

List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount.

Sl. No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in lakhs
1	CMR University	Endowment Research fund	Sarakki Educational Society	Research Endowment	2019	400
2	CMR University	Endowment Research fund	Sarakki Educational Society	Research Endowment	2020	500
3	CMR University	Endowment Research fund	Sarakki Educational Society	Research Endowment	2021	600
4	CMR University	Endowment Research fund	Sarakki Educational Society	Research Endowment	2022	600
5	Dr, Muralishankar R,	Front end acquisition hardware and signal conditioning technolos/ solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs	Biotechnology Industry Research Assistance Council	3 Years	2020	13.125
6	Mr.Amir Sohail, Mr.Vishnu Sharma Nanda, Mr.Sanel.D.S, Mr.Prajwal B, Dr.Mateen M.A	DESIGN AND FABRICATION OF POWERTRAIN AND ELECTRICAL SUBSYSTEM - A PORTABLE ELECTRIC SCOOTER	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHONOLOGY	1 Year	2022	0.07
7	Mr.Siddarth Mishra, Mr.Anil Biju, Mr Punith, Mr Reseth Krishnan, Dr Arun Kumar , Dr.Mateen M.A	DEVELOPMENT OF FRICTIONLESS BRAKING SYSTEM	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHONOLOGY	1 Year	2022	0.07

8	Dr.Mateen M A Dr.Muralishankar R	Investigation of Biaxial Behavior of GFRP Delaminated Composites under Pure In-Plane Loading through Automated Failure Monitoring System with virtual reality	SERB	3 Years	2024	31.33
9	Dr. Babu Devasenapati	Seed Money	Unnat Bharath Abhyan	1 Year	2024	0.5
10	Dr. Arun Kumar Kunnur	Machinery Support	NASSCOM Foundation	3 year	2024	0.224
11	Prof. R. Muralishankar	Automated Report Generation and Notification Tool -	EMIDAS Technology PVT LTD	1 year	2024	0.305
12	Prof. (Dr.) T.R. Subramanya Dr. Chanjana Elsa Philip Mr. Sreenidhi K.R.	An impact assessment study on police complaints authority in the state of Karnataka.	WBNUJS, Kolkata	1 year	27th March, 2024	5
13	Dr. Parameswaran T., Mr. Yerragunta Srujan, Mr. K. Lalu Prasad, Mr. M. Jeevan Kishore Reddy	Determination of Medicinal Leaf Properties	Karnataka State Council for Science and Technology	6 months	19th April 2023	0.05



CMR UNIVERSITY

Private University Established in Karnataka State by Act No. 45 of 2013

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the total research funding received by the CMR University it's faculties through government sources such as industry, corporate houses, international bodies for research projects Endowment research chairs during last five years, 2018-19 to 2022-23 in (INR in lakhs) is below.

Year	2018-19	2019-20	2020-21	2021-22	2022-23
Total amount Received (INR in Lakhs)	Nil	406.67	500	600	606.67

MAIN CAMPUS:

OFF HENNUR -
BAGALUR MAIN ROAD,
CHAGALAHATTI,
BENGALURU 562149,
KARNATAKA, INDIA
T : +91 70220 07672
F : 080 25427840

CITY CAMPUS:

#2, 3RD C CROSS,
6TH A MAIN, 2ND BLOCK,
HRBR LAYOUT,
KALYAN NAGAR,
BENGALURU 560043,
KARNATAKA, INDIA
T : 080 25426977/88
F : 080 25427840

OMBR CAMPUS:

#5, BHUVANAGIRI,
OMBR LAYOUT,
BANASWADI
BENGALURU 560043,
KARNATAKA, INDIA
T : 080 25426944/55
P : 080 25427840

www.cmr.edu.in

We hereby declare that the details furnished above are true and correct

CMR UNIVERSITY



Finance Officer

FINANCE OFFICER

SARAKKI EDUCATIONAL SOCIETY

REGD. BY GOVERNMENT OF KARNATAKA. (Sl. No. 12/78-79)

16, 6th B Main Road, J.P.Nagar, III Phase, Bangalore - 560 078

To;

Date: 13th August 2019

The Vice Chancellor
CMR University
Bangalore

Subject: Establishment of Endowment Research Fund for Higher Education Research

Ref: Your letter No.CMRU/VC/2019-2020/004 dated 25th July 2019

Dear Sir,

A meeting was held with the Members of the Society on 1st August 2019 regarding the above subject and reference.

