



高雄醫學大學 Kaohsiung Medical University

Add / 100, Shih-Chuan 1st Road, San Ming District, 807 Kaohsiung City, Taiwan, R.O.C  
807高雄市民三區十全一路100號 <http://www.kmu.edu.tw> Tel / 886-7-312-1101

### LETTER of INVITATION

This is a letter of invitation for **Dr. Amit Kumar** [Scientist C, Centre for Climate Change Studies Sathyabama University, Jeppiaar Nagar, Chennai - 600119, Sathyabama University, India].

Dr. A. Kumar as a world expert wants to contribute to our metagenomic studies at hydrothermal vents of Kuaishan Tao and is welcome and actually needed to join our Taiwan team from 23<sup>rd</sup> June to the 8th of **July 2017** when we will do the experimentation in Taiwan.

With regards,

**Hans-Uwe Dahms, Ph.D., D.Sc., Professor**

Kaohsiung 26<sup>th</sup> May 2017,

KMU, Dept. of Biomedical Sciences and Environmental Biology,  
No. 100, Shih-Chuan 1st Road,  
San Ming District, Kaohsiung 80708, Taiwan R.O.C.  
Telephone: 886-(0)7-312-1101-2695  
Cell Phone 886-974-100275

*Hans-U. Dahms*



高雄醫學大學



W.A. **Carlton Ranjith**  
Molecular Nanomedicine &  
Neuroscience research unit  
Centre for Nanoscience and  
Nanotechnology  
Chennai 600119  
India

Bari, **05-02-2018**

Prot. N. 9952 -v/6

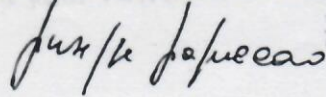
Object: Acceptance letter GlobalDoc project (CUP H96J17000160002)

Dear W.A. Carlton Ranjith,

Please find enclosed the acceptance letter for GlobalDoc Project at the University of Bari Aldo Moro.

Best regards

Mr Giuseppe Giagnacovo

Head of International Mobility Unit  






Office of Vice-President,  
Research and Innovation  
t: (807) 343-8201 f: (807) 766-7105

April 28, 2017

Theerthagiri Jayaraman

Gobichettipalayam (Village & Post)  
Papireddipatti Taluk  
Dharmapuri District  
Tamil Nadu-635, 305 India

Dear Dr. Jayaraman:

I am pleased to offer you a postdoctoral fellow appointment in the Department of Chemistry for the following period: **July 3, 2017** to June 30, 2018. As is customary, this appointment is subject to a three month probationary period. During your appointment, you will be supervised by **Dr. Aicheng Chen, Canada Research Chair in Materials and Environmental Chemistry, Department of Chemistry**, on a research project related to the following topic (as described in the *Lakehead University Request for Post-Doctoral Fellow (PDF) or Visiting Scholar (VS) Appointment/Re-Appointment Form*): "Synthesis and electrochemical study of carbon-based nanomaterials for green chemistry applications."

During your appointment, you will be paid a fellowship of \$35,000/year (to be paid out in equal installments semi-monthly during the term of the appointment). The fellowship will be paid out of Dr. Chen's NSERC Discovery Grant funding. This appointment is conditional upon continued availability of funding.

Enclosed, please find a copy of the Lakehead University Postdoctoral Fellows and Visiting Scholars Policy. In order for you to take up this position, you will be responsible for obtaining the relevant work permit from an immigration officer at a Canadian Consulate or at your port of entry. For clarification, your application for an employment visa does not require Canadian Employment validation of this offer, as you will be in the exempt category of Postdoctoral Fellow (C44). Prior to commencement of this appointment, you are required to provide a copy of your valid work permit to the Office of Research Services. Lakehead University will provide you with the required offer of employment (Labour Market Impact Assessment [LMIA]-exempt) ID number for inclusion in your work permit application form.

You will be responsible for your living expenses, University Health Insurance Plan (UHIP) medical expenses, and travel costs. As a condition of your appointment with Lakehead University, you will be enrolled in the University Health Insurance Plan (UHIP) for a minimum of three months at a cost of \$51 CDN per month. You should be eligible for health insurance through the Ontario government (OHIP), at no cost to you, after a three-month waiting period. Due to this three month waiting period, upon your arrival at Lakehead University, you should immediately apply for OHIP coverage at the Ontario Service Office on 435 James Street South. If applicable, your spouse and/or dependent



children are deemed ineligible for health insurance through the Ontario government, you must enrol and pay for UHIP at a cost of approximately \$51 CDN per person per month. For detailed information regarding UHIP, please visit [www.uhip.ca](http://www.uhip.ca).

