

CRITERIA III

3.2.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years (3)

1. Documents required: Create one consolidated word file containing images of all research grant award letters

1. Mechanical

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 15ENG002490
Name of P.I. : Mangate Laxmikant Dadarao
Contact No. (Mob.) : 9822209233 Email ID : laxmikantm@gmail.com
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr: 666,
Upper Indira Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/282 (Appr.Date.: 13 Jan 2004)
Title of the Project : Design and development of heat transfer setup to evaluate the performance of heat sink.

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2016 – 2018.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

Revised Estimate For-Sanctioned University Research Grant Scheme Proposal (2016-18)

Name of Principle Investigator : Mangate Laxmikant Dadarao
P.I. Contact No. (Mob) : 9822209233 Email ID : laxmikantm@gmail.com
Title of Project : Design and development of heat transfer setup to evaluate the performance of heat sink.
College Name (With address) : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Total Amount Sanctioned : Rs. 110000.00

Estimate	First	Second	Gross Total
Books and Journals	500	1,000	1,500
Chemicals and glassware	2,000	1,000	3,000
Contingency (including special needs)	4,000	24,000	28,000
Equipments	37,500	17,500	55,000
Field Work and Travel	8,000	8,500	16,500
Hiring Services	3,000	3,000	6,000
Total	55,000	55,000	110,000

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

9

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 15ENG002340
Name of P.I. : Walame Mahesh Vishnu
Contact No. (Mob.) : 9527013311 Email ID : mahesh.walame@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr:
666, Upper Indira Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/4802 (Appr.Date.: 15 Jul 2002)
Title of the Project : Comparative analysis and feasibility study of Bamboo Fiber reinforced Green composites

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2016 – 2018.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

Revised Estimate For-Sanctioned University Research Grant Scheme Proposal (2016-18)

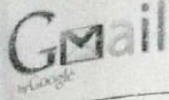
Name of Principle Investigator : Walame Mahesh Vishnu
P.I. Contact No. (Mob) : 9527013311 Email ID : mahesh.walame@vit.edu
Title of Project : Comparative analysis and feasibility study of Bamboo Fiber reinforced Green composites
College Name (With address) : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Total Amount Sanctioned : Rs. 120000.00

Estimate	First	Second	Gross Total
Books and Journals	2,000	3,000	5,000
Chemicals and glassware	10,000	10,000	20,000
Contingency (including special needs)	6,000	4,000	10,000
Equipments	27,000	28,000	55,000
Field Work and Travel	0	0	0
Hiring Services	15,000	15,000	30,000
Total	60,000	60,000	120,000

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)



Shriniwas Chippa <chippashriniwas@gmail.com>

1st Installment of University research grant 2014-16

Officer on Special Duty BCUD, UoP <osd.bcud@gmail.com>
To: director@vit.edu, Mansi Kelkar <mansi.kelkar@gmail.com>
Cc: manikrao.dhore@vit.edu, prasad.gokhale@vit.edu, noshir.tarapore@vit.edu, sangita.lade@vit.edu, ashwini.shingare@vit.edu, milindpatwardhan@yahoo.com, vijay.gaikwad@vit.edu, chandrashekhar.mahajan@vit.edu, manisha.mhetre@vit.edu, Shriniwas Chippa <chippashriniwas@gmail.com>, mukund.nalawade@vit.edu, kedar.sarit@vit.edu, Ganesh Dongre <dongreganesh1978@gmail.com>

Wed, Apr 15, 2015 at 3:14 PM

Sir/Madam,

Its pleasure to inform you that 1st installment of the sanctioned research project under 'University research grant scheme' sponsored through BCUD, Savitribai Phule Pune University, Pune grant has been released. The Project period will be two years from the sanctioned date of the proposal. The audit of the 1st installment will be conducted in month of January 2016. Therefore you are informed to utilize the 1st installment on or before the 31st December 2015. The Principal Investigator should utilize the research grant as per the rules.

Regards and Best wishes,

Sr. No.	Clg. No.	College Name	Teacher Name	Sanction Amount	1st Insta'l. Amt.	Cheque Amt.	Cheque No.
62	17	Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr: 666, Upper Indira Nagar, Bibwewadi, Pune	Dhore Manikrao Laxmanrao	90,000	45,000	875,000	163537
63			Gokhale Prasad Kishor	200,000	100,000		
64			Tarapore Noshir Zal	120,000	60,000		
65			Lade Sangita Gautam	30,000	15,000		
66			Shingare Ashwini Shekhar	30,000	15,000		
67			Patwardhan Milind Manohar	190,000	95,000		
68			Gaikwad Vijay Dattatray	200,000	100,000		
69			Mahajan Chandrashekhar Madhavrao	240,000	120,000		

6/9/2015

70		Mhetre Manisha Rajesh	150,000	75,000
71	✓	Chippa Shrinivas Pandurang	120,000	60,000
72	✓	Nalawade Mukund Kerba	120,000	60,000
73	✓	Sant Kedar Damodar	150,000	75,000
74		Dongre Ganesh Govardhan	110,000	55,000

Dr. Ravindra Jaybhaye

OSD,BCUD,

Savitribai Phule Pune University,

Pune-411007

Phone No.-020-25601263

SAVITRIBAI PHULE PUNE UNIVERSITY

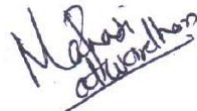
Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001602
Name of P.I. : CHIPPA SHRINIWAS PANDURANG
Contact No. (Mob.) : 9527772448 Email ID : chippashriniwas@gmail.com
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : cco/282 (Appr.Date.: 12 Jan 2004)
Title of the Project : Steady-State and Transient Elasto-hydrodynamic Analysis of Finite Line Contact

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.



A. R. C.

(Name and Signature)





Principal Investigator

(Signature)



Principal

(Signature and Seal)

DIRECTOR

Vishwakarma Institute of Technology
Bibwewadi, Pune-411007



SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development


Revised Estimate For-Sanctioned University Research Grant Scheme Proposal (2014-16)

Name of Principle Investigator : CHIPPA SHRINIWAS PANDURANG
P.I. Contact No. (Mob) : 9527772448 Email ID : chippashriniwas@gmail.com
Title of Project : Steady-State and Transient Elasto-hydrodynamic Analysis of Finite Line Contact
College Name (With address) : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Total Amount Sanctioned : Rs. 120000.00

Estimate	First	Second	Gross Total
Books and Journals	19,500	19,500	39,000
Chemicals and glassware	0	0	0
Contingency (including special needs)	1,500	1,500	3,000
Equipments	30,000	30,000	60,000
Field Work and Travel	9,000	9,000	18,000
Hiring Services	0	0	0
Total	60,000	60,000	120,000

A. R. C.
(Name and Signature)




Principal Investigator
(Signature)


Principal
(Signature and Seal)

DIRECTOR

Vishwakarma Institute of Technology
Bibwewadi, Pune - 411 007



University of Pune

Pune: - 411 007

Board of Colleges and University Development

Ref. No:- OSD /BCUD/360/21

Date:- 27/11/2013

To,
The Principal,
Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune

Subject:- Sanction BCUD research Proposals for 2013-14 to 2014-15.

Dear Sir /Madam,

With reference to the acceptance letter and revised budget of the Research Proposal received from Principle Investigator, the University authorities are pleased to approve the project submitted by the following Principle Investigator along with the sanctioned amount show against their names for year 2013-14 to 2014-15.

Sr. No.	Full Name	Sanction Amount
1	Haribhau Ganpat Phakatkar	190000/-
2	Moreshwar Ramkrishna Khodke	210000/-
	Total	4,00,000/-

The 1st Installment of the Sanction research project has been released. You are requested to inform concerned teacher.