It has been resolved to institute an endowment fund to foster research in Higher Education. The society after deliberation is pleased to allot Rs. 4 crore (Rupees Four Crores only) for this purpose and request the university to utilize the funds to the best advantage of the researchers in particular and national in general.

It may also be noted that the university should furnish the details of the activities in each academic year from the endowment fund created and details of the endowment .

For Sarakki Educational Society-



Secretary cum Correspondent

Dr. K R Tristha

SARAKKI EDUCATIONAL SOCIETY

REGD. BY GOVERNMENT OF KARNATAKA. (Sl. No. 12/78-79)

16, 6th B Main Road, J.P.Nagar, III Phase, Bangalore - 560 078

Date:15 September 2020

To,

The Vice Chancellor
CMR University
Bangalore

Subject: Establishment of Endowment Research Fund for Higher Education Research

Ref: Your letter No. CMRU/VC/2020-2021/007 dated 25th August 2020

Dear Sir,

With reference to the previous year's research fund utilization we understand that you have successfully conducted the research activities through the report received.

A meeting was held with the Members of the Society on 1st September 2020 and we are pleased to inform you that we are ready to allocate an additional Rs. 5 crore (Rupees Five Crores only) to further enhance and support the best advantages of the ongoing research efforts.

It may also be noted that the university should furnish the details of the activities in each academic year from the endowment fund created and details of the endowment .

For Sarakki Educational Society



Secretary cum Correspondent
Dr. K R Tristha

No. BIRAC/NBM-PMU/EST-DEV_IRILLIC/2018

Dated: 24th Jan, 2020

FIRST RELEASE ORDER

Subject: Release of First Installment for the proposal no. BT/NBM0133/03/18 entitled "Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs" submitted by M/s Irillic Private Limited in collaboration with CMR University

1. In continuation of BIRAC's Grant-in-Aid Letter Agreement dated on 28th November 2019, sanction is hereby accorded for the release of **Rs. 6.675 Lakhs (Rupees Six Lakhs Sixty Seven Thousand Five Hundred only)** as Grant-in-Aid, being the first installment for the implementation of the project entitled **"Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs "** with Dr. Muralishankar R, as the designated **Project Investigator** for **CMR University**.
2. The State Bank of India is being separately authorized / instructed to credit the amount of **Rs. 6.675 Lakhs (Rupees Six Lakhs Sixty Seven Thousand Five Hundred only)** as in the bank account M/s **CMR University** as per details given below:

Name of the Bank	State Bank Of India
Branch Address	ST THOMAS ROAD LINGARAJAPURAM 378 4/56 A Lingrajapura St.Thomas Road, Bangalore 560084
Account Number:	39006660112
Account Holder's Name	CMR University - Imaging Solution Laparoscopy Surgery
MICR Number (on Cheque)	560002431
NEFT/IFSC Code:	SBIN0040283

3. The other terms and conditions governing this financial release will remain the same as mentioned in the GLA dated 28th November 2019.
4. The expenditure will be debited to BIRAC, Head of Account: **G.02.03** for the financial year 2019-2020.
5. This issue with the concurrence of BIRAC Finance Division (BFD) and approval of the Competent Authority vide BFD No. BFD/R.O/G.02.03/062/2019-20 Dated... 27/01/2020.....
6. The Release order has been noted at Serial No. 036 in the Grant register of National Biopharma Mission.


Dr. Kavita Singh
(Mission Director-NBM)

To,
Dr. Muralishankar R
Professor
CMR University
Email:- muralishankar.r@cmr.edu.in
Mob. No. - 91-9741156023

1. BIRAC Finance folder.
2. Sh. Nand Kishore, Senior Finance Officer, BIRAC.
3. Concerned Project File.

SARAKKI EDUCATIONAL SOCIETY

REGD. BY GOVERNMENT OF KARNATAKA. (Sl. No. 12/78-79)

16, 6th B Main Road, J.P.Nagar, III Phase, Bangalore - 560 078

Date:15 September 2021

To,

The Vice Chancellor
CMR University
Bangalore

Subject: Establishment of Endowment Research Fund for Higher Education Research

Ref: Your letter No. CMRU/VC/2021-2022/007 dated 25th August 2021

Dear Sir,

With reference to the previous year's research fund utilization we understand that you have successfully conducted the research activities through the report received.

A meeting was held with the Members of the Society on 1st September 2021 and we are pleased to inform you that we are ready to allocate an additional Rs. 6 crore (Rupees Six Crores only) to further enhance and support the best advantages of the ongoing research efforts.