Upon your arrival at Lakehead University, please visit Human Resources located at UC 0003 (below the Agora) to obtain the required system ID and to register for health and safety training. Following this, please visit the library to obtain your ID card. You must register with the Lakehead Student Accounts Office and pick up your health insurance card. You will need to see Yvonne Vennes-Kennedy, International Financial Officer, and she is located in the Student Accounts Office- UC 0002 (just down from Human Resources). Yvonne will also process your payment for UHIP at this time. For more information you can email Yvonne at [yvonne.vennes-kennedy@lakeheadu.ca](mailto:yvonne.vennes-kennedy@lakeheadu.ca) or 807-343-8917.

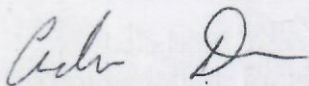
Payments to postdoctoral fellows are normally considered taxable income. Although payments treated as fellowships for income tax purposes do not require withholding tax at source, it may be advisable to have regular tax deductions made. The income is taxable and regular deductions will avoid owing a large amount at the time of filing an income tax return. For more information, contact Canada Revenue Agency [www.cra-arc.gc.ca](http://www.cra-arc.gc.ca). Upon your arrival at Lakehead, please let our Human Resources Department know if you would like income tax deducted at source.

This postdoctoral fellow appointment may be terminated at any time by the University for cause (for example, a material failure to meet the specified service standards), in which case the postdoctoral fellow is not entitled to any further payments beyond those earned for services provided up to the date of the termination of the appointment. For any reason, early termination of the appointment may also occur if either party provides written notice according to the Employment Standards Act.

Lakehead University is committed to providing, upon request, suitable accommodations for all University members with disabilities that take into account the needs of the person with the disability. For further information regarding accommodation, please refer to the following website: <https://www.lakeheadu.ca/current-students/student-services/accessibility/commitments/>.

I look forward to your written acceptance of this offer by May 8, 2017 and to welcoming you to Lakehead University.

Yours sincerely,



Dr. Andrew P. Dean  
Vice-President (Research, and Innovation)

Enclosure

---





**Sathyabama  
University**  
WEBMAIL

Pro Vice-Chancellor Sathyabama University <provc@sathyabamauniversity.ac.in>

## Fwd: SERB-Notification

mrajasekar\_83@yahoo.com <mrajasekar\_83@yahoo.com>  
To: provc@sathyabamauniversity.ac.in

Tue, Aug 8, 2017 at 4:00 PM

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

From: SERB\_Administrator@serbonline.in

Date: Aug 8, 2017 3:25 PM

Subject: SERB-Notification

To:

Cc:



## Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
Department of Science and Technology, Government of India

FILE NO. PDF/2016/000108

### SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 13-Jul-2017

### ORDER

Subject: Research project entitled "**DEVELOPMENT OF MULTICOLOR FLUORESCCEIN-SORBITOL DERIVATIVES FOR BLOOD BRAIN BARRIER PERMEABILITY AND REAL TIME IMAGING STUDIES IN EMBRYONIC ZEBRAFISH**" under the guidance of **Dr. Rajasekar Mani**, Centre for Nanoscience & Nanotechnology, Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119.

1. This is in continuation of SERB's sanction order No. "PDF/2016/000108" dated "21 October, 2016" of **Science and Engineering Research Board (SERB)**.

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 9,10,000/-** (Rupees Nine Lakh Ten Thousand only) under 'Grants-in-aid General' to **Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai** being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 245334/-** (Rupees Two Lakh Forty Five Thousand Three Hundred and Thirty Four only) to Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www.serb.gov.in](http://www.serb.gov.in)).



5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

**This release is being made under National Post Doctoral Fellowship (N-PDF). (EC Life Sciences)**

7. The Sanction has been issued with the approval of the competent authority vide Diary No. **SERB/F/2803/2017-2018** dated **12 July, 2017**

8. The release amount of **Rs. 9,10,000/-** (Rupees Nine Lakh Ten Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| Account Name           | SATHYABAMA UNIVERSITY                                                               |
| Account Number         | 6089858032                                                                          |
| Bank Name & Branch     | INDIAN BANK INDIAN BANK, SATHYABAMA UNIVERSITY BRANCH, JEPPIAAR NAGAR, CHENNAI-119. |
| IFSC/RTGS Code         | IDIB000S201                                                                         |
| Email id of A/C Holder | deanoffice@sathyabamauniversity.ac.in                                               |
| Email id of PI         | mrajasekar_83@yahoo.com                                                             |
| Email id of Mentor     | rajeshnbt12@gmail.com                                                               |

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization certificate (separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science &



CR 1261248  
PO Box 381, PC 121  
Floor No 1, Flat No 15  
Tel: 968-22008809  
E-mail: sales@smart-digitaltech.com



تقنيات رقمية الذكية  
SMART Digital Technologies

Contract

: You will sign contract with Smart Digital Technologies (Oman) LLC as soon as you report to duty. As attachment of Employment Contract, offer letter shall have the same legal effect as the contract.

