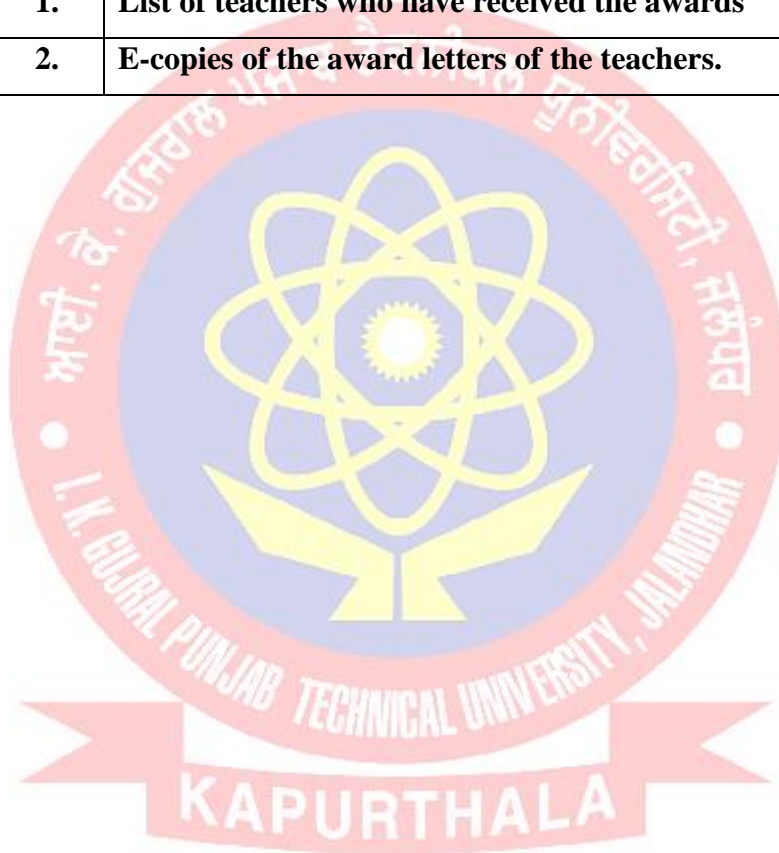


Department: Mechanical Engineering

3.1.3

Teachers Received National / International Fellowship/ Financial Support

Sl. No.	Documents Attached
1.	List of teachers who have received the awards
2.	E-copies of the award letters of the teachers.



3.1.3

Teachers Received National / International Fellowship/ Financial Support

List of teachers who have received the awards



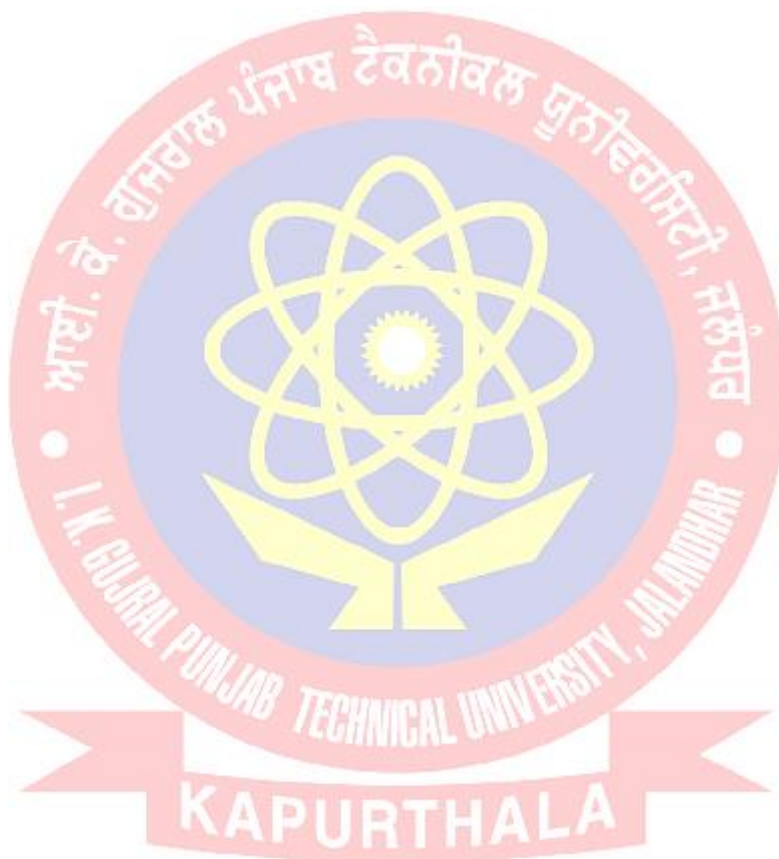
List of teachers who have received the awards