Details about the Norms and Guidelines can be download from www.unipune.ac.in

Dr. Ravindra G. Jaybhaye
OSD/BCUD

(17)

Dr. V. B. Gaikwad
Director, BCUD

① PF ② Acc ③ HOD Mech



S. Sudershan Rao
Scientist 'E' / Programme Officer
SERC Division/ (SERB)
Phone: (011) 2659 0245; 26521445
Tel Fax: (011) 26963695
e-mail: ssrao@nic.in

भारत सरकार,
विज्ञान और प्रौद्योगिकी मंत्रालय,
विज्ञान और प्रौद्योगिकी विभाग,
टेक्नोलॉजी भवन, महारौली मार्ग,
नई दिल्ली-110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110016

No. SR/FTP/ETA-0066/2011

21 November, 2011

D.O No.

Dated

Subject: Your project entitled: "Design and Development of Multi-Orifice Synthetic Jet to Study the Heat Transfer Characteristics and Noise Level Reduction (Regn. No. SERC/ET-0285/2010)" submitted under SERB Fast Track Scheme for Young Scientist in Engineering Sciences.

Dear Dr. Chaudhari,

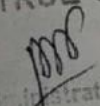
I am pleased to inform you that your fast track young scientist proposal cited under subject above has been considered by the Science & Engineering Research Board (SERB) under the aegis of Department of Science & Technology through an elaborate peer review mechanism and the project has been **recommended** for support for a period of 2/3 years (as proposed) subject to your fulfilling the eligibility criteria and submission of the relevant support documents mentioned below.

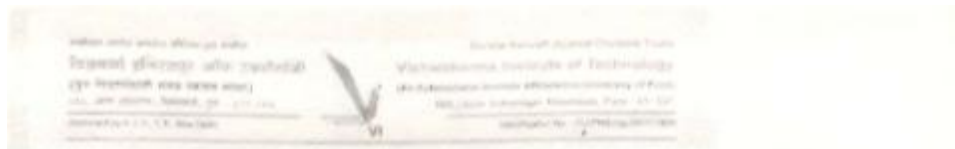
You are requested to send the following documents duly endorsed by the Competent Authority of the Host Institute /University where the project will be implemented. The desired documents are:-

1. Certificate from the Head of the Institution where the said project will be implement (Original copy in the Official letter head in the attached format - **Annexure - 1**).
2. List of facilities extended / made available to the researcher by the Institute duly endorsed by the Head of Institute / Registrar / Competent Authority.
3. List of equipment supported by quotations for approved / proposed pieces of equipments along with technical justification of its requirement indicating equipment and accessories, cost and quantity.
4. Estimates of Consumables required, if any in the project. (Item, cost, quantity and amount).
5. In case the project involves cost on account of fabrication of equipment or analytical charges, the details of fabrication cost (s)/ analytical charges may be provided along with quotations etc.
6. Certificate mentioning that **any visit abroad** for a period more than 8 weeks will be undertaken only after prior permission of DST well in advance (in the attached format **Annexure -2**).
7. In case, if you **intend to draw fellowship** from the project, then a certificate mentioning that you are not drawing/ will not draw any emoluments/ fellowship from any other Institute/Society/S&T/Agency/Organization while drawing this fellowship during the tenure of the project (in the enclosed format **Annexure- 3**).
8. An attested Copy of your highest Degree in Science / Engineering (Ph.D/M.E/M.Tech etc.)
9. An attested copy of school Leaving Certificate for Age proof.
10. An attested copy of certificate issued by Competent Authority in case of claiming age relaxation under any reserved categories etc.

TRUE COPY

.....2/-


Administrative Officer,
Vishwakarma Institute of Technology
Pune.



Proposal on Vortex Meter Calibration for Forbes Marshall

1. Simulation of 2 Vortex Meter Configurations: Two Configurations, as suggested by Forbes Marshall will be simulated. The results will be compared against the experimental ones. The simulation will be carried out such that the geometric parameters can be easily changed for a new configuration.

Output of Phase-I: Frequency vs. Flow rate(velocity), Strouhal No.
Duration: 9 months

2. Developing a General Code: Based on the results in Phase I, a general simulation code will be developed for a general case. The geometric and other parameters will be given as input and frequency vs Flow rate will be obtained as output.

Output of Phase II: Vortex Meter Calibration code Duration: 9 months

3. Forming an Open Source Vortex Meter Calibration Tool: Based on the results in the earlier phases, an opensource tool will be developed, so that it can be easily used by engineers.

Output of Phase III: Opensource Calibration Tool. This can be installed on the computers of Forbes Marshall. Duration: 6 months

4. **Review Process:** There will be a monthly review of the project, on a mutually convenient date.

Overall Project Duration: 2 years

Overall Project Cost : 6.0 Lakhs (+ service tax as appropriate)

Payment Schedule

Starting of Phase -I : Rs. 30,000 + service tax
End of Phase I : Rs. 1.5 Lakhs + service tax
End of Phase II : Rs. 1.2 Lakhs + service tax
End of Phase III : Rs. 3.0 Lakhs + service tax

8. Chemical

SAPTASHRUNGI ENGINEERING WORKS

MEMORANDUM OF UNDERSTANDING

between

Saptashrungi Engineering Works

and

Vishwakarma Institute of Technology
Pune, INDIA

Preamble

Saptashrungi Engineering Works, Opposite Gabril Indian Company, Pune Nashik Road, Kuruli, Near Ntb International Pvt Ltd, Pune-410501

and

Vishwakarma Institute of Technology, located at 666, Upper Indiranagar, Bibwewadi, Pune 411009, Maharashtra, India hereafter called VI, Pune,

have expressed interest to create a long-term institutional partnership in research, innovation and development of a Deployable Toilet System for the benefit of bottom billion poors.

The objective is to undertake research, design and development relating to an innovative Deployable Toilet System comprising (1) aspects related to Biogas Generation and Anaerobic digestion, affordable e-waste based toilet pot, filtration unit development for recirculation of effluent, biogas burner with the Chemical Engineering Department and (2) Septic system sensing, heating and instrumentation and control for proof of principle, proof of concept and scientific validation in controlled environment; and further PV panel enabled effluent heating with the Instrumentation Engineering Department

Scope and Funding

The following are the details:

- (i) Exchange of information and experience: Representatives of both partners should arrange regular joint meetings to exchange experiences in education and research and to prepare joint projects.
- (ii) Research, design and development upto Technology Readiness Level 6 related to Biogas Generation and Anaerobic digestion, affordable e-waste based toilet pot, filtration unit development for recirculation of effluent, biogas burner with the Chemical Engineering Department. The funding is INR . The funding is INR 17 Lakh in kind in terms of hardware, instruments, manufacturing, availing facilities, travel, transportation, tests, purchase of devices etc.





COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

Dated: 31-10-2013

No. 22(0645)/13/EMR-II
From: Head, Human Resources Development Group

To
DR SATISH R INAMDAR
DEPT OF CHEMICAL ENGG
VISHWAKARMA INST OF TECH
PUNE 411037 MAHARASHTRA

Subject: Grants-in-aid for your scheme entitled NON-CONVEX PROGRAMMING OPTIMIZATION THEORY AND APPLICATIONS IN CHEMICAL ENGINEERING

Sir,
I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

		24 Months		
I	Duration of the Scheme (from the date of Commencement)	1-RA /SRE/ JRF		
II	Staff	3 rd Year : 0		
III	Contingency (per annum in ₹)	1 st Year : 1,30,000	2 nd Year : 90,000	3 rd Year : 0
IV	Equipment (lumpsum in ₹)	4,00,000		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- DG CSIR has also approved the release of the following grants for the period 01/11/2013 to 31/03/2014

No	Grants	Amount (in ₹)
I	Staff	1,10,000
II	Contingency	54,167
III	Equipment	4,00,000
Total :		5,64,167

- Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. The grant for the 1st installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.

The expenditure is debitable to budget head P81102

Yours faithfully,

(Signature)

SECTION OFFICER (EMR-II)

No. SR/S/CE/0006/2010 (G)
 Government of India
 Department of Science & Technology
 (Vigyan Aur Prodyogiki Vibhag)

Technology Bhawan,
 New Mehrauli Road,
 New Delhi - 110016
 Dated June 27, 2011

ORDER

SUB: Financial Assistance under SERC Scheme for the Project Proposal on "Dynamic optimization and advanced control systems for control of complex chemical processes" from Dr. Satish R. Inamdar, Department of Chemical Engineering, Vishwakarma Institute of Technology, Upper Indira Nagar, Bibwewadi, Pune - 411037. Release of first installment of the grant.

