

3.1.1. Grants for research projects sponsored by the government and non government sources such as industry, corporate houses, international bodies, endowment, Chairs in the institution during the last five years (INR in Lakhs)

| Name of the Project/ Endowments, Chairs | Name of the Principal Investigator/Co-investigator | Department of Principal Investigator | Year of Award | Amount Sanctioned | Duration of the project | Name of the Funding Agency | Type (Government/Non Government) |
|--|--|--------------------------------------|---------------|-------------------|-------------------------|---|----------------------------------|
| Load balanced data gathering by distributed algorithm using wireless sensor network | Prof.R.Karthikeyan | CSE | 2018 | 12000 | 1 Year | Research Institute Academic Consultancy | Non Government |
| Integrated wireless sensor network for medical data transmission using gsm and hebm | Mr. T. Sheik Yousuf | CSE | 2018 | 9000 | 1 Year | Research Institute Academic Consultancy | Non Government |
| Effective perception for the people in darkness | Mrs.S.A.Fathima Nuairah | ECE | 2018 | 30000 | 6 months | PANTECH | Non Government |
| Sensor Based Eye Controlled Automated Wheelchair | Mr.S.BismillaKhan | ECE | 2018 | 30000 | 6 months | PANTECH | Non Government |
| Designing a wireless sensors network for monitoring and predicting droughts | Mr.S.Venkaatesh Kumar | ECE | 2018 | 25000 | 6 months | PANTECH | Non Government |
| Design and implementation of low cost ECG monitoring system for the patient using smart device | Mr.A.Shyamala | ECE | 2018 | 25000 | 6 months | PANTECH | Non Government |
| A tweet based key generation algorithm for secure wireless communication | Mr.T.Thineshkumar | CSE | 2018 | 12000 | 5 Months | Research Institute | Non Government |
| Secure frequent itemset mining on encrypted cloud data | Dr.R.Karthikeyan | CSE | 2018 | 12000 | 5 Months | Cloud Bull Pvt.Ltd | Non Government |
| Identification of Faults and Outages using Distribution Automation | Prof.T.Sheik Yousuf | CSE | 2018 | 11000 | 5 Months | Silicon Software Solutions | Non Government |
| Weight Level Set Evolution based on Local Edge Future for Medical Image Segmentation | M.Vijayaraj | IT | 2018 | 8000 | 6 months | Star Technologies | Non Government |
| Performance Improvement of Cluster based routing in VANET | M.Seeni Syed Raviyathu Ammal | IT | 2018 | 8000 | 6 months | Star Technologies | Non Government |
| Robot For Visually Impaired Person | Mr.K.M.Alaudeen | ECE | 2017 | 25000 | 6 months | PANTECH | Non Government |
| Wi-Fi based Attendance | Ms.C.Jeyalakshmi | CSE | 2017 | 11000 | 5 Months | Star Technologies | Non Government |
| Systematic Design for Highly Secure Smartphone Application | Prof.R.Karthikeyan | CSE | 2017 | 10000 | 1 Year | Research Institute Academic Consultancy | Non Government |
| Face Sketch Synthesis using Neighbour selection and weight computation | Mr.M. Mohamed Sithik | CSE | 2017 | 10000 | 5 Months | Cloud Bull Pvt.Ltd | Non Government |
| Redundant Elimination [RE] Protocol for Avoid Collusion Attack Video Delivery | Mr.S.A.Mohammed Uvaise | CSE | 2017 | 10000 | 5 Months | Star Technologies | Non Government |



