

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

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

Dr. Javaid Iqbal,
Sr. Asstt. Professor
P.G Deptt. Of Computer Sciences,
University of Kashmir, Hazratbal Srinagar

No:JKST&IC/SRE/ 878-80

Dated: 27-10-2021.

Sub: Funding of Research Projects – Approval thereof.

Sir,

We are pleased to inform you that your project titled **"Algorithm Design and Mathematical Modelling of Software Testing Effort Consumption"** has been approved by the expert committee for funding. A total amount of **Rs.3.00 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.1.02 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

1. 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;
4. PI of the projects must be working as permanent Scientists/ Academicians;
5. International travel if any, is not permitted under the programme;
6. 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;
9. 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&IC;
11. Funds for approved proposals shall be released only as per rules of the JKST&IC;
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)
		First Year	Second Year	Total
1	Consumables	0.25	0.25	0.50
2	Minor equipment (less than 2.5 Lakhs)	2.00	0.00	2.00
3	Travel for attending/ participating in Conferences/Workshops/Project related Work	0.25	0.25	0.50
4	Manpower	0.00	0.00	0.00
5	Others/Contingency	0.00	0.00	0.00
	Total :	2.50	0.50	3.00

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

With regards,



Additional Director.

Copy to:

1. Vice Chancellor, University of Kashmir, Hazratbal Srinagar
2. Registrar, University of Kashmir, Hazratbal Srinagar

75
GOVERNMENT OF JAMMU & KASHMIR
JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL
Department of Science & Technology
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 2nd year, the assessment of Technical Committee regarding the progress achieved during the 1st 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/ November 2022 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 2nd year, in time.

The matter may be treated on priority

Yours faithfully


Joint Director (SR)

Copy to:

1. Additional Director, JKST&IC, Srinagar for information.
2. PA to Vice Chancellor, University of Kashmir, Srinagar for information of Vice Chancellor.
3. Principal Investigator/Co.PI's of the approved project.

GOVERNMENT OF JAMMU & KASHMIR
JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL
Department of Science & Technology
SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu

1: Release of final installment (1st year) amounting to **Rs.3.83 lakhs** in favour of **Registrar, University of Kashmir, Kashmir** for implementation of **11** 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 eighty three 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 payable 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

JKST&IC/J/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

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

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

Sub : Release of final installment (1st year) amounting to **Rs.1.29 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. 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

No: JKST&IC/ J/75/2020/694-100

Dated: 29.06.2022

Copy to:

1. Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
2. Vice Chancellor, University of Kashmir for information.
3. Registrar, University of Kashmir, for information.
4. 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.


Joint Director(CO)

Sponsored Research and Extension
Projects Recommended by SAC/Technical Committee for funding
(1st Year Grant)

ANNEXURE
 Rs. In Lakhs
 University of Kashmir

S.No	Name of Principal Investigator with Contact Details E-mail /cell No.	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released	Funds Released now	Total funds released (1st year) (8+9)
				1st Year	2nd Year	Total			
				5	6	7	8	9	10
1	Prof. S Muzaftar Ali Andrabi, Dean School of Engineering, muzaffar2000@gmail.com / 9419009372	Synthesis and Characterization of Bimetallic Nanoparticles and Treatment /Purification of Water using Modified and Unmodified Bimetallic Nanoparticles	Institute of Technology, Zakura Campus, University of Kashmir	5.19	2.70	7.89	4.69	0.50	5.19
2	Dr. Mohd Altaf Bhat, Asstt. Prof. altafbhat@uok.edu.in 9797862135 / 9797862135	Elucidation of the Epigenetic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	Deptt. Of Biotechnology, University of Kashmir	9.25	0.75	10.00	8.75	0.50	9.25
3	Dr. Khurshed Ahmad Shah, Asstt. Prof. drkhursheda@gmail.com 91-7006875969	Modelling and Simulation of Silicene Nanoscale Electronic Devices and Their futuristic Applications	Deptt. of Nano-Technology University of Kashmir, Srinagar	4.28	1.80	6.08	3.99	0.29	4.28
Total:				18.72	5.25	23.97	17.43	1.29	18.72

