



# Punyashlok Ahilyadevi Holkar Solapur University

## Criterion III - Research, Innovations and Extension

Metric No.	
3.1.3	<i>Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years</i>
	<ul style="list-style-type: none"><li>• Any additional information</li><li>• e-copies of the award letters of the teachers</li><li>• List of teachers and their international fellowship details (Data Templates)</li></ul>

**3.1.3**

**Q<sub>n</sub>M**

***Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years***

3.1.3.1: The number of teachers who received national/ international fellowship/financial support by various agencies for advanced studies / research year wise during the last five years

<b>Year</b>	2015-16	2016-17	2017-18	2018-19	2019-20
<b>Number of teachers</b>	00	01	00	05	00



**Science and Engineering Research Board**  
**International Travel Support Scheme**

Established through an Act of Parliament: SERB Act 2008, Department of  
Science & Technology, Government of India

Application No. - ITS/1181/2016-17

Dated: 19-05-2016

To  
Prof. Vikas Patil  
Professor  
Physics  
SOLAPUR UNIVERSITY  
SOLAPUR-413255(MAHARASHTRA)

Sub. : Financial Assistance to Prof. Vikas Patil for participating in THE 16TH INTERNATIONAL MEETING ON CHEMICAL SENSORS (IMCS2016) to be held from 10-07-2016 to 13-07-2016 in JEJU,KOREA-ROK.

Sir/Madam,

We are happy to inform you that your application seeking financial grant to attend the above mentioned international scientific event has been recommended for support by the Science and Engineering Research Board (SERB). We will provide to and fro economic class air-fare by the shortest route, airport tax & visa fees. It is hoped that the support will give you an opportunity to interact with leading international experts in the area. The support, however, is subject to the following conditions.

1. You should not have received financial support during the last three years under this scheme.
2. The air tickets are to be booked in economic class by the shortest route in a National Carrier, i.e., Air India. If you are traveling by Private Airline because of non-availability of tickets or any other reason, you are requested to seek relaxation from the Ministry of Civil Aviation. Detailed guidelines for travel by private airlines other than Air India are available at Ministry of Civil Aviation website (<http://www.civilaviation.gov.in>). SERB will not entertain any request seeking permission to travel by Private Airlines. You are advised to attach a copy of permission letter from Ministry of Civil Aviation for travel by private airlines while claiming reimbursement. Without this permission letter, it will not be possible to reimburse the travel grant.
3. **E-ticket is acceptable provided the amount of the fare is clearly reflected on the ticket.**
4. The signed print copy of Claim Form along with the original Boarding passes must be sent to the SERB immediately after completing the online Claim Form to the following address.  
*ITS Section  
Science and Engineering Research Board  
5 & 5A, Lower Ground Floor, Vasant Square Mall, Sector B, Pocket 5  
Vasant Kunj, New Delhi, Delhi-110070*
5. SERB will reimburse the grant after deducting the financial assistance received from any other sources, if any.
6. All other expenses such as per diem, taxi fare etc. will not be reimbursed by SERB.
7. You will have to make your own arrangements for foreign exchange required for the purpose.
8. You will not be treated as a delegate sponsored by the Government of India.
9. Based on this offer letter, your Institute may consider advancing necessary funds to enable you to attend the above event.
10. **We request you to either accept or decline this offer at the earliest online. On acceptance only, you will be able to submit the Claim Form. Please note that once you decline this offer, it will be assumed that you are not interested in availing this offer and no further communication will be entertained in this matter.**
11. **You must submit Claim Form and other documents online within 90 days of the Last Date of the Event, failing which SERB will not reimburse the Travel Grant.**

With kind regards,

Your's Faithfully

R K Joshi  
Scientist- D  
Email  
:ms[DOT]its[At]serb[DOT]gov[DOT]in  
Ph: 01140000355(O)



## Science and Engineering Research Board International Travel Support Scheme

Established through an Act of Parliament: SERB Act 2008, Department of  
Science & Technology, Government of India