| Name of the Project/ Endowments, Chairs | Name of the Principal Investigator/Co-investigator | Department of Principal Investigator | Year of Award | Amount Sanctioned | Duration of the project | Name of the Funding Agency | Type (Government/non-Government) |
|---|--|--------------------------------------|---------------|-------------------|-------------------------|---|----------------------------------|
| Framework for Efficient Big Data Broadcasting using B+ Tree Algorithm | Mr. T. Sheik Yousuf Priyanka.S | CSE | 2017 | 8000 | 1 Year | Research Institute Academic Consultancy | Non Government |
| Automatic Ambulance Rescue System | Mrs. N. Hema Kumari | ECE | 2016 | 25000 | 6 months | PANTECH | Non Government |
| Compressor blade flow Analysis with various blade angles | Haroon Rashid, N. I | Aeronautical | 2016 | 18000 | 3 months | Mecavia Private Limited | Non Government |
| Apply ECC on RFID Authentication Scheme and Providing Security to Healthcare | S.Ramamoorthi | CSE | 2016 | 13000 | 5 Months | Star Technologies | Non Government |
| An Approach to Protect Internal Intrusion by using Data Mining and Forensic Techniques | Mr.V.Balamurugan | CSE | 2016 | 12000 | 5 Months | Silicon Software Solutions | Non Government |
| Studies on enhanced DNA targeting micro/ nanocrystalline materials for Drug delivery system | Dr. J. Rajesh | Chemistry | 2016 | 400000 | 2016-2017 | DST-SERB, New Delhi | Government |
| Recent development of bio inorganic chemistry in medicinal fields | Dr. J. Dhavethuraja | Chemistry | 2015 | 60000 | 19-20, June 2015 | DST-SERB, New Delhi | Government |
| Live Human Detection Robot For Earthquake Rescue Operation | Mr. A. Muthu Vel | ECE | 2015 | 25000 | 6 months | PANTECH | Non Government |
| Access Control in Decentralized Online Social Networks: Applying a Policy-Hiding Cryptographic Scheme and | S.Faizal Muktar Hussain | CSE | 2015 | 12000 | 5 Months | Elusiyam Technologies | Non Government |
| Diagnosis of Cardiovascular Abnormalities From Compressed ECG: A Data Mining-Based Approach | B.Rasina Begum | CSE | 2015 | 11000 | 5 Months | Elusiyam Technologies | Non Government |
| Robust Railway Crack Detection Using LED-4DR | Ms. P.Silappathikaram | ECE | 2014 | 25000 | 6 months | PANTECH | Non Government |
| Medical Image Segmentation using Gabor Filter for Disease Detection | Mr.R.Karthikeyan. | CSE | 2014 | 10000 | 5 Months | Elusiyam Technologies | Non Government |
| Synthesize of Antitumor active Pyrimidine Derivative Ligands and its Cu, Zn, Pt and Au Complexes | Dr. J. Dhavethuraja | Chemistry | 2012 | 2575000 | 2012-2015 | DST-SERB, New Delhi | Government |



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[Signature]
PRINCIPAL

[Signature]
PRINCIPAL
MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

MOHAMED SATHAK ENGINEERING COLLEGE

KILAKARAI - 623 806.



Approved by AICTE, New Delhi / DGS Mumbai, Affiliated to Anna University Chennai.
An ISO 9001 - 2008 Certified Institution.



| | | | |
|---------------|------------------|-------------|--|
| CHAIRMAN | : 044 - 28334989 | OFFICE/A.O. | : 04567 - 241327 |
| CORRESPONDENT | : 04567 - 241493 | FAX. | : 04567 - 245344 |
| PRINCIPAL | : 04567 - 242327 | Web | : www.msec.org.in |
| | | Email | : principal@msec.org.in |

07-01-2017

To

The Manager,
MecAvia Private Limited,
2-Ground Floor, DTP colony, Karku Main Road,
Patravakkam, Ambattur,
Chennai.

Sir,

Sub: Requisition of Financial Support for Students Project-Regarding.

The following final year aeronautical Engineering students are very economically poor. Final project is Mandatory for B.E. Aeronautical Engineering Students. For that We need assistance for students. Kindly provide finance support for below said students for doing their project work.

| S.No | Name of the Students | Regd Number | Nationality |
|------|----------------------|--------------|-------------|
| 01 | Anish Fathima.M | 911513101003 | Indian |
| 02 | Karthika.S | 911513101013 | Indian |
| 03 | Rasika Banu | 911513101026 | Indian |

Expecting you valuable reply.

Thanking you with regards

Yours truly

(N.I. Haroon Rashid), Head of the Department.

Professor & Head
Department of Aeronautical Engineering
Mohamed Sathak Engineering College,
Kilakarai-623 806.



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PRINCIPAL
MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

MecAvia Pvt. Ltd.,



Date :- 09/01/2017

To

Mr.Haroon Rashid,
HOD of Aeronautical Engineering,
MSEC,
Kilakarai -623806.

Reg: - Acceptance to Financial Support for Students project.