Commencement Date

: 1/8/2017

Location

: Smart Digital Technologies LLC in the Sultanate of Oman

We are happy to appoint you as a Visiting International Professor cum Advisor in our Data Management and Systems (DMS) Biology group in Smart Digital Technologies at Sultanate of Oman from 01.08.2017- 31.07.2018. With immense pleasure we cordially invite you to share your knowledge and experience with us.

Please feel free to call Smart Digital Technologies, at +968-2208809. Welcome to join in SmartDigiTech(Oman) LLC and look forward to your favorable response regarding this offer.

Please sign it and send one copy back to us.

Best Regards,

Director:

SHAHUL HAMEED

Signature:

Date: 20/7/2017



Dr. R. BEEMA SHAFREEN

(Candidate)

Signature:

Date:



## SERB-Notification

SERB\_Administrator@serbonline.in <SERB\_Administrator@serbonline.in>  
To: "info@serbonline.in"@imsva02.cdacnoida.in

Wed, Mar 29, 2017 at 10:26 AM



**Science and Engineering Research Board**  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
Department of Science and Technology, Government of India

## SCIENCE &amp; ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Sector-B, Pocket-5  
Vasant Kunj  
New Delhi - 110 070

## Approval

## Letter

File Number: PDF/2016/002937

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear **Dr. SUJITHA** M. V.,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

| Sl. No. | Budget Head    | Amount                                |
|---------|----------------|---------------------------------------|
| 1.      | Fellowship     | Rs. 55,000/- per month (consolidated) |
| 2.      | Research Grant | Rs. 2,00,000/- per annum              |
| 3.      | Overheads      | Rs. 1,00,000/- per annum              |

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal [www.serbonline.in](http://www.serbonline.in) along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.
4. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
5. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website [www.serbonline.in](http://www.serbonline.in) for the terms & conditions of the grant.

The above approval letter is valid, subject to the fulfilment of all the eligibility criteria for the NPDP and submission of required documents. NPDP position is applicable only to those not in regular service, if you are holding any part time / fulltime job in any of the institution / organization, please inform the status of the same to SERB before joining the host institution. Please also note that studies involved with human / animal models or with pathogens / stem cells etc. submission of necessary ethical and/or biosafety clearance certificate from appropriate authorities is mandatory for issue of sanction order.



Kindly quote the reference number in all future correspondence. The Fellowship reference no. PDF/2016/002937 should be mentioned in all research outputs (publications/patent etc.) arising from the fellowship.

With kind regards,  
(Dr. Thangaradjou T)

Scientist E

Ph: Ph: 40000345

Email: ttradjou@serb.gov.in

**Dr. SUJITHA M. V.**

**Sathyabama Institute Of Science And Technology , Sathyabama University, Jeppiar Nagar, Rajiv Gandhi Road,  
Chennai, Chennai, Tamil Nadu-600119**

\*\*\*\*\* LEGAL DISCLAIMER \*\*\*\*\*

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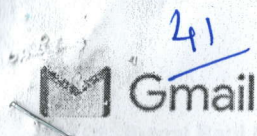
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\*\*\*\*\*

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jhansi rani &lt;jani183lesnar@gmail.com&gt;

**SERB-Notification**

3 messages

SERB\_Administrator@serbonline.in <SERB\_Administrator@serbonline.in>  
 To: "info@serbonline.in"@imsva02.cdacnoida.in

Wed, Mar 29, 2017 at 12:10 PM



**Science and Engineering Research Board**  
 (Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
 Department of Science and Technology, Government of India

**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor  
 Vasant Square Mall  
 Sector-B, Pocket-5  
 Vasant Kunj  
 New Delhi - 110 070

**Approval Letter**

File Number: PDF/2016/003879

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear **Dr. Jhansi Rani Nathan**,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

| Sl. No. | Budget Head    | Amount                                |
|---------|----------------|---------------------------------------|
| 1.      | Fellowship     | Rs. 55,000/- per month (consolidated) |
| 2.      | Research Grant | Rs. 2,00,000/- per annum              |
| 3.      | Overheads      | Rs. 1,00,000/- per annum              |

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal [www.serbonline.in](http://www.serbonline.in) along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.
4. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
5. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website [www.serbonline.in](http://www.serbonline.in) for the terms & conditions of the grant.

