

**GRANTS RECEIVED FROM GOVERNMENT AND NON-
 GOVERNMENTAL AGENCIES FOR RESEARCH PROJECTS /
 ENDOWMENTS IN THE INSTITUTION DURING THE LAST FIVE YEARS
 (INR IN LAKHS)**

3.1.1.1: Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
3.5	8.16	5.1	6.26	2.11

1) Provide the consolidated List of grants for research projects received during the assessment years along with the nature of the award, and the awarding agency with amount.(sanctioned letter highlighting the required parts)

2) Provide the E-copies of the letters of award for research projects sponsored by Government and nongovernment sources.

The following Documents are attached herewith Year wise :

Details for A.Y. 2021-22

Sr. No	Name of the Project/ Endowments Chairs	Name of the Principal Investigator/ Co investigator	Year of Award	Amount Sanctioned	Durati on of the project	Name of the Funding Agency	Type (Govern ment /non Governm ent	Status
1	Analysis of Emission of CO2 on Combustion of LPG Gas Under the Effect	Prof. Rakesh Siddheshwar	2021 - 22	25,000	01 Years	Sunrises Energy solution	non Governm ent	Completed

	of Neodymium Magnets							
2	Design and Development of Liquid Desiccant Refrigeration System	Dr. P.A.Patil	2021 - 22	3,50000	01 Years	ASHRAE,USA	non Government	Completed


Jayawantrao Sawant College of Engineering
(Approved by AICTE, New Delhi, Govt of Maharashtra and Affiliated to University of Pune)
U.No. - P/2016/Engg/106(2004)
S. No. 58, Hadapsar Road, Hadapsar, Pune - 411028
Ph. 244867774 Telefax : 244-2447686
Email : principal@jspmce.edu.in Website : www.jspmce.edu.in

Date: 12/11/2021

To,

The Principal Investigator - Renewable energy Domain,
 JSPM's Jayawantrao Sawant College of Engineering,
 Hadapsar, Pune-411028

Subject: Distribution of funds for Research Projects of the college under "Renewable energy" domain.

Dear Sir/Madam,

This is to inform you that Sunrise energy solution has sanctioned the amount of **Rs. 50,000/-** for the projects related to Domain **Renewable energy**. The details of sanctioned amount are given in a table:

Sr. No.	Title of Project	Amount Sanctioned
1	Design of bus tracking and fuel monitoring system for public transport	10000/-
2	Energy Efficient Protocol Implementation in WSN In Agriculture Using Solar Power System.	15000/-
3	Analysis of Emission of CO ₂ on Combustion of LPG Gas Under the Effect of Neodymium Magnets	25000/-
TOTAL AMOUNT		Rs. 50,000/-

The principal investigator should submit the application mentioning utilization details to the principal for disposal of sanctioned amount to carry out their research work.

With regards and thanks,


Dr. Rajendra D. Kamphade
 Principal
PRINCIPAL
 JSPM's Jayawantrao Sawant
 College of Engineering
 Hadapsar, Pune-28

Date:- 12.11.2021

To,

The Principal

JSPMs, Jaywantrao Sawant College of
Engineering, Hadapsar Campus. Pune.

Ref: Your research grant proposal dated 08.10.2021.

Dear Sir,

With reference to your request for research grant, I am pleased to inform that; the Director board accepted your request of research sponsorship for project Renewable energy. The total approved grant is **Rs. 50,000/-** for the year 2020-21 and, subject to terms as per company policy. In addition, the investigators must submit Annual Progress Report, at the end of the year. Provide Fund Utilization Certificate and Audited Accounts separately

Further you can avail the facilities and resources of the company to accomplish this research project in a successful manner and look forward to working with you.

Regards

Sunrisers Energy Solutions Pvt. Ltd.



Off: 1212/B2, Seeta Apts, Apte Road, Pune -
411004. info@sunrisersenergy.com |
www.sunrisersenergy.com



Pradeep Patil <papatil73@gmail.com>

ASHRAE Undergraduate Program Equipment Grant Application

1 message

Thu, Feb 17, 2022 at 9:53 PM

Thomson, Katie <KThomson@nshme.org>

To: "papatil73@gmail.com" <papatil73@gmail.com>

Cc: "kkgcme@gmail.com" <kkgcma@gmail.com>

Dear Pradeep A Patil,

Congratulations! Your submission to ASHRAE's Undergraduate Program Equipment Grant titled, "Design and Development of Liquid Desiccant Spray Tower" was approved for funding in the amount of \$5,000 to Jaywantrao Sawant College of Engineering, Hadapsar, Pune.