Sir,

With reference to your letter regarding requisition of financial support for student project. We agree that to provide financial support for those students. Also we will provide full assistance regarding aeronautical project with stipend Rs 18000/- per month for all the three students until the completion of their project(3months).

| S.no | Name of the students | Regd Number | Nationality |
|------|----------------------|--------------|-------------|
| 1 | Anish Fathima.M | 911513101003 | Indian |
| 2 | Karthika.S | 911513101013 | Indian |
| 3 | Rasika Banu | 911513101026 | Indian |

Regards

For MecAvia

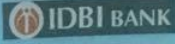
No.2, Ground Floor, DTP Colony,
Karuku Main Road, Patravakkam,
Ambattur, Chennai

www.mecavia.co.in
email : info@mecavia.co.in



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MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.



IDBI BANK LTD., NO 28, THOMAS ARUL STREET, KARAIKAL, PUDUCHERRY
KARAIKAL PONDICHERRY 609602
IFSC : IBKL0001427

VALID FOR THREE MONTHS ONLY
1 4 0 5 2 0 1 7
D D M M Y Y Y Y

PAY

DEPARTMENT OF AERONAUTICAL ENGINEERING या धारक को OR BEARER

रुपये RUPEES

EIGHTEEN THOUSANDS ONLY

अदा करें।

₹ 18000/-

खाता सं.
A/c No.

1427104000054001

Savings

Payable At Par At All IDBI Bank Branches

MOHAMED AL AMEEN A
Please sign above

[Signature]

⑈049836⑈ 6092591021 142700⑈ 31



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[Signature]

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KILAKARAI-623806.



ELYSIUM Technologies Private Limited

Elysium Group of Companies

Singapore | Chennai | Madurai | Trichy | Coimbatore | Kollam | Cochin | Nagercoil | Tirunelveli
Truchengode | Ramnad | Dindigul | Bengaluru | Hyderabad | Pune

Date: 14.07.2014

TO WHOMSOEVER IT MAY CONCERN

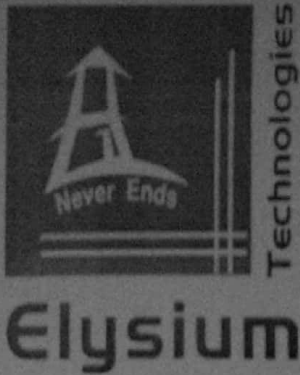
We felt honored to sanction the following reward of Rs. 10,000 for the scholar **Mr. R. KARTHIKEYAN** for his project "**MEDICAL IMAGE SEGMENTATION USING GABOR FILTER FOR DISEASE DETECTION**". The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 10,000

Guide Details : Mr.R.Karthikeyan
Head of the Department,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

T. Patturam
For Elysium Technologies



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Elysium Group of Companies

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Tiruchengode | Ramanad | Cindigul | Bangalore | Hyderabad | Pune

Date: 22.07.2015

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 12,000 for the scholar **MR. S.FAIZAL MUKTHAR HUSSAIN** for his project "ACCESS CONTROL IN DECENTRALIZED ONLINE SOCIAL NETWORKS: APPLYING A POLICY-HIDING CRYPTOGRAPHIC SCHEME AND EVALUATING ITS PERFORMANCE". The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 12,000

Guide Details : MR. S.FAIZAL MUKTHAR HUSSAIN
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

For Elysium Technologies



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Tiruchengode | Ramanad | Dindigul | Bengaluru | Hyderabad | Pune

Date: 22.07.2015

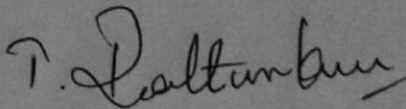
TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 11,000 for the scholar **Ms. B. RASINA BEGUM** for his project **"DIAGNOSIS OF CARDIOVASCULAR ABNORMALITIES FROM COMPRESSED ECG: A DATA MINING-BASED APPROACH"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 11,000

Guide Details : Ms. B. RASINA BEGUM
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.


For Elysium Technologies

Date: 11.07.2016

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 13,000 for the scholar Mr. S. Ramamoorthi for his project "APPLY ECC ON RFID AUTHENTICATION SCHEME AND PROVIDING SECURITY TO HEALTHCARE". The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 13,000

Guide Details : Mr. S. Ramamoorthi
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,



Star Technologies

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KILAKARAI-623806.





