3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowments, Research Chairs during the last five years (INR in Lakhs) (2019-2023)

248.808 Lacs

3.2.1.1: Total Grants for Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowments, Research Chairs during the last five years (INR in Lakhs) (2019-2023)

Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies during the last five years

3.2.2.1: Number of research projects funded by government and non-government agencies during the last five years (2019-2023): 5

3.2.2.2 : Number of full time teachers working in the institution during the last 5 years (2019-2023): 4

S.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 INR.
1	Prof. M. Tariq Banday	Design of Low Power, Low Resource Cryptographic Procedures for IoT Security Control	MeitY, GOVERNMENT of India	3 Years	2017	47.50 Lacs
2	Prof. M. Tariq Banday	Algorithm and Service Design for Indian Regional Language CAPTCHA Challenges	SERB DST, GOVERNMENT of India	3 Years	2017	28.359 Lacs
3	Dr. Farooq Ahmad Khanday	Development of Integrable, Electronically tunable Fractional-order Capacitance (Fractance) and its applications	SERB DST, GOVERNMENT of India	3 Years	2017	53.949 Lacs
4	Dr. Shabir Ahmad Parah & Dr. Javaid Ahmad Sheikh	Design and development of novel watermarking algorithms for cultural multimedia	DST, Govt. of India	3 Years	2020	57 Lacs
5	Dr. Javaid Ahmad Sheikh & Dr. Shabir Ahmad Parah	Design and Development of Energy Efficient Millimeter wave Antennas for 5G Networks and IOT	ICPS division DST, Govt. of India	3 Years	2020	62 Lacs

## FILE NO. EMR/2016/007125

## SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 10-Jan-2020

Subject: Research project entitled "Development of Integrable, Electronically tunable Fractional-order Capacitance (Fractance) and its applications" under ORDER the guidance of Dr. FAROOQ AHMAD KHANDAY, Electronics and Instrumentation Technology, Kashmir University , Hazratbal rd, hazaratbal, srinagar, jk,

- 1. This is in continuation of SERB's sanction order No. "EMR/2016/007125" dated "26 July, 2017" of Science and Engineering Research Board (SERB).
- 2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 950000/- (Rupees Nine Lakh Fifty Thousand only) under 'Grantsin-aid General' to Vice Chancellor, Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK being the 3rd grant for the financial year 2019-2020 for implementation of the above said project.
- 3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 180015/- (Rupees One Lakh Eighty Thousand and Fifteen only) (Recurring Rs. 76463 and Non-Recurring Rs. 103552) to Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK from FY 2018-2019 to FY 2019-2020 for the same purpose for which it was sanctioned.
- 4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
- 5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Electrical Electronics & Computer Engineering)
- 7. The Sanction has been issued to Kashmir University, Hazratbal Rd. Hazaratbal, Srinagar, JK with the approval of the competent authority under delegated powers on 09 January, 2020 and vide Diary No. SERB/F/8682/2019-2020 dated 10 January, 2020
- 8. The release amount of Rs. 950000/- (Rupees Nine Lakh Fifty Thousand only) (Recurring Rs. 950000 and Non-Recurring Rs. 0) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	NA
Account Name	Dean, Research, University of Kashmir, Sgr
Account Number	0007040500000057
Bank Name & Branch	Jammu and Kashmir Bank Ltd University Campus, Hazratbal Srinagar Jammu and Kashmir-190006
IFSC/RTGS Code	JAKAONASEEM
Email id of A/C Holder	andrabik@uok.edu.in
Email id of PI	farooqkhanday@kashmiruniversity.ac.in

- 9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- 10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called
- 11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring ) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.
- 13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
- 14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Anima Johari) Scientist C anima.johari@serb.gov.in

## To, Under Secretary 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. FAROOQ AHMAD KHANDAY Electronics and Instrumentation Technology Kashmir University , Hazratbal rd, hazaratbal, srinagar, jk, Srinagar, Jammu and kashmir-190006 Email: farooqkhanday@kashmiruniversity.ac.in Mobile: 919906653703	
5.	Vice Chancellor, Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK	

(Dr. Anima Johari) Scientist C anima.johari@serb.gov.in EMR 2016/00 7125

The updated RTGS details of the Kashmir University , Hazratbal rd, hazaratbal, srinagar, jk, Srinagar, Jammu and kashmir-190006 is as below:

PFMS Unique Code	UniKashmir	
Account Name	Dean, Research, University of Kashmir, Sgr	
Account Number	0007040500000057	/
Bank Name & Branch	Jammu and Kashmir Bank Ltd University Campus, Hazratbal Srinagar Jammu and Kashmir-190006	
IFSC/RTGS Code	JAKA0NASEEM	1
Email id of A/C Holder	andrabik@uok.edu.in	

John por

## FILE NO. EMR/2016/007125

## SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board 3rd & 4th Floor, Block II Technology Bhavan, New Mehrauli Road New Delhi - 110016

Dated: 15-Mar-2022

## ORDER

Subject: Financial Sanction of the research project titled "Development of Integrable, Electronically tunable Fractional-order Capacitance (Fractance) and its applications" under the guidance of Dr. FAROOQ AHMAD KHANDAY, Electronics and Instrumentation Technology, Kashmir University, Hazratbal rd, hazaratbal, srinagar, jk, Srinagar, Jammu and kashmir-190006 - Release of final installment.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 5303048/- (Rs. Fifty Three Lakh Three Thousand and Forty Eight Only) with break-up of Rs. 2125500/- under Capital (Non-recurring) head and Rs.3177548/- under General (Recurring) head for a duration of 36 months.

In continuation of the sanction order of even no dated "26 July, 2017". The sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a revised cost as defined below:

The following budget may be considered for Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK

S. No	Head	Total (in Rs.)
Α	Non-recurring	
1	Equipment -> Precision Impedance Analyzer (20Hz - 20Mhz) -> Mixed Domain Oscilloscope	2125500
A'	Total (Non-Recurring)	2125500
В	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	2206119 480981 0
2	Recurring - IV : (Overhead Charges)	490448
B'	Total (Recurring)	3177548
С	Total cost of the project (A' + B')	5303048

- 2. Sanction of the **SERB** is also accorded to the payment of. **Rs. 453926**/- (Rupees Four Lakh Fifty Three Thousand Nine Hundred and Twenty Six only) under 'Grants-in-aid General' to **Vice Chancellor, Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK** being the last and final installment of the grant for implementation of the said research project.
- 3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
  This release is being made under Core Research Grant. (PAC Electrical Electronics & Computer Engineering)
- 4. The Sanction has been issued to Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK with the approval of the competent authority under delegated powers on 10 March, 2022 and vide Diary No. SERB/F/10279/2021-2022 dated 12 March, 2022
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( www.serb.gov.in).
- 6. 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.
- 7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- 8. The release amount of Rs. 453926/- (Rupees Four Lakh Fifty Three Thousand Nine Hundred and Twenty Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	NA
Account Name	Dean, Research, University of Kashmir, Sgr
Account Number	0007040500000057
Bank Name & Branch	Jammu and Kashmir Bank Ltd University Campus, Hazratbal Srinagar Jammu and Kashmir-190006
IFSC/RTGS Code	JAKAONASEEM
Email id of A/C Holder	andrabik@uok.edu.in
Email id of PI	farooqkhanday@kashmiruniversity.ac.in

- 9. The institute will furnish to the SERB, separate Utilization certificate (UCs) to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the receipt of the grant.
- 10. The institute will maintain separate audited accounts for the project.
- 11. The project File no. EMR/2016/007125 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
- 12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project.
- 13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
- 14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
- 15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

Scientist D anima.johari@serb.gov.in

To, **Under Secretary** SERB, New Delhi

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. FAROOQ AHMAD KHANDAY Electronics and Instrumentation Technology Kashmir University, Hazratbal rd, hazaratbal, srinagar, jk, Srinagar, Jammu and kashmir-190006 Email: farooqkhanday@kashmiruniversity.ac.in Mobile: 919906653703 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="www.serb.gov.in">www.serb.gov.in</a> .)
5.	Vice Chancellor, Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK  (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Anima Johari) Scientist D anima.johari@serb.gov.in



## Public Financial Management System-PFM 0/o Controller General of Accounts, Ministry of Finance

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Register/ Track Issue

Utilisation Certificate

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Controllers 037-SCIENCE AND TECHNOLOGY

Sanction DST/TDT/SHRI-33/2018 (G)