It may also be noted that the university should furnish the details of the activities in each academic year from the endowment fund created and details of the endowment .

For Sarakki Educational Society



Secretary cum Correspondent
Dr. K R Tristha

SARAKKI EDUCATIONAL SOCIETY

REGD. BY GOVERNMENT OF KARNATAKA. (Sl. No. 12/78-79)

16, 6th B Main Road, J.P.Nagar, III Phase, Bangalore - 560 078

Date: 7 September 2022

To,

The Vice Chancellor
CMR University
Bangalore

Subject: Establishment of Endowment Research Fund for Higher Education Research

Ref: Your letter No. CMRU/VC/2022-2023/007 dated 25th August 2022

Dear Sir,

With reference to the previous year's research fund utilization we understand that you have successfully conducted the research activities through the report received.

A meeting was held with the Members of the Society on 1st September 2022 and we are pleased to inform you that we are ready to allocate an additional Rs. 6 crore (Rupees Six Crores only) to further enhance and support the best advantages of the ongoing research efforts.

It may also be noted that the university should furnish the details of the activities in each academic year from the endowment fund created and details of the endowment.

For Sarakki Educational Society

Secretary cum Correspondent
Dr. K R Tristha

संदर्भ संख्या: BIRAC/NBM-PMU/EST-DEV_IRILLIC/2018

दिनांक: 19.5.2022

SECOND RELEASE ORDER

विषय: सीएमआर विश्वविद्यालय के सहयोग से इरिलिक प्राइवेट लिमिटेड द्वारा प्रस्तुत "Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs" नामक प्रस्ताव संख्या बीटी/एनबीएम0133/03/18 के लिए दूसरी किस्त जारी करना

Subject: Release of Second installment for the proposal no. BT/NBM0133/03/18 entitled "Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs" submitted by M/s Irillic Private Limited in collaboration with CMR University.

1. In continuation of BIRAC's Grant-in-Aid Letter Agreement dated on 28th Nov 2019, sanction is hereby accorded for the release of **Rs. 4.45 Lakhs (Rupees Four Lakhs and Forty-Five Thousand Only)** as Grant-in-Aid, for the implementation of the project entitled "Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs" with **Dr. Muralishankar R**, as the designated Project Investigator for CMR University.
2. The State Bank of India is being separately authorized / instructed to credit the amount of **Rs. 4.45 Lakhs (Rupees Four Lakhs and Forty-Five Thousand Only)** in the bank account **CMR University** as per details given below:

Name of the Bank	State Bank of India
Branch Address	ST THOMAS ROAD LINGARAJAPURAM 378 4/56 A Lingrajapura St. Thomas Road, Bangalore 560084
Account Number:	39006660112
Account Holder's Name	CMR University – Imaging Solution Laparoscopy Surgery
MICR Number (on Cheque)	560002431
NEFT/IFSC Code:	SBIN0040283

3. The other terms and conditions governing this financial release will remain the same as mentioned in the GLA dated 28th Nov 2019.
4. The expenditure will be debited to BIRAC, Head of Account: **G.02.03** for the financial year 2022-2023.
5. This issue with the concurrence of BIRAC Finance Division (BFD) and approval of the Competent Authority vide BFD No. BFA/RO/01.02.03/05/2022-23 Dated 23/05/2022
6. The Release order has been noted at Serial No. 23/6 in the Grant register of National Biopharma Mission.

(Signature)
Dr. P.K.S. Sarma

डॉ. पी.के.एस. सरमा
Dr. P.K.S. Sarma
(जीएम और हेड-टेक्निकल, बीआईआरएसी)
(GM & Head-Technical, BIRAC)

To,
Dr. Muralishankar R, Professor,
CMR University, Off Hennur Bagalur Main Road,
Chagalatti, Bangalore – 562149,
Email: muralishankar.r@cmr.edu.in
Mob. No. – 91-9741156023

Copy to:

1. BIRAC Finance Officer.
2. Senior Finance Officer, BIRAC.
3. Concerned Project File.

पि के एस सरमा
P.K.S. Sarma

डॉ. पी.के.एस. सरमा

Dr. P.K.S. Sarma

(जीएम और हेड-टेक्निकल, बीआईआरएसी)

(GM & Head-Technical, BIRAC)



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru – 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

11th May, 2022

Ref: 7.1.01/SPP/91

The Registrar,
C.M.R. University,
Off Hennur, Bagalur Main Road,
Chagalatti,
Bengaluru – 562 149.