SiliconSoftware
speed up your

Date: 21.06.2016

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of **Rs. 12,000** for the scholar **Mr.V.BALAMURUGAN** for his project **"AN APPROACH TO PROTECT INTERNAL INTRUSION BY USING DATA MINING AND FORENSIC TECHNIQUES"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 12,000

Guide Details : Mr.V.Balamurugan
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,



Cloud Bull Technologies

Date: 05.06.2017

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 10,000 for the scholar **Mr. M. MOHAMED SITHIK** for his project "**FACE SKETCH SYNTHESIS USING NEIGHBOUR SELECTION AND WEIGHT COMPUTATION**". His students under his guidance had performed well and enthusiastically which in return attracted our reward for the project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 10,000

Guide Details : Mr. M. MOHAMED SITHIK
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,



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MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

Date: 23.06.2017

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 10,000 for the scholar Mr. A. Mohamed Uveise for his project "REDUNDANT ELIMINATION [RE] PROTOCOL FOR AVOID COLLUSION ATTACK VIDEO DELIVERY". The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 10,000

Guide Details : Mr. A. Mohamed Uveise
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,


Star Technologies



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MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

Date: 23.06.2017

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 11,000 for the scholar **Ms. C.JEYALAKSHMI** for her project **"WI-FI BASED ATTENDANCE"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 11,000

Guide Details : Ms. C.JEYALAKSHMI
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,



Star Technologies



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MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

Date: 17.08.2018

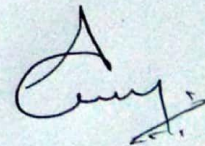
TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of **Rs. 12,000** for the scholar **Mr. T. THINESH KUMAR** for his project "**A TWEET BASED KEY GENERATION ALGORITHM FOR SECURE WIRELESS COMMUNICATION**". The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 13,000

Guide Details : Mr. T. Thinesh Kumar
Assistant Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.



With regards,



Cloud Bull Technologies

Date: 25.07.2018

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of **Rs. 12,000** for the scholar **MR.R.KARTHIKEYAN** for his project **"SECURE FREQUENT ITEM SET MINING ON ENCRYPTED CLOUD DATA"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 12,000

Guide Details : Mr.R.Karthikeyan
Head of the Department,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,



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MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.



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Date: 13.08.2018

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 11,000 for the scholar **Mr. T. SHEIK YOUSUF** for his project **"IDENTIFICATION OF FAULTS AND OUTAGES USING DISTRIBUTION AUTOMATION"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 11,000

Guide Details : Mr. T. Sheik Yousuf
Associate Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.

With regards,

Date: 17.08.2018

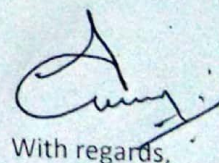
TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 12,000 for the scholar **Mr. R. KARTHIKEYAN** for his project "**LOAD BALANCED DATA GATHERING BY DISTRIBUTED ALGORITHM USING WIRELESS SENSOR NETWORK**". The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 12,000

Guide Details : Mr. R. KARTHIKEYAN
Head of the Department,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.


With regards,

Date: 17.08.2018

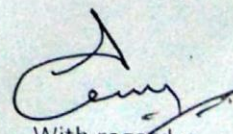
TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of **Rs. 9,000** for the scholar **Mr. T. SHEIK YOUSUF** for his project **"INTEGRATED WIRELESS SENSOR NETWORK FOR MEDICAL DATA TRANSMISSION USING GSM AND HEBM"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 9,000

Guide Details : Mr. T.SHEIK YOUSUF
Associate Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.


With regards;

Date: 10.06.201

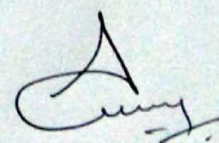
TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of **Rs. 10,000** for the scholar **Mr. R. KARTHIKEYAN** for his project **"SYSTEMATIC DESIGN FOR HIGHLY SECURE SMARTPHONE APPLICATION"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 10,000

Guide Details : Mr. R. KARTHIKEYAN
Head of the Department,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.


With regards,

Date: 10.06.2017

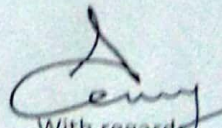
TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 8,000 for the scholar **Mr. T. SHEIK YOUSUF** for his project **"FRAMEWORK FOR EFFICIENT BIG DATA BROADCASTING USING B+ TREE ALGORITHM"**. The students under his guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 8,000

Guide Details : Mr. T.SHEIK YOUSUF
Associate Professor,
Computer Science and Engineering,
Mohamed Sathak Engineering College, Kilakarai.