Before we can process your request, we require you to review the attached Award Information Sheet, which you submitted with your application. Please indicate whether the information is still current and the grant funds are still required. Also, please complete the attached Award Information Sheet and return it with any corrections to your application by **A . 2022.**

The Student Activities Chair of the ASHRAE Chapter in your area is copied on this email and he/she should contact you directly for a certificate/award presentation. However, this will not be a presentation of funds since your check will be mailed in July directly to the individual you indicate on the Award Information Sheet. If you have any questions, please contact Katie Thomson, Assistant Manager, Student Activities, at 678-539-1212 or **by** e-mail at kthomson@ashrae.org.

As a reminder, the students involved in the project receiving the grant funds must submit a written report to ASHRAE upon the project's completion. A project spanning more than one semester/quarter must submit a progress report at the end of each semester/quarter. Delinquent reports will disqualify you from obtaining grants in the future; therefore, if your report is going to be submitted late, please contact the Assistant Manager, *Student* ActiviUes. Details on the interim and final report format are listed on the Student Zone website in the Grants On

Again, congratulations! We look forward to an opportunity to work with you and your students.

. sincerely,

Jared Larson

2021-22' Chair, Student Activities Committee

Katie Thoms_o

Details for A.Y. 2020-21

Sr. No.	Name of the Project/ Endowments Chairs	Name of the Principal Investigator/ Co investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government /non Government)	Status
1	Performance Testing in Refrigeration.	Prof. L. Mane	2020-21	170000	365 days	Tirupati Enterprises Solutions	Non-Gov	Completed
2	Robot Simulation Test.	Prof. M. Nalawade	2020-21	26000	365 days	Tirupati Enterprises Solutions	Non-Gov	Completed
3	Vehicle Safety using IOT	Prof. M. Gawali	2020-21	25000	365 days	Microembedded Technologies	Non-Gov	Completed
4	Wireless Sensor Network	Prof. S. Ayachit	2020-21	25000	365 days	Tirupati Enterprises	Non-Gov	Completed
5	IOT based Spitting Detection System	Dr. C. A. Manjare	2020-21	55000	365 days	Microembedded Technologies	Non-Gov	Completed
6	IOT based Robot Delivery of Medicine etc.	Prof. M.D. Tadwalkar	2020-21	25000	365 days	Micro embedded Technologies	Non-Gov	Completed
7	IOT Based Smart Helmet For COVID-19 Patient	Prof. V. Patil	2020-21	10000	365 days	Microembedded technologies	Non-Gov	Completed
8.	Water Quality Monitoring using IOT	Prof. M.D. Tadwalkar	2020-21	15000	365 days	Micro edded technologies	Non-Gov	Completed
9	Enegy cosumption & utilisation analysis using IOT	Dr. C. A. Manjare	2020-21	10000	365 days	Microemb edded technologies	Non-Gov	Completed
10	Design of bus tracking and fuel monitoring	Dr. R. D. Gawade	2020-21	20000	365 days	Sunrises Energy Solution	Non-Gov	Completed

	system for public transport							
11	Energy Efficient Protocol Implementation In WSN In Agriculture Using Solar Power System.	Prof. T.S. Mote	2020-21	30000	365 days	Sunrises Energy Solution	Non-Gov	Completed
12	Major Projects	Dr. P.A.Patil	2020-21	2.26	365 days	ASHRAE	Non-Gov	Completed



TIRUPATI ENTERPRISES

Reg. Off. : F - 7, Sankalp Apartment, Bhoir Colony, Chinchwad, Pune -33. ☎:(020) 2745 9225 Email-tirupatipune@yahoo.co.in
Branch Off.: Office No. 101, Rhea Apartment, 5, Aundh-Khadki Road, Khadki, Pune-20 ☎:(020) 25812252 Mob: 9890281157

Authorised Dealers in Electrical & Electronics testing & measuring instruments,
Dealers for all types of Electrical & Electronics goods

Ref. No. TE/LATT/2020-21/10

Date: 20/11/2020

To,
The principal
JSPMs, Jaywantrao Sawant College of Engineering,
Hadapsar Campus, Pune.