Sanction of the President is hereby accorded to the above-mentioned project at a total cost of Rs. 4,86,600/- (Four lakh eighty six thousand six hundred only) with break-up of Rs. 1,13,500/- under Capital head and Rs. 3,73,100/- under General head for a duration of 2 Years. The items of expenditure for which the total allocation of Rs. 4,86,600/- has been approved for a period of 2 Years, are given below:

Sl.No.	Sanction head	1st Year	2nd Year	Total
A	Non-recurring (Capital Items)			
I	Pmt Equipment	Rs.113,500	Rs.0	Rs.113,500
	Mathematica Software and Computer			
A'	Total (Capital)	Rs.113,500	Rs.0	Rs.113,500
B	Recurring (General)			
I	Salaries	Rs.96,000	Rs.96,000	Rs.192,000
	One Project Assistant @ Rs.8,000/- pm			
II	Consumables	Rs.10,000	Rs.10,000	Rs.20,000
III	Contingency	Rs.30,000	Rs.30,000	Rs.60,000
IV	Travel	Rs.10,000	Rs.10,000	Rs.20,000
V	Over Heads(20%)	Rs.51,900	Rs.29,200	Rs.81,100
B'	Total(General)	Rs.197,900	Rs.175,200	Rs.373,100
C	Grand Total	Rs.311,400	Rs.175,200	Rs.486,600

2. 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.

(Signature)

9. Industrial Production

10. **IT** 1)Gyan Shodh - Knowledge Search Engine in Marathi Language with recognition of printed or handwritten Devanagari script as an input(NSC Proof)

Rajiv Gandhi Science & Technology Commission
Government of Maharashtra

No. RGSTC/File-2016/DPP-159/CR-20,
HutatmaRajguruChowk
Madam Cama Road,
Mantralaya, 7th floor,
Mumbai – 400 032
Tel. No. 022-22024755/22024711
E-mail:rgstcmaha@rediffmail.com
Dated :- 27th March, 2017

Sanction Order

Sub :-Project proposal entitled “Gyan Shodh – Knowledge Search Engine in Marathi Language with recognition of printed or handwritten Devanagari Script as an input”.

- Ref :-1) Project Proposal dated 29th March, 2016 received from Director, Vishwakarma Institute of Technology, Pune.
2) RGSTC Letter dated 30th December, 2016
3) E-mails dated 1st March, 11th March, 2017 and letter dated Nil from Vishwakarma Institute of Technology, Pune.

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 catalyse application of innovations in sectors like food processing, energy, water, agriculture, fisheries, industry etc. to create knowledge based society for sustained economic progress.

2. A project proposal entitled “Gyan Shodh – Knowledge Search Engine in Marathi Language with recognition of printed or handwritten Devanagari Script as an input” of 3 years duration with total estimated cost of Rs. 46.98 lakhs was received from Vishwakarma Institute of Technology, Pune, for financial support under the Scheme “Assistance for Science and Technology Applications” of the Commission. The objectives of the project is to develop knowledge search engine for primary school students for whom the medium of instructions is Marathi, to develop and open source Devanagari script system for optical character recognition for printed Marathi text and online hand written Marathi text recognition and to generate semantically coherent terms for the given keyword using ontology. The project proposal was duly processed, scrutinized and approved by the Project Appraisal Committee of the Commission with a suggestion that the institute shall recast the proposal considering possible collaboration with C-DAC and Marathi Vidnyan Parishad and discussion with science writers in Marathi. The institute was also suggested to examine any scope for reduction in the project cost, particularly in respect salary and wages.

3. The institute in response has resubmitted recast project proposal in collaboration with Marathi Vidnyan Parishad which has agreed to provide required Science Domain and Marathi Language expertise which would help in successful implementation of the project. The experts

from Marathi Vidnyan Parishad would be mainly involved in ontology building and verification. The recast project proposal of the institute is of the same 3 years duration with total estimated cost of Rs. 43.24 lakhs. However, considering extra cost of honorarium to be paid to Marathi Language and Domain Expert, it has to be reduced to certain extent keeping in view the honorarium being paid to the expert advisors appointed by the Commission. The component of the honorarium to be paid to Marathi Language and Domain Experts has been reduced to Rs. 11,26,000/- from Rs. 14,86,000/-. Considering the above background and particularly the recast project proposal of the institute in accordance with the suggestion of the PAC for collaboration with Marathi Vidnyan Parishad, Rajiv Gandhi Science and Technology Commission is pleased to sanction and release an amount of Rs. 12.78 lakhs (Rs. Twelve Lakhs Seventy Eight Thousand Only) as the first instalment out of total reduced estimated cost of Rs. 39.64 lakhs to the institute for implementation of the project. The Demand Draft shall be drawn and issued in favour of Director, Vishwakaram Institute of Technology, Pune. The institute is requested to acknowledge receipt of payment immediately.

4. The institute should constitute a review group for monitoring 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 achievements, 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 report on the project along with the Utilization Certificate and the Statement of Expenditure to enable this 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. Director, Vishwakarma Institute of Technology, 666, Upper Indiranagar, Bibwewadi, Pune - 411 037.
- ✓ 2. Dr. Mansi Patwardhan, Professor, Vishwakarma Institute of Technology, 666, Upper Indiranagar, Bibwewadi, Pune - 411 037.
3. Chairman, Marathi Vidnyan Parishad,
4. Officer on Special Duty and DDO, RGSTC.
5. Select File, RGSTC.

Copy for information to:-

6. Chairman, RGSTC.
7. Principal Secretary (IT and S&T).

2)Privacy & Integrity Preserving for in Network Aggregation in wireless sensor network.(DPP Proof)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 15ENG002207
Name of P.I. : Pawar Dipak Prakash
Contact No. (Mob.) : 7709601881 Email ID : deepak.pawar@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr: 666, Upper Indira Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : EST/PF/MCA/L/1829 (Appr.Date.: 15 Dec 2007)
Title of the Project : Privacy & Integrity Preserving for in Network Aggregation in wireless sensor network.

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2016 – 2018.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

3)Distributed predictive mental health analytics using advances in data mining(DJJ Proof)

ORDER

Sub: Financial assistance for the project titled "Distributed predictive mental health analytics of netizens using advances in data mining" under the guidance of Dr.Munasi Samarth Patwardhan,Vishwakarma Institute of Technology, 666, Upper Indira Nagar, Bibwewadi, Pune, Maharashtra-411037

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 15,09,189/- (Rupees Fifteen Lakh Nine Thousand One Hundred Eighty Nine Only) for a period of 3 years. The detailed break-up of the grant for general and capital components are given below:

BUDGET BREAK UP

General Component	Rs. 15,03,130/-
Capital Assets	Rs. 6,059/-
TOTAL	Rs. 15,09,189/-

2. The items of expenditure for which total allocation of Rs. 15,09,189/- has been approved are given below:

Sl. No.	Sanction Head	1 st Year	2 nd Year	3 rd Year	Total (Rs)
A	Non-Recurring (Capital Items)				
	LIWC-2007 (1)	6,059/-			6,059/-
	Total	6,059/-			6,059/-
B	Recurring Items (General)				
I	Manpower	3,90,000/-	3,90,000/-	3,90,000/-	11,70,000/-
	JRF(01) @ Rs.25,000/- pm + 30%HRA				
II	Consumables	13,800/-	13,800/-	13,800/-	41,400/-
III	Travel	30,000/-	30,000/-	30,000/-	90,000/-
IV	Demo/Training Programmes			65,082/-	65,082/-
V	Contingency (3% of Recurring Cost)	13,014/-	13,014/-	14,966/-	40,994/-
VI	Overheads (7% of Recurring Cost)	30,366/-	30,366/-	34,922/-	95,654/-
	Total (General)	4,77,180/-	4,77,180/-	5,48,770/-	15,03,130/-
C	Grand Total	4,83,239/-	4,77,180/-	5,48,770/-	15,09,189/-

3. Sanction of the president is also accorded to the payment of Rs. 4,77,180/- (Rupees Four Lakh Seventy Seven Thousand One Hundred Eighty only) to the Director, Vishwakarma Institute of Technology, 666, Upper Indira Nagar, Bibwewadi, Pune, Maharashtra-411037 being the first installment of grant towards the "General Component" for implementation of the said project during 2016-17.