With regards,



विज्ञान एवं इंजीनियरी अनुसंधान बोर्ड

(विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार का एक सांविधिक निकाय)

SCIENCE & ENGINEERING RESEARCH BOARD

(A Statutory body of Department of Science and Technology, Govt. of India)

09/04/2015

SB/SS/1938/14-15

(Kindly quote this File no. in future reference)

Dr. J. Dhaveethu Raja,
Mohamed Sathak Engineering College,
Ramanathauram- 623 806.
Mail Id- jdrajapriya@gmail.com

Dear Sir,

With reference to your application regarding Grant-in-aid for organizing National Seminar on "Recent Development of Bio-Inorganic Chemistry in Medicinal Fields" being held during 19-20 June, 2015. We are happy to inform you that SERB has agreed in principle to provide ₹ 60,000/- (Rupees Sixty Thousand Only) for this event. This grant is only to meet the expenses related to TA/DA to Young and Senior Indian scientists and pre-conference printing.

To release the fund, we need bond on the non-judicial stamp paper of Rs.10/- (Format attached).

You are requested to take the action at the earliest so that we can issue the sanction order.

Thanking you,

Yours faithfully,

(Pawan Kumar)
Sc.-'B'/SERB
Ph. No. 011-26590290



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MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

NO. SB/FT/CS-130/2012
SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-5, Pocket-5
Vasant Kunj
New Delhi-110070

Dated: 29/06/2016

ORDER

Subject: Research project titled "Studies on enhanced DNA targeting micro/ nanocrystalline materials for drug delivery system" under the guidance of Dr. J. Rajesh, Assistant Professor, Department of Chemistry, Sethu Institute of Technology, Kariapatti- 626115 (Tamil Nadu) - Release of grant.

In continuation of DST/SERB's Sanction Order even No. dated **29/01/2016**, Sanction of the Science & Engineering Research Board (SERB) is hereby accorded to the payment of a sum of **Rs. 400000/- (Rupees four lakh only)** under recurring as the grant for the year **2016-17** for the above mentioned project.

2. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 6730/-** from the **FY 2015-16 to CFY 2016-17**.
3. Sanction of the grant is subject to the condition as detailed in Terms & Conditions available at website (www.serb.gov.in).
4. It is certified that provision of 212 relating to the UCs for the funds released earlier to this project have been satisfied and the UC/s is/are enclosed.
5. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) (Recurring)**. This release is being made under **Start-Up Research Grant (Young Scientists) - CHEMICAL SCIENCES**.
6. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. **SERB/F/1646/2016-17 dated 25-06-2016**.
7. The amount of **Rs. 400000/- (Rupees four lakh only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:-

| | |
|----------------------------|--|
| Account Name | The Principal, Sethu Institute of Technology |
| Account Number | 11319797286 |
| Bank Name & Branch Address | State Bank of India, Kariapatti Branch, Kariapatti |
| IFSC/RTGS Code | SBIN0003781 |
| PI's Email ID | mkuraji@gmail.com |

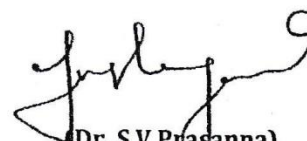
Contd...2/-

8. The Institute will maintain separate audited accounts for the Project. It is found expedient to keep a part or whole of the grant in a bank account earning interest. The interest earned should be reported to the SERB. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favor of "Fund for Science and Engineering Research" payable at New Delhi.

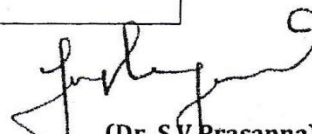

(Dr. S V Prasanna)
Scientist C

To,

Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

| | |
|----|--|
| 1. | The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002 |
| 2. | Sanction Folder, SERB, New Delhi. |
| 3. | File Copy |
| 4. | Dr. J. Rajesh, Assistant Professor, Department of Chemistry, Sethu Institute of Technology, Pullor, Virudhunagar(D. T), Kariapatti- 626115 (Tamil Nadu) (For guidance, terms & Conditions etc. Please visit www.serb.gov.in . Please intimate the start date by post) |
| 5. | The Principal, Sethu Institute of Technology, Pullor, Virudhunagar(D. T), Kariapatti- 626115 (Tamil Nadu) (Kindly send receipt of the grant by post) |


(Dr. S V Prasanna)
Scientist C

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PRINCIPAL
MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.