Prof. Vikas Patil, Applicant

### Claim Form

Application File No. - ITS/1181/2016-17

#### Personal Details

**Applicant Name:** Prof. Vikas Patil  
**Date of Birth:** 25-12-1974 (dd-mm-yyyy)  
**Email Address:** drvbpatil@gmail.com  
**Gender:** Male  
**Designation:** Professor  
**Department:** Physics  
**Address:** SOLAPUR UNIVERSITY, SOLAPUR UNIVERSITY, SOLAPUR SOLAPUR PUNE NATIONAL  
HIGHWAY KEGAON, SOLAPUR- (MAHARASHTRA) , ,  
SOLAPUR, MAHARASHTRA, 413255  
**Mobile :** 0942253252  
**Whether (Sr. Scientist or Young Scientist):** Senior Scientist  
**Name of the Event:** THE 16TH INTERNATIONAL MEETING ON CHEMICAL SENSORS (IMCS2016)  
**City & Duration of the Event:** JEJU , KOREA-ROK, 10-07-2016 To 13-07-2016  
**Date of leaving India :** 08-07-2016  
**Date of return to India :** 14-07-2016  
**Passport No. :** M3898049

#### Tour Technical Details

#### Academic highlights & new developments presented at the Event (200 Words):

A novel flexible, ultra-sensitive, selective, and room temperature operable polyaniline based hybrid (PAni/ $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> PAni/WO<sub>3</sub>) ammonia (NH<sub>3</sub>) gas sensors were developed onto a flexible polyethylene terephthalate (PET) substrate by in situ polymerization process. The observations were recorded to 100 ppm fixed level for various gases including NO<sub>2</sub>, CH<sub>3</sub>OH, C<sub>2</sub>H<sub>5</sub>OH, NH<sub>3</sub>, and H<sub>2</sub>S through monitoring the change in resistance of the developed sensor. The flexible (PAni/ $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> PAni/WO<sub>3</sub>) hybrid sensor demonstrated better selectivity towards NH<sub>3</sub>. The synergistic response of the flexible hybrid sensors were remarkable than that of the PAni and  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> and WO<sub>3</sub> alone; indicating the effective improvement in the performance of PAni flexible sensor on nanocomposite process. Moreover, the flexible sensor detected NH<sub>3</sub> at low concentration (5 ppm) with a fast response (27 s) and very short recovery time (46 s). Further, PAni/ $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> and PAni/WO<sub>3</sub> hybrid flexible sensor films were characterized by X-ray diffraction, field-emission scanning electron microscopy, UV-visible and Raman spectroscopy, Fourier transform infrared and X-ray photoelectron for structural analysis, morphological evolution, optical and surface related studies. The operation of the NH<sub>3</sub> gas sensor device, fabricated on a laboratory scale, was tested and explored as a demo-video clip.

#### Applicant's Contribution at the Event (200 words):

The 16 th International Meeting on Chemical Sensor (IMCS-2016) was held during 10th July 2016 to 13th July 2016 at Ramada Plaza Jeju, Jeju Island, Korea. The meeting is expected to promote the quality for excellence in the field of chemical sensors. Chemical sensors are needed to control industrial, chemical, and vehicle emissions and for home safety. I am working in the area of chemical sensors since last 16 years. The 16 th International Meeting on Chemical Sensor brings science and technology together and provided me an opportunity for stimulating interaction amongst all peoples working on chemical sensors, so that I have discussed with them the Research and development state of the art and new and emerging trends in the field of chemical sensors world over. I had made discussion on number of challenges to develop technologies with reduction in the cost and giving reliable information. Furthermore eminent Invited Speakers coming from different areas of expertise shared their experience and knowledge to provide a good insight about materials related to numerous application areas. My personal active participation in the conference and discussion therein will actually help to speed up new research and technology in our country, India, therefore it will help Solapur University and over all Indian research and development itself.

#### Visits to other Scientific Institutions / Universities during participation in the Event, if any (200 words):

NO

#### Details of Account Holder & Bank (Please provide the signed copy of institute account details)

**Name of Account Holder \*:** Finance &  
Account Officer

7/22/2016

its.serb.gov.in:8080/its/its/doUploadFilesSubmit1\_execute2.action

Bank Account Number : 3177057679  
 Finance &  
 Account  
 Account Holder Address\*: officer, Solapur  
 University,  
 Solapur  
 Account Holder Email : fao@sus.ac.in  
 Bank Name \*: Central Bank  
 of India  
 Branch Name \*: Kondi  
 Solapur-Pune  
 Highway,  
 Bank Address with city : P.O.Kondi,  
 Dist- Solapur  
 State \*: MAHARASHTRA  
 PinCode \*: 413255  
 Type Of Bank Account(SB/Current/etc.) \*: SB  
 IFSC/RTGS Code of Bank \*: CBIN0282815

## Expenditure incurred By Applicant

Item Type	Ticket No.	Mode of Transport	Name of Airlines/ Trains/Bus/etc.	Name of Airlines	Amount (In Rs.)
Fare	0982212816874	Air	Economy	Air India	60274.0
Fare	1802212816877	Air	Economy	Korean Air	20790.0
Visa Fees					4800.0
<b>Total</b>					<b>85864.0</b>