**Sponsored Research and Extension
Projects Recommended by SAC/Technical Committee for funding
(1st Year Grant)**

ANNEXURE

Rs. In lakhs
Kashmir University

Sl. No.	Name of Principal Investigator with Contact Details E-mail / cell No.	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released	Funds Released now	Total funds released (1st year) (8+9)
				1st Year	2nd Year	Total			
1	Prof. Gh. Jeelani, Head of Department, geojeelani@kashmiruniversity.ac.in	Slope Stability Assessment of Road Cuts Along Jammu Srinagar National Highway	Earth Sciences, School of Earth and Environmental Sciences, University of Kashmir Hazratbal Srinagar	5.99	2.50	8.49	5.27	0.72	5.99
2	Dr. Shabir Ahmad Parah, Sr. Asstt. Prof., shabiretr@gmail.com / 91956529991	Development of Lightweight security algorithms for IOMT based smart health applications	Deptt. Of Electronics & IT, University of Kashmir, Hazratbal Srinagar (J&K)	4.09	1.70	5.79	3.82	0.27	4.09
3	Dr. Javaid Iqbal, Senior Asstt. Prof., iamjavid@gmail.com 91-7006436048	Algorithm Design and Mathematical Modelling of Software Testing Effort Consumption	P.G Deptt. Of Computer Sciences, University of Kashmir, Hazratbal Srinagar	2.50	0.50	3.00	2.50	0.00	2.50
4	Dr. Fayaz Ahmad, Prof. & Head, Deptt. of Environmental Science rajafayazali@gmail.com, 7006725416	Evaluation of Physiological, immunological and parasitological factors of native and exotic fishes as an environmental risk assessment (ERA) tools of some water bodies of Kashmir Valley	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (J&K)	5.99	3.00	8.99	5.27	0.72	5.99
5	Dr. Manzoor Ahmad Mir, Sr. Assistant Prof. / Head Deptt. of Bioreources, drmanzoor@kashmiruniversity.ac.in / 9622901319	Targeting drug resistant cancer stem cells by combinational delivery of Paclitaxel and Quercetin / Zerumbone in breast cancer	Deptt. Of Bioreources, University of Kashmir, Hazratbal Srinagar (J&K)	6.40	3.60	10.00	5.47	0.93	6.40

Dr. Hidayatullah Tak,

Sr. Asstt. P.O.,

dhidayatatak@yahoo.com /
9419456456

7	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 Zoology, University of Kashmir, Srinagar	3.70	2.70	6.40	3.70	0.00	3.70
8	Prof. A. Arif Wani, Professor, awani@uok.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)	6.26	3.29	9.55	5.40	0.86	6.26
9	Dr. Sajid Yousuf Bhat, Asstt. Prof., bhatsajid@uok.edu.in / 9070142309	Computer Numerical Control Machine for Making Small Woodcarving Articles	Deptt. of P.G Computer Sciences, University of Kashmir Hazratbal Srinagar	2.38	2.10	4.48	2.38	0.00	2.38
10	Dr. Showkat Ahmad Ganai, Assistant Prof., showkatganai@kashmirunive rsity.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, Hazratbal Srinagar (J&K)	3.29	0.80	4.09	3.29	0.00	3.29
11	Dr. Bilal Ahmad Maik, Scientific Officer, bilalmaik@kashmiruniversity .ac.in / 9149511050	Early Detection and Efficient Prevention of Breast Cancer Using Machine Learning Techniques.	Deptt. Of Electronics and Communication Engineering Institute of Technology Zakura Campus University of Kashmir	4.20	4.20	8.40	3.87	0.33	4.20
Total :				47.74	24.84	72.58	43.91	3.83	47.74

GOVERNMENT OF JAMMU & KASHMIR
JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL
Department of Science & Technology
SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu

E-mail jkstic89@gmail.com

JKST&IC ORDER NO: 81 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.

Ref: 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.

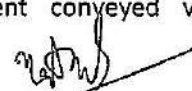
The placement of the funds is subject to the following conditions:

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;
2. 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 debitible to:

35	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

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


Additional Director

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

Dated: 29. 09.2021

Copy to:-

1. Principal Secretary to Govt; Science & Technology Deptt. Civil Sectt Jammu/Srinagar
2. Vice Chancellor, University of Kashmir for information
3. Registrar, University of Kashmir for information
4. Joint Director JKST&IC for information
5. Accounts Officer, JKST&IC
6. Office order file

GOVERNMENT OF JAMMU & KASHMIR
JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL
Department of Science & Technology
SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu

JKST&IC ORDER NO: **20** of 2022.