NO. SR/FT/CS-117/2011
Science and Engineering Research Board
(SERB)

Technology Bhavan,
New Mehrauli Road,
New Delhi – 110016

Dated: 29.06.2012

ORDER

Subject :- Financial assistance for the research project entitled "Synthesize of antitumor active pyrimidine derivative ligands and its Cu, Zn, Pt and Au complexes" under the guidance of Dr. J. Dhavethu Raja, Assistant Professor, Mohamed Sathak Engineering College, Kilakarai-623806.

The sanction of the SERB is hereby accorded to the above-mentioned project at a total cost of **Rs. 2575000/- (Rupees Twenty five lakh seventy five thousand only)** with break-up of **Rs. 1350000/- (Rupees Thirteen lakh fifty thousand only)** under Capital head and **Rs. 1225000/- (Rupees Twelve lakh twenty five thousand only)** under General head for a duration of three years. The items of expenditure for which the total allocation of **Rs. 2575000 /-** has been approved for a period of three years, are given below:

(Amount in Rs.)

A. Non-recurring (Capital Items)

| HEAD | TOTAL |
|---|----------------|
| <i>Equipments: UV-Visible spectrophotometer, FTIR</i> | <i>1350000</i> |
| Total Capital | 1350000 |

B. Recurring Items (General)

| | TOTAL (in Rs.) |
|--|--------------------|
| <i>General -A</i> | <i>925000</i> |
| <i>(Manpower, Consumables, Travel, Contingencies and Analytical charges)</i> | |
| <i>General-B: OVERHEADS</i> | <i>300000</i> |
| Total (General) (General-A+ General-B) | 1225000 |
| TOTAL (A+B.) | 2575000 |

2. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.

3. The sanction of the SERB is also accorded to the payment of **Rs. 1787000/- (Rupees Seventeen lakh eighty seven thousand only)** {**Rs. 1350000/- (Rupees Thirteen lakh fifty thousand only)** under 'Grants for creation of capital assets' and **Rs. 437000/- (Rupees Four lakh thirty seven thousand only)** under 'Grants-in-aid General'} to **The Principal & Principal Investigator, Mohamed Sathak Engineering College, Kilakarai** being the first installment of the grant for the year 2012-13 for implementation of the said research project

4. Sanction of the grant is subject to the conditions as detailed in Annexure – I.

5. The amount of **Rs. 1787000/- (Rupees Seventeen lakh eighty seven thousand only)** will be drawn by the Drawing and Disbursing Officer of the SERB and will be disbursed by means of cheque/DD favouring **The Principal & Principal Investigator, Mohamed Sathak Engineering College, Kilakarai** and will be sent to **The Principal & Principal Investigator, Mohamed Sathak Engineering College, Ramanathapuram District, Kilakarai: 623806**

6. The expenditure involved is debitable to

Grant-in-aid for the year 2012-13(Plan expenditure-**Capital**): Rs. 1350000/-

&

Grant-in aid for the year 2012-13 (Plan expenditure-**General**): Rs. 437000/-

7. While providing operational flexibility among various subheads under head : General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. The Sanction has been issued under the powers delegated to the Science and Engineering Research Board and with the concurrence of Programme Coordinator vide sanction number **SERB/F/1707/ 2012-13 dated 22.06.2012 .**


9. The Institute will furnish to SERB, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of SERB.

11. The Institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to SERB. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.


12. As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority / audit whenever the Institute is called upon to do so.

13. As this is the first grant being released for the project, no previous UC is required.


(R K Joshi)
Scientist C

Copy forwarded for information and necessary action to: -

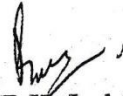
Copy forwarded for information and necessary action to: -

1. The pay & Accounts officer, Science & Engineering Research Board (SERB), New Delhi.
2. Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, SERB, Cash Section.
3. SERB Secretariat
4.  Dr. J. Dhaveethu Raja,
Assistant Professor,
Department of Chemistry,
Mohamed Sathak Engineering College,
Ramanathapuram District,
Kilakarai-623806 (Tamil Nadu)
5. The Principal & Principal Investigator,
Mohamed Sathak Engineering College,
Ramanathapuram District,
Kilakarai-623806 (Tamil Nadu)
6. File Copy - 2 Nos.

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PRINCIPAL
MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623806.




(R.K. Joshi)
Scientist -C

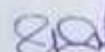
| | | | | |
|---|------------------------|-----|------|--------|
| Effective perception for the people in darkness | Mrs.S.A.FathimaNuvaiah | ECE | 2018 | 30,000 |
|---|------------------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months

I am happy to inform you sir the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We ll sanction the amount by the end of the January month . our staff members are guided you & explore them well.