Dear Sir

With reference to the proposal of research grant submitted by Jaywantrao Sawant College of Engineering, Hadapsar, for conduct of research project in automation and engineering, Board of directors convey the sanction of amount **Rs.1,96,000/-** for these research project for the year 2020-21, subject to terms and conditions under the company's stated policy.

It is requested that beneficiary principal investigator (PI) should submit project completion report duly signed by the PI and Head of the institution along with consolidated audited statement of expenditure to the effect that the grant has been utilized for the purpose of which it has been sanctioned.

Thanking you.
Yours faithfully,

(FOR TIRUPATI ENTERPRISES).
Jaydip Shelke.
(Email: tirupatipune@yahoo.co.in)



Jayawantrao Sawant College of Engineering

(Approved by AICTE, New Delhi, Dept of Maharashtra and Affiliated to University of Pune)

S.No. - P/2019/Engg/198(2004)

B. No. 28, Hadapsar Road, Hadapsar, Pune - 411028

Ph. (44)26627275 Fax: (44)26627000

Email: principal@jayawant.edu.in

Website: www.jayawant.edu.in



Dr. Rajendra D. Kashade

Dr. H.C. Shinde Pr.

411028, PUNE

Date: 22/1/2020

To,

The Principal Investigator- Automation and Engineering domain

JSPM's Jayawantrao Sawant College of Engineering,

Hadapsar, Pune 411028

Subject: Distribution of funds for Research Projects of the college under "Automation and Engineering" domain.

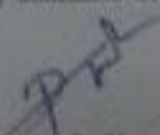
Dear Sir/Madam,

This is to inform you that Tivputi Enterprises/Innovation has sanctioned the amount of **Rs. 1, 96,000/-** for the projects related to Domain **Automation and Engineering**. The details of sanctioned amount are given in a table:

Sr. No.	Title of Project	Amount Sanctioned
1	Earthquake Detection System using Wireless Sensor Network	25000/-
2	Post covid attendance & health alert system based on facial recognition	10000/-
3	Smart pulse Oxymeter Diagnostic system for Corona Virus Patient identification	10000/-
4	Self-Diagnostic system for Electric Vehicle	15000/-
5	Farm Protection Drone Using Arduino	10000/-
6	Performance Testing of Phase change material in Refrigerator	70000/-
7	Design And Development of Robot Simulation Test Rig	20000/-
8	Meter Revenue Management using Data Analytics	15000
9	Automated irrigation system using Arduino and raspberry pi	15000
TOTAL AMOUNT		Rs. 1,96,000/-

The principal investigator should submit the application mentioning utilization details to the principal in dispersal of sanctioned amount to carry out their research work.

Warm regards and thanks.


PRINCIPAL **Rajendra D. Kashade**
 JSPM's Jayawantrao
 College of En.
 Hadapsar, Pune-41



MicroEmbedded Technologies

B-503, Shreeji Paradise, Nagras Road, Aundh, Pune - 411 067.

Cell : 9371004724 | 98225 11516

Email : sales@microembedded.in | dipakghule@gmail.com www.microembedded.in

Date:- 08.10.2020

To,
The Principal
JSPM's Jaywantrao Sawant College of Engineering,
Hadapsar, Pune

Subject: Sanction of research grant.

This is with reference to your research grant request letter dated 04.08.2020. We are happy to convey you that your research proposal on IoT based engineering projects for amount of Rs.2,20,000/- is sanctioned by the board of directors for the year 2020-21. Sanction of the grant is subject to Terms & Conditions mentioned as per company policy.

In addition, the investigators must submit Annual Progress Report of each of the project, at the end of the year mentioning the progress of the work. Also investigators will have to submit Fund Utilization Certificate and Audited Accounts separately.