Dated: **9**, 02-2022.

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 1st 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
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


Additional Director

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

Dated: **9**.02.2022

Copy to:

1. Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
2. Vice Chancellor, University of Kashmir for information.
3. Registrar, University of Kashmir, for information.
4. 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. Joint Director(SR), JKST&IC for information.
6. Accounts Officer, JKST&IC
7. Office order file.

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

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

JKST&IC ORDER NO: 18 of 2022.


Dated: 09 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 **03** 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)
0011	General
0868	Scientific Service and Research
115	Detailed Head (Works)
Scheme	Sponsored Research & Extension


Additional Director

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

Dated: 9.02.2022

Copy to:

1. Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
2. Vice Chancellor, University of Kashmir for information.
3. Registrar, University of Kashmir, for information.
4. 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. Joint Director(SR), JKST&IC for information.
6. Accounts Officer, JKST&IC
7. Office order file.

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

ANNEXURE

Rs. In lakhs
University of Kashmir

S.No	Name of Principal Investigator with Contact Details E-mail /cell No.	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released (50% Capex)	Funds Release till now (25% Capex)
				1st Year	2nd Year	Total		
1	Prof. S Muzaffar Ali Andrabi, Dean School of Engineering, muzaffar2000@gmail.com / 9419009372	Synthesis and Characterization of Bimetallic Nanoparticles and Treatment /Purification of Water using Modified and Unmodified Bimetallic Nanoparticles	Institute of Technology, Zakura Campus, University of Kashmir	5	6	7	8	9
1	2	3	4	5.19	2.70	7.89	2.15	1.00
2	Dr. Mohd Altaf Bhat, Asstt. Prof. alatafbhat@uok.edu.in 9797862135 / 9797862135	Elucidation of the Epigenetic Landscape of Type 2 Diabetes & Trelated complications in Kashmir Population	Deptt. Of Biotechnology, University of Kashmir	9.25	0.75	10.00	3.75	1.90
3	Dr. Khurshed Ahmad Shah, Asstt. Prof. drkhurshed@gmail.com 91-7006875969	Modelling and Simulation of Silicene Nanoscale Electronic Devices and Their futuristic Applications	Deptt.of Nano-Technology University of Kashmir, Srinagar	4.28	1.80	6.08	1.69	1.00
Total:				18.72	5.25	23.97	7.59	3.90

Handwritten signature/initials

Sponsored Research and Extension

Projects Recommended by SAC/Technical Committee for funding

ANNEXURE

Rs. In lakhs

Kashmir University

S.No	Name of Principal Investigator with Contact Details E-mail / cell No.	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released (50% Capex)	Funds Released till now (25% Capex)
				1st Year	2nd Year	Total		
1	Prof. Gh. Jeelani, Head of Department, geojeelani@kashmiruniversity.ac.in	Slope Stability Assessment of Road Cuts Along Jammu Srinagar National Highway	Earth Sciences, School of Earth and Environmental Sciences, University of Kashmir Hazratbal Srinagar	5.99	2.50	8.49	2.77	1.50
2	Dr. Shabir Ahmad Parah, Sr. Asstt. Prof., shabiretr@gmail.com / 91956529991	Development of Lightweight security algorithms for IOMT based smart health applications	Deptt. Of Electronics & IT, University of Kashmir, Hazratbal Srinagar (J&K)	4.09	1.70	5.79	1.82	1.00
3	Dr. Javid Iqbal, Senior Asstt. Prof., iamjavid@gmail.com / 91-7006436048	Algorithm Design and Mathematical Modelling of Software Testing Effort Consumption	P.G Deptt. Of Computer Sciences, University of Kashmir, Hazratbal Srinagar	2.50	0.50	3.00	1.02	1.00
4	Dr. Fayaz Ahmad, Prof. & Head, Deptt. of Environmental Science rajafayazali@gmail.com, 7006725416	Evaluation of Physiological, immunological and parasitological factors of native and exotic fishes as an environmental risk assessment (ERA) tools of some water bodies of Kashmir Valley	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (J&K)	5.99	3.00	8.99	2.77	1.50
5	Dr. Manzoor Ahmad Mir, Sr. Assistant Prof., / Head Deptt. of Bioresources, drmanzoor@kashmiruniversity.ac.in / 9622901319	Targeting drug resistant cancer stem cells by combinational delivery of Paclitaxel and Quercetin / Zerumbone in breast cancer	Deptt. Of Bioresources, University of Kashmir, Hazratbal Srinagar (J&K)	6.40	3.60	10.00	2.97	1.50