Sanction Transfer (DDO Bill)

Type:

IFD Number: C/3260/IFD/2020-21

> 1819-INNOVATION, TECHNOLOGY DEVELOPMENT Scheme: AND DEPLOYMENT

258297-DEPARTMENT OF SCIENCE & TECHNOLOGY DDQ:

(INCLUDING, NCST)

talls

Sanction

Sanction 02/12/2020 Deter

Sanction 811642

IFD Date: 01/12/2020

058296-PAO(DST),

First Instalment(

North East Expenditure

## Account Details:

Grant	Department (For UT Grants Only)	Function Head	Object Head	Category	Amount	External PAO	Available Budget
087 - Department of Science and Technology		3425602007000 - INNOVATION TECHNOLOGY DEVELOPMENT AND DEPLOYMENT	31 - GRANTS- IN-AID GENERAL	3- 10165	811642		2752406388

Agency	Bank Account No	Amount	Instrument Type	
University of Kashmir	0007040500000057 - RESEARCH PRC -	811,642.00	RTGS	

ePayment Details

**Party Name** 

Accredited Bank | UNION BANK OF INDIA | Amount | 811642

**IFSC Code** 

**Party Account** 

Amount

Payee Remarks

Required

No Or Shabir Ahmed Pareh 0007040500000005 811642 JAKADNASEEM RESEARCH PRO.

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# No. DST/TDT/SHRI-33/2018 (G) Government of India Ministry of Science & Technology Department of Science & Technology (Technology Development Programme (SHRI))

Technology Bhavan, New Delhi Dated.02.12.2020.

ORDER

Sub: - Financial support for the project entitled "Design and Implementation of novel hybrid watermarking algorithms, for copyright protection of Cultural Artefacts, with special reference to IPR protection of Kashmiri Folk Songs and Heritage Imagery" by Dr. Shabir Ahmad Parah, Associate Professor, Department of Electronics and IT, University of Kashmir, Srinagar, Jammu and Kashmir-190006 - Release of the first instalment regarding.

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 57,05,112/-(Rupees Fifty-Seven Lakh Five Thousand One Hundred and Twelve Only) for the duration of 3 years. The detailed breakup of the grant for general as well as capital components are given below: -

Total Project Cost = Rs. 57,05,112/Non-Recurring Total Cost = Rs. 29,67,052 /-

		Recurring	Head			
Sl.no	Items	Budget(in Rs.)				
		1"	2 <sup>ed</sup>	3"	Total	
1.	Manpower					
	1 JRF	4,31,520	4,31,520	4,87,200	13,50,240	
	l Project Assistant	1,20,000	1,20,000	1,20,000	3,60,000	
2.	Consumables	50,000	50,000	50,000	1,50,000	
3.	Travel	50,000	75,000	75,000	2,00,000	
4.	Contingencies	50,000	50,000	50,000	1,50,000	
5.	Other cost	50,000	50,000	75,000	1,75,000	
6.	Procurement services		75,000	75,000	1,50,000	
7.	Overhead (8%)	60,122	68,122	74,576	2,02,820	
	Total	8,11,642	9,19,642	10,06,776	27,38,060	

- 2. The sanction of the President is also accorded to the release Rs. 8,11,642 /- (Rupees Eight Lakh Eleven Thousand Six Hundred and Forty Two Only) to the "Dean of Research, University of Kashmir, Srinagar" being the first installment of grant as mentioned the above table under "General Component". Continuation of the project beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the scheme under which the project is funded for the above-mentioned project.
- 3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization



certificate and project completion report within one year from the scheduled date of completion of the project.

- 4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
- If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the release Capital head grant.
- 6. The grant-in-aid being released is subject to the condition that
- a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above-mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to be ensured submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
- 7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
- 8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India".
- 9. As per the GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding.
- 10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest-bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
- 11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
- 12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
- 13. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
- 14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
- 15. The expenditure involved is debatable to Demand No.87, Department of Science & Technology for the year 2020-21:

3425	Other Scientific Research (Major Head)	
60	Others	
60.200	Assistance to Other Scientific Bodes (Minor Head)	_
70	Innovation, Technology Development & Deployment	
70.00.31	Grants-in-aid General for the year 2020-21	_
	Previous: TDP-NRDMS-3425.60.200.26.01.31	

