6.4.2 Funds / Grants received from government bodies/non government during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V ) (INR in Lakhs) (12)

6.4.2.1: Total Grants received from government and non-government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year-wise during the last five years (INR in Lakhs)

Year	Name of the non government funding agencies/individuals	Purpose of the Grant	Funds/ Grants received (INR in lakhs)	Link to Audited Statement of Accounts reflecting the receipts
2017-2020	SERB DST, Government of India	Research	INR 28.359 Lacs	
2017-2020	MeitY, Government of India	Research	INR 47.50 Lacs	
2015-2020	MeitY, Government of India	Research	INR 100.826 Lacs	
2022-2027	MeitY, Government of India	Research	INR 76.724 Lacs	
2023-2028	MeitY, Government of India	Research	INR 145.232 Lacs	
2021-2025	DST, Government of India	Research	INR 105 Lacs	
2020	SERB DST, Government of India	Research	INR 9.5 Lacs	
2022	SERB DST, Government of India	Research	INR 4.5 Lacs	
2019	DST, GOI	Research	62.4 Lacs	
2019	DST, GOI	Research	57.0 Lacs	
2023	JKSITC	Research	3.3 Lacs	

#### FILE NO. EMINZOIS/007125 SCIENCE & ENGINEERING RESEARCH BOARD(SERB) (a stanutory body of the Department of Science & Technology, government of India)

9 & 5A, Lower Ground Floor Vacant Square Mail Plot No. A. Community Centre Sector-B, Pocket-S, Vasant Kunj New Delhi-110070

Dated: 10-Jan-2020

Subject: Research project entitled "Development of Integrable, Electronically tunable Practional-order Capacitance (Practance) and its applications' under the quidance of Dr. FAROOG AHMAD KHANDAY, Electronics and Instrumentation Technology, Kashmir University , Hazzathal 16, hazarathal, grinagar, pt.

- 1. This is in continuation of SERB's senction order No. "EMIN/2006/007125" dated "26 July, 2017 " of Science and Engineering Research Board (SERB).
- Secretion of the competent authority is hereby accorded to the payment of a sum of Re. 950000/- (Rupees Nine Laich Fifty Thousand only) under Grantsin aid General to Vice Chancellot Kashmir University, Haznatbal Rd, Hasanatbal, Srinagar, JR being the 3rd grant for the financial year 2019-2020 for implementation of the above swid project.
- 3. Senction of the competent authority is also accorded to the carry forward of unspect balance of Rs. 180015/- (Rupers One Lakh Eighty Thousand and Fifteen only) ( Recurring Rs. 76463 and Non-Recurring Rs. 103552 ) to Kashmir University, Bazratbal, Rd, Hazaratbal, Srinagar, JK from FY 2008-2019 to FF 2019-2020 for the same purpose for which it was canciloned.
- 4. Sanction of the grant is subject to the conditions as detailed in Turms & Conditions available at the website (www.serb.gov.in).
- S. ft is certified that provision of GFR 212 relating to Utilization Certificates (Uos) 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 reads under Core Research Grant. (PAC Electrical Electronics & Computer Engineering)
- 7. The Sanction has been issued to Kashmir University, Hazzarbal Rd, Hazaratbal, Srinager, JK with the approval of the competent authority under delegated powers on 09 January, 2020 and vide Diary No. SERB/F/8682/2009-2020 dated 10 January, 2020
- 8. The release amount of No. 950090/- (Purpose Nine Lakh Fulty Thousand only) ( Recurring Ro. 950000 and Non-Recurring Ro. 9 ) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTOS transaction as per their Bank details given below

PFMS Unique Code	NA
Account Name	Dean, Research, University of Kashmir, Sgr
Account Number	0077040600000057
Bank Name & Branch	Jammei and Kashmir Bank Ltd University Campus, Hagrathal Srinager Jamme and Koshmir-190006
F90/RTGS Code	JAKAOBASEEM
Email id of A/C Holder	andrabili@uok.edu.in
Email id of PI	farooqkhanday@kashmiruniwetsity.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 SERIS. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- ID. As per rule 231 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / sudit whenever the institute is called
- II. The institute will furnish to the SERB, Utilization certificate(separate for Recurring 6 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 Swour of 'Pund 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 omanating out of the potject/program funded by the Science & Engineering Research Boood, a statutory body of Department of Science & Technology (DST), Government of India.

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

#### To, Under Secretary SERB, New Delbi

	information and neces	very action for -
Cours forwarded for	miemation and becau	BILLA BOOLOGE INV

1.	The Principal Director of Audit, A.G.C.R.Building, Illrd Floor LP. Estate, Delhi-110003	
2.	Sanction Folder, SERB, New Delhi.	
1.	File Copy	
•	Dr. TARDOC AHMAD RHANDAY Electronics and Instrumentation Technology Kashmir University , Heavetbal rd, hazarathal, arimaget, jk, Srinaget, Jamma and keshmir-190006 Email: fereogkhanday@kashmiruniversity.ac.in Mobile: 919906653703	
5.	Vice Chancellor, Eashmir University, Hazzarbai Rd, Hazzarthel, Srinogar, JK	

(Dr. Anima Johari) Scientist C anima johari@eerb gov.in EMX 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	JAKAONASEEM	/
Email id of A/C Holder	andrabik@uok.edu.in	

Asul 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 funable Fractional-order Capacitance (Fractance) and its applications" under the guidance of Dr. FAROCO AHMAD KHANDAY, Electronics and Instrumentation Technology, Kashmir University, Hazratbal ed, hazaratbal, srinagar, jk. Srinagar, Jammu and kashmir-190006 - Belease 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, Hazzatbal Rd, Hazaratbal, Srinagar, JK

S. No	Head	Total (in Rs.)
A	Non-recurring	
t	Equipment -> Precision Impedance Analyser (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
c	Total cost of the project (A + B')	5303048

- 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, Szinagar, JK being the last and final installment of the grant for implementation of the said research project.
- 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)
- 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, Hazzatbal 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.
- The institute will maintain separate audited accounts for the project.
- 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 SERS 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 Demend Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
- 14. The organization/institute/university should ensure that the technical aupport/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.

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

To, Under Secretary SERB, New Delhi

Complemented for information and necessary action to:

1	The Principal Director of Audit, A.G.C.R.Building, Illind 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="https://www.serb.gov.in">www.serb.gov.in</a> )
5.	Vice Chancellor, Kashmir University, Hazzatbal 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 Finances

Welcome: PRAMOD \$ User Type: PD Financial Year: 2020-2021



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#### **Payee Details**

Controller: 037-SCIENCE AND TECHNOLOGY

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

Senction Transfer (DOC BIT)

Type

IFD Number: C/3260/0FC/2020-21

1819-INNOVATION, TECHNOLOGY DEVELOPMENT AND DEPLOYMENT Scheme:

1000 (INCLUDING, NCST)

258297-DEPARTMENT OF SCIENCE & TECHNOLOGY

01/12/2020 IFD Date:

811642

058296-PAD(DST),

02/12/2020

North East Expenditure

#### Account Details:

Grant	Department (For UT Grants Only)	Function Head	Object Head	Category	Amount	PA0	Available Budget
087 - Department of Science and Technology	•	3425602007000 - INNOVATION TECHNOLOGY DEVELOPMENT AND DEPLOYMENT	31 - GRANTS- IN-AID GENERAL	S - VOTED	811642		2752406388

Agency	Bank Account No	Amount	Instrument Type
University of Kashmir	0007040500000057 - RESEARCH PRC >	611,642.00	<b>®</b> RTGS

ePayment Details

Accredited Bank | UNION BANK OF INDIA V Amount 511842

Payee Remarks Party Account Amount IFSC Code Party Name No Or Shacer Altered Parels 000704050000005 011042 RESEARCH PRO. JAKADNASEEM

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

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1/1

#### 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 , Jamma 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.)			
	170-11-11	1"	2 **	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 2017will 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".
- 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.
- 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), 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.
- 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, Hazratbal Srinagar
RTGS/IFSC code	JAKONASEEM
MICR code	190051042

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
- Dr. Kaiser J Giri
   Sr. Associate Professor, Department of Computer Sciences
   Islamic University of Science and Technology, Srinagar, Jammu and Kashmir- 192122
- Dean, Research University of Kashmir, Srinagar, Jammu and Kashmir- 192122
- The Controller of Accounts, DST
- Head (TDT), DST
- Sanction folder (TDT).
- 9. File copy.