## Details of the Travel

Ticket No.	From Date	From Place	To Date	To Place
0982212816874	09-07-2016	Mumbai	10-07-2016	Seoul
1802212816877	10-07-2016	Gimpu	10-07-2016	Jeju
1802212816877	14-07-2016	Jeju	14-07-2016	Gimpu
0982212816874	14-07-2016	Seoul	14-07-2016	Pune

## Amount received from other sources:

Agency Name	Travel (In Rs.)	Visa (In Rs.)	Registration (In Rs.)
Total	0	0	0

## Claim Upload Files

VISA CHARGES: VISA CHARGES  
 PARTICIPATION CERTIFICATE: PARTICIPATION CERTIFICATE  
 REGISTRATION RECEIPT: REGISTRATION RECEIPT  
 TICKETS: TICKETS  
 BOARDING PASSES: BOARDING PASSES  
 ACCOUNT DETAILS: ACCOUNT DETAILS

Certified that I have attended the above international scientific event and the particular furnished above are correct. I also certify that I have not received travel grants from SERB during the last three years.

Date :

Signature of  
Applicant

Place :



**Université du Québec en Outaouais**

**LIMA : Laboratoire d'Ingénierie des Microsystèmes Avancés**

**UQO: <http://www.uqo.ca>**

Gatineau, 1 January 2019

**TO WHOM IT MAY CONCERN**

**Subject: Internship certificate for Vaibhav Bachuwar during summer 2018 ReSMiQ-LIMA Laboratory.**

This is to certify that **Vaibhav Deepak Bachuwar**, successfully completed 06 (Six) months (29th March 2018 to 1st October 2018 long internship programme at University of Quebec in Outaouais, Gatineau, Canada LIMA Lab (Advanced Microsystems Engineering Laboratory) . During the period of his internship programme with us he guided the two engineering student for his project. He was found punctual, hardworking and inquisitive.

I hope this information will be helpful.

Sincerely,

Ahmed LAKHSSASSI, PhD. Eng  
Titular Professor Electrical Engineering  
LIMA Laboratory Chair  
Computer Sc. & Engineering Dep.  
Université du Québec en Outaouais  
101 St-Jean-Bosco, Succursale Hull  
Gatineau (PQ) J8Y 3G5, Canada. Office B2014 LB.

Phone: (819) 595-3900 (1610)  
Fax: (819) 773-1638  
email : [ahmed.lakhssassi@uqo.ca](mailto:ahmed.lakhssassi@uqo.ca)  
Personnel Web page: <http://w3.uqo.ca/lakhssassi/>  
Department Web page: [http://w3.uqo.ca/d\\_info/](http://w3.uqo.ca/d_info/)  
UQO Web page: <http://www.uqo.ca>  
LIMA Laboratory: <http://w3.uqo.ca/limauqo/wordpress/>



N.A.A.C Accredited -2015  
B' Grade (CGPA 2.62)

पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर  
**Punyashlok Ahilyadevi Holkar Solapur University**

Solapur-Pune Highway, Kegaon Solapur – 413 255.



Ref No: PAH SUS/RGSTC/01

Date: 21/05/2020

Dr. D.D.Kulkarni  
School of Earth Sciences  
P.A.H. Solapur University, Solapur

Subject: The project entitled “*Geospatial and Geotechnological investigation of Landslide hazards in Western Ghat and Konkan area, Maharashtra, India.*”

Dear Sir,

Please refer to the proposal mentioned above which you had submitted for consideration of possible funding under the Scheme of Assistance for S & T Applications, Rajiv Gandhi Science & Technology Commission (RGSTC), Government of Maharashtra through Punyashlok Ahilyadevi Holkar Solapur University.

The Project Appraisal Committee (PAC) has approved your project proposal for financial assistance. The first instalment of Rs. 50,000/- has approved from the requested budget of your project proposal. The remaining amount will be sanctioned after the satisfactory project progress presentation.

( Prof. Vikas Patil )  
Coordinator  
RGSTC Scheme, PAHSUS



Turun yliopisto  
University of Turku

Professor, Mr. Gautam Subana KAMBLE,  
School of Social Sciences  
Solapur University  
Maharashtra State, India

**Letter of Invitation**

**Dear Professor Mr. Gautam Subana KAMBLE,**

We are very pleased to welcome you mobility project planning meeting in Finland Futures Research Centre, Turku School of Economics in University of Turku, Finland during the period June 9<sup>th</sup> – June 17 2017. You are also invited to join the Futures of a Complex World conference on June 12-13 2017. Your host at the Finland Futures Research Centre (FFRC) will be Director Juha Kaskinen.

