

Ref.:-

Date:-

**List of Grants received from Government and non-governmental agencies for research projects**

**List of Grants received from Government and non-governmental agencies for research projects in  
A. Y. 2015-16**

Sr. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Estimation and Reduction of Helicopter Hub Vibratory Forces due to Blade-to-Blade Dissimilarity in Composite Rotor System	Dr. P M Pawar	Civil Engineering	2013	8.16 lakh	3 Years	Dept. of Science & Technology, Govt. of Inda	Government
2	Setting up Rural human resource development facility with the Technical Guidance and Consultancy from BARC-DAE	Dr. P M Pawar	Civil Engineering	2013	317.89 lakh	3 Years	Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra	Government
3	ICT Enabled School Education in Rural Areas around 15-20 kms from NKN node	Dr. B. P. Ronge	Mechanical Engineering	2013	137.00 lakh	3 Years	Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra, Mumbai	Government



*B. P. Ronge*  
PRINCIPAL,  
College of Engineering,  
PANDHARPUR

Sr. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government /non-Government)
4	Structural Health Monitoring of Composite Rotor Blades under Uncertainties	Dr. P M Pawar	Civil Engineering	2013	12.46 lakh	2 Years	Aeronautics R&D Board, Govt. Of India, New Delhi	Government
5	Design & Analysis of Micro Feature on Hydrodynamic Bearing for Improving the Tribology Performance	Dr. P M Pawar	Civil Engineering	2015	0.45 lakh	2 Years	UGC-DAE Consortium for Scientific Research	Government
6	Fabrication of PMMA Moulds for different Aspect Ratio Micro Structures in Metallic Sink Heat	Dr. B. P. Ronge	Mechanical Engineering	2015	0.45 lakh	2 Years	UGC-DAE Consortium for Scientific Research	Government
7	Design, Fabrication and Fluid Flow Analysis of Piezoelectric Micropump for Micro Fluidic Application	Dr. N. D. Misal	Mechanical Engineering	2015	0.45 lakh	2 Years	UGC-DAE Consortium for Scientific Research	Government



*B. Pange*  
PRINCIPAL,  
College of Engineering  
PANDHARPUR

## Sanctioned Order

Sr. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
1	Estimation and Reduction of Helicopter Hub Vibratory Forces due to Blade-to-Blade Dissimilarity in Composite Rotor System	Dr. P M Pawar	Civil Engineering	2013	8.16 lac	3 Years	Dept. of Science & Technology, Govt. of Inda	Government

No. SR/FTP/ETA-126/2011  
Science and Engineering Research Board  
(SERB)

Technology Bhavan  
New Mehrauli Road  
New Delhi - 110016  
11.12.2012

ORDER

**Subject:** Financial assistance for research project under FAST TRACK SCHEME FOR YOUNG SCIENTIST entitled "*Estimation and Reduction of Helicopter Hub Vibratory Forces due to Blade-to-Blade Dissimilarity in Composite Rotor System*" by Dr. Prashant M Pawar, Professor, Department of Mechanical Engineering, SVERI's, College of Engineering, P. B. No. 54, Gopalpur- Ranjani Raod Pandharpur, Solapur - 413 304, Maharashtra-Release of 1<sup>st</sup> instalment.

Sanction of the SERB is hereby accorded to the above mentioned project at a total cost of Rs. 8,16,000/- (Rupees eight lakhs sixteen thousand only) with the break-up of Rs. 5,00,000/- under Capital head and Rs. 3,16,000/- under General head for a duration of 3 year. The items of expenditure for which the total allocation of Rs. 8,16,000/- has been approved for 3 year are given as below :-

Sl No	Head	(Amount in Rs)
A	Non-recurring (Capital Items)	Total
I	Pmt Equipment: HP ProLiant DL580 G7 (E7) server with accessories	5,00,000/-
A'	Total (Capital)	5,00,000/-
B	Recurring (General Items)	
I	Consumables	60,000/-
II	Contingency	60,000/-
III	Travel (attending GMW meetings)	60,000/-
IV	Over Heads	1,36,000/-
B'	Total (General)	3,16,000/-
C	Grand Total (A'+B')	8,16,000/-

- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project, etc.
- Sanction of the SERB is also accorded to the payment of Rs. 6,10,000/- (Rupees six lakhs ten thousand only) with the break-up of Rs. 5,00,000/- (Rupees five lakhs only) under head 'Grants for creation of capital assets' (46.01.35) and Rs. 1,10,000/- (Rupees one lakh ten thousand only) under head 'Grants-in-aid General (46.01.31)' to the Principal, SVERI's, College of Engineering, P. B. No. 54, Gopalpur- Ranjani Raod Pandharpur, Solapur-413 304, Maharashtra being the first instalment of grant for the year 2012-13 for implementation of the above said project.
- Sanction of the grant is subject to the conditions as detailed in Annexure-I.
- The amount of Rs. 6,10,000/- (Rupees six lakhs ten thousand only) will be drawn by the Drawing and Disbursing Officer, SERB and will be disbursed to the Principal, SVERI's, College of Engineering, P. B. No. 54, Gopalpur- Ranjani Raod Pandharpur, Solapur - 413 304, Maharashtra by means of an A/C payee cheque.
- The Institute will furnish to the SERB Utilization Certificate (U/C) and audited Statement of Expenditure pertaining to the grant immediately after the end of each financial year.
- All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of SERB.
- As per Rule 211 GFRs the accounts of the project shall be open to inspection by the sanctioning authority / audit whenever the Institute is called upon to do so.

9. The institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to the SERB. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.
10. The Sanction has been issued with the approval of the competent authority under delegated powers and vide sanction number SERB/F/ 5030 /2012-2013 dated 11/12/2012.