With best regards,

Sincerely,

For MicroEmbedded Technologies, Pune


Dipak Ghule





JAYAWANT SHESHAN PUSKARAK MANDAL'S
Jayawantrao Sawant College of Engineering
 (Approved by AICTE, New Delhi, Govt of Maharashtra and Affiliated to University of Pune)



Prof. Dr. T. J. Sawant
 D.D.E., K.E. Jayawant, MIDC, Ph. 2
 PUNJICOR SECRETARY

Id. No. : PUPNEngg/199(2004)
 B, No. 58, Hadapsar Road, Hadapsar, Pune - 411028
 Ph. : 2498827/74 Telefax : 020-24972880
 Email : jspm@jspm.edu.in
 Website : www.jspm.edu.in

Dr. Rajendra D. Kanphode
 M.P. No. 2, Bhamburda Road,
 LADKHE, PUNE, MAHARASHTRA
 Principal

Date: 13/10/2020

To,
 The Principal Investigator – IoT Based Engineering Projects,
 JSPM's Jayawantrao Sawant College of Engineering,
 Hadapsar, Pune 411028

Subject: Distribution of funds for Research Projects of the college under "IoT Based Engineering Projects" domain.

Dear Sir/Madam,

This is to inform you that Microembedded technologies solution has sanctioned the amount of **Rs. 2, 20,000/-** for the projects related to Domain **IoT Based Engineering Projects**. The details of sanctioned amount are given in a table:

Sr. No.	Title of Project	Amount Sanctioned
1	Improving vehicle safety using IOT	25,000/-
2	Smart Gas Alert System	40000 /-
3	Multipurpose agricultural vehicle for farmers	40000/-
4	Traceable Authorization secure keyword search System	30000/-
5	AGRICULTURAL SUPPLY CHAIN	30000/-
6	IoT based Spitting detection system.	10000/-
7	IOT based robot for medicine delivery to Corona patient	10000/-
8	IOT Based Smart Helmet For COVID-19 Patient Detection	10000/-
9	Water Quality Monitoring using IOT	15000/-
10	Energy consumption & utilization analysis using IOT	10000/-
TOTAL AMOUNT		Rs. 2,20,000/-

The principal investigator should submit the application mentioning utilization details to the principal for dispersal of sanctioned amount to carry out their research work.

Warm regards and thanks.

PRINCIPAL
 JSPM's Jayawant
 College of Engg
 Hadapsar, Pune

Dr. Rajendra D. Kanphode
 Principal



MicroEmbedded Technologies

B-503, Shreeji Paradise, Nagras Road, Aundh, Pune - 411 067.

Cell : 9371004724 | 98225 11516

Email : sales@microembedded.in | dipakghule@gmail.com | www.microembedded.in

Date:- 08.10.2020

To,
The Principal
JSPM's Jaywantrao Sawant College of Engineering,
Hadapsar, Pune

Subject: Sanction of research grant.

This is with reference to your research grant request letter dated 04.08.2020. We are happy to convey you that your research proposal on IoT based engineering projects for amount of Rs.2,20,000/- is sanctioned by the board of directors for the year 2020-21. Sanction of the grant is subject to Terms & Conditions mentioned as per company policy.

In addition, the investigators must submit Annual Progress Report of each of the project, at the end of the year mentioning the progress of the work. Also investigators will have to submit Fund Utilization Certificate and Audited Accounts separately.

With best regards,

Sincerely,

For MicroEmbedded Technologies, Pune

Dipak Ghule



Date:- 12.11.2021

To,
The Principal
JSPMs, Jaywantrao Sawant College of Engineering,
Hadapsar Campus. Pune.

Ref: Your research grant proposal dated 08.10.2021.

Dear Sir,

With reference to your request for research grant, I am pleased to inform that; the Director board accepted your request of research sponsorship for project Renewable energy. The total approved grant is **Rs. 50,000/-** for the year 2020-21 and, subject to terms as per company policy. In addition, the investigators must submit Annual Progress Report, at the end of the year. Provide Fund Utilization Certificate and Audited Accounts separately

Further you can avail the facilities and resources of the company to accomplish this research project in a successful manner and look forward to working with you.

Regards

Sunrisers Energy Solutions Pvt. Ltd.





Jayawantrao Sawant College of Engineering

(Approved by AICTE, New Delhi, Govt of Maharashtra and Affiliated to University of Pune)

U.No. - PU09/Egg/100(2004)

K. No. 58, Hadapsar Road, Hadapsar, Pune - 411028

Ph. 242887174 Telefax - 242-2571080

Email - principal@jspmce.edu.in

Website - www.jspmce.edu.in



Prof. Dr. T. J. Sawant
V. S. S. Bhamburda, WASTE P. O.
HADAPSAR, PUNE-411028

Dr. Rajendra D. Kamphode
M.A. Ph.D. (Mechanical Engg.)
WASTE P. O. WASTE
HADAPSAR

Date: 18/11/2021

To,

The Principal Investigator - Renewable energy Domain,

JSPM's Jayawantrao Sawant College of Engineering,

Hadapsar, Pune 411028

Subject: Distribution of funds for Research Projects of the college under "Renewable energy" domain.