(Pramod S)
Scientist-C



## Public Financial Management System PFMS O/o Controller General of Africants, Ministry of Financia

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Section 6W13V1016

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IFO Gate: \$1/12/2020

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First Installment 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	•	3425602007000 - INNOVATION TECHNOLOGY DEVELOPMENT AND DEPLOYMENT	JS - GRANTS FOR CREATION OF CAPITAL ASSETS	5 - <b>VO</b> TEO	2967052		2755008514

Agency	Bank Account No	Amount	Instrument Type
University of Kestimir	00070405000000057 - RESEARCH PRIC >	2,967,952.00	® attis

ePayment Details

Accredited Bank UNION BANK OF INDIA V Amount 2967052

Not Payable Bafure i

kequired

Payce Remarks IFSC Code Party Account Amount Party Name No 2967052 Dr Shabir Ahmad Perah JAJLAONASEEM 000704050000005 RESEARCH PRO.

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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#### No. DST/TDT/SHRI-33/2018(C)

Government of India

Ministry of Science & Technology Department of Science & Technology

(Technology Development Programme (SHRI))

Technology Bhavan, New Delhi Dated.02,12,2020.

0.0

#### 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. Shahir 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 below:

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

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

		-Recurring Head Budget (in Rs.)				
sl. 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		32	7,37,625	
3,	High end Computer systems with necessary accessories	4,03,970		1	4,03,970	
4.	Color printer/Scanner	52,459	-		52,459	
	Total	29,67,052	2		29,67,052	

- 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 in the PFMS.
- If the grant has been released under capital head through separate sanction order under the same project.
   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.bbaratkosh.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:

20-21: 3425	Other Scientific Research (Major Head)
50	Others Order (Minor Head)
60.200	Assistance to Other Scientific Bodes (Manual Assistance to Other Bodes (M
70	Grants-in-aid Capital for the year 2020-21
70.00.35	Grants-in-aid Capital for the year 200.26.01.35 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 "Denn of Research, University of Kashmir, Srinagar". The bank details for electronic transfer of funds through RTGS are given below:

Name of A/C Holder Bank A/C No	Dean of Research, University of Kashmir, Sgr 0007040500000057	
oranch	Jammu and Kashmir Bank Ltd., University Campus, Hazratbal Srinagar	
RIGS/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.
- 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, LP. Estate, New Delhi.
- Drawing and Disbursing Officer, DST, Cash Section. (two copies)
- Dr. Shabir Ahmad Parah
   Associate Professor, Department of Electronics and IT University of Kashmir, Srinagar, Jammu and Kashmir-190006

Pro- --- -- --- ----

- Dr. Kaiser J Giri
   Sr. Associate Professor, Department of Computer Sciences
   Islamic University of Science and Technology, Srinagar, Jammu and Kashmir- 192122
- Dean, Research University of Kashmir, Srinagar, Jammu and Kashmir- 192122
- The Controller of Accounts, DST
- Head (TDT), DST
- Sanction folder (TDT).
- File copy.

Pramod S) 12/.



Public Financial Management System-PFMS

O/a Controller General of Accounts, Ministry of Finance

Welcome: PRANOD S User Type: PD Financial Year: 2023-2024



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AdhecReports Payee Details Scheme Wise Contact Details 037-SCIENCE AND Sanction Harrie Approved Controller: Status TRECHINGLIGHT CAM Reports Spection 30/08/2033 Sanction Date: OST/TDI/SHRH-33/2015 (G) Mumbers User Hanuals Sanction Sanction Type: Transfer (DDG Bit) Amount: Manters 3FD Number: IFC/C/III/190623/31/00900 TED Dates 19/06/2023 Manry NOTAVONNE-BEST 058296-PAC(DET), New Dolle Scheniel TECHNOLOGY DEVELOPMENT AND DEPLOYMENT PAO: Agence Aggroved for Re.12- is transfer to CNA. Sanctions 15Y297-DERWITHENT OF CNA may assign Sanction Link of 83,9,19,642/- to the grantee building in SCIENCE & TECHNOLOGY Remarks: ppo: (INCLUDING, NCST) PreSanction Sanction Custom Fields Printing Templetes North East Expenditure Sanction Templates Employee Info. System Reports Account Detailes Object Category Amount External Available Function Grant Department PAO Budget (For UT Head Head My Schemes Grants Only) Agencies 5425602007000 089 -DOLLAROWS 31 My Funds Department GRANTS TECHNOLOGY 2531558266 5 - VOTED 1 of Science IN-AET DEVELOPMENT and GENERAL Schume Allocation Technology DEPLOYMENT Register/ Track Issue Instrument Amount Bank Account No. Utilization Cartificate Agency Type DED HE E-00 @ imgs 349902010051240 - INNOVATION TECH > € ENGINEERING DESEABLE BOARD ePayment Details **Not Payable** Accredited Bank UNION BANK OF INDIA V Before : Payee Remarks Amount **IFSC Code** Party Account Party Name No प्रमोद एस / Fr nod S CNA Limit Rs 919642 349902010051240 INNOVATION TECHT UBINO534994 wtist 'C वैज्ञानिक 'श्री पकी विभाग Note: If the IFSC Code is not automatically shown it means bank A/C is not validated. If payment process is विकाल और भी TECHNOLOGY urgent please key in the IFSC Code and process payment. Please ensure IFSC Code is correct. DEPTT OF SCIENC at, of India नाई दिल्ली-110015/1 aw Dethi-110010

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#### 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.
- 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 ₹ I/- (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

 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

Bown 2073

- 6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 19, in the register of grants maintained in the SHRI for the scheme Science and Heritage Research Initiative SHRI.
- This issues with the concurrence of IFD Vide their Concurring Dy. No IFD/C/III/190623/31/00900 dated 19/06/2023.
- 8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.
- The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.
- 10. This sanction order is subject to the Terms & Conditions as annexed.

PRAMOD S (Scientist - 'C') pramod.snkr@gov.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi – 110 016.