The costs of your travel to and accommodation in Turku are covered by the Finland-India Bilateral HEI Cooperation mobility project, funded by the CIMO.

The covered costs are: flights from and to Solapur, India  
o accommodation during the period  
o per diems (40 euros per day) for the period

Please carefully store all original receipts and boarding cards for all flights, and hand them to FFRC upon your arrival in Turku; the project will need these for reporting purposes towards the financier.

Please do not hesitate to contact us for further information:

In matters related to your academic activities in Turku:  
Director Juha Kaskinen (contact information below)

In practical matters (travel, accommodation, per diems):  
Unit secretary Ms. Anne-Mari Vilola  
Tel. 02 333 9530  
E-mail: anne-mari.vilola@utu.fi

Sincerely,

Dr. Juha Kaskinen  
Director  
Finland Futures Research Centre  
Turku School of Economics  
20014 University of Turku  
Finland  
Email: juha.kaskinen@utu.fi  
Phone: +358 2 333 9528; +358 40 5439 645



FINLAND FUTURES  
RESEARCH CENTRE  
University of Turku



FINLAND FUTURES  
RESEARCH CENTRE

Finland Futures Research Centre  
Turku School of Economics, University of Turku  
FI-20014 Turun yliopisto, Finland  
Visiting address: Rehtorinpellonkatu 3, Turku  
Korkeavuorenkatu 25 A 2, FI-00130 Helsinki • Yliopistonkatu 58 D, FI-33100 Tampere  
Telephone +358 2 333 9530 • utu.fi/ffrc



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**Constructing Social Futures - Notification of Acceptance**

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Ramesh Gadhave <ragadhav@sus.ac.in>  
To: asgajdhane@gmail.com

Fri, May 10, 2019 at 8:35 PM

----- Forwarded message -----

From: **Futuresconference** <futuresconference@utu.fi>  
Date: Wed, Apr 3, 2019 at 12:59 PM  
Subject: RE: Constructing Social Futures - Notification of Acceptance  
To: Ramesh Gadhave <ragadhav@sus.ac.in>

Dear Dr. Gadhave Ramesh,

Please, find attached your hotel reservation details. The hotel will be invoicing University of Turku as we are offering accommodation for you.

You may need Hotel Booking Vouchers to Visa related matters.

On Tue 11 June there will be a seminar of the Pecolo Project. You are invited to participate to the seminar. It is free to all participants. Dr. Juha Kaskinen will be occupied to the seminar and guests of the Pecolo project all day. There are people from Peru and Colombia visiting in Turku. I believe that the seminar will be interesting for you. Organisers have not yet published the schedule and program of the seminar, but we will inform you when they do. More information about the Pecolo project: <https://www.utu.fi/en/units/ffrc/research/projects/energy/Pages/pecolo.aspx>

Wed 12 June to Thu 13 June there will be Constructing Social Futures conference in your schedule.

Friday 14 June at about at 10 am to the noon there is a meeting with Dr. Juha Kaskinen. We are planning to organize the meeting in your hotels meeting room. After the meeting Juha will have a lunch with you before leaving to the Airport. The flight on Friday 14 June is leaving from Turku at 2:45 pm. The Airport in Turku is very small and close to city centre. We would need to leave to the airport at about 1:30 or 1:45 pm. About one hour before the flight. There will not be any rush.

With kind regards, Riikka

*Riikka Saarimaa*

*Conference Coordinator*

*Tel. +358 50 304 2772*

*futuresconference@utu.fi*

*www.futuresconference.fi/2019*

**From:** Ramesh Gadhave [mailto:ragadhav@sus.ac.in]  
**Sent:** 8. maaliskuuta 2019 9:48  
**To:** Futuresconference <futuresconference@utu.fi>  
**Subject:** Re: Constructing Social Futures - Notification of Acceptance

Dear Rikka Saarimaa,

Thank you for accepting my paper. I have great pleasure to participate in the conference. kindly send the invitation letter to me for the Visa and other documentation process. I will made online registration and travelling plan along with my colleagues from Solapur University, Solapur. Thanking You.

On Thu, Jan 24, 2019 at 2:01 PM Futuresconference <futuresconference@utu.fi> wrote:

Dear Assistant Professor, Dr. Gadhave Ramesh,

We are kindly informing you that the **registration** to the "Constructing Social Futures" –conference (Turku, Finland, 12-13 June, 2019) is now open.