16. The amount of release Rs. 8,11,642 /-(Rupees Eight Lakh Eleven Thousand Six Hundred and Forty Two Only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the "Dean of Research, University of Kashmir, Srinagar". The bank details for electronic transfer of funds through RTGS are given below: -

Name of A/C Holder	Dean of Research, University of Kashmir, Sgr
Bank A/C No	0007040500000057
Name of the Bank & branch	Jammu and Kashmir Bank Ltd., University Campus, Hazratbai Srinagar
RTGS/IFSC code	JAKONASEEM
MICR code	190051042

17. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 138 in the register of grants maintained in the Division for the scheme DDP.

 This issues with the concurrence of IFD Vide their Concurring Dy. No <u>C/3260/IFD/2020-21</u> dated 01.12.2020.

(Pramod S)

Scientist-C Tel: 26590219

E-mail: pramod.snkr@nic.in

To,
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy of information and necessary action to: -

- The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
- Drawing and Disbursing Officer, DST, Cash Section. (two copies)
- 3. Dr. Shabir Ahmad Parah

Associate Professor, Department of Electronics and IT University of Kashmir, Srinagar, Jammu and Kashmir-190006

4. Dr. Kaiser J Giri

Sr. Associate Professor, Department of Computer Sciences
Islamic University of Science and Technology, Srinagar, Jammu and Kashmir- 192122

5. Dean, Research

University of Kashmir, Srinagar, Jammu and Kashmir- 192122

- 6. The Controller of Accounts, DST
- 7. Head (TDT), DST
- 8. Sanction folder (TDT).
- 9. File copy.

(Pramod S) Scientist-C



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## Public Financial Management System-PFMS D/o Controller General of Accounts. Ministry of Finance

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Controllers 037-SCIENCE AND TECHNOLOGY

Sanction Number

DST/TDT/SHR1-33/2010(C)

Sanction fransfer (DDO Bill) Type

IFO Number: C/3759/IFD/7070-71

TRIG-INNOVATION, TECHNOLOGY DEVELOPMENT Schame

250297-DEPARTMENT OF SCIENCE & TECHNOLOGY (INCLUDING, NCST) DDO

Sentton 02/12/2020

Senetion Amount 1961952

IFO Date: 01/13/1020

> 058296-PAG(DST), New Getts

Approved

First Instairment Capital

North East Expenditure

## Account Details:

Grant	Department (For UT Grants Only)	Function Head	Object Head	Category	Amount	External PAO	Available Budget
087 - Department of Science and Technology	v	J425602007000 - INNOVATION TECHNOLOGY DEVELOPMENT AND DEPLOYMENT	35 - GRANTS FOR CREATION OF CAPITAL ASSETS	S - VÕTED	2967052		2755008514

Agency	Bank Account No	Amount	Instrument Type
University of Kashmir	0007040500000057 - RESEARCH PRC >	2,967,052.00	<b>®</b> RTGS

ePayment Details

UNION BANK OF INDIA . Amount 2967052 Accredited Bank

Not Payable Before 1 \* Required

**IFSC Code Party Account** Amount Payee Remarks **Party Name** No **JAKAONASEEM** 000704050000005. 2987052 Dr Shabir Ahmad Parah RESEARCH PRO.

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| Pramod S | Back | Pramod S | Back |

## No. DST/TDT/SHRI-33/2018(C) Government of India Ministry of Science & Technology Department of Science & Technology (Technology Development Programme (SHRI))

Technology Bhayan, New Delhi Dated.02.12.2020.

## ORDER

Sub: - Financial support for the project entitled "Design and Implementation of novel hybrid watermarking algorithms, for copyright protection of Cultural Artefacts, with special reference to IPR protection of Kashmiri Folk Songs and Heritage Imagery" by Dr. Shabir Ahmad Parah, Associate Professor, Department of Electronics and IT, University of Kashmir, Srinagar, Jammu and Kashmir-190006 - Release of the first installment regarding.