Copy of information and necessary action to: -

- 1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
- The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
- The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
- 4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
- Dr. Shabir Ahmad parah, Assistant Professor, Department of Electronics and IT, UNIVERSITY OF KASHMIR, Srinagar, Srinagar, Jammu And Kashmir - 190006
- The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), UNIVERSITY OF KASHMIR, Srinagar, Srinagar, Jammu And Kashmir - 190006
- 7. Secretary, SERB, New Delhi ( for allocation of limits to implementing agency )
- 8. Head (SHRI) DST

9. Sanction Folder (SHRI)

(Scientist - 'C') pramod.snkr@gov.in



#### भारत सरकार विज्ञान और प्रौद्योगिकी मंत्रालय विज्ञान और प्रौद्योगिकी विभाग DST/TDT/SHR1-33/2018 (G) निवंधन और शर्त

- 1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/पोद्दभुत ब्याज को विधिवत रूप से दशति हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिद्धिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निधारित तारीख़ से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्यथीन है।
- अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अतिम किस्त प्रभाग द्वारा पूसी की स्वीकृति की पुष्टि और पीएफ़एमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
- 3, पृद्धि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम् से पूंजी-शीष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसइ/यूसी प्रस्तुत करना होगा।
- जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्यधीन है-
  - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीट करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदशी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत

ख) उपर्योग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावज़-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।

- 5, जीएफ़आर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या आग्रम (प्रतिपृति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरत बाद भारतीय समेकित निधि में अनिवाय रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
- 6. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पर्दों या सेवाओं में अनुसूचित जाति यो अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
- 7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि बैंक खाते में सब्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में (गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात www.bhagatkosh.gov.in के माध्यम से) विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुदाती अनुदान के निगम/ परियोजना खाते की बंद करने पर विचार किए जाने के लिए, ब्यव विवरण/ उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।
- 8. डीएसटी, अनुदान से सुजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अजित संपत्ति (जीएफआर 2017 में निधारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुप्योगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।
- जैसा कि सामान्य वित्तीय नियम्गुवली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकरी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्योत्त्य दीना द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होंगा।
- 10, इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशना/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।
- 11, बॉन्ड के नियमों और शतों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।
- 12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।
- जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु /उपस्कर) का अनिवार्यतया आने लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।

14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्याः 4:1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।

15, यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।

16. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।

Generated through cPMS



### GOVERNMENT OF INDIA Ministry of Science & Technology Department of Science & Technology DST/TDT/SHRI-33/2018 (G) Terms & Conditions

- 1. 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 (Vis-a-Vis Target Vs-Achievement) 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.
- 2. 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 released Capital head grant.
- 4. 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 ensure 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.
- 5. 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.
- 6. 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"
- 7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. 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.

- 12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
- 13. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
- 14. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.
- 15. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.
- 16. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.

#### GOVERNMENT OF JAMMU & KASHMIR JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL

Department of Science & Technology

SDA Colony, Bernina, Srinagar/5-8/C Gandi Nagar Jammu

E-mail jkstic89@amail.com

JKST&IC ORDER NO: 8/ of 2021. Dated: 29 - 09 - 2021.

Sub: - Release of first Instalment of funds amounting to Rs.21.36 lakhs in favour of Registrar, University of Kashmir, Kashmir for implementation 11 R&D Projects sponsored by JK Science Technology and Innovation Council.

S&T Order No.16-JKST&IC of 2021 dated 26-2-2021

Sanction is hereby accorded to the drawl of Rs.21.36 lakhs (Rupees twenty one lakhs and thirty six thousands only) out of the Capex Budget 2021-22 of JK Science Technology Innovation Council under the approved Capex Budget Scheme "Sponsored Research and Extension Programme" for the financial year 2021-22 in favour of Registrar, University of Kashmir for its disbursement among the Principal Investigators(PI) of recommended R&D Projects as per the Annexure to this order. The released amount in favour of the PIs of R&D Projects has been recommended by Technical Committee vide No. PGD/Cem dated 23-7-2021 as a first instalment, out of the total sanctioned amount of Rs.72.58 lakhs for a period of two years.

The placement of the funds is subject to the following conditions:

- 1. The funds shall be utilized exclusively for the purpose for which it has been sanctioned and strictly as per the norms of the scheme;
- PI of the project shall adhere all those Terms & Conditions which has been communicated by the Technical Committee constituted for the purpose;
- 3. While incurring the expenditure PI,s may be informed to incur expenditure after observing all codal formalities.

The sanctioned amount shall be debitable to:

Demand(GAD), Science & Technology Department 35

Major Head (Capital Outlay on other Scientific and Environmental Research) 5425

Minor Head (Other Expenditure) 800

General 0011

Scientific Service and Research 0868

Detailed Head (Works) 115

Sponsored Research & Extension Scheme

This issues with the approval of Administrative Department conveyed vide No. No.ST/P&S/2021/03 dated 13-08-2021.

> Additional Director Dated: 29.09.2021

No: JKST&IC / SRSC-J/2019-20/ 798-803

Copy to:-Principal Secretary to Govt; Science & Technology Deptt, Civil Sectt Jammu/Srinagar 1.

Vice Chancellor, University of Kashmir for information 2.

Registrar, University of Kashmir for information 3.

Joint Director JKST&IC for information 4.

Accounts Officer, JKST&IC 5.

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#### GOVERNMENT OF JAMMU & KASHMIR JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL

Department of Science & Technology

SDA Colony, Remind, Silvagard's B/C Gondhi Nagar Jammu

Dr. Shabir Ahmad Parah. Sr. Asstt. Professor Deptt. Of Electronics & IT, University of Kashmir. Hazratbal Srinagar (J&K)

No:JKST&IC/SRE/874-77

Dated 2710-2021.

Sub: Funding of Research Projects - Approval thereof,

Sir,

We are pleased to inform you that your project titled "Development of Lightweight security algorithms for IOMT based smart health applications" has been approved by the expert committee for funding. A total amount of Rs.5.79 lakhs have been approved and shall be released in phased manner as per the availability of funds over a period of duration of the project and shall be governed by JKST&IC rules. In the first instance an amount of Rs. 1.82 lakhs has been released vide JKSTIC Order No.81 of 2021 dated 29-09-2021 in the official account of your institution. The terms and conditions governing the funding of the project are as below.

#### Terms and Conditions

- Principal Investigator's (PI's) who have been allotted funds for undertaking Surveys / Studies in the Financial Year 2020-2021 and 2021-2022 are not recommended for research project funding;
- 2. PI's who have submitted more than one project are recommended for undertaking only one research project at a time;
- 3. The PI shall complete the research projects within the budget recommended by the Technical Evaluation / Advisory Committee and within stipulated time;
- PI of the projects must be working as permanent Scientists/ Academicians;
- International travel if any, is not permitted under the programme;
- The overhead expenses(if any) will be given upto 10% of the yearly budget excluding the cost of permanent equipment (not exceeding Rs 2.50 Lakhs in the total budget);
- 7. Any equipment procured under the said project shall be allowed to be used by any other research agency as and when needed;
- 8. Stock Register for any purchase made under the project should be properly maintained for audit purposes or as and when needed:
- Physical and financial progress of the projects should be communicated after every three months, or whenever asked for:
- 10. The investigators should clearly understand and accept the Terms and Conditions regulating the grants released by the JKST⁣
- Funds for approved proposals shall be released only as per rules of the JKST⁣
- 12. PI must submit Utilization Certificate, Project report, and other relevant documents, duly audited and authenticated by the Competent Authority, to JKST&IC on the completion of the project or as and when asked for in case of official exigency; and

13. Publication of results/presentation of papers should clearly acknowledge the funding from the JKST&IC, UT of J&K and should also contain a disclaimer that the JKST&IC is not responsible for any result interpretations expressed in the report/study.