Dear Sir/Madam,

This is to inform you that Sunrise energy solution has sanctioned the amount of **Rs. 50,000/-** for the projects related to Domain **Renewable energy**. The details of sanctioned amount are given in a table:

Sr. No.	Title of Project	Amount Sanctioned
1	Design of bus tracking and fuel monitoring system for public transport	10000/-
2	Energy Efficient Protocol Implementation in WSN In Agriculture Using Solar Power System.	15000/-
3	Analysis of Emission of CO ₂ in Combustion of LPG-Gas Under the Effect of Neodymium Magnets	25000/-
TOTAL AMOUNT		Rs. 50,000/-

The principal investigator should submit the application mentioning utilization details to the principal for dispersal of sanctioned amount to carry out their research work.

Warm regards and thanks.


Dr. Rajendra D. Kamphode

Principal
PRINCIPAL
JSPM's Jayawantrao Sawant
College of Engg.
Hadapsar, Pune-28

3/12/2020

Gmail - ASHRAE Undergraduate Program Equipment Grant Application



Pradeep Patil <papatil73@gmail.com>

ASHRAE Undergraduate Program Equipment Grant Application

3 messages

Thomson, Katie <KThomson@ashrae.org>

Mon, Mar 2, 2020 at 11:28 PM

To: "papatil73@gmail.com" <papatil73@gmail.com>

Cc: "vikas@maico.co.in" <vikas@maico.co.in>, "jadhavsantosh4@rediffmail.com" <jadhavsantosh4@rediffmail.com>, "kkgcme@gmail.com" <kkgcme@gmail.com>

Dear Pradeep Patil,

Congratulations! Your submission to ASHRAE's Undergraduate Program Equipment Grant titled, "Design and Development of hybrid (VCC and desiccant) air-conditioning system test rig." was approved for funding in the amount of \$5000 to JSCOE.

Before we can process your request, we require you to review the attached project summary, which you submitted with your application. Please indicate whether the information is still current and the grant funds are still required. Also, please complete the attached Award Information Sheet and return it with any corrections to your project summary by **April 30, 2020**.

Your local ASHRAE Chapter representatives have been copied to this email. They should contact you directly for a certificate/award presentation. **However, this will not be a presentation of funds since your check will be mailed in July directly to the individual you indicate on the Award Information Sheet.** If you have any questions, please contact Katie Thomson, Assistant Manager, Student Activities, at 678-539-1212 or by e-mail at kthomson@ashrae.org.

As a reminder, the students involved in the project receiving the grant funds must submit a written report to ASHRAE upon the project's completion. A project spanning more than one semester/quarter must submit a progress report at the end of each semester/quarter. **Delinquent reports will disqualify you from obtaining grants in the future; therefore, if your report is going to be submitted late, please contact the Assistant Manager, Student Activities.** Details on the interim and final report format are listed on the Student Zone website in the Grants section.

Again, congratulations! We look forward to an opportunity to work with your institution.