4. This is being a new project to this organization; there is no question of getting UCs/SEs for the earlier grant of the aforesaid project proposal. There is no pending UC w.r.t the scheme/project with the organization in PFMS also.

Contd.....2

[Signature]
17/02/2017

4)“Accelerating SQL select -where queries using parallel GPU implementation”(PSD Proof)

SAVTRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001630
Name of P.I. : SHINGARE ASHWINI SHEKHAR
Contact No. (Mob.) : 9922437715 Email ID : ashwini.shingare@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCD/3896 (Appr.Date.: 19 May 2006)
Title of the Project : Accelerating SQL select -where queries using parallel GPU implementation

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

Revised Estimate For-Sanctioned University Research Grant Scheme Proposal (2014-16)

Name of Principle Investigator : SHINGARE ASHWINI SHEKHAR
P.I. Contact No. (Mob) : 9922437715 Email ID : ashwini.shingare@vit.edu
Title of Project : Accelerating SQL select -where queries using parallel GPU implementation
College Name (With address) : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Total Amount Sanctioned : Rs. 30000.00

Estimate	First	Second	Gross Total
Books and Journals	0	10,000	10,000
Chemicals and glassware	0	0	0
Contingency (including special needs)	3,000	5,000	8,000
Equipments	12,000	0	12,000
Field Work and Travel	0	0	0
Hiring Services	0	0	0
Total	15,000	15,000	30,000

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

5)“GPU Parallel Implementation of Modified K Nearest Neighbor (MKNN) Classifier for Large Datasets”(PSD Proof)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001937
Name of P.I. : LADE SANGITA GAUTAM
Contact No. (Mob.) : 9921481108 Email ID : sangita.lade@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : cco/818 (Appr.Date.: 19 Jan 2005)
Title of the Project : GPU Parallel Implementation of Modified K Nearest Neighbor (MKNN) Classifier for Large Datasets

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for ‘AVISHKAR’ research competition.

7) Design and implementation of distributed algorithm for a global, cross domain multilabel document classifier using novel knowledge based semi-supervised approach (PAB)

BCUD Research Proposal Details

Application ID	Teacher Name	YES/No	Approved Amount	Remark
15ENG001495	Preeti Abhitabh Bailke Mob.- 9881251935 Email- pabailke@gmail.com	Yes	28000	

New Proposal

Academic Year :-
 Proposal No :-
 Proposal Date :-
 Title of Research :-
 Faculty :-
 Duration of Research :-
 Current Status :-

Remove Proposal

Previous Proposal Details

Proposal No.	Area of Specialization	Project Title	Status	Estimated Amount	Approved Amount	Academic Year	Proposal Date	Faculty	Print
15ENG001495	Text Mining	Design and implementation of distributed algorithm for a global, cross domain multilabel document classifier using novel knowledge based semi-supervised approach	Approved	Rs.286000.00	Rs.28000.00	2015-2016	25 Jun 2015	Engineering	Print

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 15ENG001495
Name of P.I : Bailke Praeti Abhitabh
Contact No. (Mob.) : 9881251935 Email ID : pabailke@gmail.com
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr:
666, Upper Indira Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/282 (Appr.Date: 12 Jan 2004)
Title of the Project : Design and implementation of distributed algorithm for a global, cross domain multilabel
document classifier using novel knowledge based semi-supervised approach

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2016 – 2018.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

Revised Estimate For-Sanctioned University Research Grant Scheme Proposal (2016-18)

Name of Principle Investigator : Bailke Preeti Abhitabh
P.I. Contact No. (Mob) : 9881251935 Email ID : pabaike@gmail.com
Title of Project : Design and implementation of distributed algorithm for a global, cross domain multilabel document classifier using novel knowledge based semi-supervised approach
College Name (With address) : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwe wadi, Ta: Pune (corporation Area) Dist: Pune
Total Amount Sanctioned : Rs. 28000.00

Estimate	First	Second	Gross Total
Books and Journals	5,000	0	5,000
Chemicals and glassware	0	0	0
Contingency (including special needs)	3,000	3,000	6,000
Equipments	0	0	0
Field Work and Travel	0	6,000	6,000
Hiring Services	6,000	5,000	11,000
Total	14,000	14,000	28,000

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

8) Low Frequency Signal Analysis and Classification (PAB)

UNIVERSITY OF PUNE
Board of College and University Development

BCUD Research Project
Acceptance Letter

Proposal No : 11ENG000330
Name of P.I. : Karthick Subramanian Balasubramanian
Contact No. (Mob.) : 9822451260 Email ID : karthick.sb@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trusts Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibvevadi
T. Haveli Dist: Pune

Approval No. & Date : CCO/818
Title of the Project : LOW FREQUENCY SIGNAL ANALYSIS AND CLASSIFICATION.

- 1 I am an approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2012 - 2014.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

Manasi S. Patwardhan
A. R. C.
(Name and Signature)

Karthick
Principal Investigator
(Signature)

Dr. Manasi S. Patwardhan
Associate Professor
Dept. of Computer Engg.
V.I.T., Pune-37.

Principal
(Signature and Seal)
Vishwakarma Institute of Technology
Bibvevadi, Pune - 411 032
5/7/2012 11:33:25 AM

Page 1 of 2

B.R.A.C. TRUSTS
Bansilal Ramnath Agarwal Charitable Trusts
Vishwakarma Institute of Technology
Bibvevadi, Pune - 411 032

UNIVERSITY OF PUNE
Board of College and University Development

01/5/12

AB

9) Evaluation of performance improvement strategies of supervised learning techniques applied in intrusion detection system) (NZZ, PSD)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001225
Name of P.I. : TARAPORE NOSHIR ZAL
Contact No. (Mob.) : 9326850144 Email ID : noshir.tarapore@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/4514 (Appr.Date.: 21 Sep 2006)
Title of the Project : Evaluation of Performance Improvement Strategies of Supervised Learning Techniques applied in Intrusion Detection Systems

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

11. Computer

To,

Date: 20/03/2015

Mr. Sandeep Sarin
Advisor (RFD),
All India Council for Technical Education,
3rd Floor, East Tower, NBCC Place,
Bhisham Pitahma Marg, Pragati Vihar, Lodhi Road,
New Delhi- 110003.

Sub: Submission of completion report for the work undertaken for the research grant under Research Promotion Scheme (RPS) (Ref No. 8023/RID/RPS-161(Pvt.)/2011-12) and requesting issue of completion certificate

Respected Sir,

We the principal investigator and co- investigator of the research project titled "Framework for Automation of Educational Data Storage, Accreditation and Prediction (AEDSAP)" have completed the undertaken research work successfully. We received the research grant of Rs. 6,50,000 (Rupees Six Lakhs Fifty Thousand Only) sanctioned under the RPS scheme (Ref No. 8023/RID/RPS-161(Pvt.)/2011-12) through RTGS on 10/02/2012. We worked on the research project from year 2012-2013 onwards.

We are herewith attaching the yearwise utilization certificates along with the necessary documents. Also, a demand draft drawn in the name of 'The Member Secretary AICTE Delhi' of the unspent amount from the grant of Rs. 19,980/- [Rs. Ten Thousand and Eighty only] dated 24/03/2015 is attached herewith.


We request you to kindly acknowledge the receipt of the completion report and let us know the further process to be followed if required in order to issue the completion certificate. We also look forward for further association with AICTE through more research projects in future.


We take this opportunity to thank you as well as AICTE for giving us a chance to work on the project and providing the necessary support required during its completion.