Aboa Congress and Event Service is taking care of practicalities related to the registration. They have made on-line registration system for the conference. Please click the link and proceed: <https://www.lyyti.fi/reg/Futures2019>

Do not hesitate to contact if you have any questions about the conference.

*With kind regards on behalf of the Organizing team of the conference*

*Riikka Saarimaa*

*Conference Coordinator*

*Finland Futures Research Centre*

*University of Turku*

*FI-20014 University of Turku*

*FINLAND*

*Tel. +358 50 304 2772*

*email:[futuresconference@utu.fi](mailto:futuresconference@utu.fi)*

[www.futuresconference.fi/2019](http://www.futuresconference.fi/2019)

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**From:** Futuresconference  
**Sent:** 21. joulukuuta 2018 10:47  
**To:** ragadhav@sus.ac.in  
**Subject:** Constructing Social Futures - Notification of Acceptance

## CONFIRMATION

Thank you for your reservation. We look forward to your stay. But first, double check your reservation details below. See you soon!

Ramesh Gadhave	Booking number	425924408
	Booking date	19.03.19

## About your reservation

Scandic Julia, Turku

Address: EERIKINKATU 4  
FI-20100 TURKU  
Call: 003582336000  
Email: [julia@scandichotels.com](mailto:julia@scandichotels.com)  
URL: [www.scandichotels.com](http://www.scandichotels.com)

Arrival date	10.06.19
Check-in time	15:00
Departure date	14.06.19
No. of nights	4

### Room and rate description

No. of rooms	1
No. of adults/children	1 / 0
Room type	TWIN ROOM
Rate type	FINNISH GOVERNMENT HANSEL RATE
Total incl. VAT	408.00 EUR
	10.06.19 102.00 EUR
	11.06.19 102.00 EUR
	12.06.19 102.00 EUR
	13.06.19 102.00 EUR
	Breakfast included



If you've made any special requests that are important for your stay, please make sure to contact the hotel to have them confirmed.

### Guarantee Policy

Your reservation is guaranteed in the event of late arrival.

### Cancellation Policy

Cancellation must be made prior to 18.00 on day of arrival. Cancellations made after this time may incur a charge.

### Want to change or cancel?

Changes to your arrival date, departure date or type of room may result in a change in price. This is not applicable for reservations that are not changeable or not refundable.

The largest hotel chain in the Nordic Countries is changing all the time so when you visit us, you might be surprised. Newly built and recently renovated hotels mean there's a lot that's new. But rest assured, the most important thing, our friendly service and your comfort, won't ever change. Look forward to organic breakfasts, super-fast wifi, a shop open 24 hours a day, and bright, modern gyms. Welcome to the new Scandic!

# WELCOME!



Amol Gajdhane <asgajdhane@gmail.com>

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## Constructing Social Futures - Notification of Acceptance

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Futuresconference <futuresconference@utu.fi>  
To: Amol Gajdhane <asgajdhane@gmail.com>

Wed, Apr 3, 2019 at 1:03 PM

Dear Dr. Amol Gajdhane,

Please, find attached your hotel reservation details. The hotel will be Invoicing University of Turku as we are offering accommodation for you.

You may need Hotel Booking Vouchers to Visa related matters. I have sent Vouches of Dr. Mrunalini Fadnavis, Dr.Gautam Kamble and Dr. Gadhane Ramesh for them. Participation of Dr. Dhanraj Patil is still open.

On Tue 11 June there will be a seminar of the Pecolo Project. You are invited to participate to the seminar. It is free to all participants. Dr. Juha Kaskinen will be occupied to the seminar and guests of the Pecolo project all day. There are people from Peru and Colombia visiting in Turku. I believe that the seminar will be interesting for you. Organisers have not yet published the schedule and program of the seminar, but we will inform you when they do. More information about the Pecolo project: <https://www.utu.fi/en/units/frc/research/projects/energy/Pages/pecolo.aspx>

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With kind regards, Riikka

Riikka Saarimaa

Conference Coordinator

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Ramesh Gadhave	Booking number	425924408
	Booking date	19.03.19

## About your reservation

Scandic Julia, Turku

Address: EERIKINKATU 4  
FI-20100 TURKU  
Call: 003582336000  
Email: [julia@scandichotels.com](mailto:julia@scandichotels.com)  
URL: [www.scandichotels.com](http://www.scandichotels.com)

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	12.06.19 102.00 EUR
	13.06.19 102.00 EUR
	Breakfast included



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# WELCOME!