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 57,05,112/-/(Rupees Fifty-Seven Lakh Five Thousand One Hundred and Twelve Only) for the duration of 3 years. The detailed breakup of the grant for general as well as capital components are given

Total Project Cost = Rs. 57,05,112/-

Non-Recurring Total Cost = Rs. 29,67,052 /-

Recurring Total Cost = Rs. 27,38,060/-

		Recurring H	Budge	et (in Rs.)	
SI. No.	Items	1st year	2nd year	3 rd year	Total
1.	Logic Analyser 102 channel	17,72,998	-	•	17,72,998
2.	FPGA Development Setup	7,37,625	-	-	7,37,625
3.	High end Computer systems with necessary accessories	4,03,970	-	-	4,03,970
4.	Color printer/Scanner	52,459	-	-	52,459
	Total	29,67,052	-		29,67,05

- 2. The sanction of the President is also accorded to the release Rs. 29,67,052 /- (Rupees Twenty Nine Lakh Sixty Seven Thousand Fifty Two Only) to the "Dean of Research, University of Kashmir, Srinagar" being the first installment of grant as mentioned the above table under "Capital Component". Continuation of the project beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the scheme under which the project is funded for the above-mentioned project.
- 3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
- 4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate
- 5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the release Capital head grant.

6. The grant-in-aid being released is subject to the condition that

- A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above-mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- While submitting Utilization Certificate/Statement of Expenditure, the organization has to be ensured submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
- 7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
- 8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India".
- 9. As per the GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding.
- 10. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest-bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
- 11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
- 12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
- 13. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
- 14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms
- 15. The expenditure involved is debatable to Demand No.87, Department of Science & Technology for the year 2020-21:

2020-21:	Other Scientific Research (Major Head)
3425	Other Scientific Research
60	Others Assistance to Other Scientific Bodes (Minor Head) Assistance to Other Scientific Bodes (Minor Head)
60.200	Assistance to Other Scientific Bodes (Miller Bodes) Innovation, Technology Development & Deployment Innovation, Technology Development & Deployment
70	Innovation, Technology Development of the year 2020-21 Grants-in-aid Capital for the year 2020-21 Grants-in-aid Capital for the year 2020-21
70.00.35	Grants-in-aid Capital for the year 2020 Previous: TDP-NRDMS-3425.60.200.26.01.35

16. The amount of release Rs. 29,67,052 /- (Rupees Twenty Nine Lakh Sixty Seven Thousand Fifty Two Only)will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the "Dean of RTGS are given below: -

Name of A/C Holder Bank A/C No	Dean of Research, University of Kashmir, Sgr 0007040500000057
Name of the Bank & branch	Jammu and Kashmir Bank Ltd., University Campus, Hazratbal Srinagar
RTGS/IFSC code	JAKONASEEM
MICR code	190051042

- 17. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 139 in the register of grants maintained in the Division for the scheme DDP.
- 18. This issue with the concurrence of IFD Vide their Concurring Dy. No <u>C/3259/IFD/2020-21</u> dated -01.12.2020.

Scientist-C Tel: 26590219

E-mail: pramod.snkr@nic.in

To,

The Pay and Accounts Officer, Department of Science & Technology, New Delhi.

Copy of information and necessary action to: -

- The Principal Director of Audit, Scientific Department, Illrd floor, AGCR Building, I.P. Estate, New Delhi
- Drawing and Disbursing Officer, DST, Cash Section. (two copies)
- 3. Dr. Shabir Ahmad Parah
  Associate Professor, Department of Electronics and IT
  University of Kashmir, Srinagar, Jammu and Kashmir-190006
- Dr. Kaiser J Giri
   Sr. Associate Professor, Department of Computer Sciences
   Islamic University of Science and Technology, Srinagar, Jammu and Kashmir- 192122
- 5. Dean, Research
  University of Kashmir, Srinagar, Jammu and Kashmir- 192122
- The Controller of Accounts, DST
- Head (TDT), DST
- Sanction folder (TDT).
- File copy.

Scientist-C



Public Financial Management System-PFMS

O/o Controller General of Accounts, Ministry of Finance

Welcome: PRAMOD S User Type: PD 2023-2024

Sanction

Sanction

Amount:

PAO:

Status:

Approved

30/06/2023

19/06/2023

058296-PAO(DST), New Delhi

Approved for Re.1/- to transfer to CNA.