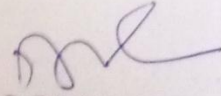
We request you to kindly issue the completion certificate at the earliest.

Thanking you,

Yours Sincerely,


Dr. M. S. Patwardhan
Principal Investigator and
Professor,
Computer Engineering Department,
Vishwakarma Institute of Technology,
Pune 37, Maharashtra


Mrs. P. A. Bailke
Co-Investigator and
Assistant Professor,
Computer Engineering Department,
Vishwakarma Institute of Technology,
Pune 37, Maharashtra


Prof. Dr. Rajesh Jainekar,
Director,
Vishwakarma Institute of
Technology,
Pune 37, Maharashtra

Set of attachments:
Utilisation Certificates
Copies of Invoices
Quotations
Previous correspondence with AICTE
Research Publications



M.S. Patwardhan

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG000888
Name of P.I. : DHORE MANIKRAO LAXMANRAO
Contact No. (Mob.) : 9421052850 Email ID : manikrao.dhore@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/253 (Appr.Date.: 17 Jan 2003)
Title of the Project : Hindi and Marathi to English Named Entity Machine Transliteration Using Metrical Approach

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

Prof. Dr. M. L. Dhore's Grant Proof

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001630
Name of P.I. : SHINGARE ASHWINI SHEKHAR
Contact No. (Mob.) : 9922437715 Email ID : ashwini.shingare@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/3896 (Appr.Date.: 19 May 2006)
Title of the Project : Accelerating SQL select -where queries using parallel GPU implementation

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

Mrs. A. S. Shingare's Grant Proof

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001937
Name of P.I. : LADE SANGITA GAUTAM
Contact No. (Mob.) : 9921481108 Email ID : sangita.lade@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : cco/818 (Appr.Date.: 19 Jan 2005)
Title of the Project : GPU Parallel Implementation of Modified K Nearest Neighbor (MKNN) Classifier for Large Datasets

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

Mrs. S.G. Lade's Grant Proof

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001204
Name of P.I. : GOKHALE PRASAD KISHOR
Contact No. (Mob.) : 9823388933 Email ID : prasad.gokhale@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/481 (Appr.Date.: 15 Dec 2007)
Title of the Project : Facilitating Mobile Phone handling for Visually Impaired: Multi touch screen based Virtual Braille approach

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2014 – 2016.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

Prof. Dr. P. K. Gokhale's Garnt Proof

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 14ENG001225
Name of P.I. : TARAPORE NOSHIR ZAL
Contact No. (Mob.) : 9326850144 Email ID : noshir.tarapore@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indira Nagar, Bibwewadi,
Ta: Pune (corporation Area) Dist. Pune
Approval No. & Date : CCO/4514 (Appr. Date: 21 Sep 2006)
Title of the Project : Evaluation of Performance Improvement Strategies of Supervised Learning Techniques
applied in Intrusion Detection Systems

1. I am permanent approved teacher of College/ University as mentioned above.
2. The research project is not being supported by any other funding agency.
3. The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
4. Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time.
5. At present, I have no research project approved under University Research Grant Scheme by University of Pune.
6. The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
7. The period of implementation of the project is -2014 – 2016.
8. I will guide at least two students for 'AVISHKAR' research competition.

Mr. N. Z. Tarapore's Grant proof

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
4th Floor, East Tower, N B C C Place, Bisham Pitamah Marg,
Pragati Vihar, New Delhi-110003

Ref. No : 8-180/RIFD/RPS/POLICY-1/2014-15

March 16, 2015

The Drawing and Disbursing Officer
All India Council for Technical Education
7TH Floor, Chandralok Building,
Connaught Place, New Delhi – 110 001.

Sub: Release of Grants under Research Promotion Scheme (RPS) Scheme during the financial year 2014-15.

Sir,

This is to convey the sanction of the Council for payment of Rs.635294/- (Rupees Six Lakh ThirtyFive Thousand Two Hundred NinetyFour Only) for the financial year 2014-15 under the Research Promotion Scheme (RPS) as Grant-in-aid for meeting the expenditure for implementing the Scheme in order to create & update general research capabilities, as per details given below:

1.	Name of the Beneficiary Institution (University / College / Institution)	: VISHWAKARMA INSTITUTE OF TECHNOLOGY 666, UPPER INDIRANAGAR, BIBWEWADI, MAHARASHTRA-411037.
2.	Principal investigator's Name & Deptt./Course	: MANASI PATWARDHAN COMPUTER SCIENCE AND ENGINEERING
3.	Grant-in-aid Sanctioned	: Rs.705882/- [Rs.600000/- for non-recurring and Rs.105882/- for recurring expenditure]
4.	Amount to be Released during the year 2014-15 (100% of non-recurring and 1/3 rd of recurring expenditure of year 1 remaining recurring in year 2 and 3)	: Non Recurring : Rs. 600000/- Recurring (1 st Year): Rs.35294/- Total : Rs.635294/-
5.	Approved Duration	: 3 Years (Three Years)
6.	Title of the Project	: Recognition of facial expression in real time environment for online interactive learning system

1. The sanctioned grant-in-aid is debatable to the major "601.1(a) RPS" (Gen.) and is valid for payment for the financial year 2014-15.
2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of Director/Registrar/ Principal, VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER INDIRANAGAR, BIBWEWADI, MAHARASHTRA-411037 through RTGS.
3. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/Director/Registrar shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior the issuance of the approval letter is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse.

Contd...2/-

Dy DDO
ADD

17.3.15

12. Instrumentation

University of Pune



Telephone Nos :

25691233

25601258

25601259

ACADEMIC SECTION
Ganeshkhind, PUNE-411 007

Telegraph : 'UNIPUNE'

E-mail : dyracademic@unipune.ernet.in

Ref. No. : BUTR/Engg./1801-390

Date : 9.6.2011

To,
Dr.Kulkarni Jayant Venkatrao
Vishwakarma Institute of
Technology Pune.

Subject : Recognition as a Ph.D. Guide.

Sir/Madam,

Referring to your application for Recognition as a Ph.D. Guide of this University, I am directed to inform you that the University authorities have been pleased to recognize you as a Ph.D. Guide of University of Pune, under the provision of Section 36A of the Maharashtra University Act, 1994.

The details of your recognition are as under :

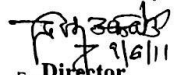
1. You have been recognized for guiding Maximam eight Ph.D. Students including all universities in the subject of **Instrumentation Engineering** for a period of eight years with effect from **20/4/2011 to 19/4/2019.**

I am further directed to inform you that, if you are not a full-time teacher in the University Department/Affiliated College / Institute recog. ized by the University of Pune, you shall be required to apply again for recognition giving the details of your previous recognition and independent research work, publications etc., for considering the question of grant of continuation recognition to you. Needless to say that the recognition granted to you is always subject to the terms and conditions prescribed by the University, time to time, in this behalf.

Please contact this office within fifteen days for correction in the approval if any.

Thanking you,

Yours faithfully,


For Director
(B.C.U.D.)

Copy fwcs to :

- 1.The Dean, Faculty of Engineering.
- 2.The Principal, Vishwakarma Institute of Technology Pune.
- 3.The Dy. Registrar (Admissions), University of Pune, Pune- 411 007.

ENTERED IN SERVICE BOOK

P.N

University of Pune

Telephone Nos. :

020- 25691233

25601258

25601259



ACADEM
Ganeshkhind, PUNE

Telegraph

Fax

Website : www

e-mail : dyracademic@

Ref. NoBUTR/Engg/61-55

Date : 1

To,

✓ Shri. Maghade Dilip Kisan
Vishwakarma Institute of Technology,
Pune-411 037

Subject : Recognition as a P.G. Teacher/M.E./Ph.D. Guide.

Sir/Madam,

Referring to your application for Recognition as a Post-graduate Teacher of this University directed to inform you that the University authorities have been pleased to recognize you as a Post-graduate teacher of University of Pune, under the provision of Section 36A of the Maharashtra University Act, 1956.