#### Expenditure breakup

S.No.	Item	Budget		(Rs. in lakhs)	
3.110.	Item	First Year	Second Year	Total	
1	Consumables	0.20	0.30	0.50	
2	Minor equipment (less than 2.5 Lakhs)	2.49	0.00	2.49	
3	Travel for attending/ participating in Conferences/Workshops/Project related Work	0.20	0.20	0.40	
	Control Contro	1.20	1.20	2.40	
4	Manpower	0.00	0.00	0.00	
5	Others/Contingency Total:	4.09	1.70	5.79	

For any other clarification please feel free to contact preferably through E-Mail: jkstic89sre@gmail.com

With regards,

Additional Director.

- Vice Chancellor, University of Kashmir, Hazratbal Srinagar
- Registrar, , University of Kashmir, Hazratbai Srinagar
- 3. Dr. Bilal Ahmad Malik (Co-PI) Sr. Scientific Officer, Institute of Technology, University of Kashmir, Hazratbal. Srinagar

SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu

JKST&IC ORDER NO: 20 of 2022.
Dated: 9 . 01- 2022.

Sub: Release of part payment of first Installment of funds amounting to Rs.13.00 lakhs in favour of Registrar, University of Kashmir, Kashmir for implementation of 11 R&D projects sponsored by JK Science, Technology & Innovation Council.

Ref. Govt. Order No. 02-JK(ST) of 2022 dated. 24.01.2022.

In continuation to this office order No JKST&IC Order No. 81 of 2021 dated. 29.09.2021, sanction is hereby accorded to further release of an amount of Rs.13.00 lakhs as a part payment of 1" Installment of funds in favour of Registrar, University of Kashmir, for disbursement in favour of Principal Investigators of the respective projects as per the list enclosed to this order. Other terms and conditions laid down in the previous order shall remain the same. The sanction amount shall be debatable to

Demand(GAD) Science & Technology Department Major Head (Capital Outlay on other Scientific and Environmental Research) 5425 Minor Head (Other Expenditure) 008 General 0011 Scientific Service and Research 0268 Detailed Head (Works) 115 Sponsored Research & Extension Scheme

Additional Director

No: JKST&IC/ J/75/2020/

Dated: 9.02.2022

- Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, 1. Jammu/Srinagar.
- Vice Chancellor, University of Kashinlir for information. 2.
- Registrar, University of Kashmir, for information. 3.
- Principal Investigators/Co-Investigators with the request to submit the information 4. regarding the approved projects, as per the formats attached, by the end of financial year 2021-22 duly authenticated by Competent Authority.
- Joint Director(SR), JKST&IC for information. 5.
- Accounts Officer, JKST&IC 6.
- Office order file. 7.

SDA Colony, Bernina, Srinagar/5-B/C Gandhi Nagar Jammu

JKST&IC ORDER NO: 18 of 2022.
Dated: 69 02-2022.

Sub: Release of part payment of first installment of funds amounting to Rs.3.90 lakhs in favour of Registrar, University of Kashmir, Kashmir for Implementation of <a href="mailto:03">03</a> R&D projects sponsored by JK Science, Technology & Innovation Council.

Ref. Govt. Order No. 02-JK(ST) of 2022 dated. 24.01.2022.

In continuation to this office order No JKST&IC Order No. 91 of 2021 dated. 03.11.2021, sanction is hereby accorded to further release of an amount of Rs.3.90 lakhs as a part payment of 1st installment of funds in favour of Registrar, University of Kashmir for further disbursement in favour of Principal Investigators of the respective projects as per the list enclosed to this order. Other terms and conditions laid down in the previous order shall remain the same. The sanction amount shall be debatable to

Demand(GAD) Science & Technology Department

5425 Major Head (Capital Outlay on other Scientific and Environmental Research)

800 Minor Head (Other Expenditure)

9011 General

9868 Scientific Service and Research

115 Detailed Head (Works)

Scheme Sponsored Research & Extension

Additional Director

No: JKST&IC/ J/75/2020/

Dated: 9.02.2022

- Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
- 2. Vice Chancellor, University of Kashmir for Information.
- Registrar, University of Kashmir, for Information.
- Principal Investigators/Co-Investigators with the request to submit the information regarding the approved projects, as per the formats attached, by the end of financial year 2021-22 duly authenticated by Competent Authority.
- Joint Director(SR), JKST&IC for Information.
- Accounts Officer, JKST&IC
- Office order file.

#### Sponsored Research and Extension Projects Recommended by SAC/Technical Committee for funding

ANNEXURE

Rs. In laidin University of Kashavir

S,No	Name of Principal Investigator with Contact Details E-mail /cell No.	Title of the Project Proposal	Institution / Organization	Funds Red Techn	ommend ical Comr	ed by th nittee	aire Reis		Funds Release 1 now (IVA Cope	la la
1	2	3	4	1st Year	2nd Year	Tota	il le		1	1
				5	6	7	$\neg$	•	1 9	1
- 4	Prof. S Muzaffar Ali Andrabi , Dean School of Engineering, muzaffar 2000@gmail.com / 9419009372	Synthesis and Characterization of Birmetallic Nanoparticles and Treatment /Purification of Water using Modified and Unmodified Birmetallie Nanoparticles	Institute of Technology, Zakura Campus, University of Kashmir	5.19	2.7	0	7.89	1.	15	7.00
4	Dr. Mohd Altaf Bhat, Asstt. Prof. oltafbhat@uok.edu.in	Elucidation of the Epigentic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	W. Commence	9.2		75	10.00		1.69	1.
3 [	797862135 / 9797862135 Or, Khurshed Ahmad Shah, ssstt. Porf.	Modelling and Simulation of Silicene Nanoscale Electronic Devices and Their futuristic	Deptt of Nano-Technology University of Kashmir, Srinagar	1	28	1.80	6.08			
	rkhursheda@gmail.com 1-7006875969	Applications	25 Oct 18755		8.72	5.25	23.97	1	7.59	8

about

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Dr. 1 Sr. A Dept drma	4 0 0 0 0	75.50	2	н		-	SNO	
Dr. Manzoor Ahmad Mir. Sr. Assistant Prof., / Head Deptt. of Bioresources, drmanzoor@kashmiruniversity.a	Dr. Fayaz Ahmad, Prof. & Head, Deptt. of Environmental Science rajafayazali@gmail.com, 7006725416	Dr. Javaid Igbal, Senior Asstt. Prof., iamjavaid@gmail.com / 91- 7006436048	Dr. Shabir Ahmad Parah, Sr. Asstt. Prof., shabireltr@gmail.com / 91956529991	Prof. Gh. Jeelani, Slope Stability Ass Head of Department, Road Cuts Along J geojeelani@kashmiruniversity.ac National Highway .in	3.9	,	Name of Principal Investigator with Contact Details E-mail /cell No.	
Targeting drug resistant cancer stem cells by combinational delvery of Paclitaxel and Quercetin /Zerumbone in breast cancer	Evaluation of Physiological, immunological and parasitological factors of native and exotic fishes as an environmental risk assesment (ERA) tools of some water bodies of Kashmir Valley	Algorithm Design and Mathematical Mudelling of Software Testing Effort Consumption	Development of Lightweight security algorithms for IOMT based smart health applications	Slope Stability Assessment of Road Cuts Along Jammu Srinagar Road National Highway	v	4	#	Sponsored Research and Extension Projects Recommended by SAC/Technical Comm
Deptt. Of Bioresources, University of Kashmir, Hazratbal Srinagar (J&K)	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (J&K)	P.G Deptt. Of Computer Sciences, Universityof Kashmir, Hazratbal Srinagar	Deptt. Of Electronics & FT, University of Kashmir, Hazratbal Srinagar (J&K)	Earth Sciences, School of Eath and Environmental Sciences, University of Kashmir Hazratbal Srinagar			nization	ttee for fur
	5.99	2.50	4.09	5.99	5	1st Year	Funds Recommended by the Technical Committee	ding
6.40		0.50	1.70	2.50	6	2nd Year	ds Recommended by Technical Committee	ANNEXURE
3.60	3.00		5.79	8.49	7	Total		-
10,000	8.99	3.00	1	2.77		90	Funds already Released (50% Capes)	Rs. In lakhs Kashmir University
	2.77	1,02 /	132		ч		Funds Released till now (25% Capes)	rensity
	150	100	100	1.50		+	است. س	/