Sincerely,

Ben Oliver

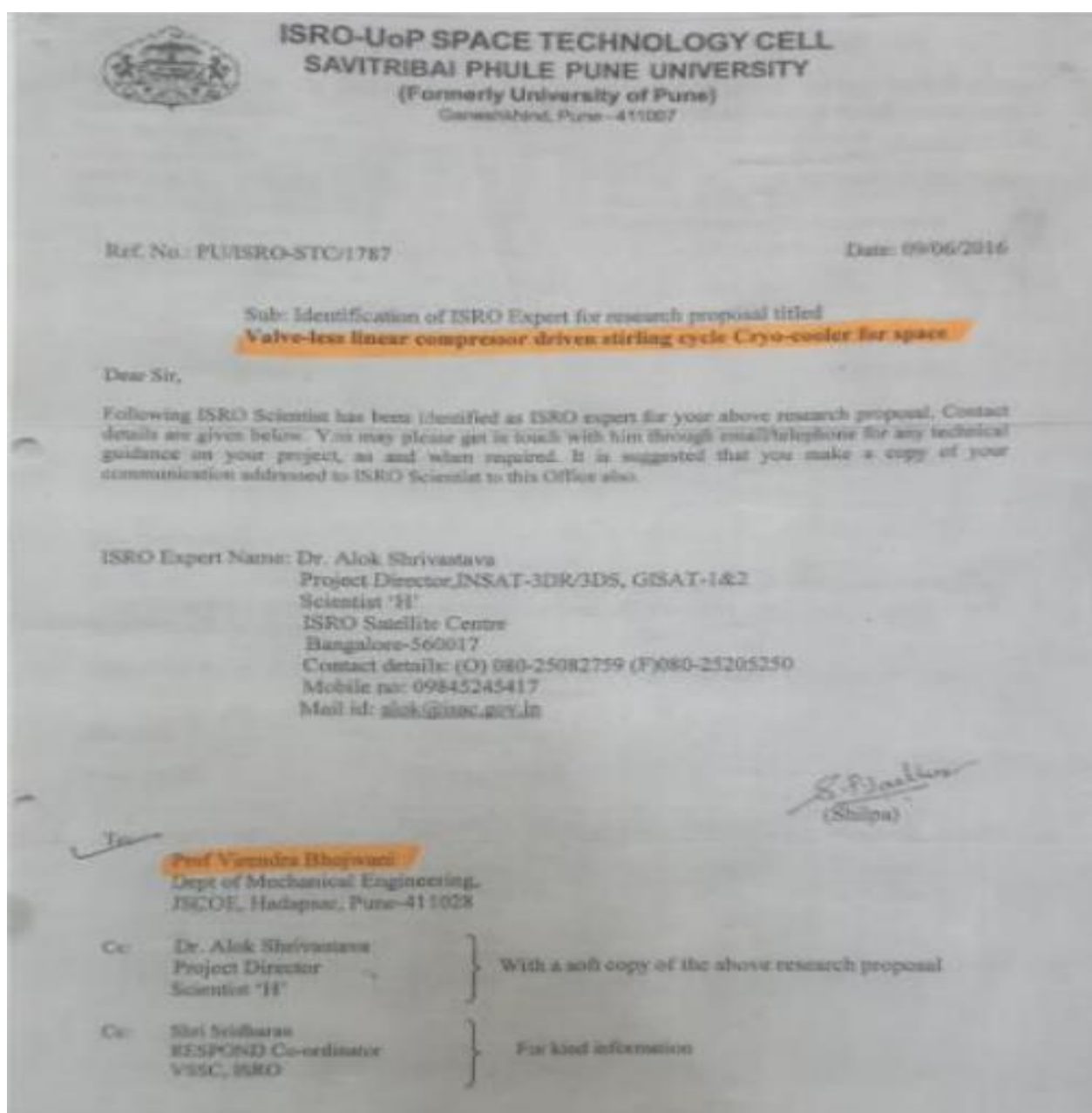
Ben Oliver

<https://mail.google.com/mail/u/0?ik=c46d156a15&view=pt&search=all&permthid=thread-f%3A1660076046525652761&simpl=msg-f%3A16600760465...> 1/4

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Details for A.Y. 2019-20

Sr. No.	Name of the Project/ Endowments Chairs	Name of the Principal Investigator/ Co Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government /non Government)	Status
1	Major Projects	Dr. P.A.Patil	2019-210	370000	365 days	ASHRAE	Non-Gov	Completed
	Industry sponsored Projects	Dr. S. D. Waghole	2019-210	70000	180 Days	IP LAB	Non-Gov	Completed
				70000	180 Days	IP LAB	Non-Gov	Completed



ISRO UoP Space Technology Sanction letter (Grants = 22.1 lacs) P. I. Dr. V. K. Bhojwani

एन सी एलए
 मान्य अध्यक्ष
 अंतराकाश(पुं)-पुणेरी अंतराकाश संशोधन
 मंडळीत पुणे पुणे विद्यापीठ
 (पुणेरी पुणे विद्यापीठ)
 पोस्टल, पुणे - ४११००६
 फोन नं. : (+९१)२२६९६६६६, २२६९७७७७ (D)
 फॅक्स नं. : २२६९७७७७ (R)
 ईमेल : (+९१)२२६९६६६६



M/C Utam
 Hon. Director
 ISRO-UoP SPACE TECHNOLOGY CELL,
 SAVITRIBAI PHULE PUNE UNIVERSITY
 (formerly University of Pune)
 Ganakhind, Pune-411007
 Telefax No. : (020) 25695664, 25699722(D)
 Fax : 1497(O), 25897888 (R)
 Email : dspace@physics.unipune.ac.in

Ref. No: PU/ISRO-STC/1786

Date: 9-6-2016

Sub: **Approval of the research proposal submitted to this Office and release of funds**

Dear Prof Bhojwani :

The modified research proposal submitted by you vide your letter dated 20/09/2015 for funding under ISRO-UoP Joint Research Programme has been considered and approved as given below. The funds will be released year wise.