*S. Sudershan Rao*  
(S. SUDERSHAN RAO)  
SCIENTIST-E

To

The Pay & Accounts Officer, Science & Engineering Research Board, (SERB),  
New Delhi-110016

Copy forwarded for information and necessary action to:-

1. Drawing and Disbursing Officer, Science & Engineering Research Board, (SERB), New Delhi-110016 (2 Copies)
2. SERB Secretariat.
3. File Copy
4. The Principal Director of Audit, A.G.C.R. Building, 11th Floor, I.P. Estate, New Delhi-110002
5. The Principal, SVERI's, College of Engineering, P. B. No. 54, Gopalpur- Ranjani Road Pandharpur Solapur - 413 304 (Maharashtra)
6. Dr. Prashant M Pawar, Professor, Department of Mechanical Engineering, SVERI's, College of Engineering, P. B. No. 54, Gopalpur- Ranjani Road, Pandharpur, Solapur - 413 304 (Maharashtra)

*S. Sudershan Rao*  
(S. SUDERSHAN RAO)  
SCIENTIST-E

*Regd Officer  
Copy to Be PMP  
B-Range  
2/1/12*

College of Engineering	
No.	682
Da.	21/12/12

Science and Engineering Research Board  
(SERB)

## Terms &amp; Conditions of the Grant

1. Approval of the research proposal and the grant being released is for the specific project sanctioned and should be exclusively spent on the project within the stipulated time. The Institute is not permitted to seek or utilise funds from any other organisation (Government, Semi-Government, Autonomous and Private Bodies) for this research project. Any un-spent balance out of the amount sanctioned must be surrendered to SERB through a crossed Cheque Demand Draft drawn in favour of "Fund for Science & Engineering Research".
2. For permanent, semi-permanent assets acquired solely or mainly out of the project grants, an audited record in the form of a register in the prescribed format (attached) shall be maintained by the Institute. The term "Assets" include (a) the immovable property acquired out of the grant; and (b) movable property of capital nature where the value exceeds Rs 1000/-. The Institute is required to send to SERB a list of assets acquired from the grant. The grant shall not be utilised for construction of any building unless specific provision is made for that purpose. Full infrastructural facilities by way of accommodation, water, electricity, communication etc. for smooth implementation of the project shall be given by the Institute.
3. All the assets acquired from the grant will be the property of Government of India and should not be disposed off or encumbered or utilised for purpose other than those for which the grant had been sanctioned, without the prior sanction of SERB.
4. At the conclusion/ termination of the project, the Government of India will be free to sell or otherwise dispose off the assets which are the property of the Government. The Institute shall render to the Government necessary facilities for arranging the sale of these assets. The Government of India has the discretion to gift the assets to the Institute or transfer them to any other Institute if it is considered appropriate.
5. The Institute/ PI will furnish Annual Progress Report of the work on the project on an yearly basis (i.e. if the date of start of a project is 12.09.97 the first Annual Technical Progress report shall be for the period 12.09.97 to 30.09.98, the next will be from 01.10.98 to 30.09.99 and so on). In addition, SERB may designate Scientist/ Specialist or an Expert Panel to visit the Institute periodically to review the progress of the work being carried out and to suggest suitable measures to ensure realisation of the objectives of the project. During the implementation of the project the Institute will provide all facilities to the visiting scientist/ specialist or the Expert Panel by way of accommodation etc. at the time of their visit. On completion of the project 5 copies of a final consolidated Project Completion Report (Annexure) on the work done on the project should be sent to the SERB.
6. At the time of seeking further instalment of grant, The Institute/ PI has to furnish the following documents:
  - a) Utilisation Certificate (UC) and Statement of Expenditure (SE) for the previous financial year (in original or copy if sent earlier);
  - b) Latest authenticated Statement of Expenditure including Committed Expenditure, for expenditure since 1<sup>st</sup> April of that financial year till the previous month; and
  - c) Technical Annual Progress Report, if not sent earlier.
7. Request for specific approval of SERB to carry forward the unutilised grant to the next financial year for utilisation for the same project, should be sent along with SE & UC, after completion of the financial year.

Scales 29/9/2012

8. The Comptroller & Auditor General of India, in his discretion, shall have the right of access to the books and accounts of the Institute maintained in respect of the grant received from the Government of India.
9. The institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest thus earned should be reported to SERB and should be reflected in the Statement of Expenditure. The interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of grant.
10. The institute will not entrust the implementation of the work for which the grant is being sanctioned to another institution nor will it divert the grant receipts to other institute as assistance. In case the institute is not in a position to implement or complete the project, it should, forthwith, refund to SERB the entire grant received by it or the balance grant with it.
11. All the personnel including Research personnel appointed under the project, for the full part duration of the project, are to be treated as temporary employees and will be governed by the Administrative rules/ service conditions (for leave, TADA etc) of the implementing institute. They are not to be treated as employees of the Government of India and the SERB will have no liability, whatsoever, for the project staff after completion of the project duration.
12. For the expeditious implementation of the research project, the PI will take the assistance of the institute in the process of selection and appointment of staff and payment to them. Scale and emoluments for the posts not covered under DST's OM are governed by norms prevalent in the implementing institution or as may be decided in consultation with SERB.
13. SERB reserves the right to terminate the project at any stage if it is convinced that the grant has not been properly utilized or appropriate progress is not being made.
14. The project becomes operative with effect from the date on which the Draft/ Cheque is received by the implementing institution. This date should be intimated by the Institution authorities/ Principal Investigator to SERB. It will, in no case be later than one month after the receipt of the draft/ cheque by the institute.
15. If the PI to whom a grant for a project has been sanctioned wishes to leave the institution where the project is based, the Institute/ PI will inform the same to SERB and in consultation with SERB, evolve steps to ensure successful completion of the project, before relieving the PI.
16. Investigators wishing to publish technical/ scientific papers based on the research work done under the project, should acknowledge the assistance received from SERB, indicating the scheme. Investigators are also requested to publish some of the research papers emerging out of the project work in leading Indian Journals.
17. If the results of research are to be legally protected, the results should not be published without action being taken to secure legal protection for the research results.
18. For projects identified to have a distinct potential for generating know-how, in the form of product/ process, that could be protected through patenting, copyrights etc., the PI should comply with the "Guidelines for Technology Transfer and Intellectual Property Rights" provided in the Guidelines for Implementing Research Projects booklet issued by the DST. For

2 Ticket  
201-  
1 Ticket  
21-

## Sanctioned Order

Sr. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
2	Setting up Rural human resource development facility with the Technical Guidance and Consultancy from BARC-DAE	Dr. P M Pawar	Civil Engineering	2013	317.89 lac	3 Years	Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra	Government



# **Rajiv Gandhi Science & Technology Commission**

## **Government of Maharashtra**

No. RGSTC/File-2012/DPP-75/CR-22,  
Mantralaya, 7<sup>th</sup> floor,  
Madam Cama Road,  
Hutatma Rajguru Chowk,  
Mumbai – 400 032.  
Tel. No. 22024711/22024755  
E-mail: [rgstcmaha@rediffmail.com](mailto:rgstcmaha@rediffmail.com)  
Dated : 12<sup>th</sup> February 2013.

### Sanction Order

**Subject: - Project Proposal entitled "Setting up Rural Human and Resource Development Facility (RHRDF) with the Technical Guidance and Consultancy from BARC-DAE"**

**Ref :- 1) Project Proposal dated 28<sup>th</sup> June 2011 received from Prof. B. P. Ronge, SVERI, College of Engineering, Pandharpur**

For advancement, propagation and promotion of applications of Science and Technology for development and to tackle various problems facing the society, the Government of Maharashtra has set up Rajiv Gandhi Science and Technology Commission. One of the objectives of the Commission is to catalyze application of innovations in sectors like food processing, energy, water, agriculture, industry etc. to create knowledge based society for sustained economic progress.