	drhidayattak@yahoo.com /	urgent need for its control &	Deptt. Of Zoology, University of Kashmir, Srinagar			1	1.62	1.00
7	9419456456	management	or swanting, arthagae		110			
	Prof. Dr. Nahida Tabassum, Professor and Head, n.tabassum.uk@gmail.com	Evaluation of Hepatoprotective Potential of Some Promising Locally Available Natural Herbs	Deptt. Of Pharmaceutical Sciences, University of Kashmir Hacrathal Srinagar	6.26	3.29	9.55	2.90	1.50
	Prof A Arif Wani, Professor, awami@uck.edu.in / 7006276302	Smart Apple Disease Detection (SADD): A Deep Learning based smart android app for identification of Apple diseases	P.G Deptt. Of Computer Sciences, University of Kashmir, Srinagar (J&K)	2.38	2.10	4.48	0.96	1.00
1	Dr. Sajid Yousuf Shat. Asstt. Prof., ohatsajid gʻuok.edu.in / 0070142309	Computer Numerical Control Machine for Making Small Woodcarving Articles	Deptt.of P.G Computer Sciences, University of Kashmir Hazratbal Srinagar	3.29	0.80	4.09	1.42	100
A si	M. Showkat Ahmad Ganel, kssistant Prof. howkatganie & keshmiruniversit .ac.in 91-9419972678	Oxidative stress and diabetes, a correlated study by using active extract of Inula obtusifolia	Department of Clinical Biochemistry, University of Kashmir, Hazratbəl Srinagar (J&K)	4.20	4.20	8.40	1.87	100
Si bi		Early Detection and Efficient Prevention of Breast Cancer Using Machine Learning Techniques.	Deptt. Of Electronics and Communication Engineering Institutre of Technology Zakura Campus University of Kashmir	2.94	0.45	3.39	124	ı
_		Total:		47.74	24.84	72.58	21.36	13

n.Ah.

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#### GOVERNMENT OF JAMMU & KASHMIR IK SCIENCE TECHNOLOGY & INNOVATION COUNCIL Department of Science & Technology

SDA Colony, Bernina, Sringar/5-8/C Goodfil Nagar Jammu

JKST&IC ORDER NO: 53 of 2022. -- 16 03.2022.

Sub - Release of funds (1st year) amounting to Rs.5.94 lakhs in favour of Registrar, University of Kashmir, Kashmir for Implementation of 03 R&D projects sponsored by JK Science, Technology & Innovation Council.

Ref. Govt. O. dei No. 02-JK(ST) of 2022 dated. 24.01.2022. IKST&IC order No. 91 of 2021 dated, 03.11.2021, JKST&Ic order No.18 of 2022 dated, 09.02.2022.

Sanction is hereby accorded to the placement of an amount of Rs.5.94 lakhs (Rupees five lakhs & ninety four thousand only) on account of balance of first installment in favour of Registrar, University of Kashmir, Kashmir for further disbursement in favour of Principal Investigators of the respective projects as per the list enclosed to this order. Other terms and conditions laid down in the previous order shall remain the same. The sanction amount shall be debatable to

Demand(GAD)	Science & Technology Department	Environmental Research)
5425	Major Head (Capital Outlay on other Scientific and	Ellino
800	Minor Head (Other Expenditure)	
0011	General	
0868	Scientific Service and Research	1
115	Detailed Head (Works)	
Scheme	Sponsored Research & Extension	2 2

Additional Director

Dated: 15.03.2022

No: JKST&IC/ J/75/2020/ 250-54

Copy to:

Department, Civil Secretariat, Principal Secretary to Govt. Science & Technology Jammu/Srinagar.

Vice Chancellor, University of Kashmir for information. 2.

Registrar, University of Kashmir, for Information. 3

Principal Investigators/Co-Investigators with the request to submit the information regarding the approved projects, as per the formats attached, by the end of financial year 2021-22 dul 4. authenticated by Competent Authority.

Accounts Officer, JKST&IC 5.

Office order file

SDA Listony, Beruina, Sunagar/S-fi/L Gandbi-Hager Jazonesi

JESTALC ORDER NO: 55 of 2022.

Sub-Release of funds (Ist year) amounting to Rs.9.55 lakhs in favour of Registrar, University of Kashmir, Kashmir for implementation of 11 R&D projects sponsored by JK Science, Technology & Innovation Council.

Ref. Govt. Order No. 02-JK(ST) of 2022 dated. 24.01,2022. AST&IC order No. 81 of 2021 dated. 29.09.2021. INSTINIC order No.20 of 2022 dated. 09.02.2022.

Sanction is hereby accorded to the placement of an amount Rs.9.55 lakhs (Rupees nine lakh & fifty five thousand only) on account of balance of first installment in favour of Registrar, University of Kashmir, Kashmir for further disbursement in favour of Principal Investigators of the respective projects as per the list enclosed to this order. Other terms and conditions laid down in the previous order shall remain the same. The sanction amount shall be debatable to

Demand(GAD)	Science & Technology Department Major Head (Capital Outlay on other Scientific and Env	vironmental Research)
5425	Major Head (Capital Odday of other sales	4
800	Minor Head (Other Expenditure)	18
0011	General	
	Scientific Service and Research	
115	Detailed Head (Works)	
Scheme	Sponsored Research & Extension	

Additional Director

NO: JKST&IC/ 1/75/2020/ 255-60

Dated: 15.03.2022

- Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, 1. Jammu/Srinagar,
- Vice Chancellor, University of Kashmir for Information. 2.
- Registrar, University of Kashmir, for information.
- 3. Principal Investigators/Co-Investigators with the request to submit the information regarding 4. the approved projects, as per the formats attached, by the end of financial year 2021-22 duly authenticated by Competent Authority.
- Accounts Officer, JKST&IC 5
- Office order file.

# Sponsored Research and Extension ANN Projects Recommended by SAC/Yechnical Committee for funding

Rs. In lakhs
University of Kashmir

94 17.43	49 5,94	11.49	23,97	5.25	18.72	Total:		
3.99	9 1.30	8 2.69	6.08	1.80	4.28	Deptt.of Nano- Technology University of Kashmir, Srinagar	Modelling and Simulation of Deptt.of Nano- Silicene Nanoscale Technology Electronic Devices and Their University of Kashmir, futuristic Applications Srinagar	Dr. Khurshed Ahmad Shah, In Vall Porf. Suit Porf. Schnursheda@gmail.com E. 31-7006875969
8.75	3.10	5.65	10.00	0.75	9.25	Deptt. Of Biotechnology, University of Kashmir	Elucidation of the Epigentic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	0r. Mohd Altaf Bhat, Asst. Prof. alafshat@uok.edu.in 9197862135 / 9797862135
4.5	154	3.15	7.89	2.70	5.19	Institute of Technology, Zakura Campus, University of Kashmir	Synthesis and Characterization of Bimetallic Nanoparticles and Treatment /Purification of Water using Modified and Unmodified Bimetallie Nanoparticles	and, S Muzaffar Ali Andrabi, Jean School of Engineering, nuzaffar2000@gmail.com / 1419009372
5	9 .	00	Total 7	Year 6	1st Year	4	ω,	2
Total funds released (8+9)	Funds Released now [25% Capex)	Funds already Released (75% Capex)	led by the mittee	ds Recommended by Technical Committee	Funds Recommended by the Technical Committee	Institution / Organization	Title of the Project Proposal	e of Principal Investigator contact Details E-mail /cell