The above approval letter is valid, subject to the fulfilment of all the eligibility criteria for the NPDP and submission of required documents. NPDP position is applicable only to those not in regular service, if you are holding any part time / fulltime job in any of the institution / organization, please inform the status of the same to SERB before joining the host institution. Please also note that studies involved with human / animal models or with pathogens / stem cells etc. submission of necessary ethical and/or biosafety clearance certificate from appropriate authorities is mandatory for issue of sanction order.

Kindly quote the reference number in all future correspondence. The Fellowship reference no. **PDF/2016/003879** should be mentioned in all research outputs(publications/patent etc.) arising from the fellowship.

With kind regards,  
 (Dr. Thangaradjou T)

Scientist E



Dr. Jhansi Rani Nathan

Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119

\*\*\*\*\* LEGAL DISCLAIMER \*\*\*\*\*

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\*\*\*\*\*

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---

Jhansi Nathan <[jani183lesnar@gmail.com](mailto:jani183lesnar@gmail.com)>  
To: [carltonbiotec@gmail.com](mailto:carltonbiotec@gmail.com)

Mon, Jun 12, 2017 at 2:40 PM

[Quoted text hidden]

Dr. Jhansi Nathan,  
Post-Doctoral Fellow,  
Dept. of Genetics,  
Dr. ALM PG IBMS,  
University of Madras, Taramani Campus,  
Chennai - 113.

---

Jhansi Nathan <[jani183lesnar@gmail.com](mailto:jani183lesnar@gmail.com)>  
To: Carlton Ranjith <[carltonbiotec@gmail.com](mailto:carltonbiotec@gmail.com)>

Fri, Jul 28, 2017 at 12:33 PM

Dr. Jhansi Nathan,  
National Post-Doctoral Fellow,  
The Centre for Nanoscience and Nanotechnology,  
Sathyabama University,  
Chennai - 600119,  
India.

----- Forwarded message -----  
From: <[SERB\\_Administrator@serbonline.in](mailto:SERB_Administrator@serbonline.in)>  
Date: Wed, Mar 29, 2017 at 12:10 PM  
Subject: SERB-Notification  
To: "info@serbonline.in"@imsva02.cdacnoida.in

[Quoted text hidden]



39

## Approval Letter

UC

(37)

135

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Sector-B, Pocket-5  
Vasant Kunj  
New Delhi - 110 070

File Number: PDF/2016/003016

Approval Letter

Subject: Your application for the award of SERB National Post-Doctoral fellowship  
Dear **Mrs. Suja E.**

Dated: 29-Mar-2017

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

| Sl. No. | Budget Head    | Amount                                |
|---------|----------------|---------------------------------------|
| 1.      | Fellowship     | Rs. 55,000/- per month (consolidated) |
| 2.      | Research Grant | Rs. 2,00,000/- per annum              |
| 3.      | Overheads      | Rs. 1,00,000/- per annum              |

1. You are requested to join the host institute specified in the application within three months from the date of receipt of this letter.
2. After joining the host institute, you are request to upload the joining report through the online portal [www.serbonline.in](http://www.serbonline.in) along with RTGS details of the host institution in the prescribed formats. The formats for the joining report and RTGS details can be downloaded from the online portal.
3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.
4. If you have submitted your thesis and awaiting the award of Ph.D. degree, you will receive Rs. 35000 p.m. (consolidated) as fellowship till you qualify for the eligible degree. The fellowship amount will be enhanced to Rs. 55000 p.m. from the eligible date, on submission of the qualifying degree document. In such a case, you will be required to upload the Ph.D. degree certificate (even if provisional) through the online portal, with intimation to the undersigned by email.
5. You will be governed by the norms of host institution during the tenure of the fellowship. Please visit our website [www.serbonline.in](http://www.serbonline.in) for the terms & conditions of the grant.

The above approval letter is valid, subject to the fulfilment of all the eligibility criteria for the NPDP and submission of required documents. NPDP position is applicable only to those not in regular service, if you are holding any part time / fulltime job in any of the institution / organization, please inform the status of the same to SERB before joining the host institution. Please also note that studies involved with human / animal models or with pathogens / stem cells etc. submission of necessary ethical and/or biosafety clearance certificate from appropriate authorities is mandatory for issue of sanction order.

Kindly quote the reference number in all future correspondence. The Fellowship reference no. **PDF/2016/003016** should be mentioned in all research outputs(publications/patent etc.) arising from the fellowship.