CNA may assign Sanction Limit of Rs.9,19,642/- to the grantee Institute in



[PRAMODSNKR] Logout Change Password

> Login History English Y

> > Help

AdhocReports **Payee Details** SchemeWiseContactDetails 037-SCIENCE AND Home Controller: TECHNOLOGY **CAM Reports** Sanction DST/TDT/SHRI-33/2018 (G) Sanction Date: Number: User Manuals Sanction Type: Transfer (DDO Bill) Masters IFD/C/III/190623/31/00900 IFD Date: IFD Number: Users 1819-INNOVATION, TECHNOLOGY DEVELOPMENT Scheme: Agency AND DEPLOYMENT Sanctions 258297-DEPARTMENT OF Remarks: DDO: SCIENCE & TECHNOLOGY (INCLUDING, NCST) PreSanction Sanction Custom Fields **Printing Templates** North East Expenditure **Sanction Templates** Employee Info. System Reports Account Details: Function Grant Department (For UT Head Head My Schemes Grants Only) Agencies 3425602007000 089 -INNOVATION 31 -My Funds Department GRANTS-TECHNOLOGY of Science DEVELOPMENT IN-AID GENERAL Scheme Allocation Technology DEPLOYMENT Register/ Track Issue **Bank Account No Utilisation Certificate** Agency OLD UC SCIENCE AND **ENGINEERING** RESEARCH BOARD ePayment Details

Object Category Amount External Budget PAO 2531538266 5 - VOTED

Instrument Amount Type 349902010051240 - INNOVATION TECH Y 1.00 RTGS

Accredited Bank UNION BANK OF INDIA V

**Party Account** 

No

Not Pavable Before:

Amount

Required **Payee Remarks** 

entist 'C वैज्ञानिक 'सी' ाकी विभाग विज्ञान और प्रौ TECHNOLOGY

DEPTT. OF SCIENCE vt. of India नई दिल्ली-110016/New Delhi-110016 INNOVATION TECHN UBIN0534994

**Party Name** 

349902010051240

CNA Limit Rs 919642

Note: If the IFSC Code is not automatically shown it means bank A/C is not validated. If payment process is urgent please key in the IFSC Code and process payment. Please ensure IFSC Code is correct.

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**IFSC Code** 



## GOVERNMENT OF INDIA

Ministry of Science & Technology
Department of Science & Technology
DST/TDT/SHRI-33/2018 (G)
(SHRI)

Technology Bhawan, New Delhi Dated: 30/06/2023

## Sanction Order

Subject: Financial support for the project entitled "Design and Implementation of novel hybrid watermarking algorithms, for copyright protection of Cultural Artefacts, with special reference to IPR protection of Kashmiri Folk Songs and Heritage Imagery" of Dr. Shabir Ahmad parah, UNIVERSITY OF KASHMIR, SRINAGAR, SRINAGAR, JAMMU AND KASHMIR, 190006. Release of the 2nd installment regarding.

In continuation of the sanction order dated 02/12/2020, sanction of the President is hereby accorded to the release of Rs.9,19,642/- (Rupees Nine Lakh Nineteen Thousand Six Hundred Forty Two only) to the "Director/Registrar/Principal/Controller/Comptroller, UNIVERSITY OF KASHMIR" being the 2nd installment of grant under "General Component" for the above-mentioned project.

- 2. The sanction of the President is also accorded to carry forward the unspent balance of Rs.0/-(Rupees only) from FY 2022-2023 to FY 2023-2024 in recurring head.
- 3. The expenditure involved is debitable to **Demand No. 89**, Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others: (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation, Technology Development and Deployment
3425.60.200.70.00	Detailed Head
3425.60.200.70.00.31	Grants-in-aid General
	(Previous: 3425.60.200.26.01.31)

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 9,19,642/- (Rupees Nine Lakh Nineteen Thousand Six Hundred Forty Two only) will be drawn by DDO, DST and disbursed to the "CNA account of SERB in respect of Innovation, Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. CNA shall assign/allocate the amount of Rs. 9,19,642/- (Rupees Nine Lakh Nineteen Thousand Six Hundred Forty Two only) to the Director/Registrar/Principal/Controller/Comptroller, UNIVERSITY OF KASHMIR" as per details given below:-

Name of A/C Holder	M/S DESIGN AND IMPLEMENATION OF NOVEL HYBRID
Bank A/C No	357402010047489
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0535745

30.06.2023