2. A project proposal entitled "Setting up Rural Human and Resource Development Facility (RHRDF) with the Technical Guidance and Consultancy from BARC-DAE" was received from SVERI's, College of Engineering, Pandharpur, for financial support under the Scheme "Assistance for Science and Technology Applications" of the Commission. The objectives of the project are to develop avenues for employment/self employment in rural areas, to transfer and deploy technology from laboratories to the field through AKRUTI programme format of BARC-DAE and large scale deployment of AKRUTI programme in rural sector. The project proposal was duly processed and approved by the Rajiv Gandhi Science and Technology Commission

3. The Rajiv Gandhi Science and Technology Commission is therefore, pleased to sanction and release an amount of Rs. 134.50 Lakhs (Rs. One Crore Thirty Four Lakhs Fifty Thousand only) out of the total estimated cost of Rs. 317.89 Lakhs (Rs. Three Crore Seventeen Lakhs Eighty Nine Thousand only) as the first installment to the institute for

implementation of the project of 3 years duration. The Demand draft shall be drawn and issued in favour of Principal, SVERI's, College of Engineering, Pandharpur. The Institute is requested to acknowledge the receipt of payment immediately.

4. The institute should constitute a review group for monitoring the progress, consisting of the proposed downstream partners who should provide inputs along with the periodic progress report on the project. The composition of the Review Group should be decided in consultation with the Commission.

5. The project status will be reviewed in terms of objectives and achievement, at the end of the first year after receipt of the sanctioned amount and thereafter every six monthly. The Institute should submit the Annual/Six monthly progress reports on the project along with the Utilization Certificate and the Statement of Expenditure to enable the Commission to complete the reviewing process.



(V. P. Kulkarni)

Senior Administrative and Finance Officer.



Copy forwarded with compliments for information and necessary action to:-

1. The Principal, Shri Vithal Education & Research Institute's, College of Engineering Gopalpur-Ranjani Road, Pandharpur, Dist. Solapur - 413 304.
2. Dr. Prashant M. Pawar, Department of Civil Engineering, SVERI's College of Engineering, PB No. 54, Gopalpur-Ranjani Road, Gopalpur, Pandharpur, Dist. Solapur - 413 304.
3. Head, TT&CD, Bhabha Atomic Research Centre, Trombay, Mumbai - 400 085.
4. Under Secretary and DDO, RGSTC.
5. Select File, RGSTC

Copy for information to:-

6. Chairman, RGSTC.  
Secretary (IT &ST).

निर्देशित S.P  
दिनांक 12/2/13  
सही [Signature]

14/1/2013  
9312/12/13

## Sanctioned Order

<b>Sr. No.</b>	<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator/ Co-investigator</b>	<b>Department of Principal Investigator</b>	<b>Year of Award</b>	<b>Amount Sanctioned</b>	<b>Duration of the project</b>	<b>Name of the Funding Agency</b>	<b>Type (Government/ non-Government)</b>
3	ICT Enabled School Education in Rural Areas around 15-20 kms from NKN node	Dr. B. P. Ronge	Mechanical Engineering	2013	137.00 lac	3 Years	Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra , Mumbai	Government

# Rajiv Gandhi Science & Technology Commission

## Government of Maharashtra

No. RGSTC/File-2012/ DPP-106/CR-24,  
Mantralaya, 7<sup>th</sup> floor,  
Madam Cama Road,  
Hutatma Rajguru Chowk,  
Mumbai - 400 032.  
Tel. No. 022022024755/4711  
E-mail: rgstemaha@rediffmail.com  
Dated:- 11<sup>th</sup> August, 2015.

### Sanction Order

Sub:- Project Proposal entitled "ICT Enabled School Education in Rural Areas around 15-20 Kms. from NKN Node".

- Ref:-
1. Project Proposal dated 28<sup>th</sup> July, 2012 received from SVERI's College of Engineering, Pandharpur.
  2. Rajiv Gandhi Science and Technology Commission's Sanction Order of even number dated 13<sup>th</sup> February, 2013, Office Order dated the 8<sup>th</sup> March, 2013 and Sanction Order dated the 16<sup>th</sup> August, 2014.
  3. Letter dated 20<sup>th</sup> June, 2015 received from P.I. Dr. B. P. Ronge, SVERI's College of Engineering, Pandharpur.

The project proposal entitled "ICT Enabled School Education in Rural Areas around 15-20 Kms. from NKN Node" received from the SVERI's College of Engineering, Pandharpur, for financial support, with Three years duration and total estimated cost of Rs. 137.60 lakhs, was duly processed and approved by the Rajiv Gandhi Science and Technology Commission. Accordingly, amounts of Rs. 91.20 lakhs and Rs. 23.20 lakhs were sanctioned and released to the institute as the first and second instalment for implementation of the project under RGSTC Sanction Orders dated 13<sup>th</sup> February, 2013 and 16<sup>th</sup> August, 2014 respectively.

2. The institute has now sent Progress Report along with the Utilization Certificate for the period from 1.4.2014 to 31.3.2015 indicating an unspent balance of Rs. 8,40,712/- as on 31<sup>st</sup> March, 2015. However, the institute has further clarified that the current balance amount available is almost Nil. The institute has requested to release the third instalment. Considering, the present status of project implementation and current balance position of the fund, the third instalment may be granted. It is observed that the institute has already received interest amounts of Rs. 2,23,120/- and Rs. 1,14,106/- totaling to Rs. 3,37,226/- during 2013-14 and 2014-15. Deducting the total interest amount of Rs. 3,37,226/- (Rs. Three Lakhs Thirty Seven Thousand Two Hundred Twenty Six Only) from the third due instalment of Rs. 23.20 lakhs, net amount payable is Rs. 19,82,774/- to the institute.

3. The Rajiv Gandhi Science and Technology Commission is, therefore, pleased to sanction and release an amount of 19,82,774/- (Rs. Nineteen Lakhs Eighty Two Thousand Seven Hundred Seventy Four Only) to the institute as the third instalment for implementation of the project. The Demand Draft shall be drawn and issued in favour of Principal, SVERI's College of Engineering,

... receipt of payment immediately. The balance ...  
... March, 2015 is permitted to be used during 2015-16.

4. The institute shall forward the Project Completion Report along with final Utilization Certificate, Statement of Expenditure and Statement of Complementary Benefits resulting from the project implementation to the Commission to enable it to carry out the reviewing process.

( V. P. Kulkarni )  
Senior Administrative and Finance Officer.