S.No		м	-		2	w		4	212	S	
-	Details E-mail /cell No.	2	Prof. Gh. Jeelani	Head of Department, geojeelani@kashmirunive sity.ac.in	Or. Shabir Ahmad Parah, Sr. Asstt. Prof., Shabiretr@gmail.com/	Dr. Javaid Igbal,	Senior Asstt. Prof., Mathematical Mudelling lamjavaid@gmail.com / 91-of Software Testing Effort 7006436048 Consumption	Dr. Fayaz Ahmad,			Dr. Manzoor Ahmad Mir. 1 Sr. Assistant Prof., / Head co Deptt. of Bioresources, co drmanzoor@kashmirunive p rsity.ac. in / 9627901310
1		w	Slove Stratili	Head of Department, of Road Cuts Along Jammu Eath and Environmental geojeelani@kashmirumiver Srinagar National Highway Sciences, University of sity.ac.in  Kashmir Hazratbal	Development of Deptt. Of Electronics & I Lightweight security University of Kashmir, algorithms for IOMT based Hazratbal Sringear USX1	Algorithm Design and	Mathematical Mudelling of Software Testing Effort Consumption	Evaluation of	Physiological, immunological and parasitological factors of native and exotic fishes as an environmental risk assessment (ERA) tools of	L	Targeting drug resistant cancer stem cells by combinational delivery of Pacilitaxel and Quercetin Pacilitaxel and Cuercetin Pacilitaxel Pacilitaxe
itle of the Project	institution / Organization	4		Earth Sciences, School of Eath and Environmental Sciences, University of Kashmir Hazratbal	Deptt. Of Electronics & IT, University of Kashmir, Hazratbal Sringear (1887)	P.G Deptt. Of Computer	Sciences, Universityof Kashmir, Hazratbal Srinagar	Deptt. Of environmental	Science, University of Kashmir, Hazratbal Srinagar (J&K)		Deptt. Of Bioresources, University of Kashmir, Hazratbal Srinagar (J&K)
ttee for func	Funds Re Tech	1st Year	5	5.99	4.09	S	250	5 90			6.40
ling	Funds Recommended by the Technical Committee	2nd Year	o.	2.50	1.70	200	0.50				3.60
		Total	7	8.49	5.79		3.00		9		10.00
Kashmir University	Funds already Released (75% Capex)		00	4.27	2.82		2.02		4.27		4.47
Alls	eased ow Capex)		9	1.00	1.00		0.48		1.00		
	Total funds released (8+9)		10	5.27	3.82		8 2.50		527	1	1.00 5.47

SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu

Registrar, University of Kashmir, Srinagar, Kashmir.

No: JKSTIC/ 75/2021/ 138-41

Dated:-12 -08-2022

Sub: Funding of Projects by JKST&IC- Constitution of Monitoring Committee thereof.

Sir.

Kindly refer to the subject cited above. In this context, I am directed to convey you that the amount approved, as 1st year grant, in favour of the PI's of your Institute, has been released in full. The time duration of the Project is deemed to have begun from the date of release of 1st part of the total approved amount.

Before initiating process of release of funds approved for 2<sup>nd</sup> year, the assessment of Technical Committee regarding the progress achieved during the 1<sup>st</sup> year, in terms of objectives, achievements, expenditure incurred and other aspects of the research involved is required. The JKST&IC is in the process of constituting expert committee/s to monitor the progress and submit the report regarding the approved projects

In view of this, you are requested to nominate two eminent faculty members from your institution for the said assignment. The members should in no way be involved with the matters related to the JKST&IC funded projects, presently going on in your institution, in order to avoid any sort of conflict of interest. Pertinent to mention that the projects are completing one year in October/ November2022 and the said report needs to be submitted and assessed by that time. The timely submission of the project report shall allow JKST&IC to process release of funds, due for the 2<sup>nd</sup> year, in time.

The matter may be treated on priority

Yours faithfully

Joint Director (SR)

#### Copy to:

Additional Director, JKST&IC, Srinagar for Information.

 PA to Vice Chancellor, University of Kashmir, Srinagar for Information of Vice Chancellor.

1

Principal Investigator/Co.PI's of the approved project.

SDA Colony, Bemina, Srinagar/S-B/C Gandhi Nagar Jammu

 Release of final installment (Ist year) amounting to <u>Rs.3.83 lakhs</u> in favour of <u>Registrar</u>, <u>University of Kashmir, Kashmir</u> for implementation of <u>11</u> R&D projects sponsored by JK Science, Technology & Innovation Council.

Govt. Order No. 02-JK(ST) of 2022 dated, 24.01.2022, JKST&IC order No. 81 of 2021 dated, 29.09.2021, JKST&IC order No.20 of 2022 dated, 09.02.2022. JKST&IC order No.55 of 2022 dated, 15.03.2022.

JKST&IC ORDER NO: 97 of 2022.
Dated: 29 06.2022.

tion is hereby accorded to the placement of an amount Rs.3.83 lakhs (Rupees three lakhs three thousand only) with respect to the funds approved for the first year in favour of strar, University of Kashmir, Kashmir for further disbursement in favour of Principal stigators of the respective projects as per the list enclosed to this order. Other terms and itions laid down in the previous order shall remain the same. The sanction amount shall be table to

Demand(GAD) Science & Technology Department

5425 Major Head (Capital Outlay on other Scientific and Environmental Research)

800 Minor Head (Other Expenditure)

0011 General

0868 Scientific Service and Research

115 Detailed Head (Works)

Scheme Sponsored Research & Extension

Sd/-Additional Director

(ST&IC/ 1/75/2020/ 700-706

Dated: 29.06.2022

to:

Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.

Vice Chancellor, University of Kashmir for information.

Registrar, University of Kashmir, for information.

Principal Investigators/Co-Investigators with the request to submit the information regarding the approved projects, as per the formats attached, by the end of financial year 2021-22 duly authenticated by Competent Authority.

Accounts Officer, JKST&IC

Office order file.

Joint Director(SR) JKST&IC

SDA Colony, Bernina, Srinagar/5-B/C Gandhi Nagar Jammu

Sub: Release of final installment (Ist year) amounting to <u>Rs.1.29 lakhs</u> in favour of <u>Registrar</u>, <u>University of Kashmir, Kashmir</u> for implementation of <u>03</u> R&D projects sponsored by JK Science, Technology & Innovation Council.

Ref. Govt. Order No. 02-JK(ST) of 2022 dated. 24.01.2022. JKST&IC order No. 91 of 2021 dated. 03.11.2021, JKST&IC order No.18 of 2022 dated. 09.02.2022. JKST&IC order No.53 of 2022 dated. 15.03.2022.

JKST&IC ORDER NO: 96 of 2022.
Dated: 29 06.2022.