6	Dr. Hidayatullah Tak, Sr. Asstt. Prof., drhidayatatak@yahoo.com / 9419456456	Hydatidosis in Kashmir valley: An urgent need for its control & management	Deptt. Of Zoology, University of Kashmir, Srinagar	3.70	2.70	6.40	1.62	1.00
7	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 Hazratbal Srinagar	6.26	3.29	9.55	2.90	1.50
8	Prof. A. Arif Wani, Professor, awani@uok.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
9	Dr. Sajid Yousuf Bhat, Asstt. Prof., bhatsajid@uok.edu.in / 9070142309	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	1.00
10	Dr. Showkat Ahmad Ganai, Assistant Prof., showkatganie@kashmiruniverst y.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, Hazratbal Srinagar (J&K)	4.20	4.20	8.40	1.87	1.00
11	Dr. Bilal Ahmad Malik, Scientific Officer, bilalmalik@kashmiruniversity.ac. in / 9149511050	Early Detection and Efficient Prevention of Breast Cancer Using Machine Learning Techniques.	Deptt. Of Electronics and Communication Engineering Institute of Technology Zakura Campus University of Kashmir	2.94	0.45	3.39	1.24	1.00
Total :				47.74	24.84	72.58	21.36	13.00

GOVERNMENT OF JAMMU & KASHMIR
JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL
Department of Science & Technology
SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu

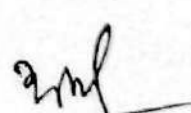
JKST&IC ORDER NO: 53 of 2022.
Dated: 15.03.2022.

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. 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.

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
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


Additional Director

Dated: 15.03.2022

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

Copy to:

1. Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
2. Vice Chancellor, University of Kashmir for information.
3. Registrar, University of Kashmir, for information.
4. 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

GOVERNMENT OF JAMMU & KASHMIR
JK SCIENCE TECHNOLOGY & INNOVATION COUNCIL
Department of Science & Technology
SDA Colony, Bemina, Srinagar/5-B/C Gandhi Nagar Jammu


JKST&IC ORDER NO: 55 of 2022.
Dated: 15 03.2022.

Sub : Release of funds (1st 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.
JKST&IC order No. 81 of 2021 dated. 29.09.2021,
JKST&IC 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
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


Additional Director

No: JKST&IC/J/75/2020/ 255-60

Dated: 15.03.2022

Copy to:

1. Principal Secretary to Govt. Science & Technology Department, Civil Secretariat, Jammu/Srinagar.
2. Vice Chancellor, University of Kashmir for information.
3. Registrar, University of Kashmir, for information.
4. 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.

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

ANNEXURE

Rs. In lakhs
University of Kashmir

Sl. No.	Name of Principal Investigator with Contact Details E-mail / cell	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released (75% Capex)	Funds Released now (25% Capex)	Total funds released (8+9)
				1st Year	2nd Year	Total			
1	Prof. S. Muzaffar Ali Andrabi, Jazan School of Engineering, muzaffar2000@gmail.com / 9419009372	Synthesis and Characterization of Bimetallic Nanoparticles and Treatment /Purification of Water using Modified and Unmodified Bimetallic Nanoparticles	Institute of Technology, Zakura Campus, University of Kashmir	5.19	2.70	7.89	3.15	1.54	4.69
2	Dr. Mohd Altaf Bhat, Asstt. Prof. atafbhat@uok.edu.in 9797862135 / 9797862135	Elucidation of the Epigenetic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	Deptt. Of Biotechnology, University of Kashmir	9.25	0.75	10.00	5.65	3.10	8.75
3	Dr. Khurshed Ahmad Shah, Asstt. Prof. dkhshahada@gmail.com 91-7006875969	Modelling and Simulation of Silicene Nanoscale Electronic Devices and Their futuristic Applications	Deptt. of Nano- Technology University of Kashmir, Srinagar	4.28	1.80	6.08	2.69	1.30	3.99
Total:				18.72	5.25	23.97	11.49	5.94	17.43