Copy forwarded with compliments for information and necessary action to:-

- ✓ 1. The Principal, SVERI's College of Engineering, P.B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Pandharpur -413 301.
- 2. The Trustee, MKCL Knowledge Foundation, ICC Trade Tower, A-Wing, 5<sup>th</sup> floor, Senapati Bapat Marg, Pune-411 016.
- 3. Head, TTCD, Bhabha Atomic Research Centre, Trombay, Mumbai - 400 085.
- 4. Shri Madhukar V. Pitke, 002, Buniyad, Goregaon (E), Mumbai - 400 063.
- 5. Dr. P.S. Dhekne, Raja Ramanna Fellow, Electronics and Instrumentation Group, Bhabha Atomic Research Centre, Trombay, Mumbai - 400 085
- 5. Under Secretary and DDO, RGSTC.
- 6. Select file, RGSTC.

Copy for information to:-

- 7. Chairman, RGSTC
- 8. Additional Chief Secretary (IT and S&T)

*pmr) Dyade  
for the needful  
smk  
26/8/18*

College of Engineering  
Pandharpur.  
Inward No... 406 .....  
Date - ... 26. / 08. / 2015

**Rajiv Gandhi Science & Technology Commission**  
**Government of Maharashtra**

No. RGSTC/File-2012/DPP-106/CR-24,  
Mantralaya, 7<sup>th</sup> floor,  
Madam Cama Road,  
Hutatma Rajguru Chowk,  
Tel. No. 22024711/22024755  
E-mail: [rgstcmaha@rediffmail.com](mailto:rgstcmaha@rediffmail.com)  
Mumbai - 400 032  
Dated :- 15<sup>th</sup> February 2013.

To  
The Principal,  
Shri Vithal Education & Research Institute's,  
College of Engineering,  
P.B. No. 54, Gopalpur-Ranjani Road,  
Gopalpur,  
Pandharpur- 413 304

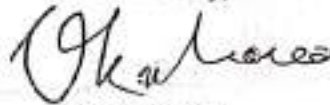
Subject: - Project Proposal entitled "ICT Enabled School Education in Rural Areas around 15-20 Kms from NKN Node".

Sir,

Please refer to the Rajiv Gandhi Science and Technology Commission's sanctioned order No. RGSTC/File-2012/DPP-106/CR-24, dated 13<sup>th</sup> February, 2013 on the subject mentioned above.

Accordingly, a Demand Draft No. 735407, dated 15<sup>th</sup> February, 2013 of the State Bank of India, Madam Cama Road Branch, Nariman Point, Mumbai for an amount of Rs. 91.20 Lakhs (Rs. Ninety One Lakhs Twenty Thousand only) drawn in your favour is enclosed herewith. Please acknowledge receipt of payment immediately.

Yours sincerely,



(V.P. Kulkarni)

Senior Administrative and Finance Officer.

Registrar  
for the receipt with  
copy to Dr. P.M. Rawar,  
Prof. S.M. Mulkhare and  
Prof. A.R. Sarkar  
B. Range  
17/02/13

College of Engineering  
Pandharpur.  
Inward No. ... 815 ...  
Date ... 17/02/2013

**Rajiv Gandhi Science & Technology Commission**  
Government of Maharashtra

No. RGSTC/File-2012/ DPP-106/CR-24,  
Hutatma Rajguru Chowk  
Madam Cama Road,  
Mantralaya, 7<sup>th</sup> floor,  
Mumbai - 400 032  
Tel. No. 022-22024755/22024711  
E-mail:-rgstcmaha@rediffmail.com  
Dated: - 14<sup>th</sup> August, 2015.

To,

The Principal,  
SVERI's College of Engineering,  
P.B. No. 54, Gopalpur-Ranjani Road,  
Gopalpur, Pandharpur -413 301.

Sub :- Project entitled "ICT Enabled School Education in Rural Areas around 15-20 Kms.  
from NKN Node".

Sir,

Please refer to the Rajiv Gandhi Science and Technology Commission's Sanction Order  
No. RGSTC/File-2012/ DPP-106/CR-24, dated 11<sup>th</sup> August, 2015 on the subject mentioned above.

Accordingly, a Demand Draft No. 527621, dated 14<sup>th</sup> August, 2015 of the State Bank of  
India, Madam Cama Road Branch, Nariman Point, Mumbai-400 021, for an amount of Rs.  
19,82,774/- (Rs. Nineteen Lakhs Eighty Two Thousand Seven Hundred Seventy Four Only) drawn  
in your favour is enclosed, herewith, as the third instalment. Please acknowledge receipt of payment  
immediately.

Yours sincerely,



(V. P. Kulkarni)

Senior Administrative and Finance Officer

*Dr PMP / Dyade / Registrar  
for the needful  
SMB  
26/8/15*

College of Engineering Pandharpur Inward No. 405 Date - 26/08/2015
---

o/c

Shri Vitthal Education & Research Institute's

Engineering for Excellence

# College Of Engineering, Pandharpur

Gopalpur-Ranjani Road, Post Box No. 54, Gopalpur, Pandharpur - 413 304, Dist. Solapur (Maharashtra)  
Tel.: (02186) 225083, Tel/Fax : (02186) 225082, E-mail : contact@coe.sveri.ac.in, Website: www.sveri.ac.in  
(Approved by A.I.C.T.E. New Delhi & Govt. of Maharashtra and Affiliated to Solapur University, Solapur)  
'A' Grade, Accredited by NBA & Institute of Engineers (India), ISO 9001:2008 Certified



Ref.: CoEPR/2014-15/507

Date: 02/07/2014

## UTILIZATION CERTIFICATE (Financial Year i.e. 1.4.2013 to 31.3.2014)

1.	Title of the Project	"ICT Enabled School Education in Rural Area around 15-20kms from NKN node"
2.	Name of the Organization/Institute	Shri Vitthal Education & Research Institute, Pandharpur
3.	Principal Investigator	Dr. B. P. Ronge
4.	Rajiv Gandhi Science and Technology Commission, Mumbai Sanction Order No. and Date of Sanctioning the project	RGSTC/File-2012/DPP-106/CR-24 Dated 13 <sup>th</sup> February 2013.
5.	Period of Project	3 Years
6.	Amount brought forward from the previous financial year quoting RGSTC letter No. & date in which the authority to carry forward the said amount was given.	RGSTC/File-2012/DPP-106/CR-24 Date: 13 <sup>th</sup> February 2013 Rs. 91,20,000/- (Rupees Ninety One Lakhs Twenty Thousand Only)
7.	Amount received from RGSTC during the financial year (Please give No. & dates of Sanction Orders showing the amounts paid	-Nil-
8.	Interest/Other receipts, if any, on the RGSTC Funds.	Rs. 2,23,120/- (Rupees Two Lakhs Twenty Three Thousand One Hundred Twenty only)
9.	Total amount that was available for the expenditure during the financial year after revalidation (Sr. No. 8 & 9).	Rs. 93,43,120/- (Rupees Ninety Three Lakhs Forty Three Thousand One hundred twenty only)
10.	Total expenditure in financial year.	Rs. 65,76,044/- (Rupees Sixty five Lakhs Seventy Six Thousand Forty four only)
11.	Balance amount available at the end of the financial year.	Rs. 27,67,076/- (Rupees Twenty Seven Lakhs Sixty Seven Thousand Seventy Six Only)
12.	On closure, unspent balance refunded to RGSTC, if any (Please give details of cheque No. and date.	Not Applicable