With kind regards,  
(Dr. Thangaradjou T)  
Scientist E

Ph: Ph: 40000345

Email: [ttradjou@serb.gov.in](mailto:ttradjou@serb.gov.in)

Mrs. Suja E

Sathyabama University , Rajiv Gandhi Road, Jeppiaar Nagar, Solinganallur, Chennai, Chennai, Tamil Nadu-600119



Subject: SERB-Notification

From: SERB\_Administrator@serbonline.in (SERB\_Administrator@serbonline.in)

To: info@serbonline.in"@imsva02.cdacnoida.in;

Date: Wednesday, 29 March 2017 11:14 AM

SERB  
India

**Science and Engineering Research Board**  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
Department of Science and Technology, Government of India

**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Sector-B, Pocket-5  
Vasant Kunj  
New Delhi - 110 070

**Approval Letter**

File Number: PDF/2016/003337

Dated: 29-Mar-2017

Subject: Your application for the award of SERB National Post-Doctoral fellowship

Dear **Dr. JayakarSanthosh Devakirubakaran**,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board (SERB) for funding under National Post-Doctoral Fellowship Scheme. The following are the approved items for a period of two years.

| Sl. No. | Budget Head    | Amount                                |
|---------|----------------|---------------------------------------|
| 1.      | Fellowship     | Rs. 55,000/- per month (consolidated) |
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3. The Sanction Order will be issued within a month once the joining report and RTGS details are uploaded in the online portal. The funds are expected to be released to host institution within three weeks of issue of sanction order. The Fellowship will be effective from the date of joining in the host institution.



The total amount of Rs. 2,91,666/- be released to Sathyabama University, Chennai, Tamil Nadu.  
The details of the designated bank account of Sathyabama University are attached.

The award of this fellowship is subject to the following conditions:-

- i. The air ticket for international travel shall be arranged by FICCI by lowest economy class by shortest route on receipt of travel itinerary from fellowship awardees. The fellowship amount sanctioned at (i) and (iii) above shall be released and kept at the disposal of the Indian host University i.e., Sathyabama University, Chennai, Tamil Nadu for incurring the expenditure.
- ii. No re-appropriation of funds from one sub-head to another is allowed.
- iii. Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with refund of un-spent balance amount and the technical report of the work done by the fellowship holder within one month of completion of the fellowship period.



(Mr. Nirankar Saxena)  
Deputy Secretary General, FICCI

To,

1. Mr. RK Sharma, Scientist-E (Director Grade), International Multilateral & Regional Cooperation (IMRC), Department of Science & Technology (DST)
2. Ms. Ritika Kishore, Senior Assistant Director, FICCI (RTF-DCS Secretariat)
3. Dr. Patrick Brice Deeh Defo, University of Dschang, Dschang, Cameroon.

Copy to:

1. Dr. Vinita Vishwakarma, Professor & Scientist - F, Centre for Nano-science and Nanotechnology, Sathyabama University, Chennai, Tamil Nadu
2. Head (IMRC), DST, New Delhi-110016
3. Chief Financial Officer, FICCI
4. Sanction folder/file



(Mr. Nirankar Saxena)  
Deputy Secretary General, FICCI



## Academic Year : 2017-2018

| Name of the Teacher   | Year of Award | Name of the award                                 |
|-----------------------|---------------|---------------------------------------------------|
| Dr.S.Poornapushpakala | 2017          | Top performing mentor,Control Engineering, NPTEL  |
| Sr.S.Barani           | 2017          | Mentor,Introduction to Programming in C, NPTEL    |
| Mr.N.Mathan           | 2018          | UTM Malaysia                                      |
| Dr.N.M.Nandhitha      | 2018          | Topper, Wireless Adhoc and sensor networks, NPTEL |





# CERTIFICATE OF APPRECIATION

is awarded to

**BARANI**

of

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**  
CHENNAI, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

**INTRODUCTION TO PROGRAMMING IN C**



**NPTEL**

| Mentees | Mentees<br>Registered | Mentees<br>Present | Score (in %) |       | Certified (Score in %) |      |         |
|---------|-----------------------|--------------------|--------------|-------|------------------------|------|---------|
|         |                       |                    | <40          | 40-59 | 60-89                  | >=90 | Toppers |
| 30      | 9                     | 9                  | 0            | 6     | 3                      | 0    | 0       |

JUL - DEC 2017

A handwritten signature in black ink, appearing to read 'B. Ramamurthi'.

**PROF. BHASKAR RAMAMURTHI**  
Chairman, NPTEL PIC  
Director, IIT Madras





## *Certificate of Completion*

This Certificate is Awarded In Recognition that

**MATHAN NATARAJAMOORTHY**

From

**Sathyabama University, India**

Has successfully completed the

**UTM Internship / Research Attachment**

At

**Faculty of Faculty of Electrical Engineering  
Universiti Teknologi Malaysia (UTM), Malaysia**

For

**1 February 2018 – 1 August 2018**

**PROF. Ir. Dr. ZAINUDDIN BIN ABD MANAN**  
Deputy Vice Chancellor (Academic & International)  
Universiti Teknologi Malaysia