[Signature]

Sponsored Research and Extension

ANNEXURE

Projects Recommended by SAC/Technical Committee for funding

Rs. In lakhs

Kashmir University

S.No	Name of Principal Investigator with Contact Details E-mail / cell No.	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released (75% Capex)	Funds Released now (25% Capex)	Total funds released (8+9)
				1st Year	2nd Year	Total			
1	Prof. Gh. Jeelani, Head of Department geojeelani@kashmiruniver sity.ac.in	Slope Stability Assessment of Road Cuts Along Jammu Srinagar National Highway	Earth Sciences, School of Eath and Environmental Sciences, University of Kashmir Hazratbal Srinagar	5.99	2.50	8.49	4.27	1.00	5.27
2	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, Hazratbal Srinagar (J&K)	4.09	1.70	5.79	2.82	1.00	3.82
3	Dr. Javaid Iqbal, Senior Asstt. Prof., iamjavaid@gmail.com / 91- 7006436048	Algorithm Design and Mathematical Modelling of Software Testing Effort Consumption	P.G Deptt. Of Computer Sciences, University of Kashmir, Hazratbal Srinagar	2.50	0.50	3.00	2.02	0.48	2.50
4	Dr. Fayaz Ahmad, Prof. & Head, Deptt. of Environmental Science rajafayazali@gmail.com, 7006725416	Evaluation of Physiological, immunological and parasitological factors of native and exotic fishes as an environmental risk assessment (ERA) tools of	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (J&K)	5.99	3.00	8.99	4.27	1.00	5.27
5	Dr. Manzoor Ahmad Mir, Sr. Assistant Prof., / Head Deptt. of Bioresources, dmanzoor@kashmiruniver sity.ac.in / 9622901319	Targeting drug resistant cancer stem cells by combinational delivery of Paclitaxel and Quercetin / Zerumbone in breast	Deptt. Of Bioresources, University of Kashmir, Hazratbal Srinagar (J&K)	6.40	3.60	10.00	4.47	1.00	5.47

												Total Fund 5.70
6	Dr. Hidayatullah Tak Sr. Asstt. Prof., drhidayatatak@yahoo.com / 9419456456	Hydatidosis in Kashmir valley: An urgent need for its control & management	Deptt. Of Zoology, University of Kashmir, Srinagar	3.70	2.70	6.40	2.62	1.08	3.70			
7	Prof. Dr. Nahida Tabassum, Professor and Head, n.tabassum.uk@gmail.co	Evaluation of Hepatoprotective Potential of Some Promising Locally	Deptt. Of Pharmaceutical Sciences, University of Kashmir Hazratbal Srinagar	6.26	3.29	9.55	4.40	1.00	5.40			
8	Prof A. Arif Wani, Professor, awani@uok.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	1.96	0.42	2.38			
9	Dr. Sajid Yousuf Bhat, Asstt. Prof., bhatstajid@uok.edu.in / 9070142309	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	2.42	0.87	3.29			
10	Dr. Showkat Ahmad Ganai, Assistant Prof., showkatganai@kashmirun iversity.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, Hazratbal Srinagar (J&K)	4.20	4.20	8.40	2.87	1.00	3.87			
11	Dr. Bilal Ahmad Malik, Scientific Officer, bilalmalik@kashmiruniv ersity.ac.in / 9149511050	Early Detection and Efficient Prevention of Breast Cancer Using Machine Learning Techniques.	Deptt. Of Electronics and Communication Engineering Institute of Technology Zakura Campus University of Kashmir	2.94	0.45	3.39	2.24	0.70	2.94			
		Total :		47.74	24.84	72.58	34.36	9.55	43.91			

Signature

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

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

Email: jkstic89@gmail.com

Website: www.jkstic89.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 2nd & 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 2nd & 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:

1. Additional Director, JKST&IC, Srinagar for inf.
2. All concerned Principal Investigator's for inf.

**Sponsored Research and Extension
Projects Recommended by SAC/Technical Committee for funding
(2nd & Final Year Grant)**

ANNEXURE

Rs. In lakhs
Kashmir University

S.No	Name of Principal Investigator with Contact Details E-mail / cell No.	Title of the Project Proposal	Institution / Organization	Funds Recommended by the Technical Committee			Funds already Released (1st year)	Funds Released (2nd year)	Total funds released (8+9)
				1st Year	2nd Year	Total			
1	2	3	4	5	6	7	8	9	10
1	Prof. Gh. Jeelani, Head of Department, geojeelani@kashmiruniversity.ac.in	Slope Stability Assessment of Road Cuts Along Jammu Srinagar National Highway	Earth Sciences, School of Earth and Environmental Sciences, University of Kashmir Hazratbal Srinagar	5.99	2.50	8.49	5.99	2.50	8.49
2	Dr. Shabir Ahmad Parah, Sr. Asstt. Prof., shabir@kashmiruniversity.ac.in	Development of Lightweight security algorithms for IOMT based smart health applications	Deptt. Of Electronics & IT, University of Kashmir, Hazratbal Srinagar (J&K)	4.09	1.70	5.79	4.09	1.70	5.79
3	Dr. Javid Iqbal, Senior Asstt. Prof., iamjavid@gmail.com 91-7006436048	Algorithm Design and Mathematical Modelling of Software Testing Effort Consumption	P.G Deptt. Of Computer Sciences, University of Kashmir, Hazratbal Srinagar	2.50	0.50	3.00	2.50	0.50	3.00
4	Dr. Fayaz Ahmad, Prof. & Head, Deptt. of Environmental Science rajafayazali@gmail.com, 7006725416	Evaluation of Physiological, immunological and parasitological factors of native and exotic fishes as an environmental risk assessment (ERA) tools of some water bodies of Kashmir Valley	Deptt. Of environmental Science, University of Kashmir, Hazratbal Srinagar (J&K)	5.99	3.00	8.99	5.99	3.00	8.99
5	Dr. Manzoor Ahmad Mir, Sr. Assistant Prof. / Head Deptt. of Bioreources, drmanzoor@kashmiruniversity.ac.in / 9622901319	Targeting drug resistant cancer stem cells by combinational delivery of Paclitaxel and Quercetin / Zerumbone in breast cancer	Deptt. Of Bioreources, University of Kashmir, Hazratbal Srinagar (J&K)	6.40	3.60	10.00	6.40	3.60	10.00

6	Dr. Hidayatullah Tak, Sr. Asstt. Prof., dhrhidayatatak@yahoo.com / 9419456456	Hydatidosis in Kashmir valley: An urgent need for its control & management	Deptt. Of Zoology, University of Kashmir, Srinagar	3.70	2.70	6.40	3.70	2.70	6.40
7	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 Hazratbal Srinagar	6.26	3.29	9.55	6.26	3.29	9.55
8	Prof A. Arif Wani, Professor, awani@uok.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	2.38	2.10	4.48
9	Dr. Sajid Yousuf Bhat, Asstt. Prof., bhtsajid@uok.edu.in / 9070142309	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	3.29	0.80	4.09
10	Dr. Showkat Ahmad Ganai, Assistant Prof., showkatganai@kashmirunive rsity.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, Hazratbal Srinagar (J&K)	4.20	4.20	8.40	4.20	4.20	8.40
11	Dr. Bilal Ahmad Malik, Scientific Officer, bilalmalik@kashmiruniversity .ac.in / 9149511050	Early Detection and Efficient Prevention of Breast Cancer Using Machine Learning Techniques.	Deptt. Of Electronics and Communication Engineering Institute of Technology Zakura Campus University of Kashmir	2.94	0.45	3.39	2.94	0.45	3.39