Certified that the amount of Rs. 65,76,044/- (Rupees Sixty five Lakhs Seventy Six Thousand Forty four only) mentioned against col. no. 10 has been utilized on the project for the purpose for which it was sanctioned and that the balance of Rs 27,67,076/- (Rupees Twenty Seven Lakhs Sixty Seven Thousand Seventy Six Only) remaining unutilized at the end of the financial year ending 31.3.2014 will be adjusted towards the grant-in-aid payable during the next year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned by the Rajiv Gandhi Science and Technology Commission has actually been utilized for the purpose for which it was sanctioned.

*B. Ronge*

Signature of the  
Principal Investigator and  
and Date : 02/07/14

*[Signature]*

Signature of the  
Comptroller/Finance and  
Accounts Officer/Director  
of Research and Date: 02/07/14

*B. Ronge*

Signature of the  
Head of Institution  
and Date: 02/07/14

*[Handwritten mark]*





Shri Vithal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**

P.B.No. 54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413 304, Dist. Solapur (Maharashtra) Tel: 775590201.

Tel Fax No: 1303-3004111, E-mail: coe@svr.ac.in, Website: www.svr.ac.in (Approved by AICTE, New Delhi and Affiliated to Solapur University, Solapur)

Accredited by The Indian Institution of Engineers (India), Kolkata and TCS, Pune. ISO 9001:2008 Certified Institute



Ref:- COEPR/2016-17/1206

Date:- 20/09/2016

**UTILIZATION CERTIFICATE**  
 (Financial Year i.e. 1.4.2015 to 31.3.2016)

1.	Title of the Project	ICT Enabled School Education in Rural Areas around 15-20kms from NKN node
2.	Name of the Organization/Institute	SVERI's College of Engineering, Pandharpur
3.	Principal Investigator	Dr. B. P. Ronge
4.	Rajiv Gandhi Science and Technology Commission, Mumbai Sanction Order No. and Date of Sanctioning the project	RGSTC/File-2012/DPP-106/CR-24 dated 13/02/2013
5.	Period of Project	3 Years
6.	Amount brought forward from the previous financial year quoting RGSTC letter No. & date in which the authority to carry forward the said amount was given.	RGSTC/File-2012/DPP-106/CR-24 Dated 11 <sup>th</sup> August, 2015 Rs. 8,40,712/- (Rs. Eight Lakhs Forty Thousand Seven Hundred Twelve)
7.	Amount received from RGSTC during the financial year (Please give No. & dates of Sanction Orders showing the amounts paid)	RGSTC/File-2012/DPP-106/CR-24 dated 11 <sup>th</sup> August, 2015 19,82,774/- (Rs. Nineteen Lakhs Eighty Two Thousand Seven Hundred Seventy Four Only)
8.	Interest/Other receipts, if any, on the RGSTC Funds.	Rs. 53978/- (Rs. Fifty Three Thousand Nine Hundred Seventy Eight Only)
9.	Total amount that was available for the expenditure during the financial year after revalidation (Sr. No. 6, 7 & 8).	Rs. 28,77,464/- (Rs. Twenty Eight Lakhs Seventy Seven Thousand Four Hundred Sixty Four Only)
10.	Total expenditure in the financial year.	Rs. 29,46,129/- (Rs. Twenty Nine Lakhs Forty Six Thousand One Hundred Twenty Nine Only)
11.	Balance amount available at the end of the financial year.	-Nil-
12.	On closure, unspent balance refunded to RGSTC, if any (Please give details of cheque No. and date.	-Nil-

Certified that the amount of Rs. 29,46,129/- (Rs. Twenty Nine Lakhs Forty Six Thousand One Hundred Twenty Nine Only) mentioned against col. no. 10 has been utilized on the project for the purpose for which it was sanctioned. Additional amount of Rs. 68,665/- (Rs. Sixty Eight Thousand Six Hundred Sixty Five Only) is contributed by the institute.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned by the Rajiv Gandhi Science and Technology Commission has actually been utilized for the purpose for which it was sanctioned.

*B. Ronge*  
 Signature of the  
 Principal Investigator  
 and Date

*[Signature]*  
 Signature of the  
 Comptroller/Finance and  
 Accounts Officer/Director  
 of Research and Date

*B. Ronge*  
 Signature of the  
 Head of Institution  
 and Date

**College Of Engineering, Pandharpur**

Gopalpur-Ranjani Road, Post Box No. 54, Gopalpur, Pandharpur - 413 304, Dist. Solapur (Maharashtra)  
 Tel.: (02186) 225083, Tel/Fax : (02186) 225082, E-mail : contact@coe.sveri.ac.in, Website: www.sveri.ac.in  
 (Approved by A.I.C.T.E. New Delhi & Govt. of Maharashtra and Affiliated to Solapur University, Solapur)  
 'A' Grade, Accredited by NBA & Institute of Engineers (India), ISO 9001:2008 Certified