Department	Name of the teacher awarded national/ international fellowship/ financial support	Name of the award/ fellowship	Year of Award	Awarding Agency
Mechanical Engineering	Dr. Amit Bansal	Start-up Research Grant Scheme	2019-20	DST-SERB
Mechanical Engineering	Dr. Amoljit Singh Gill	Teachers Associateship for Research Excellence (TARE)	2019-20	DST-SERB

3.1.3

Teachers Received National / International Fellowship/ Financial Support

E-copies of the award letters of the teachers



FILE NO. SRG/2019/001182

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

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

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

Dated: 30-Dec-2019

ORDER

Subject: Financial Sanction of the research project titled "Development and mechanical characterization of the microwave assisted biomedical coatings on stainless steel" under the guidance of **Dr. Amit Bansal** Mechanical Engineering, Inder Kumar Gujral Punjab Technical University Main Campus Kapurthala, I.K. Gujral Punjab Technical University, Jalandhar - Kapurthala highway, vpo - ibban, kapurthala-144603, distt. kapurthala phone: +91-1822-282533,35,83 email: registrar@ptu.ac.in, Kapurthala, Punjab-144603 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2979900/- (Rs. Twenty Nine Lakh Seventy Nine Thousand Nine Hundred Only) with break-up of Rs. 1873500/- under Capital (Non-recurring) head and Rs. 1106400/- under General (Recurring) head for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2979900/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Microwave furnace -> Microhardness tester -> Vertimet Pro Metallurgical Microscope with Envision 6.0 - Metallography Image Analysis Software	1873500
A'	Total (Non-Recurring)	1873500
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	744000 81500 10000
2	Recurring - IV : (Overhead Charges)	270900
B'	Total (Recurring)	1106400
C	Total cost of the project (A' + B')	2979900

2. Sanction of the SERB is also accorded to the payment of Rs. 1873500/- (Rupees Eighteen Lakh Seventy Three Thousand Five Hundred only) under 'Grants for creation of capital assets' and Rs. 558200/- (Rupees Five Lakh Fifty Eight Thousand Two Hundred only) under 'Grants-in-aid General' to Registrar, Inder Kumar Gujral Punjab Technical University Main Campus Kapurthala, I.K. Gujral Punjab Technical University, Jalandhar - Kapurthala Highway, VPO - Ibban, Kapurthala-144603, Distt. Kapurthala Phone: +91-1822-282533,35,83 Email: Registrar@ptu.ac.in being the first installment of the grant for the year 2019-2020 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 Start-up Research Grant, (EC Engineering Sciences)

4. The Sanction has been issued to Inder Kumar Gujral Punjab Technical University Main Campus Kapurthala, I.K. Gujral Punjab Technical University, Jalandhar - Kapurthala Highway, VPO - Ibban, Kapurthala-144603, Distt. Kapurthala Phone: +91-1822-282533,35,83 Email: Registrar@ptu.ac.in with the approval of the competent authority under delegated powers on 26 December, 2019 and vide Diary No. SERB/F/8107/2019-2020 dated 26 December, 2019

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

6. 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.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

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.

Kapurthala
I.K. Gujral Punjab
Technical University
Department of Science & Technology

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of Rs. 2431700/- (Rupees Twenty Four Lakh Thirty One Thousand Seven Hundred 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, IBBAN, IKG PTU, Jalandhar- Kapurthala Highway, Kapurthala 144603
IFSC/RTGS Code	HDFC0000046
Email id of A/C Holder	registrar@ptu.ac.in
Email id of PI	amit.bansal978@gmail.com

12. The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise 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 end of each financial year.

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

14. The project File no. SRG/2019/001182 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. 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.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. 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. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, 11rd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	Dr. Amit Bansal Mechanical Engineering Inder Kumar Gujral Punjab Technical University Main Campus Kapurthala, I.K. gujral punjab technical university, jalandhar - kapurthala highway, vpo - ibban, kapurthala-144603, distt. kapurthala phone: +91-1822-282533,35,83 email: registrar@ptu.ac.in, Kapurthala, Punjab-144603 Email: amit.bansal978@gmail.com Mobile: 918289000931 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Inder Kumar Gujral Punjab Technical University Main Campus Kapurthala, I.K. Gujral Punjab Technical University, Jalandhar - Kapurthala Highway, VPO - Ibban, Kapurthala-144603, Distt. Kapurthala Phone: +91-1822-282533,35,83 Email: Registrar@ptu.ac.in (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan)
SCIENTIST-C