The details of your recognition are as under :


1. You have been recognized as a Post-Graduate teacher (by Papers) in subject of **Instrumentation Engineering** for a period of five years with effect from **31/3/2009 to 30/3/2014**.

I am further directed to inform you that, if you are not a full-time teacher in the Department/Affiliated College / Institute recognized by the University of Pune, you shall be required to re-apply again for recognition giving the details of your previous recognition and independent research publications etc., for considering the question of grant of continuation recognition to you. Note that the recognition granted to you is always subject to the terms and conditions prescribed by the University from time to time, in this behalf.

Please contact this office within fifteen days for correction in the approval if any.

Thanking you,

Yours faithfully,


For **Director**
(B.C.U.D.)

Copy fwcs to :



ENG71600875

- iii) a) If the affiliation/Recognition granted by the university to the said Post Graduate gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.
- b) In case of research Institute, it should be recognized by the University for which you are recognized as Ph.D Research Guide.
If the recognition granted by the University to your Research Institute gets over then your recognition as an Ph.D Research Guide will be treated as cancelled from the date on which the recognition to your Research Institute gets over.
- iv) In case of those Ph.D Guides whose length of service as a regular faculty is not more than two years, in such cases it is essential for them to take a Co-Guide whose length of service as a regular faculty should not be less than five years and the Co-Guide should be approved Ph.D Guide of Savitribai Phule Pune University.
- v) No fresh Ph.D 'Research Students' should be registered with you as Research Guides whose length of service as a regular faculty is not more than two years.

In addition to the above conditions, it is essential to mention the name of 'Savitribai Phule Pune University' in author's address in the Publications made by you and your students.

Recognition granted to you is always subject to the terms and conditions prescribed by the University and U.G.C. New Delhi from time to time, in this behalf.

If any correction in the recognition letter then please contact this office within fifteen days from the date of receipt of this letter.

Thanking you.

Yours Sincerely,

Deputy Registrar
(Academic Section)

Copy fwcs to :

1. The Dean, Faculty of Engineering.
2. The Principal / Director/Head, Bansilal Ramnath Agarwal Charitable Trust's, Vastu Institute of Technology, 666 Upper Indira Nagar Bibwewadi, Pune-411 037.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 004.



ENG71600875

Savitribai Phule Pune University

(Formerly University of Pune)



Telephone No: 25601258/1259

E-mail : boards@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233

ACADEMIC SECTION
Ganeshkhind, PUNE-

Date: 25 /

Ref. No: BUTR/Engineering/07/2-3

To

Dr. Dilip Kisan Maghade
Bansilal Ramnath Agarwal Charitable
Trust's, Vishwakarma Institute of
Technology, 666 Upper Indira Nagar
Bibwewadi, Pune-411 037

Subject : Recognition as a Post Graduate Teacher & Ph.D.Guide

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher & of Savitribai Phule Pune University, I am directed to inform you that the University authority has been pleased to recognize you as a Post Graduate Teacher & Ph.D.Guide of this University under the provision of Section 36A of the Maharashtra Universities Act, 1994.

The details of your recognition are as under :

1. You have been recognized as a **Post- Graduate Teacher (by Papers)** in the **Instrumentation Engineering** with effect from **25-02-2017** to till your superannuation or you are ceased to be in service of the Affiliated Colleges/ Institute / Research Institute from where you had applied for the recognition as Post Graduate Teacher.
2. You have been recognized to guide **Ph. D.** Scholars in the subject of **Instrumentation Engineering** for the period of eight (8) years with effect from **25-02-2017** to till your superannuation with following particulars;
 - i) Eight (8) Ph. D. Scholars, if you are a Professor.
 - ii) Six (6) Ph.D. Scholars, if you are an Associate Professor.
 - iii) Four (4) Ph.D. Scholars, if you are an Assistant Professor.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the university and University Grants Commission, (UGC) New Delhi from the time in this behalf:

- i) Ph.D Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations
- ii) If you have made the application for Ph.D Research Guideship in an Affiliated College/ Recognized Institute/Research Institute, where you are

Elex

Officer on Special Duty BCUD, UoP <osd.bcud@gmail.com>

3:14 PM (23 minutes ago)

to director, Mansi, manikrao.dhore, prasad.gokhale, noshir.tarapore, sangita.lade, ashwini.shinga.,

Sir /Madam,

Its pleasure to inform you that 1st installment of the sanctioned research project under 'University research grant scheme' sponsored through BCUD, Savitribai Phule Pune University, Pune grant has been released. The Project period will be two years from the sanctioned date of the proposal. The audit of the 1st installment will be conducted in month of January 2016. Therefore you are informed to utilize the 1st installment on or before the 31st December 2015. The Principal Investigator should utilize the research grant as per the rules.
Regards and Best wishes,

Sr. No.	Clg. No.	College Name	Teacher Name	Sanction Amount	1st Install. Amt.	Cheque Amt.	Cheque No.
62	17	Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr: 666, Upper Indra Nagar, Bibewewadi, Pune	Dhore Manikrao Laxmanrao	90,000	45,000	875,000	163537
63			Gokhale Prasad Keshor	200,000	100,000		
64			Tarapore Noshir Zal	120,000	60,000		
65			Lade Sangta Gautam	30,000	15,000		
66			Shingare Ashwini Shekhar	30,000	15,000		
67			Patwardhan Milind Manohar	190,000	95,000		
68			Gakwad Vjay Dattatray ✓	200,000	100,000		
69			Mahajan Chandrashekhar Madhavrao	240,000	120,000		
70			Mhetre Manisha Rajesh	150,000	75,000		
71			Chippa Shrinwas Pandurang	120,000	60,000		
72			Nalawade Mukund Kerba	120,000	60,000		
73			Sant Kedar Damodar	150,000	75,000		
74			Dongre Ganesh Govardhan	110,000	55,000		

Dr. Ravindra Jaybhaye
OSD, BCUD,
Savitribai Phule Pune University,
Pune-411007
Phone No -020-25601263

ENTC

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

University Research Grant Scheme

Acceptance Letter

Proposal No : 15E2G601599
Name of P.I. : Indira Rajesh Madhukar
Contact No. (Mob.) : 9551544409 Email ID : director@vit.edu
College/ Institute : Basiraj Bhamburda Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr:
656, Upper Indira Nagar, Shivajinagar, Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/202 (Appr. Date: 14 Nov 2019)
Title of the Project : Study of Natural and Synthetic Sound Signal Parameters for correlating Manifested Human
Heads Parameters with Biomedical Signals

1. I am permanent approved teacher of College/ University as mentioned above.
2. The research project is not being supported by any other funding agency.
3. The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
4. Expenditure Will be incurred as per University Rates and Utilization and Progress Report Will be submitted in time.
5. At present, I have no research project approved under University Research Grant Scheme by University of Pune.
6. The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
7. The period of implementation of the project is -2016 -2018.
8. I will guide at least two students for 'AVISHKAR' research competition.