Ref.: COEPR/2015-16/424

Date: 20/06/2015

**UTILIZATION CERTIFICATE**  
 (Financial Year i.e. 1.4.2014 to 31.3.2015)

1.	Title of the Project	ICT Enabled School Education in Rural Areas around 15-20kms from NKN node
2.	Name of the Organization/Institute	SVERI's College of Engineering Pandharpur
3.	Principal Investigator	Dr. B. P. Ronge
4.	Rajiv Gandhi Science and Technology Commission, Mumbai Sanction Order No. and Date of Sanctioning the project	RGSTC/File-2012/DPP-106/CR-24 dated 13/02/2013
5.	Period of Project	3 Years
6.	Amount brought forward from the previous financial year quoting RGSTC letter No. & date in which the authority to carry forward the said amount was given.	RGSTC/File-2012/DPP-106/CR-24 dated 13/02/2013 Rs. 27,67,076/- (Rupees Twenty Seven Lakhs Sixty Seven Thousand Seventy Six Only)
7.	Amount received from RGSTC during the financial year (Please give No. & dates of Sanction Orders showing the amounts paid	RGSTC/File-2011/DPP-106/CR-24 dated 19/08/2014 Rs. 23,20,000/- (Rupees Twenty Three Lakhs Twenty Thousand Only)
8.	Interest/Other receipts, if any, on the RGSTC Funds.	Rs. 1,14,106/- (Rupees One Lakh Fourteen Thousand One Hundred Six Only)
9.	Total amount that was available for the expenditure during the financial year after revalidation (Sr. No. 8 & 9).	Rs. 52,01,182/- (Rupees Fifty Two Lakhs One Thousand One Hundred Eighty Two Only)
10.	Total expenditure in financial year.	Rs. 43,60,470/- (Rupees Forty Three Lakhs Sixty Thousand Four Hundred Seventy Only)
11.	Balance amount available at the end of the financial year.	Rs. 8,40,712/- (Rupees Eight Lakhs Forty Thousand Seven Hundred Twelve Only)
12.	On closure, unspent balance refunded to RGSTC, if any (Please give details of cheque No. and date.	Not Applicable

Certified that the amount of Rs. 43,60,470/- (Rupees Forty Three Lakhs Sixty Thousand Four Hundred Seventy Only) mentioned against col. no. 10 has been utilized on the project for the purpose for which it was sanctioned and that the balance of Rs. 8,40,712/- (Rupees Eight Lakhs Forty Thousand Seven Hundred Twelve Only) remaining unutilized at the end of the financial year ending 31/03/2015 will be adjusted towards the grant-in-aid payable during the next year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned by the Rajiv Gandhi Science and Technology Commission has actually been utilized for the purpose for which it was sanctioned.

*B. Ronge*  
 Signature of the  
 Principal Investigator  
 and Date 20/06/2015

*[Signature]*  
 Signature of the  
 Comptroller/Finance and  
 Accounts Officer/Director  
 of Research and Date 20/06/2015

*B. Ronge*  
 Signature of the  
 Head of Institution  
 and Date 20/06/2015

Shri Vithal Education & Research Institute's

## College Of Engineering, Pandharpur

Gopalpur-Ranjani Road, Post Box No. 54, Gopalpur, Pandharpur - 413 304, Dist. Solapur (Maharashtra)  
Tel.: (02186) 225083, Tel/Fax : (02186) 225082, E-mail : contact@coe.sveri.ac.in, Website: www.sveri.ac.in  
(Approved by A.I.C.T.E. New Delhi & Govt. of Maharashtra and Affiliated to Solapur University, Solapur)  
'A' Grade, Accredited by NBA & Institute of Engineers (India), ISO 9001:2008 Certified

Engineering for Excellence



Ref.: No COEPR/2013-14/69(A)

Date: 31/3/2014

### OFFICE ORDER

The following staff members are given the responsibilities to work under research and development for the project ICT Enabled School Education by RGSTC Govt. of Maharashtra, Mumbai for the duration April 2014 to February 2016.

- 1) Prof. Mr. A. M. Dyade
- 2) Prof. Mrs. P. A. Satarkar
- 3) Prof. Mrs. V. D. Jadhav
- 4) Prof. Mr. A. R. Pawar
- 5) Prof. Mr. A. G. Korke
- 6) Prof. Mr. G. G. Patil

All are requested to participate in research and development activities for the assigned project.

*B. P. Ronge*

(Dr. B. P. Ronge)  
PRINCIPAL

## Sanctioned Order

<b>Sr. No.</b>	<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator/ Co-investigator</b>	<b>Department of Principal Investigator</b>	<b>Year of Award</b>	<b>Amount Sanctioned</b>	<b>Duration of the project</b>	<b>Name of the Funding Agency</b>	<b>Type (Government/ non-Government)</b>
4	Structural Health Monitoring of Composite Rotor Blades under Uncertainties	Dr. P M Pawar	Civil Engineering	2013	12.46 lac	2 Years	Aeronautics R& D Board, Govt. Of India, New Delhi	Government

Tele: 23007320

**DARO/08/1051695/M/I**

Directorate of Aeronautics/DRDO HQ  
Aeronautics R&D Board  
DRDO Bhawan, New Delhi-110105

To,

Registrar  
SVERI's, College of Engg, Pandharpur  
Gopalpur - Ranjani Road, P.B. No: 54,  
Dist : Solapur, Gopalpur,  
Maharashtra-4130304.

31 May 2013.

### **GRANT-IN-AID SCHEME OF AERONAUTICS R&D BOARD**

Under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D (R&D) dated 12<sup>th</sup> Feb 1971, DRDO/DBFA/FA/83226/M/01/2031/D (R&D) dated 30 Jul 2010 as amended from time to time I am directed to convey the sanction of the Board for the following project for the year **2013-2014**.

**TITLE OF THE PROJECT:** "Structural Health Monitoring of Composite Rotor Blades under Uncertainties."

**AMOUNT:** Rs. 6.642 lacs. (First year)

2. Total estimated funds for the project is **Rs. 12.466 lacs**. However, the same is subject to revision based on performance and review. The year-wise break-up is given below:-

S.NO.	Budget HEAD	Funds required (in lakhs)	
		I year	II year
(a)	Salary	1.920	1.920
(b)	Equipment	5.000	--
(c)	Consumables	1.000	1.000
(d)	Contingency	-----	-----
(e)	Travel	-----	-----
(f)	Overheads	1.188	0.438
	<b>Total</b>	<b>9.108</b>	<b>3.358</b>

**Grand Total Rs. 12.466 lacs** out of which a sum of **Rs 2.466 lacs** will be borne by the institute.

3. Funds for subsequent year (S) will be released on satisfactory progress and submission of annual progress report by PI to the panel and Sectt. and based on Panel recommendation with due approval of competent authority. Statement of accounts and utilisation certificate duly certified by the executive financial authority of the Institution is also required to be submitted along with the annual report. Excess expenditure, beyond the yearly sanction, unless authorised by AR&DB in writing, shall be the responsibility of the grantee institutions.