Title of the Research Proposal : Valve-less linear compressor driven stirling cycle cryo-cooler for space
 Duration : Three years
 Total Funds : ₹ 22,10,000/-

Budget head	Amount (₹) I year	Amount (₹) II year	Amount (₹) III year	Total (₹)
Staff	2,20,000/-	2,20,000/-	2,00,000/-	6,40,000/-
Equipment, Supplies & Consumables	13,20,000/-	40,000/-	-	13,60,000/-
	25,000/-	25,000/-	25,000/-	75,000/-
Others: Contingency	20,000/-	20,000/-	20,000/-	60,000/-
Travel	25,000/-	25,000/-	25,000/-	75,000/-
Total	16,10,000/-	3,30,000/-	2,70,000/-	22,10,000/-

Date:-19 Aug 2023

Sub: Approval of student project sponsorship

Dear Dr. ~~Wagholikar~~ D. S.

Students Project Proposal submitted by you for sponsorship dated on has been considered and Approved by IP Lab as given below.
 The Funding will be released for one year.

Title of Research Project: - EV for physically challenged peoples

Duration: 1 year

Total Funds: 70,000/-

Budget Head:	Amount (₹) 1 Year
Sensors & Controllers	12,000/-
Throttle & Converter (AC-DC)	1000/-
EV Controller	4,000/-
Lithium ion Battery	19,000/-
Hub Motor	11,000/-
Communication Module	3,000/-
Fabrication	12,000/-
Others : Travelling & miscellaneous expenses	8,000/-
Total	70,000/-

For, IP Lab, Pune.



Mr. Sanjay Gandhi
President

Page 1 of 1

Details for A.Y. 2018-2019

Sr. No.	Name of the Project/ Endowments Chairs	Name of the Principal Investigator/ Co investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government /non Government)	Status
1	Major Project	Dr. P.A.Patil	2018-219	355000	365	ASHRAE	Non-Gov	Completed
2	industry sponsored projects	Dr. D. S. Waghole	2018-219	100000	365	KPIT	Non-Gov	Completed
3	students research project	Dr. D. S. Waghole	2018-219	20000	365	JSPM	Non-Gov	Completed
4	industry sponsored projects	Dr. Jyoti Patil	2018-219	150000	730	Techno Embedded Private Limited Pune	Non-Gov	Completed



Pradeep Patil <papatil73@gmail.com>

ASHRAE Undergraduate Program Equipment Grant

2 messages

Thomson, Katie <KThomson@ashrae.org>
To: "papatil73@gmail.com" <papatil73@gmail.com>
Cc: "riswadkar.anushree@gmail.com" <riswadkar.anushree@gmail.com>, "kkgcme@gmail.com" <kkgcme@gmail.com>

Tue, Feb 12, 2019 at 7:16 PM

Dear Pradeep Patil,

Congratulations! Your submission to ASHRAE's Undergraduate Program Equipment Grant titled, "Design and Development of Experimental test facility to investigate performance of ejector based refrigeration system." was approved for funding in the amount of \$4980 to Jaywantrao Sawant College of Engineering, Pune.

Before we can process your request, we require you to review the attached Project Information Sheet, which you submitted with your application. Please indicate whether the information is still current and the grant funds are still required. Also, please complete the attached Award Information Sheet and return it with any corrections to your [Project Information Sheet by April 30, 2019](#).

The Student Activities Chair of the ASHRAE Chapter in your area has been cc'd so that they are aware of the grant. He/she should contact you directly for a certificate/award presentation. However, this will not be a presentation of funds since your check will be mailed in July directly to the individual you indicate on the Award Information Sheet. If you have any questions, please contact Katie Thomson, Assistant Manager, Student Activities, at 678-539-1212 or by e-mail at kthomson@ashrae.org.