A.R.C.
A.R.C.
(Name and Signature)

26/11/19

[Signature]
Principal Investigator
(Signature)



[Signature]
Principal
(Signature and Seal)

SAVITRIBAI PHULE PUNE UNIVERSITY
Board of College and University Development

Sanction Estimate For State-Sponsored University Research Grant Scheme Proposal (2015-16)

Name of Principal Investigator: **Indira Rajesh Mulikarane**
 P.L. Contact No. (0606): **952544484** Email ID: **irajesh@vsnl.com**
 Title of Project: **Study of Natural and Synthetic Sound Signal Parameters for correlating Manifested Human Health Parameters with Biomedical Signals**
 College Name (With address): **Basical Research Advanced Certificate Trade's Vishwakarma Institute of Technology**
 Add: 500, Upper Indira Nagar, Indorewadi, Ta. Pimpri (near Pimpri Chinchwad) Dist. Pune
 Total Amount Sanctioned: **Rs. 100000.00**

Estimate	First	Second	Grand Total
Books and Journals	5,000	5,000	10,000
Chemicals and glassware	0	0	0
Contingency (including special work)	15,000	15,000	30,000
Equipment	30,000	30,000	60,000
Field Work and Travel	10,000	10,000	20,000
Hiring Services	10,000	10,000	20,000
Total	80,000	80,000	160,000

(Handwritten Signature)
A. R. C.
(Name and Signature)

(Handwritten Signature)
Principal Investigator
(Signature)
(Handwritten Signature)
Principal
(Signature and Seal)

8/20/2016 11:08:29 AM

Fwd: SPPU RPS Research Grant

From: **manasi.potwardhan <manasi.potwardhan@vit.edu>** Mon, Aug 22, 2016 at 2:28 PM
 To: **ulka.tambe <ulka.tambe@vit.edu>**
 PFA,
 Prof. Dr. Manasi S. Potwardhan
 Professor and Head, Department of Computer Engineering (Dean, R&D and Industry Relations)
 Vishwakarma Institute of Technology (Bibwewadi, Pune 411037)
 Mobile No: 9545458834 | Office No: 91-20-24202210 / 91-20-24202110 |
 E-mail: manasi.potwardhan@vit.edu

----- Forwarded message -----
 From: **manasi.potwardhan <manasi.potwardhan@vit.edu>**
 Date: Sat, Aug 20, 2016 at 9:15 AM
 Subject: **SPPU RPS Research Grant**
 To: **teachingstaff@vit.edu**

Dear all,
 I am happy to announce that the research grant under SPPU RPS scheme is sanctioned for the following faculty members. We have total 11 projects sanctioned and the total amount of grants received is Rs. 13.7 Lakhs.

Congratulations to all the PIs and CO-PIs.

Sr. No.	Names of PI and CO-PI	Title of the project	Amount Sanctioned
1	Prof. (Dr.) R.M. Jaijekar Prof. (Smt.) P.A. Kulkarni	Study of Natural and Synthetic sound Signal Parameters for correlating Manifested Human Health Parameters with Biomedical Signals	1.6
2	Prof. (Smt.) Preeti A. Balke, Prof. (Smt.) A.S. Shingare	Design and implementation of distributed algorithm for a global, cross domain multilabel document classifier using novel knowledge based semi-supervised approach	0.28
3	Prof. (Smt.) R.S. Deshpande	Wavelets: Group Theoretic Approach, Properties and Applications	1.9



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Board Of College & University Development

Research Online



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Proposal Details

Academic Year	: 2013-2015
Proposal No.	: 14ENG001235
Proposal Date	: 04 Apr 2014
Title of Research	: Low-Cost High-Tech Educational Robot as Teaching Aid
Faculty	: Engineering
Duration of Research	: 24 Months
Current Status	: Approved , Approved Amount Rs.190000.00

Edit Estimation Amount

(Note:- Please enter the revised budget amount as per newly approved amount for the two years. The total of each year should be equal for two years.)

(Note:- Amount must be numeric. E.g. 10)


Proposal No.	Application Academic Year	Year	Items	Estimation Amount(Rs.)
14ENG001235	2013-2015	1	Books and Journals	<input type="text"/>
14ENG001235	2013-2015	2	Books and Journals	<input type="text"/>
14ENG001235	2013-2015	1	Chemicals and glassware	<input type="text"/>
14ENG001235	2013-2015	2	Chemicals and glassware	<input type="text"/>
14ENG001235	2013-2015	1	Contingency (including special needs)	<input type="text"/>
14ENG001235	2013-2015	2	Contingency (including special needs)	<input type="text"/>
14ENG001235	2013-2015	1	Equipments	<input type="text"/>
14ENG001235	2013-2015	2	Equipments	<input type="text"/>

14ENG001235	2013-2015	1	Field Work and Travel	<input type="text"/>
14ENG001235	2013-2015	2	Field Work and Travel	<input type="text"/>
14ENG001235	2013-2015	1	Hiring Services	<input type="text"/>
14ENG001235	2013-2015	2	Hiring Services	<input type="text"/>

- 1) Mobile Tele-ophthalmology: Development of a low-cost screening tool for diabetic retinopathy in rural India(Funded by BCUD, SPPU)


BY Prof. Vijay Mane

8/10/2016 BCUD Research Online



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Board Of College & University Development

Research Online



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BCUD Research Proposal Details

Application ID	Teacher Name	YES/No	Approved Amount	Remark
15ENG001236	Vijay Mahadeo Mane Mob.- 9822550134 Email- vijay.mane@vit.edu	Yes	150000	

Proposal Details

Important Notice

Note : You cannot change proposal details after you click on print button.

Academic Year : 2015-2016
 Proposal No. : 15ENG001236
 Proposal Date : 24 Jun 2015
 Title of Research : Mobile Tele-ophthalmology: Development of a low cost screening tool for diabetic retinopathy in rural India
 Faculty : Engineering
 Duration of Research : 24 Months
 Current Status : **Approved , Approved Amount [Rs.150000.00]**

(Note:- If your college has not cleared the reaserch proposal audit details for the year 2006,2007,2008,2009 then even if your project is sanctioned,you will not be entitled to receive the sanctioned amount.)

8/10/2016 BCUD Research Online

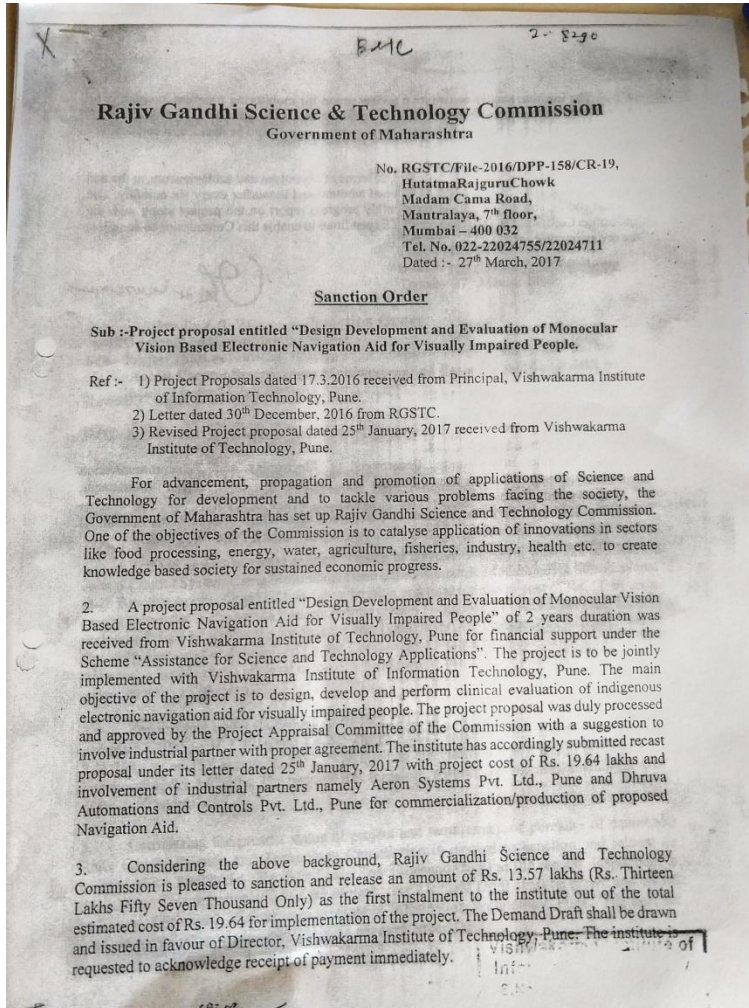
Previous Proposal Details

Previous Proposal Details									
Proposal No.	Area of Specialization	Project Title	Status	Estimated Amount	Approved Amount	Academic Year	Proposal Date	Faculty	Print
15ENG001236	embedded systems, image processing and communication.	Mobile Tele-ophthalmology: Development of a low cost screening tool for diabetic retinopathy in rural India	Approved	Rs.184000.00	Rs.150000.00	2015-2016	24 Jun 2015	Engineering	Print

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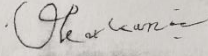
- 2) Design, Development and Evaluation of monocular vision based electronic navigation aid for visually impaired people(Funded by Rajiv Gandhi Science and Technology Commission)

By Prof. Dr. Shripad Bhatlawande



4. The institute should constitute a review group for monitoring 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 achievements, 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 report on the project along with the Utilization Certificate and the Statement of Expenditure to enable this 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. Director, Vishwakarma Institute of Technology, 666, Upper Indiranagar, Bibewadi, Pune - 411 037.
2. Principal, Vishwakarma Institute of Information Technology, Survey No. 2/3/4, Kondhwa (bk), Pune 411 048.
3. Dr. Shirpad Bhatlawande, Department of Electronics and Telecommunication Engineering, Vishwakarma Institute of Technology, 666, Upper Indiranagar, Bibewadi, Pune - 411 037.
4. Dr. Karlas R. Patil, Department of Computer Engineering, Vishwakarma Institute of Information Technology, Survey No. 2/3/4, Kondhwa(bk), Pune - 411 048.
5. Officer on Special Duty and DDO, RGSTC.
6. Select File, RGSTC.