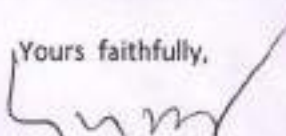
...2/-

4

4. The duration of the project is two years. The date of receipt of the grant would be reckoned as the commencement date of the project which has to be intimated to this Sectt. Without any ambiguity.
5. A separate account for the grant would be maintained by SVERI's College of Engg. Maharashtra and interest earned thereon, if any, would accrue to AR&DB.
6. The grantee institution shall incorporate necessary clause to provide reservation for SC & ST or OBC in posts and services for appointing project staff under grant-in-aid scheme.
7. On completion of the project unspent balance if any should be deposited through MRO at your end against AR&DB sanction project No."1051695" to the PCDA (R&D), New Delhi A/C NO.4055000004. Thereafter, a copy of the MRO duly receipted may be sent to PCDA (R&D), West Block- V, RK Puram New Delhi-110066 under intimation to AR&DB Sectt with a copy of MRO for necessary records.
8. A list of inventory of equipment purchased out Of AR&DB grant shall be intimated year-wise, along with its cost and source of procurement to AR&DB Sectt. On completion of the project, the grantee institution would forward the consolidated list with request, if any, for retention of any equipment for another project of in-house R&D, with due recommendations of their executive authority and the concerned panel.
9. The grantee institution shall not disclose any information under RTI ACT, 2005 as DRDO is placed under second schedule and is exempted from disclosure of information under Sec 24 (i) of the Act except information pertaining to the allegation of corruption and Human Rights Violations.  
  
(i) In case any application is received by the grantee institution for seeking information pertaining to DRDO project under RTI Act 2005, it may not be replied to directly and the same shall be transferred to CPIO, DRDO HQ for necessary action and reply under sec 6(3) of the RTI Act at the following address:-  
**314 A 'B' Block RTI Cell**  
**DRDO Bhawan, Rajaji Marg, New Delhi-110011.**
10. Instruction and Conditions of Ownership of intellectual properties generated by this project is available in [www.drdo.com/boards/ardb/rules& grants-patents.htm](http://www.drdo.com/boards/ardb/rules& grants-patents.htm).
11. Instruction conditions of publication of Technical papers related to this project is available in [www.drdo.com./boards/ardb/rules & grants-report3.htm](http://www.drdo.com./boards/ardb/rules & grants-report3.htm).
12. On completion of the project, Closure Report along with copies of technical report for each panel member and 3{three} copies for AR&DB Sectt alongwith one soft copy may be submitted within sixty days of completion of project alongwith Statement-2 (Statement of Expenditure) & Statement-3 (Utilisation Certificate) as per Annexure III of Grant-in-aids rules duly audited from the Audit Authority of Institution/organization signed in ink in duplicate.
13. PCDA (R&D), West Block V,RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.

14. The expenditure will be debited to Major Head 2080 – Defence Services, R & D, Minor Head 004-Research/Research & Development and Code Head 852/2 (AR&DB Grant-in-aid ) of Defence Services Estimates.
15. Contingent bill (in triplicate) duly completed and stamped along with ECS mandate from may please be forwarded to us within 30 days for countersignature and onward transmission to PCDA(R&D), West Block V, RK Puram, New Delhi-110066 for payment.
16. This is issued with the concurrence of IFA (R&D) vide their UO No IFA/R&D/1956/0179 dt. 08-05-2013

Yours faithfully,

  
(G Krishna Kumar)  
Gp Capt  
O i/c Aero R&D Board  
For Secretary, AR&DB

COPY TO:- Principal CDA (R&D),  
West Block V, RK Puram,  
New Delhi-11006

IFA (R&D), DRDO Bhawan

Dy. Director of Audit  
Defence Services, Southern Command, pune

Principal Director of Audit  
Air Force & Navy, 'M' Block, N. Delhi-110001

Dr. A.R. Upadhy (Convenor TC)  
Dr. Raja Ramana Chair  
DRDO's Distinguish Fellow  
Aeronautical Development Agency  
Vimanpura post, Bangalore -560017

✓ Dr. Prashant M Powar (PI)  
SERVI's, College of Engg. Pandharpur  
Gopalpur - Ranjani Road, P.B. No: 54,  
Dist : Solapur, Gopalpur, Maharashtra-4130304.

Prof M. S. Sivakumar (Co-Ordinaator, Structures Panel)  
Department of Applied Mechanics,  
IIT Madras, Chennai-600036

Gp Capt G. Krishna kumar  
Member Secretary, Secretary Panel

Control No. 24 (2013-2014).

## Sanctioned Order

<b>Sr. No.</b>	<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator/ Co-investigator</b>	<b>Department of Principal Investigator</b>	<b>Year of Award</b>	<b>Amount Sanctioned</b>	<b>Duration of the project</b>	<b>Name of the Funding Agency</b>	<b>Type (Government/ non-Government)</b>
5	Design & Analysis of Micro Feature on Hydrodynamic Bearing for Improving the Tribology Performance	Dr. P M Pawar	Civil Engineering	2015	0.45 lac	2 Years	UGC-DAE Consortium for Scientific Research	Government





# UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग – परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities; IUC-DAEF)

Indore Centre  
इन्दौर केन्द्र

Dr. V. Ganesan  
Centre-Director

Ref: CSR-IC-BL-34/CRS-131-2014-15/ 1227

27<sup>th</sup> March 2015

To  
✓ Dr. Prashant Pawar  
Gopalpur-Ranjani Road, P.B. No.54,  
Gopalpur  
Pandharpur-413 304,  
Dist-Solapur, Maharashtra  
Email: [pawarpm@gmail.com](mailto:pawarpm@gmail.com)

**Sub: Your proposal "Design and Analysis of Micro Features on Hydrodynamic Bearings for Improving the Tribology Performance"**

Dear Dr. Pawar,

We would like to thank you for visiting RRCAT, Indore for presenting your CRS proposal on Jan 22-23, 2015 under the CRS schemes of UGC-DAE CSR, Indore Centre. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved.

- The financial allocation for this year will be:

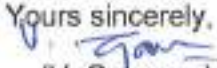
Contingency	Rs. 15,000/-
Consumables	Rs. 30,000/-

No overheads are available under this scheme.
- This project is assigned to beamline No. BL7 of Indus-2 and Scientist In-charge is Dr.V.Dharmgaye and he will coordinate the activities of the project from Indus, RRCAT side. The CSR coordinator is Dr. Deelip Kumar Gupta
- The PI should ensure the filling up of the beam time request form well in advance for the utilization of beam line in consultation with the beamline in-charge.
- This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions /

persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.

5. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
6. The CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2<sup>nd</sup> AC train fare visiting CSR, Indore Centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of CSR.
7. At the end of the financial year (i.e. March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
8. You may please send the following information along with your acceptance for sending the grants:
  - a. Name of the Bank
  - b. Name of Beneficiary
  - c. RTGS Code of the Bank
  - d. A/c No. of Beneficiary
  - e. Branch of the Bank.

Please let me have your acceptance of the CRS under the above conditions at the earliest so that money can be transferred to the Registrar / competent financial authority of your University/Institute.

