



## SHIVAJI UNIVERSITY, KOLHAPUR - 416 004

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Website : [www.unishivaji.ac.in](http://www.unishivaji.ac.in)

शिवाजी विद्यापीठ, कोल्हापुर, ४१६ ००४

फोन नं. इण्डीकॉम. २६०९००० पोजी प्रवेश २६०९१४२ फैक्स नंबर ९१.२३१.२६९१५३३ व २६९२

email: pgadmission@unishivaji.ac.in

संदर्भ क्र.शिवाजी वि./पदव्युत्तर प्रवेश/ 1579

दि. २९/५/२०१७

प्रति,

मा. प्राचार्य/संचालक,  
सर्व संलग्नित महाविद्यालये,  
शिवाजी विद्यापीठ, कोल्हापुर

### विषय :— Research Promotion Activity for students of the affiliated colleges/institutions

महोदय/महोदया,

उपरोक्त विषय संदर्भात पदवी स्नातकोत्तर विद्यार्थ्यांमध्ये संशोधन वाहीस चालना  
मिळायाच्या दृष्टीकोनातून विविध स्नातक विद्यार्थ्यांना विविध उपक्रम देवून त्यांच्यातील  
संशोधनवृत्तीमध्ये वढव करण्याच्या उद्देश्याने विद्यापीठामार्फत Research Promotion Activity  
for students of the affiliated colleges/institutions ही योजना नव्याने सुरु करण्यात आलेली  
आहे. सदर योजनेची मागेट्रिक तत्व सोबत जोडलेली आहे.

तरी आपल्या महाविद्यालयामार्फत सदरची योजना चांगल्या प्रकारे राबविण्यात येवून  
विद्यापीठास सहकार्य करावे ही विनंती.

आपला विश्वास,

Gaurav  
कुलसाहित 24/5

forwarded  
Gaurav  
21/5/17  
copy to All HODs

forwarded to,  
Ms. S. S. Lad  
Bhavne  
5/6/2017

SANJEEVAKA ENGG. & TECH. INST. PANHALA	
Inward No.	292
Date.	2/6/17
Remark	All HOD
Sign	P

Shivaji University, Kolhapur

## RESEARCH SENSITIZATION SCHEME FOR COLLEGE STUDENTS

Application for the Financial Support to Research Project

(to be submitted to the Lead College)

1.	Name of the College/Institute	Sanjeevan Engineering & Technology Institute Panhala.
2.	Names of the students (upto four)	i) Kavita Vishwas Darwagh ii) Komal Vijay Shinde iii) Arvind Mahadev Thorvat iv)
3.	Title of the Project	Anesthesia Administering Machine for small scale surgery.
4.	Area of research project/subject	Biomedical Electronics -Instrumentation
5.	Details of the research project	Low cost anesthesia injector based on arduino using blood pressure sensor and Temperature sensor
	(i) Problems and its importance	To be attached on separate pages
	(ii) Objectives	Please see attachment.
	(iii) Methodology	
	(iv) Projected output	
	(v) Financial requirements( up to Rs. 10000/-)	Rs. 10,000/-
6.	Any other information, if any	To be attached on separate page(s)

Name and signature of the Project Advisor

Mr. Suryaj Neminath Shinde.



*S. Shinde*  
PRINCIPAL  
Sanjeevan Engg. & Tech. Institute  
Ganesh Path, Panhala, Dist. Kolhapur, (M.S.)

Names and signature of students

- (i) Ms. Kavita Vishwas Darwagh.  
*K. Darwagh*
- (ii) Ms. Komal Vijay Shinde.  
*K. Shinde*
- (iii) Mr. Arvind Mahadev Thorvat.  
*A.M. Thorvat*

Forwarded through Principal/Director

*Received  
S. Shinde  
19/1/17*



Holy-wood Academy, Kolhapur's  
**SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE**

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur

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■ Approved By AICTE - New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to Shivaji University, Kolhapur

Website : [www.seti.edu.in](http://www.seti.edu.in) Email : principal@seti.edu.in / office@seti.edu.in

**EN 6315**

Ref No. SETI / ETC / 2018 / 50

**UTILIZATION CERTIFICATE**

The final year student's project of Department of ETC Engineering of Sanjeevan Engineering and Technology Institute, Panhala entitled "**Automatic Anesthesia Administration System for Small Scale Surgery**" has been selected for Research Sensitization Scheme for college students under Lead College Activity of Shivaji University, Kolhapur. For this project work, students has already paid amount required for materials, travelling, report preparation etc. In this scheme, Lead College, Shivaji University, Kolhapur will pay Rs. 10000/- (Rs. Ten Thousand only) after completion of this project work.