Department of Mechanical Engineering
I.K.G. PTU, Main Campus
Kapurthala

FILE NO. TAR/2019/000225
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
 (A statutory body of the Department of Science & Technology, government of India)

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

Dated: 21-Nov-2019

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Anmoljit Singh Gill**, I.K. Gujral Punjab Technical University Jalandhar, I.K. Gujral Punjab Technical University Jalandhar, Main Campus Jalandhar-kapurthala Highway, Near Pushpa Gujral Science City, Ibban, District-kapurthala, Pin-144603, Punjab, India., Kapurthala, Punjab-144603- under the mentorship of Dr. Anupam Agrawal, at Indian Institute of Technology, Ropar Nangal Road, Rupnagar - 140001- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only) for a duration of 36 months. The date of start of the project will be 08 November, 2019. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for
I.K. Gujral Punjab Technical University Jalandhar, I.K. Gujral Punjab Technical University Jalandhar, Main Campus Jalandhar-kapurthala Highway, Near Pushpa Gujral Science City, Ibban, District-kapurthala, Pin-144603, Punjab, India., Kapurthala, Punjab-144603 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Technology, Ropar Nangal Road, Rupnagar - 140001 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to I.K. Gujral Punjab Technical University Jalandhar, I.K. Gujral Punjab Technical University Jalandhar, Main Campus Jalandhar-Kapurthala Highway, Near Pushpa Gujral Science City, IBBAN, District-Kapurthala, Pin-144603, Punjab, INDIA., Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Technology, Ropar Nangal Road, Rupnagar - 140001 being the first installment of the grant for the year 2019-2020 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 Teachers Associateship For Research Excellence (TARE), (Mechanical & Manufacturing Engineering & Robotics)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/6815/2019-2020 dated 20 November, 2019

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

6. 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.

7. 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.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five 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:

I.K. Gujral Punjab Technical University Jalandhar, I.K. gujral punjab technical university jalandhar, main campus jalandhar-kapurthala highway, near pushpa gujral science city, ibban, district-kapurthala, pin-144603, punjab, india., Kapurthala, Punjab-144603 (Parent Institute):

PFMS Unique Code	PTUJAL
Account Name	PTU-GRANT-IN-AID
Account Number	00461450000276
Bank Name & Branch	HDFC Bank Ltd HDFC Bank Ibban, Ibban, Kapurthala, Punjab
IFSC/RTGS Code	HDFC0000046
Email address of PI	amol_gill@rediffmail.com
Email id of A/C Holder	registrar@ptu.ac.in
Email address of concerned officer	ms_tare@serbonline.in

Department of Mechanical Engineering
 I.K.G. P.T.U. Main Campus
 Kapurthala

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five 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:

Indian Institute of Technology, Ropar Nangal Road, Rupnagar - 140001 (Host Institute):

PFMS Unique Code	IITPUN
Account Name	IIT Ropar ICSR Account
Account Number	38592963395
Bank Name & Branch	State Bank of India IIT Ropar, Rupnagar, Punjab-140001
IFSC/RTGS Code	SBIN0013181
Email address of PI	amol_gill@rediffmail.com
Email id of A/C Holder	ericst@iitrpr.ac.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes 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.

10. 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.

11. The File no. TAR/2019/000225 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

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

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, 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.

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, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. T Thangaradjou)

Scientist E

ms_tare@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.	<p>(i) Dr. Amoljit Singh Gill Mechanical Engineering I.K. Gujral Punjab Technical University Jalandhar, I.K. gujral punjab technical university jalandhar, main campus Jalandhar-kapurthala highway, near pushpa gujral science city, ibban, district-kapurthala, pin-144603, punjab, india. Email: amol_gill@rediffmail.com Mobile: 919988700421</p> <p>(ii) Dr. Anupam Agrawal Indian Institute of Technology, Ropar Nangal Road, Rupnagar - 140001</p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>(i) Vice Chancellor, I.K. Gujral Punjab Technical University Jalandhar, I.K. Gujral Punjab Technical University Jalandhar, Main Campus Jalandhar-Kapurthala Highway, Near Pushpa Gujral Science City, IBBAN, District-Kapurthala, Pin-144603, Punjab, INDIA.</p> <p>(ii) Director Indian Institute of Technology, Ropar Nangal Road, Rupnagar - 140001</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. T Thangaradjou)

Scientist E

ms_tare@serbonline.in

Department of Mechanical Engineering
I.K.G. P.T.U. Main Campus
Kapurthala