Sanction is hereby accorded to the placement of an amount of Rs.1.29 lakhs (Rupees One lakh & twenty nine thousand only) with respect to the funds approved for the first year in favour of Registrar, University of Kashmir, Kashmir for further disbursement in favour of Principal Investigators of the respective projects as per the list enclosed to this order. Other terms and conditions laid down in the previous order shall remain the same. The sanction amount shall be debitable to

Demand(GAD	) Science & Technology Department	
5425	Major Head (Capital Outlay on other Scientific and Environmental Research	
800	Minor Head (Other Expenditure)	
0011	General	
0868	Scientific Service and Research	
115	Detailed Head (Works)	
Scheme	Sponsored Research & Extension	

Sd/-Additional Director

Dated: 29.06.2022

No: JKST&IC/ J/75/2020/ 6 94 -- 10-0

#### Copy to:

- Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
- Vice Chancellor, University of Kashmir for information.
- 3. Registrar, University of Kashmir, for information.
- Principal Investigators/Co-Investigators with the request to submit the information regarding the approved projects, as per the formats attached, by the end of financial year 2021-22 duly authenticated by Competent Authority.
- 5. Accounts Officer, JKST&IC
- 6 Office order file. 1

Joint Director(Sp)

# Sponsored Research and Extension ANN Projects Recommended by SAC/Technical Committee for funding

(Ist Year Grant)

ANNEXURE Rs. In lakhs
ling University of Kashmir

		2 Dr. Ass 97		t Pr	p.s	2 5
	Asstt. Porf.  Arkhursheda@gmail.com 91-7006875969	34	Dean School of Engineering, muzaffar2000@gmail.com./ 9419009372	of S Marriffor All Androhi	2	with Contact Details E-mail /cell
	Modelling and Simulation of Deptt.of Nano- Silicene Nanoscale Electronic Devices and Their University of Kashmir, futuristic Applications  Srinagar	Elucidation of the Epigentic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	Synthesis and Institute Characterization of Technology Campus, and Treatment / Purification Kashmir of Water using Modified and Unmodified Bimetallie Nanoparticles		ω	Proposal
Total:	Deptt.of Nano- Technology University of Kashmir, Srinagar	Deptt. Of Biotechnology, University of Kashmir	Institute of Technology, Zakura Campus, University of Kashmir		4	Organization
18.72	4.28	9.25	5,19	ch.	1st Year	Tech
5.25	1.80	0.75	2.70	6	2nd Year	ds Recommended by Technical Committee
23.97	6.08	10.00	7.89	7	Total	Recommended by the chnical Committee
17.43	3.99	8.75	4.69		ÇO	already Released
	0.29	0.50	0.50	k.,	10	Funds Released now
29 18.72	9 4.28	9.25	5.19		5	Total funds released (Ist year) (8+9)

4

# Sponsored Research and Extension

ANNEXURE

Rs. In lakhs Kashmir University

Projects Recommended by SAC/Technical Committee for funding (lst Year Grant)

	petalls E-mail /cell No.	Title of the P	roject Proposa	Title of the Project Proposal Institution / Organization			roject Proposal Institution / Organization Funds Recommended by the Technical Committee		Funds Recommended by the Technical Committee
	2		-	•	1st Year	.036	1st Year	1st Year 2nd Year	1st Year 2nd Year Total
		4		4	5	5 6	5 6	5 6 7	5 6 7
Prof. ( Blead Beoje Jin	Prof. Gh. Jeelani, Head of Department, Stope Stability Assessment Road Cuts Along Jammu Seojeelani@kashmiruniversity.ac Srinagar National Highway Jin	Slope Stability Assessment of Road Cuts Along Jammu Srinagar National Highway	Earth Sciences, School of Eat and Environmental Sciences, University of Kashmir Hazratbal Srinagar	Earth Sciences, School of Eath and Environmental Sciences, University of Kashmir Hazratbal Srinagar		5.99	5.99	5.99 2.50	5.99 2.50 8.49
	Dr. Shabir Ahmad Parah, Sr. Asstt. Prof., shabireltr@gmail.com./ 91956529991	Development of Lightweight security algorithms for IOMT based smart health applications	Deptt. Of Electronics & IT, University of Kashmir, Hazrathal Srinagar (J&K)	ronics & IT, ashmir, sgar (18.K)	,4	ronics & IT, 4.09 1.70 ashmir, gar (18.K)	4.09	1, 4.09 1.70	1, 4.09 1.70 5.79
	Dr. Javaid iqbal, Senior Asstt. Prof., Iamjavaid@gmail.com 91-7006436048	Algorithm Design and Mathematical Mudelling of Software Testing Effort Consumption	P.G Deptt. Of Computer Sciences, University of K Hazratbal Srinagar	P.G Deptt. Of Computer Sciences, Universityof Kashmir, Hazratbal Srinagar	Computer 2.50 ersityof Kashmir, agar		2.50	2.50 0.50	2.50 0.50 3.00
26	Dr. Fayaz Ahmad, Prof. & Head, Deptt. of Environmental Science rajafayazali@gmail.com, 2006725416	Evaluation of Physiological, Immunological and Science, University of Kaperasitological factors of native Hazratbal Srinagar (J&K) and exotic fishes as an environmental risk assesment (FRA) tools of some water bodies of Kashmir Valley	Deptt. Of environmental Science, University of Ka Hazratbal Srinagar (J&K)	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (J&K)	ronmental 5.99 ersity of Kashmir, agar (J&K)	shmir,	shmir,	shmir, 5.99 3.00	shmir, 5.99 3.00 8.99
Un .	Dr. Manzoor Ahmad Mir, Sr. Assistant Prof. / Head Deptt.of Bioresources, drmanzoor@kashmiruniversity.a c.in / 9622901319	Targeting drug resistant cancer stem cells by combinational delivery of Paclitaxel and Quercetin /Zerumbone in	r Deptt. Of Bioresources, University of Kashmir, Hazratbal Srinegar (J&K)	resources, Kashmir, nagar (J&K)	resources, 6.40 Kashmir,		6,40	6,40 3,60	6.40 3.60 10.00

47.74	3,83	43,91	72.58	24.84	47.74		Total:		-
2.94	0.00	2.94	3.39	0.45	2.94	Deptt. Of Electronics and Communication Engineering Institutre of Technology Zakura Campus University of Kashmir	ď,	11 Dr. Bilal Ahmad Malik, Early Detection and Scientific Officer, Efficient Prevention bilalmalik@kashmiruniversity Breast Cancer Using .ac.in / 9149511050 Machine Learning Techniques.	ia b S E
4.20	0.33	3.87	8.40	4.20	4.20	Department of Clinical Biochemistry, University of Kashmir, Hazratbal Srinagar (J&K)	Oxidative stress and diabetes, a correlated study by using active extract of kinula obtusifolia	Dr. Showkat Ahmad Ganai, Assistant Prof., showkatganie@kashmirunive rsity.ac.in 91-9419972678	10
3.29	0.00	3,29	4.09	0.80	3.29	Deptt.of P.G Computer Sciences, University of Kashmir Hazratbal Srinagar	Computer Numerical Control Machine for Making Small Woodcarving Articles	Dr. Sajid Yousuf Bhat, Asstt. Prof., bhatsajid@uok.edu.in / 9070142309	(D)
i i	00.0	2.38	4.40	2.10	2.38	P.G Deptt. Of Computer Sciences, University of Kashmir, Srinagar (J&K)	Smart Apple Disease Detection (SADD): A Deep Learning based smart android app for identification of Apple diseases	Prof A. Arlf Wani, Professor, awani@uok.edu.in / 7006276302	00
6.26	0.86	5.40	9.55	3.29	6.26	Deptt. Of Pharmaceutical Sciences, University of Kashmir Hazratbal Srinagar	Evaluation of Hepatoprotective Potential of Some Promising Locally Available Natural Herbs	prof. Dr. Nahida Tabassum, professor and Head, n.tabassum.uk@gmail.com	
	0.00	3.70	6.40	2.70	3.70	Deptt. Of Zoology, University of Kashmir, Srinagar	Hydatidosis in Kashmir valley: An urgent need for its control & management	Asstt. A., Asstt. A., Asstt. A., Mandayattak@yahoo.com /	4

### Government of Jammu and Kashmir J& K Science Technology & Innovation Council Department of Science Technology

5-B/C Gandhi Nagar, Jammu/5DA Colony, Bemina, Srinagar

Email: @stic89@gmall.com

Website: wwwjkstic89.co.in

Registrar, University of Kashmir, Srinagar.

