	Fuzzy based Self-transforming Robot	49,000	38,000
7	Mrs.R.Meena Prakash	ECE	Segmentation of SAR Images using Fuzzy C Means with Non Local Spatial Information	25,000	22,500
8	Dr.P.Ranjith Kumar	ECE	A Novel Intelligent Approach for Predicting atherosclerotic individuals from Big data for Health care	35,000	30,000
9	Mrs.R.Ramani	CSE	Improving Map Reduce Performance using	32,000	22,500

			enhanced Speculative Execution Mechanism		
10	Mr.D.Arun Shunmugam	CSE	Price reduction of Big Data handling for Geo spread data center	33,000	28,500
11.	Mr.A. Muthiah	MECH	Temperature distribution and thermal stress analyses of Ceramic Coated Exhaust Valve in Diesel Engine	57,000	52,500
12	Mr.G.Uthayakumar	MECH	Evaluating And Expansion Of Copper Free Automotive Braking System	56,500	48,000
13	Mr.R.Kasi Raman	MBA	Role of Atmospherics Towards Shopping Behaviour in Mall Environment, Madurai	25,000	19000

2. The Committee recommended the financial support to the students' innovative projects.
3. The HODs are asked to prepare the list of faculty members who are eligible to receive incentive for reputed Text or Reference Books/ Book Chapters/Journal/Conference Publications.
4. It is recommended to identify the students innovative project for the financial support of Rs.5000/-.



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