As a reminder, the students involved in the project receiving the grant funds must submit a written report to ASHRAE upon the project's completion. A project spanning more than one semester/quarter must submit a progress report at the end of each semester/quarter. Your project's progress report is due 12/31/2019 and the final report is due 7/31/2020. Delinquent reports will disqualify you from obtaining grants in the future; therefore, if your report is going to be submitted late, please contact the Assistant Manager, Student Activities. Details on the interim and final report format are listed on the Student Zone website in the Grants section.

Again, congratulations! We look forward to an opportunity to work with your institution and assist in student research.

Sincerely,

Adam Davis

Adam Davis

2018-19 Chair, Student Activities Committee

<https://mail.google.com/mail/u/07/?ik=c48d158a15&view=pt&search=all&permthid=thread-F%3A1625271003535350658&siml=msg-F%3A16252710035...> 1/3

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Details for A.Y. 2017-2018

Sr. No.	Name of the Project/ Endowments Chairs	Name of the Principal Investigator/ Co investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government /non Government)	Status
1	Major projects	Dr. V. Bhojwani	2017-218	22.1 Lakhs	2016-2019	ISRO-UOPSPPU	Non-Gov	Completed
2	Industry sponsored Projects	Dr. V. Bhojwani	2017-218	2 Lakhs	2017-2018	IIT Bombay-ONGC	Non-Gov	Completed
3	Projects sponsored by the University/ College	Prof. C. Manjare Prof. Ulhas Malwade	2017-218	4.3 Lakhs	2 Years	SPPU BCUD	Non-Gov	Completed



ISRO-UoP SPACE TECHNOLOGY CELL
SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)
Ganeshkhind, Pune-411007

Ref. No.: PU/ISRO-STC/1787

Date: 09/06/2016

Sub: Identification of ISRO Expert for research proposal titled
Valve-less linear compressor driven stirling cycle Cryo-cooler for space

Dear Sir,

Following ISRO Scientist has been identified as ISRO expert for your above research proposal. Contact details are given below. You may please get in touch with him through email/telephone for any technical guidance on your project, as and when required. It is suggested that you make a copy of your communication addressed to ISRO Scientist to this Office also.

ISRO Expert Name: Dr. Alok Shrivastava
Project Director,INSAT-3DR/3DS, GISAT-1&2
Scientist 'H'
ISRO Satellite Centre
Bangalore-560017
Contact details: (O) 080-25082759 (F)080-25205230
Mobile no: 09845245417
Mail id: alok@isac.gov.in

S.P. Joshi
(Shilpa)

Joshi
Prof. Vandana Bhogwan
Dept of Mechanical Engineering,
ISCOE, Hadapsar, Pune-411028

Cc: Dr. Alok Shrivastava Project Director Scientist 'H'	}	With a soft copy of the above research proposal
Cc: Shri Srilaxari RESPOND Co-ordinator VXSC, ISRO		

ISRO UoP Space Technology Sanction letter (Grants = 22.1 lacs) P. I. Dr. V. K. Bhojwani

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M.C. Utam
 Hon. Director
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 Telefax No. : (020) 25695664, 256972327
 Extn : 1407(O), 25697335 (P)
 Email : dmprsp@physics.vspu.ac.in

Ref. No.: PU/ISRO-STC/1786

Date: 9-6-2016

Sub: **Approval of the research proposal submitted to this Office and release of funds**

Dear Prof Bhojwani

The modified research proposal submitted by you vide your letter dated 20/09/2015 for funding under ISRO-UoP Joint Research Programme has been considered and approved as given below. The funds will be released year wise.

Title of the Research Proposal : Valve-less linear compressor driven stirling cycle cryo-cooler for space
Duration : Three years
Total Funds : ₹ 22,10,000/-

Budget head	Amount (₹) I year	Amount (₹) II year	Amount (₹) III year	Total (₹)
Staff	2,20,000/-	2,20,000/-	2,00,000/-	6,40,000/-
Equipment, Supplies & Consumables	13,20,000/-	40,000/-	-	13,60,000/-
	25,000/-	25,000/-	25,000/-	75,000/-
Others: Contingency	20,000/-	20,000/-	20,000/-	60,000/-
Travel	25,000/-	21,000/-	25,000/-	75,000/-
Total	16,10,000/-	3,30,000/-	2,70,000/-	22,10,000/-