12	Prof. S Muzaffar Ali Andrabi, Dean School of Engineering, muzaffar2000@gmail.com / 9419009372	Synthesis and Characterization of Bimetallic Nanoparticles and Treatment /Purification of Water using Modified and Unmodified Bimetallic Nanoparticles	Institute of Technology, Zakura Campus, University of Kashmir	5.19	2.70	7.89	5.19	2.70	7.89
13	Dr. Mohd Altaf Bhat, Asstt. Prof. altafbhat@uok.edu.in 9797862135 / 9797862135	Elucidation of the Epigenetic Landscape of Type 2 Diabetes & Telated complications in Kashmir Population	Deptt. Of Biotechnology, University of Kashmir	9.25	0.75	10.00	9.25	0.75	10.00
14	Dr. Khurshed Ahmad Shah, Asstt. Prof. drkhursheda@gmail.com 91-7006875969	Modelling and Simulation of Silicene Nanoscale Electronic Devices and Their futuristic Applicatons	Deptt. of Nano-Technology University of Kashmir, Srinagar	4.28	1.80	6.08	4.28	1.80	6.08
			Total: :	66.46	30.09	96.55	66.46	30.09	96.55



University of Kashmir, Srinagar

OFFICE OF THE DEAN RESEARCH

ORDER

Sub:- Authorization for budget allocation of grants.

Ref:- Application no.-CSC-3463, dated:-11.03.2022.

Dr. Javaid Iqbal , P.I, Department of Computer Sciences is authorized to utilize grants to the tune of Rs. 2,02,000/- as per the following break-up for the project entitled, "Algorithm Design and Mathematical Modelling....." subject to adherence of all project guidelines/codal procedure, and shall have to seek authorization on case to case basis.

S.No	Budget Head	Amount
01.	Consumables	2,000/-
02.	Minor Equipment	2,00,000/-
	Total	2,02,000/-

By Order

Assistant Registrar
(RESEARCH PROJECT)

No: F(utilization of grants)Res/KU/22
Dated: 29.03.2022

15663

Copy to:

- Head, Department of Computer Sciences;
- Concerned P.I; Department of Computer Sciences;
- Concerned D.A;
- Master file;
- File.



OFFICE OF THE DEAN RESEARCH
UNIVERSITY OF KASHMIR, HAZRATBAL
NAAC ACCREDITED A+

ORDER

Sub:- Authorization for Utilization of grant of Rs. 50,000/-
Ref:- KU2023-CSC-4139, dated:-23-03-2023,

Dr. Javaid Iqbal, Principal Investigator, Department of Computer Sciences, is authorized to utilize the 4th installment of grants, to the tune of Rs.50,000/- (Rupees Fifty Thousand Only) as per the following break-up, under the JKST&IC sponsored project entitled, "Algorithm Design....." subject to adherence of all project guidelines and norms as in vogue.

S.No	Budget Head	Amount in INR
01.	Consumables	Rs.25,000/-
02.	Travel for attending/participating in conferences/workshops/project related work.	Rs.25,000/-
TOTAL		Rs.50,000/-

No:F(Utilization of grants)Res/KU/23
Dated:-11-04-2023.

/18670

Assistant Registrar
RESEARCH PROJECT

[Handwritten signatures]

Copy to the:-

1. Concerned Principal Investigator, Department Of Computer Sciences;
2. Concerned D.A; Accounts Section, Dean Research Office.
3. Master File;
4. File.



University of Kashmir, Srinagar

OFFICE OF THE DEAN RESEARCH

ORDER

Sub:- Authorization for budget allocation of grants.

Ref:- Application no.-CSC-3542, dated:-22.04.2022.

Dr. Javaid Iqbal , P.I, Department of Computer Sciences is authorized to utilize grants to the tune of Rs. 48,000/- as per the following break-up for the project entitled, "Algorithm Design and Mathematical Modelling....." subject to adherence of all project guidelines/codal procedure, and shall have to seek authorization on case to case basis.

S.No	Budget Head	Amount
01.	Consumables	23,000/-
02.	Travel for attending/participating in Conferences/Workshops/ Project related Work	25,000/-
	Total	48,000/-

By Order

Assistant Registrar
(RESEARCH PROJECT)

No:F(utilization of grants)Res/KU/22
Dated: 30.05.2022

16099

Copy to:

- Head, Department of Computer Sciences;
- Concerned P.I; Department of Computer Sciences;
- Concerned D.A;
- Master file;
- File.