Copy for information to:-

7. Chairman, RGSTC.
8. Principal Secretary (IT and S&T).

- 3) Design and Development of Mobility Assistive Electronic System for Visually Impaired People(Funded by BCUD, SPPU)
Prof. Dr. Shripad Bhatlawande

SAVITRIBAI PHULE PUNE UNIVERSITY
Board of College and University Development
University Research Grant Scheme
Acceptance Letter

Proposal No : 15ENG002292
Name of P.I. : Bhatlawande Shripad Subhashrao
Contact No. (Mob.) : 7030417144 Email ID : shripad.bhatlawande@vit.edu
College/ Institute : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology Addr: 666,
Upper Indra Nagar, Bibwewadi, Ta: Pune (corporation Area) Dist: Pune
Approval No. & Date : CCO/8/8 (Appr.Date.: 19 Jan 2005)
Title of the Project : Design and Development of Mobility Assistive Electronic System for Visually Impaired People.

- 1 I am permanent approved teacher of College/ University as mentioned above.
- 2 The research project is not being supported by any other funding agency.
- 3 The terms and conditions related to the grant are acceptable to the Principal Investigator and College/Institution.
- 4 Expenditure Will be Incurred as per University Rules and Utilization and Progress Report Will be submitted in time
- 5 At present, I have no research project approved under University Research Grant Scheme by University of Pune.
- 6 The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
- 7 The period of implementation of the project is -2016 – 2018.
- 8 I will guide at least two students for 'AVISHKAR' research competition.

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

SAVITRIBAI PHULE PUNE UNIVERSITY

Board of College and University Development

Revised Estimate For-Sanctioned University Research Grant Scheme Proposal (2016-18)

Name of Principle Investigator : Bhatlawade Shripad Subhashrao
P.I. Contact No. (Mob) : 7030417144 Email ID : shripad.bhatlawade@vit.edu
Title of Project : Design and Development of Mobility Assistive Electronic System for Visually Impaired People.
College Name (With address) : Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology
Addr: 666, Upper Indra Nagar, Bibwewadi, Ta. Pune (corporation Area) Dist: Pune
Total Amount Sanctioned : Rs. 150000.00

Estimate	First	Second	Gross Total
Books and Journals	10,000	5,000	15,000
Chemicals and glassware	0	0	0
Contingency (including special needs)	5,000	5,000	10,000
Equipments	55,000	40,000	95,000
Field Work and Travel	5,000	5,000	10,000
Hiring Services	0	20,000	20,000
Total	75,000	75,000	150,000

Handwritten notes: ~~Shripad~~ Shripad

Handwritten notes: 600, PA, LHA, P

A. R. C.
(Name and Signature)

Principal Investigator
(Signature)

Principal
(Signature and Seal)

6)Gyan Shodh - Knowledge Search Engine in Marathi Language with recognition of printed or handwritten Devnagari script as an input.(Funded by Rajiv Gandhi Science and Technology Commission)

By Prof.Swati Shilaskar

Rajiv Gandhi Science & Technology Commission
Government of Maharashtra

No. RGSTC/File-2016/DPP-159/CR-20,
HutatmaRajguruChowk
Madam Cama Road,
Mantralaya, 7th floor,
Mumbai – 400 032
Tel. No. 022-22024755/22024711
E-mail:rgstemaha@rediffmail.com
Dated :- 27th March, 2017

Sanction Order

Sub :-Project proposal entitled "Gyan Shodh – Knowledge Search Engine in Marathi Language with recognition of printed or handwritten Devanagari Script as an input".

- Ref :-1) Project Proposal dated 29th March, 2016 received from Director, Vishwakarma Institute of Technology, Pune.
2) RGSTC Letter dated 30th December, 2016
3) E-mails dated 1st March, 11th March, 2017 and letter dated Nil from Vishwakarma Institute of Technology, Pune.

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 catalyse application of innovations in sectors like food processing, energy, water, agriculture, fisheries, industry etc. to create knowledge based society for sustained economic progress.

2. A project proposal entitled "Gyan Shodh – Knowledge Search Engine in Marathi Language with recognition of printed or handwritten Devanagari Script as an input" of 3 years duration with total estimated cost of Rs. 46.98 lakhs was received from Vishwakarma Institute of Technology, Pune, for financial support under the Scheme "Assistance for Science and Technology Applications" of the Commission. The objectives of the project is to develop knowledge search engine for primary school students for whom the medium of instructions is Marathi, to develop and open source Devanagari script system for optical character recognition for printed Marathi text and online hand written Marathi text recognition and to generate semantically coherent terms for the given keyword using ontology. The project proposal was duly processed, scrutinized and approved by the Project Appraisal Committee of the Commission with a suggestion that the institute shall recast the proposal considering possible collaboration with C-DAC and Marathi Vidnyan Parishad and discussion with science writers in Marathi. The institute was also suggested to examine any scope for reduction in the project cost, particularly in respect salary and wages.

3. The institute in response has resubmitted recast project proposal in collaboration with Marathi Vidnyan Parishad which has agreed to provide required Science Domain and Marathi Language expertise which would help in successful implementation of the project. The experts

from Marathi Vidnyan Parishad would be mainly involved in ontology building and verification. The recast project proposal of the institute is of the same 3 years duration with total estimated cost of Rs. 43.24 lakhs. However, considering extra cost of honorarium to be paid to Marathi Language and Domain Expert, it has to be reduced to certain extent keeping in view the honorarium being paid to the expert advisors appointed by the Commission. The component of the honorarium to be paid to Marathi Language and Domain Experts has been reduced to Rs. 11,26,000/- from Rs. 14,86,000/-. Considering the above background and particularly the recast project proposal of the institute in accordance with the suggestion of the PAC for collaboration with Marathi Vidnyan Parishad, Rajiv Gandhi Science and Technology Commission is pleased to sanction and release an amount of Rs. 12.78 lakhs (Rs. Twelve Lakhs Seventy Eight Thousand Only) as the first instalment out of total reduced estimated cost of Rs. 39.64 lakhs to the institute for implementation of the project. The Demand Draft shall be drawn and issued in favour of Director, Vishwakarma Institute of Technology, Pune. The institute is requested to acknowledge receipt of payment immediately.

4. The institute should constitute a review group for monitoring 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 achievements, 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 report on the project along with the Utilization Certificate and the Statement of Expenditure to enable this 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. Director, Vishwakarma Institute of Technology, 666, Upper Indiranagar, Bibwewadi, Pune - 411 037.
2. Dr. Mansi Patwardhan, Professor, Vishwakarma Institute of Technology, 666, Upper Indiranagar, Bibwewadi, Pune - 411 037.
3. Chairman, Marathi Vidnyan Parishad,
4. Officer on Special Duty and DDO, RGSTC.
5. Select File, RGSTC.

Copy for information to:-

6. Chairman, RGSTC.
7. Principal Secretary (IT and S&T).

9.Desh