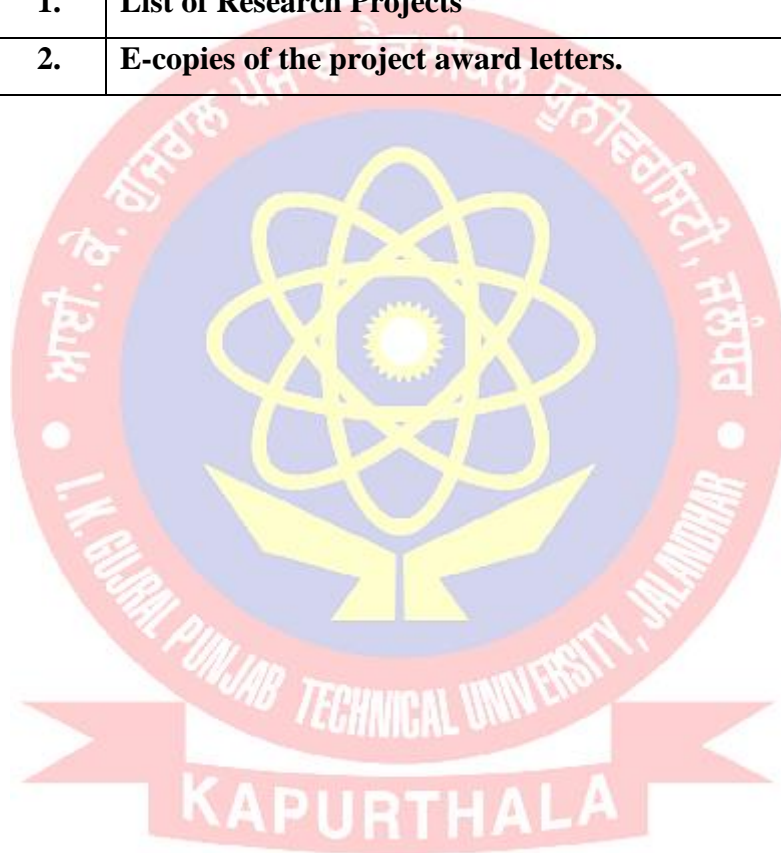


**Department: IKGPTU, Hoshiarpur Campus**

**3.2.2**

**Grants for Research Projects:  
Sponsored by Government Agencies**

Sl. No.	Documents Attached
1.	List of Research Projects
2.	E-copies of the project award letters.



### 3.2.2

## Grants for Research Projects: Sponsored by Government Agencies

### List of Research Projects



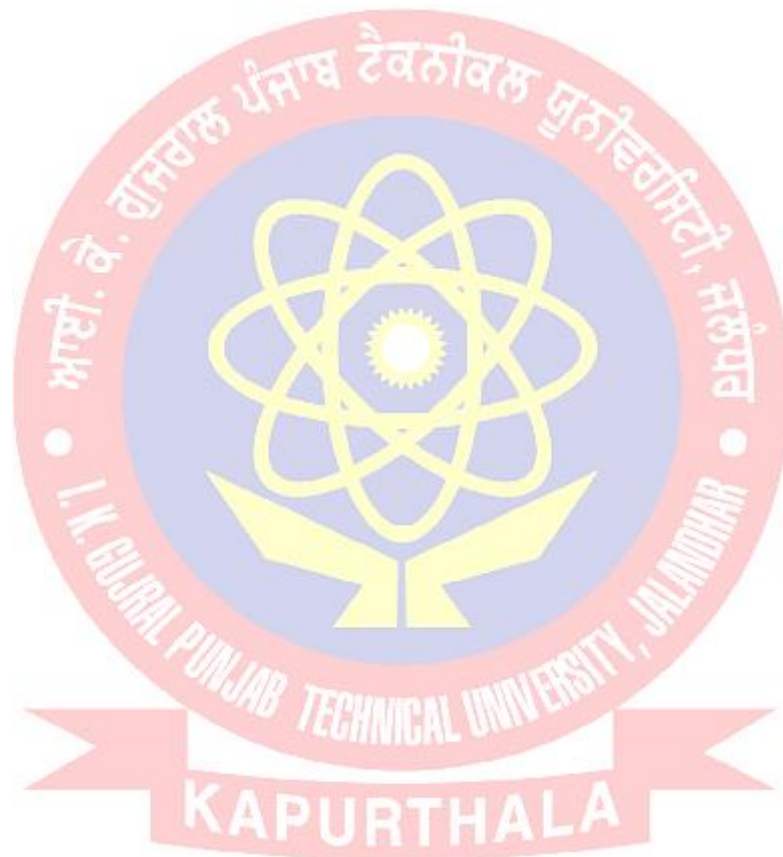
**List of teachers who have received Research Grant**

<b>Department</b>	<b>Project Title</b>	<b>Name of the Principal Investigator/ Co Investigator (if applicable)</b>	<b>Name of the Funding agency</b>	<b>Type (Government/ Non-Government)</b>	<b>Year of Award</b>	<b>Funds provided (INR in lakhs)</b>	<b>Duration of the project</b>
<b>Hoshiarpur Campus</b>	MATRICS	Dr. Kulwinder Singh	SERB DST, Ministry of Science and Technology, govt of India	Government	2021	6.60	3 Year

### 3.2.2

## Grants for Research Projects: Sponsored by Government Agencies

**E-copies of the project award letters.**



Dated: 11-Dec-2020

**ORDER**

Subject: Financial Sanction of the research project titled "Mathematical Modeling of the atmospheric air pollution over severely polluted coal mines region in India using time series, wavelet analysis, and soft computing techniques" under the guidance of Dr. Kulwinder Singh, Department of Mathematics, IKG Punjab Technical University, Hoshiarpur Campus, Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned fellowship at a total cost of Rs. 6,60,000/- (Rs. Rupees Six Lakh Sixty Thousand only Only) for a duration of 36 months.

The items of expenditure for which the total allocation of Rs. 6,60,000/- has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum (for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		6,60,000

2. Sanction of the SERB is also accorded to the payment of Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only) to Punjab Technical University, Jalandhar being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER). This release is being made under MATRICS - MATRICS Expert Committee.

4. The Sanction has been issued with the approval of the competent authority vide Diary No. SERB/F/5438/2020-2021 dated 10 December, 2020.

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

Purpose for which grants can be used are detailed at website ([www.serb.gov.in/matrix.php](http://www.serb.gov.in/matrix.php)).

7. Total expenditure for International travel cannot exceed Rs. 2,00,000 of the overall budget.

8. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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

10. The release amount of Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand 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	PTUJAL
Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC BANK LTD HDFC BANK LTD, PLOT NO 911, G.T. ROAD JALANDHAR
IFSC/RTGS Code	HDFC0000046
Email address of PI	kulmaths@gmail.com

DEPUTY DIRECTOR

IKGPTU CAMPUS HOSHIARPUR



The institute will furnish Utilization Certificate (UCS) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

2. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

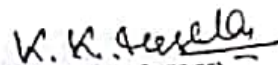
13. The File no. MTR/2020/000479 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

16. 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.

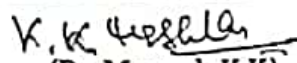
17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


  
(Dr. Magesh K K)  
Scientist D  
ms\_ms@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Kulwinder Singh Department of Mathematics, IKG Punjab Technical University, Hoshiarpur Campus Punjab Technical University, Jalandhar, Jalandhar, Punjab-144011 Email: kulmaths@gmail.com Mobile: 919876509195 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Registrar, Punjab Technical University, Jalandhar (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Magesh K K)  
Scientist D  
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