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**N.M. NANDHITHA**

for successfully completing the course

**Wireless Ad Hoc and Sensor Networks**

with a consolidated score of **87 %**

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.75/25 | Proctored Exam | 66/75 |
|--------------------|----------|----------------|-------|

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **431**

Feb-Mar 2018  
(8 week course)

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS09S1270133

To validate and check scores: <http://nptel.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**D SUSITRA**

for successfully completing the course

**Research Writing**

with a consolidated score of **85 %**

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 23/25 | Proctored Exam | 61.5/75 |
|--------------------|-------|----------------|---------|

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **694**

Feb-Mar 2018  
(4 week course)

**A. Goswami**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18MG1351270205

To validate and check scores: <http://npTEL.ac.in/hoc>



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**R.VANITHA**

for successfully completing the course

**Research Writing**

with a consolidated score of **87 %**

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 25/25 | Proctored Exam | 61.5/75 |
|--------------------|-------|----------------|---------|

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **694**

Feb-Mar 2018  
(4 week course)

**A. Goswami**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18MG1353270141

To validate and check scores: <http://npTEL.ac.in/hoc>





# CERTIFICATE OF APPRECIATION

is awarded to

**D.GODWIN IMMANUEL**

of

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**  
CHENNAI, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

**POWER SYSTEM ANALYSIS**



**NPTEL**

| Mentees | Mentees<br>Registered | Mentees<br>Present | Score (in %) |       |       |      | Toppers |
|---------|-----------------------|--------------------|--------------|-------|-------|------|---------|
|         |                       |                    | <40          | 40-59 | 60-89 | >=90 |         |
| 51      | 17                    | 15                 | 0            | 10    | 5     | 0    | 1       |

**PROF. BHASKAR RAMAMURTHI**  
Chairman, NPTEL PIC  
Director, IIT Madras





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KAVITHA M**

for successfully completing the course

## Power System Analysis

with a consolidated score of **89 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.25/25 | Proctored Exam | 65.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **548**

Prof. Anupam Basu  
Chairman and Head  
Centre for Educational Technology, IIT Kharagpur

**Jul-Oct 2017**  
**(12 week course)**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL17EC08S2230958

To validate and check scores: <http://nptel.ac.in/noc>





# CERTIFICATE OF APPRECIATION

is awarded to

**MEENA DEVI**

of

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY  
CHENNAI, TAMIL NADU**

in recognition of his/her role as mentor for the NPTEL Online Certification course  
**BASIC ELECTRICAL CIRCUITS**



2017-18  
100

mentor  
certificate

2022/2/17 12:02



| Mentors | Mentors<br>Registered | Mentors<br>Present | Score (in %) |       | Certified (Score in %) |     |         |
|---------|-----------------------|--------------------|--------------|-------|------------------------|-----|---------|
|         |                       |                    | <40          | 40-59 | 60-89                  | >90 | Toppers |
| 22      | 5                     | 5                  | 2            | 3     | 1                      | 0   | 1       |

B. M.

**PROF. BHASKAR RAMAMURTHI**  
Chairman, NPTEL PIC  
Director, IIT Madras



## NPTEL Online Certification

Course Instructor

Certificate Type

Score distribution

Toppers list

### Industrial Instrumentation - Toppers



AMALA RANI V **77%**

SATHYABAMA UNIVERSITY





Carbohydrate Polymers

# Certificate of Reviewing

Awarded since December 2017 (1 review)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of Carbohydrate Polymers







Fungal Biology

# Certificate of Reviewing

Awarded since November 2017 (1 review)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of Fungal Biology







Vacuum

# Certificate of Reviewing

Awarded since November 2017 (1 review)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of Vacuum







Innovative Food Science  
and Emerging Technologies

# Certificate of Reviewing

Awarded since October 2017 (2 reviews)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of Innovative Food Science and Emerging Technologies







# South African Journal of Chemical Engineering

## Certificate of Reviewing

Awarded since May 2018 (2 reviews)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of South African Journal of Chemical Engineering







Saudi Dental Journal

# Certificate of Reviewing

Awarded since May 2018 (1 review)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of Saudi Dental Journal







Biocatalysis and Agricultural Biotechnology

# Certificate of Reviewing

Awarded since December 2017 (8 reviews)  
presented to

**ANIMA NANDA**

in recognition of the review contributed to the journal

The Editors of Biocatalysis and Agricultural Biotechnology







Roll No: NPTEL17BT21S2230984

To  
SATHYABAMA UNIVERSITY  
CHENNAI

128/281



| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DR S KRISHNAKUMAR**  
for successfully completing the course  
**Cell Culture Technologies**

with a consolidated score of **82 %**

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.75/25 | Proctored Exam | 58.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **613**

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

Aug-Oct 2017  
(8 week course)