Yours sincerely,  
  
(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Director, CSR, Indore.
2. The Administrative Officer – II, CSR, Indore.
3. The Administrative Officer – I (Accounts), UGC-DAE CSR, Indore Centre.
4. The Registrar, SVERI, Pandharpur.
5. Dr. V.Dhamgaye, Scientist in-charge BL9, Indus-2, RRCAT, Indore.
6. Dr. Deelip Kumar Gupta, CSR coordinator, Indore Centre.
7. The PS to Centre-Director, CSR, Indore Centre for project file.

## Sanctioned Order

<b>Sr. No.</b>	<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator/ Co-investigator</b>	<b>Department of Principal Investigator</b>	<b>Year of Award</b>	<b>Amount Sanctioned</b>	<b>Duration of the project</b>	<b>Name of the Funding Agency</b>	<b>Type (Government/ non-Government)</b>
6	Fabrication of PMMA Moulds for different Aspect Ratio Micro Structures in Metallic Sink Heat	Dr. B. P. Ronge	Mechanical Engineering	2015	0.45 lac	2 Years	UGC-DAE Consortium for Scientific Research	Government



**Indore Centre**  
इन्दौर केन्द्र

## UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग – परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वतंत्र संस्थान)

(Formerly : Inter University Consortium for DAE Facilities; IUC-DAEF)

**Dr. V. Ganesan**  
Centre-Director

Ref: CSR-IC-BL-35/CRS-132-2014-15/ 12.2.5

27<sup>th</sup> March 2015

To  
Dr. B.P. Ronge  
Gopalpur-Ranjani Road, P. B. No.54,  
Gopalpur  
Pandharpur-413 304,  
Dist-Solapur, Maharashtra  
Email: [ronge\\_bp@rediffmail.com](mailto:ronge_bp@rediffmail.com)

**Sub: Your proposal "Fabrication of PMMAMoulds for different Aspect Ratio Micro structures in Metallic Heat Sinks"**

Dear Dr. Ronge,

We would like to thank you for visiting RRCAT, Indore for presenting your CRS proposal on Jan 22-23, 2015 under the CRS schemes of UGC-DAE CSR, Indore Centre. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved.

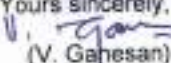
1. The financial allocation for this year will be:

Contingency	Rs. 15,000/-
Consumables	Rs. 30,000/-

No overheads are available under this scheme.
2. This project is assigned to beamline No. BL7 of Indus-2 and Scientist In-charge is Dr. V. Dhamgaye and he will coordinate the activities of the project from Indus, RRCAT side. The CSR coordinator is Dr. Deelip Kumar Gupta.
3. The PI should ensure the filling up of the beam time request form well in advance for the utilization of beam line in consultation with the beamline in-charge.
4. This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.

5. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
6. The CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2<sup>nd</sup> AC train fare visiting CSR, Indore Centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of CSR.
7. At the end of the financial year (i.e. March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
8. You may please send the following information along with your acceptance for sending the grants:
  - a. Name of the Bank
  - b. Name of Beneficiary
  - c. RTGS Code of the Bank
  - d. A/c No. of Beneficiary
  - e. Branch of the Bank.

Please let me have your acceptance of the CRS under the above conditions at the earliest so that money can be transferred to the Registrar / competent financial authority of your University/Institute.

Yours sincerely,  
  
(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Director, CSR, Indore.
2. The Administrative Officer – II, CSR, Indore.
3. The Administrative Officer – I (Accounts), UGC-DAE CSR, Indore Centre.
4. The Registrar, SVERI, Pandharpur.
5. Dr. V.Dhamgaye, Scientist in-charge of the BL9, Indus-2, RRCAT, Indore.
6. Dr. Deelip Kumar Gupta, CSR coordinator, Indore Centre.
7. The PS to Centre-Director, CSR, Indore Centre for project file.

Registrar  
B. Sange  
23/04/2015

College of Engineering Pandharpur
Invo. No. .... 22 .....
Date 23/04/2015

## Sanctioned Order

Sr. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
7	Design, Fabrication and Fluid Flow Analysis of Piezoelectric Micropump for Micro Fluidic Application	Dr. N. D. Misal	Mechanical Engineering	2015	0.45 lac	2 Years	UGC-DAE Consortium for Scientific Research	Government



**Indore Centre**  
इन्दौर केन्द्र

## UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग – परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities; IUC-DAEF)

**Dr. V. Ganesan**  
Centre-Director

Ref: CSR-IC-BL-33/CRS-130-2014-15/ 1226

27<sup>th</sup> March 2015

To  
Prof. N. D. Misal,  
Gopalpur-Ranjani Road, P.B. No.54,  
Gopalpur  
Pandharpur-413 304,  
Dist-Solapur,Maharashtra  
Email: [pawarpm@gmail.com](mailto:pawarpm@gmail.com)

**Sub: Your proposal "Design, Fabrication and Fluid Flow Analysis of Piezoelectric Micropump for Microfluidic Applications"**

Dear Prof. N. D. Misal,

We would like to thank you for visiting RRCAT, Indore for presenting your CRS proposal on Jan 22-23, 2015 under the CRS schemes of UGC-DAE CSR, Indore Centre. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved.

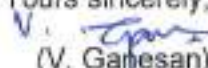
- The financial allocation for this year will be:

Contingency	Rs. 15,000/-
Consumables	Rs. 30,000/-

No overheads are available under this scheme.
- This project is assigned to beamline No. BL7 of Indus-2 and Scientist In-charge is Dr.V.Dhamgaye and he will coordinate the activities of the project from Indus, RRCAT side. The CSR coordinator is Dr. Deelip Kumar Gupta
- The PI should ensure the filling up of the beam time request form well in advance for the utilization of beam line in consultation with the beamline in-charge.
- This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.

5. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
6. The CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2<sup>nd</sup> AC train fare visiting CSR, Indore Centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of CSR.
7. At the end of the financial year (i.e. March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
8. You may please send the following information along with your acceptance for sending the grants:
  - a. Name of the Bank
  - b. Name of Beneficiary
  - c. RTGS Code of the Bank
  - d. A/c No. of Beneficiary
  - e. Branch of the Bank.

Please let me have your acceptance of the CRS under the above conditions at the earliest so that money can be transferred to the Registrar / competent financial authority of your University/Institute.

Yours sincerely,  
  
(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Director, CSR, Indore.
2. The Administrative Officer – II, CSR, Indore.
3. The Administrative Officer – I (Accounts), UGC-DAE CSR, Indore Centre.
4. The Registrar, SVERI, Pandharpur.
5. Dr. V.Dhamgaye, Scientist in-charge BL9, Indus-2, RRCAT, Indore.
6. Dr. Deelip Kumar Gupta, CSR coordinator, Indore Centre.
7. The PS to Centre-Director, CSR, Indore Centre for project file.