Dear Sir/Madam,

Sub : Sanction of Student Project - 45th Series: Year 2021-2022

Project Proposal Reference No. : 45S_BE_4830

Ref : Project Proposal entitled **DESIGN AND FABRICATION OF POWERTRAIN AND ELECTRICAL SUBSYSTEM - A PORTABLE ELECTRIC SCOOTER**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

Student(s)	Mr. AMIRSOHAIL	Department	MECHANICAL ENGINEERING
	Mr. VISHNU SHARMA NANDA		
	Mr. SANEL D S		
	Mr. PRAJWAL B		
Guide(s)	Dr. MATEEN M A	Sanctioned Amount (in Rs.)	7,000.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
 - Project Reference Number
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)

45S_BE_4830

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
- 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
- 10) Scope for future work (about 20 lines).
- e) In case of incompeted projects, the sanctioned amount shall be returned to KSCST.
- f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
- g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
C.M.R. UNIVERSITY, BENGALURU
- 2) Dr. MATEEN M A
MECHANICAL ENGINEERING
C.M.R. UNIVERSITY, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru – 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

11th May, 2022

Ref: 7.1.01/SPP/91

The Registrar,
C.M.R. University,
Off Hennur, Bagalur Main Road,
Chagalatti,
Bengaluru – 562 149.

Dear Sir/Madam,

Sub : Sanction of Student Project - 45th Series: Year 2021-2022

Project Proposal Reference No. : 45S_BE_2800

Ref : Project Proposal entitled **DEVELOPMENT OF FRICTIONLESS BRAKING SYSTEM**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

Student(s)	Mr. SIDDHARTH MISHRA	Department	MECHANICAL ENGINEERING
	Mr. ANIL BIJU PAREL		
	Mr. PUNITH H S		
	Mr. REJETH KRISHNAN S		
Guide(s)	Dr. ARUNKUMAR KH	Sanctioned Amount (in Rs.)	7,000.00
	Dr. MATEEN M A		

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
 - Project Reference Number
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)

Ref No.- BIRAC/NBM-PMU/EST-DEV_IRILLIC/2018

Date: 30-1-2023

तीसरा रिलीज ऑर्डर / THIRD RELEASE ORDER

Subject: Release of Third installment for the proposal no. BT/NBM0133/03/18 entitled "Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs" submitted by M/s Irillic Private Limited in collaboration with CMR University.

1. In continuation of BIRAC's Grant-in-Aid Letter Agreement dated on 28th Nov 2019, sanction is hereby accorded for the release of Rs. 2.00 Lakhs (Rupees Two Lakhs Only) as Grant-in-Aid, for the implementation of the project entitled "Front end acquisition hardware and signal conditioning technology solutions for Minimally Invasive Fusion Imaging Endoscopy for Laparoscopic surgeries and other spin-offs" with Dr. Muralishankar R, as the designated Project Investigator for CMR University.
2. The ICICI Bank is being separately authorized / instructed to credit the amount of Rs. 2.00 Lakhs (Rupees Two Lakhs Only) in the bank account **CMR University** as per details given below:

Name of the Bank	State Bank of India
Branch Address	ST THOMAS ROAD LINGARAJAPURAM 378 4/56 A Lingarajapuram St, Thomas Road, Bangalore 560084
Account Number:	39006660112
Account Holder's Name	CMR University - Imaging Solution Laparoscopy Surgery
MICR Number (on Cheque)	560002431
NEFT/IFSC Code:	SBIN0040283

3. The other terms and conditions governing this financial release will remain the same as mentioned in the GLA dated 28th Nov 2019.
4. The expenditure will be debited to BIRAC, Head of Account: **G.02.03** for the financial year 2022-2023.
5. This issue with the concurrence of BIRAC Finance Division (BFD) and approval of the Competent Authority vide BFD No. **BFD/IR/01/G.02.03/0113/2022-23** Dated **08.01.2023**.
6. The Release order has been noted at Serial No. **034** in the Grant register of National Biopharma Mission.

Dr. P.K.S. Sarma
Dr. P.K.S. Sarma

(जीएम और हेड-टेक्निकल, बीआईआरएसी)
(GM & Head-Technical, BIRAC)

To,
Dr. Muralishankar R, Professor,
CMR University, Off Hennur Bagalur Main Road,
Chagalatti, Bangalore – 562149,
Email: muralishankar.r@cmr.edu.in
Mob. No. – 91-9741156023

Copy to:

1. BIRAC Finance Officer.
2. Senior Finance Officer, BIRAC.
3. Concerned Project File.