Sathyaki Roy

Prof. Sathyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL17BT21S2230984

To validate and check scores: <http://npTEL.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DR J PREMKUMAR**

for successfully completing the course

**Biomedical Nanotechnology**

with a consolidated score of **64 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.25/25 | Proctored Exam | 39.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **576**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jul-Aug 2017  
(4 week course)



Indian Institute of Technology Roorkee

Roll No NPTEL17BT17S1221922

To validate and check scores <http://nptel.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**DR T SUDHAKAR**

*for successfully completing the course*

**Biomedical Nanotechnology**

*with a consolidated score of 72 %*

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.25/25 | Proctored Exam | 48/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 576

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jul-Aug 2017  
(4 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL17BT17S1221490

To

SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL:1



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SINDU DIVAKARAN**  
for successfully completing the course

## Biomedical Nanotechnology

with a consolidated score of **75 %**

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.25/25 | Proctored Exam | 51/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **576**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jul-Aug 2017  
(4 week course)



Indian Institute of Technology Roorkee

Roll No: NPTEL17BT17S1221490

To validate and check scores: <http://npTEL.ac.in/noc>





Roll No:NPTEL17BT17S1220911

To

SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL:1



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BETHANNEY JANNEY J**  
for successfully completing the course

## Biomedical Nanotechnology

with a consolidated score of **67 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.25/25 | Proctored Exam | 42.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **576**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jul-Aug 2017  
(4 week course)



Indian Institute of Technology Roorkee

Roll No: NPTEL17BT17S1220911

To validate and check scores: <http://npTEL.ac.in/noc>



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CATHERINE S**

for successfully completing the course

**Educational Leadership**

with a consolidated score of **82 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.25/25 | Proctored Exam | 59.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **182**

Prof. Anupam Basu  
Chairman and Head

Centre for Educational Technology, IIT Kharagpur

**Jul-Sep 2017**  
**(8 week course)**

**A. Goswami**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL17HS33S2230559

To

SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NISHA K**

for successfully completing the course

## Educational Leadership

with a consolidated score of **66 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 18.75/25 | Proctored Exam | 47.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **182**

Prof. Anupam Basu  
Chairman and Head

Centre for Educational Technology, IIT Kharagpur

Jul-Sep 2017

(8 week course)

Prof. Adrijit Goswami  
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**S.KAVITHA**

for successfully completing the course

## Developing Soft Skills And Personality

with a consolidated score of **79 %**

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 23/25 | Proctored Exam | 56.25/75 |
|--------------------|-------|----------------|----------|

Total number of candidates certified in this course: **2073**

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

**Jul-Sep 2017**  
**(8 week course)**

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No NPTEL17HS31S2230954

To validate and check scores: <http://nptel.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**EBIN HARRISON S**  
for successfully completing the course

## Introduction To Psychology

with a consolidated score of **62 %**

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 19.5/25 | Proctored Exam | 42.75/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **372**

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

**Jul-Sep 2017**  
**(8 week course)**

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL17HS30S2231232

To validate and check scores: <http://nptel.ac.in/noc>



**Elite**

# **NPTEL Online Certification**

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARULMALAR RAMARAJ**

for successfully completing the course

## **Introduction To Psychology**

with a consolidated score of **71 %**

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 19.5/25 | Proctored Exam | 51/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: **372**

T. V. Prabhakar

Prof. T. V. Prabhakar  
Chairman  
In-charge Continuing Education, IITK

Jul-Sep 2017  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



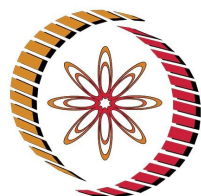


Roll No:NPTEL17HS30S1220519

To  
SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANGHAVI.V.V**

for successfully completing the course

## Introduction To Psychology

with a consolidated score of **63 %**

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 16.75/25 | Proctored Exam | 46.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **372**

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

Jul-Sep 2017  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL17HS30S1220519

To validate and check scores: <http://npTEL.ac.in/noc>



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SURYA RAJKUMAR**

for successfully completing the course

**Principles and Applications of Building Science**

with a consolidated score of **60 %**

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 21/25 | Proctored Exam | 39/75 |
|--------------------|-------|----------------|-------|

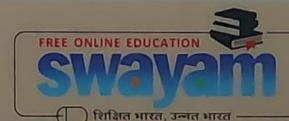
Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **127**

**Feb-Mar 2018**  
**(4 week course)**



Indian Institute of Technology Roorkee



Roll No: NPTEL18AR01S4270295

To validate and check scores: <http://nptel.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**EBIN HARRISON S**

for successfully completing the course

**Principles and Applications of Building Science**

with a consolidated score of **60 %**

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.75/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **127**