The expenditure incurred of Rs. 10000/- (Rs. Ten Thousand only) receivable from the Lead College, Shivaji University. (In case of advance is not taken).

This is certify that the original vouchers/bills and stamped receipt for the above mentioned statements of A/c are retained in this office and will be made available and when required.

Place: Panhala

Date-07/02/2018

*G. Shinde*  
PRINCIPAL  
Sanjeevan Engg. & Tech. Institute  
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

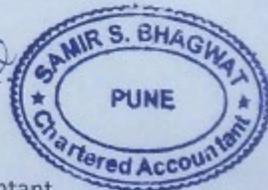
Certified that the expenditure mentioned in receipt and payment A/C has been scrutinized as per existing rules and regulations and found correct.

Place: Kolhapur

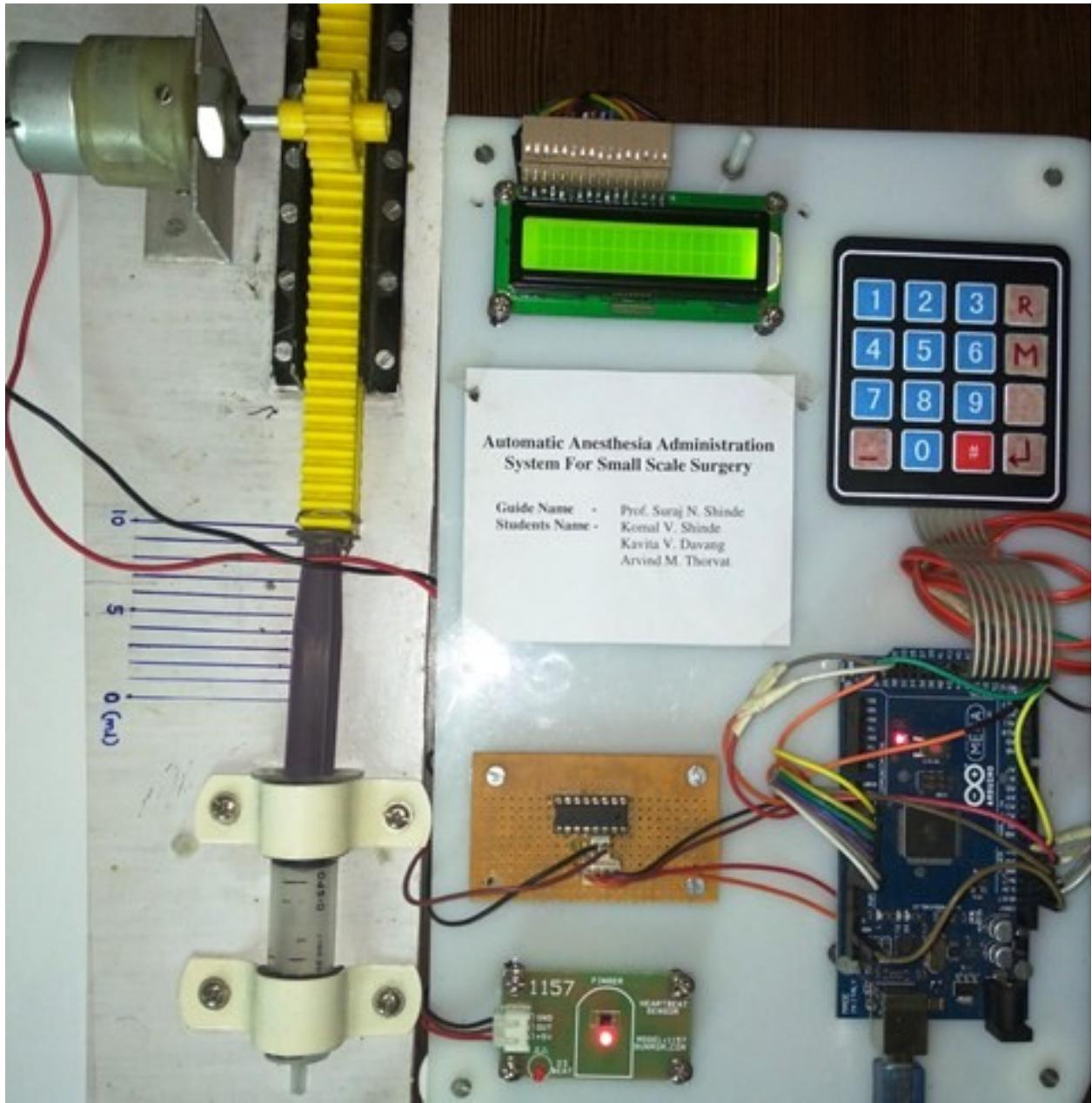
Date-07/02/2018



*Geetika Joshi*  
Chartered Accountant







**Photographs of Actual Project after Completion**