Thank you

Regards,



P.Wilson Daniel



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| | | | | |
|--|-------------------|-----|------|--------|
| Sensor Based Eye Controlled Automated Wheelchair2018 | Mr.S.BismillaKhan | ECE | 2018 | 30,000 |
|--|-------------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months I am happy to inform you sir the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We ll sanction the amount by the end of the January month . our staff members are guided you & explore them well.

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| | | | | |
|---|----------------------|-----|------|--------|
| Designing a wireless sensors network for monitoring and predicting droughts2018 | Mr.S.Venkatesh Kumar | ECE | 2018 | 25,000 |
|---|----------------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months I am happy to inform you sir the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We ll sanction the amount by the end of the January month . our staff members are guided you & explore them well.

Thank you

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P.Wilson Daniel

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| | | | | |
|--|----------------|-----|------|--------|
| Design and implementation of low cost ECG monitoring system for the patient using smart device2018 | Mrs.A.Shyamala | ECE | 2018 | 25,000 |
|--|----------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months I am happy to inform you sir the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We ll sanction the amount by the end of the January month.our staff members are guided you & explore them well.

Thank you

Warm Regards



P. Wilson Daniel



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| | | | | |
|----------------------------------|-----------------|-----|------|--------|
| Robot For Visually Impact Person | Mr.K.M.Afaudeen | ECE | 2017 | 25,000 |
|----------------------------------|-----------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months. I am happy to inform you sir the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We'll sanction the amount by the end of the January month. our staff members are guided you & explore them well.

Thank you

Regards,

P. Wilson Daniel



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| | | | | |
|--|---------------------|-----|------|--------|
| Automatic Ambulance Rescue System 2016 | Mrs. N. Hema Kumari | ECE | 2016 | 25,000 |
|--|---------------------|-----|------|--------|

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Thank you

Regards,


 P Wilson Daniel

| | | | | |
|--|------------------|-----|------|--------|
| Live Human Detection Robot For Earthquake Rescue Operation 2015 | Mr. A. Muthu Vel | ECE | 2015 | 25,000 |
|--|------------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months. I am happy to inform you sir the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We ll sanction the amount by the end of the January month. our staff members are guided you & explore them well.

Thank you

Regards,

P. Wilson Daniel



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| | | | | |
|--|------------------------|-----|------|--------|
| Robust Railway Crack Detection Using LED-OR 2014 | Mrs. P.Silappathikaram | ECE | 2014 | 25,000 |
|--|------------------------|-----|------|--------|

For the above projects u have provided fund for doing the project for the duration of 6 months. I am happy to inform you as the following projects are selected under the scheme of innovation & entrepreneurship development of our company. We'll sanction the amount by the end of the January month. our staff members are guided you & explore them well.

Thank you

Regards,


P. Wilson Daniel**Pantech ProEd Private Ltd**

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TO WHOMSOEVER IT MAY CONCERN

Date: 15.12.2017

We felt honored to sanction the following reward of Rs. 8,000 for the scholar Mr. M.Vijayaraj for his project
"Weight Level Set Evolution based on Local Edge Future for Medical Image Segmentation". The students under his
guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 8,000

Guide Details : Mr. M.Vijayaraj
Associate Professor,
Information Technology,
Mohamed Sathak Engineering College, Kilakarai.

With regards,


Star Technologies



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Star Technologies

65/1, Tamil Sangam Road, Simakkal,
(Near by - Bell Hotel), Madurai - 625 001
Mobile : 94 89 44 94 10, 73 58 24 10 20
Tel : 0452 - 42 19 8 19
E-mail : starstudentproject@gmail.com
Website : www.starstudentproject.com

Date: 15.12.2017

TO WHOMSOEVER IT MAY CONCERN

We felt honored to sanction the following reward of Rs. 8,000 for the scholar **Mrs. M.Seeni Syed Raviyathu Ammal** for her project "**Performanace Improvement of Cluster based routing in VANET**". The students under her guidance had performed well and enthusiastically which in return attracted our reward for their project.

We also congratulate them for their well being and bright future.

Reward Amount: Rs. 8,000

Guide Details : Mrs.M.Seeni Syed Raviyathu Ammal
Assistant Professor,
Information Technology,
Mohamed Sathak Engineering College, Kilakarai.

With regards,

Star Technologies



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