No: JKST&IC/J/ 75/2020/ 458 -60

Dated. 22 -02-2023

Sub. JKST&IC funded projects-Release of final amount of funds approved for 2<sup>nd</sup> & final year.

Sir,

Kindly refer to the subject cited above. In this connection, I am directed to submit that an amount of 30.09 lakhs has been released into the official account of University of Kashmir Account No.0007040500000057 vide Tr. Voucher No.12/5425 dated. 24.01.2023 for further placement of the same in favour of the Principal Investigator's of the approved JKST&IC funded projects (list with the details of PI's and amount due is attached).

Pertinent to mention that the amount released is the final and last Installment due for completion of the research work during the 2<sup>nd</sup> & final year of research ending October/November, 2023. Terms and conditions governing the release remain same as per the original sanction letter and orders issued in favour of the respective Principal Investigators from time to time. This is for information and necessary action at your end.

Yours faithfully,

Joint Director

#### Copy to the:

- Additional Director, JKST&IC, Srinagar for Inf.
- All concerned Principal Investigator's for Inf.

1

# ANNEXURE

Rs. In takhs Kashmir University

# Sponsored Research and Extension projects Recommended by SAC/Technical Committee for funding

-			-	1000				
S.No	S.NO			14	N	G.	N 7 8 8	2 0 0 0 0
Name	Name of Principal Investigator with Contact Details E-mail /cell No.		N	Prof. Gh. Joelani, Head of Department, Road Cuts Along Jammu geojeelani@kashmirumiversity.ac Srinagar National Highway Jin	Dr. Shabir Ahmad Parah, Sr. Asstt. Prof. shabireltr@gmail.com / 91956529991	Dr. Javaid Igbal, Senior Asstt. Prof., Iamjavaid@gmail.com 91-7006436048	Dr. Fayaz Afimad, Prof. & Head, Deptt. of Environmental Science rajafayazall@gmail.com, 7006725416	Dr. Manzoor Ahmad Mir. Sr. Assistant Prof. / Head Deptt.of Bioresources, drmanzoor@keshmiruniversity.a c.in / 9622901319
	Title of the Project Proposa		u	Slope Stability Assessment of Road Cuts Along Jammu ac Srinagar National Highway	Development of Lightweight security algorithms for IOMT based smart health applications	Algorithm Design and Mathematical Mudelling of Software Testing Effort Consumption	Evaluation of Physiological.  Immunological and Science, University of Kaparastological factors of native Hazratbal Srinagar (I&X) and exotic fishes as an environmental risk assesment (ERA) tools of some water bodies of Kashmir Valley	Targeting drug resistant cancer stem.cels by combinational delivery of Paclitaxel and Quercetin/Zerumbone in breast cancer
is a real digital	Title of the Project Proposal Institution / Organization		4	Earth Sciences, School of Eath and Environmental Sciences, University of Kashmir Hazratbal Srinagar	Deptt. Of Electronics & rt, University of Kashmir, Hazratbal Srinagar (18K)	P.G Deptt. Of Computer Sciences, University of Kashmir, Hazratbal Srinagar	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (I&K)	Deptt. Of Bigresources. University of Kashmir, Hazzatbai Srinagar (J&K)
141	Funds Re Techr	1st Year	5	5.99	4,09	2.50	5.99	5.40
appronue	Technical Committee	2nd Year	6	2.50	1.70	0.50	3.00	3.60
by the	ttee	Total	7	8.49	5.79	3,00	8.99	10.00
Funds	aiready Released (Ist year)	00		5.93	4.09	2.50	5,99	
- Contract	Released (2nd year)	9	0.50	-	1.70	0.50	9, 3.00	6.40
	released (8+9)	10	8.49		5.79	3.00	90,8.99	3.60 10.00

11	10	10	0	7	0
Dr. Bilal Ahmad Malik, Scientific Officer, bilalmalik@kashmiruniversity .ac.in / 9149511050	Dr. Showkat Ahmad Ganai, Assistant Prof., showkatganie@kashmirunive rsity.ac.in 91-9419972678	Dr. Sajid Yousuf Bhat, Asstt. Prof., bhatsajid@uck.edu.in / 9070142309	Prof. A. Arif Wani, Professor, awani@uok.edu.in / 7006276302		Dr. Hidayatullah Tak, Sr. Asstt. Prof., drhidayattak@yahoo.com / 9419456456
Early Detection and Efficient Prevention of Breast Cancer Using Machine Learning Techniques	Oxidative stress and diabetes, a correlated study by using active extract of inula obtusifolia	Computer Numerical Control Machine for Making Small Woodcarving Articles	Smart Apple Disease Detection (SADD): A Deep Learning based smart android app for identification of Apple diseases	Evaluation of Hepatoprotective Potential of Some Promising Locally Available Natural Herbs	Hydatidosis in Kashmir valley: An urgent need for its control & management
Deptt. Of Electronics and Communication Engineering Institutre of Technology Zakura Campus University of Kashmir	Department of Clinical Biochemistry, University of Kashmir, Hazratbal Srinagar (J&K)	Sciences, University of Kashmir Hazratbal Srinagar	P.G Deptt. Of Computer Sciences, University of Kashmir, Srinagar (J&K)	Deptt, Of Pharmaceutical Sciences, University of Kashmir Hozzatbal Srinagar	Deptt. Of Zoology, University of Kashmir, Srinagar
2,94	4.20	3.29	N	6.26	3.70
0.45	4.20	0.80	2.10	3.29	2.70
ين دن ف	8.40	4.09	4.48	9.55	6,40
2.94	4.20	3,29	2.38	6.26	9.70
0,45	4.20	0.80	2.10	3.29	A, EA
3,39	8.40	4.09	4.48	9.55	0,000

	14	13	
	Dr. Khurshed Ahmad Shah, Asstt. Porf. drkhursheda@gmail.com 91-7006875969	Dr. Mohd Altaf Bhat, Asstt, Prof. altafbhat@uok.edu.in 9797862135 / 9797862135	Dean School of Engineering muzaffar2000@gmail.com/
	Modelling and Simulation of Deptt.of Nano-Technology Silicene Nanoscale Electronic Devices and Their Srinagar futuristic Applications	Elucidation of the Epigentic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	Synthesis and Cakura Can Characterization of Characterization of Cakura Can Bimetallic Nanoparticles and of Kashmir Treatment /Purification of Water using Modified and Unmodified Bimetallie Nanoparticles
Total; :	Deptt.of Nano-Technology University of Kashmir, Srinagar	Deptt. Of Biotechnology, University of Kashmir	Institute of Technology, Zakura Campus, University of Kashmir
66,46	4.28	9.25	5,19
30,09	1.80	0.75	2.70
96.55	6.08	100.00	7.89
66,46	4.28	9.25	5
30.09	1.80	0.75	2.70
96,55	6.08	10.00	7.89