**Feb-Mar 2018**  
**(4 week course)**



Indian Institute of Technology Roorkee



Roll No: NPTEL18AR01S4270159

To validate and check scores: <http://nptel.ac.in/noc>



Roll No:NPTEL18AR01S4270017

To

SANGHAVI.V.V  
NO.28, SUDHA PALACE , MADURAKAVI STREET  
EAST TAMBARAM  
CHENNAI  
TAMIL NADU  
600059  
PH. NO :9940598091



No. of credits recommended by NPTEL:1

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |



Elite

**NPTEL Online Certification**

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**Sanghavi.V.V**

for successfully completing the course

**Principles and Applications of Building Science**

with a consolidated score of **62 %**

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 20/25 | Proctored Exam | 42.25/75 |
|--------------------|-------|----------------|----------|

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **127**

**Feb-Mar 2018**  
**(4 week course)**



Indian Institute of Technology Roorkee



Roll No: NPTEL18AR01S4270017

To validate and check scores: <http://nptel.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



TOPPER

This certificate is awarded to

**VENKATESAN.D**

for successfully completing the course



## Phase Equilibrium Thermodynamics

with a consolidated score of **98 %**

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.25/25 | Proctored Exam | 73.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **78**

Prof. Anupam Basu  
Chairman and Head

Centre for Educational Technology, IIT Kharagpur

**Jul-Sep 2017**  
**(8 week course)**

Prof. Adrijit Goswami  
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL17CH10S1220638

To validate and check scores: <http://nptel.ac.in/noc>



Roll No: NPTEL17CY01S1220086

To  
SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL: 2



TOPPER

Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**V.KAVITHA**

for successfully completing the course

## Basics Of Fluorescence Spectroscopy

with a consolidated score of **91 %**

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 23/25 | Proctored Exam | 68.25/75 |
|--------------------|-------|----------------|----------|

Total number of candidates certified in this course: **19**

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

Jul-Sep 2017  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

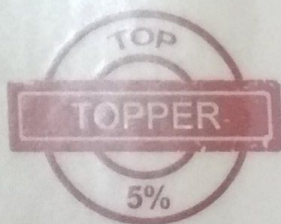


Indian Institute of Technology Kanpur

Roll No: NPTEL17CY01S1220086

To validate and check scores: <http://npTEL.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**S. SUPRIYA**

for successfully completing the course

## Co-ordination Chemistry (Chemistry Of Transition Elements)

with a consolidated score of **86 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.75/25 | Proctored Exam | 63.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **171**

Prof. Anupam Basu  
Chairman and Head  
Centre for Educational Technology, IIT Kharagpur

**Jul-Oct 2017**  
**(12 week course)**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL17CY10S2230101

To validate and check scores: <http://nptel.ac.in/noc>



Roll No:NPTEL17CY11S2231176

To

SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**T. KRITHIGA**

for successfully completing the course

**Stereochemistry**

with a consolidated score of **80 %**

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.75/25 | Proctored Exam | 54.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **102**

Prof. Anupam Basu  
Chairman and Head

Centre for Educational Technology, IIT Kharagpur

**Jul-Sep 2017**  
**(8 week course)**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL17CY11S2231176

To validate and check scores: <http://npTEL.ac.in/noc>





Roll No: NPTEL17MA17S2231819

To  
SATHYABAMA UNIVERSITY  
CHENNAI

| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**R JEBERSON RETNA RAJ**  
for successfully completing the course

## Introduction To R Software

with a consolidated score of **60 %**

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 24.5/25 | Proctored Exam | 35.25/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **657**

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

Jul-Sep 2017  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL17MA17S2231819

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL17CS41S2230402

To  
SATHYABAMA UNIVERSITY  
CHENNAI

128/156



| Score     | Type of Certificate               |
|-----------|-----------------------------------|
| $\geq 90$ | Elite + Gold Medal                |
| 60-89     | Elite                             |
| 40-59     | Successfully Completed the course |
| $< 40$    | No Certificate                    |

No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**R JEBERSON RETNA RAJ**

for successfully completing the course

## Social Networks

with a consolidated score of **57 %**

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.25/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **147**

*A. Ramesh*

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

**Jul-Oct 2017**  
**(12 week course)**

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras

In partnership with  
**NASSCOM**

Roll No: NPTEL17CS41S2230402

To validate and check scores: <http://npTEL.ac.in/noc>





# Certificate of Recognition



**Maria Anu V**

Has been awarded the following status  
in recognition of their achievements:

**Certified Microsoft Innovative  
Educator**

JAN 20, 2018

A handwritten signature in black ink, appearing to read "Anthony".

Anthony Salcito  
Vice President, Worldwide Education

[Education.microsoft.com](http://Education.microsoft.com)