

#### Young Woman in Science -Reg

#### Chair VIWA 2018 < viwa2018@venusinfo.org>

Wed, Jan 24, 2018 at 12:47 PM

To: thejaswinivenkatesh5@gmail.com, thejaswinivenkatesh@cukerala.ac.in

Dear Dr. Thejaswini Venkatesh,

With reference to your nomination application submitted to the Venus International Women Awards-VIWA 2018 (call for nominations

opened on 15th November, 2017 vide F. No. VIF/CFN/WA/ 2018), I hereby inform that, based on the Expert Committee report and Apex Committee

recommendations, you have been selected as a YOUNG WOMAN IN SCIENCE for your initiatives and developments in the field of Biochemistry and Molecular Biology.

Please find the attachments. Congratulations once again.

We wish you good luck in this association and expect your support in this Endeavour.

#### Best regards

Dr. R. Sathishkumar, PhD (Engg.).,

+91 9840556456 | 044-22531502 | General Chair-VIWA 2018 | http://viwa.info/

Venus International Foundation,

(Regd. Trust in India dt. Jan. 20, 2015 | PAN: AABTV9686L | GSTIN: 33AABTV9686L1ZN | ISO 9001:2008 Certified) No. 1, Ganesh Nagar Main Road, Adambakkam, Chennai-600088, India.

#### Note:

- 1. Winner Profile: We create an exclusive webpage for the Award Winner. (Eg.: http://viwa.info/2017/medical/Shefaly.html) Please find the attachment for sample file (template structure). Kindly send your data in the same format on or before February 20, 2018.
- 2. PFA for AWM 2018 Process file. It describes the total processes in steps. This is for your kind information.

#### 4 attachments



2132 Thejaswini Venkatesh\_Yes.pdf





2. AWM 2018 Reg. Form\_Indian Woman.docx 46K



**AWM 2018 Process.pdf** 34K



**0. Sample Profile\_VIWA 2018.doc** 1701K







Smt.K.K.SHYLAJA TEACHER Minister of Health Social Justice & Women and Child department

Presented to

Dr.Rajendra Pilankatta
(Associate Professor and Head,

(Associate Professor and Head, Dept. of Bio chemistry & Molecular Biology Central University Kerala) and his Academic Team of Dept. of Biology Central University Kerala for their excellent services in Covid 19 prevention and control activities in Kasaragod District





#### Compendium Information for BIRAC 9th BIRAC Innovators Meet on 1st March - 3rd March, 2021

BIRAC <br/>
biracbig.dbt@nic.in><br/>
Reply-To: BIRAC <br/>
biracbig.dbt@nic.in><br/>
To: aswati@cukerala.ac.in<br/>
Co: ashukla.birac@nic.in. user2.birac@nic.in

Fri, Jan 29, 2021 at 6:12 PM

#### Dear Innovator,

#### Greetings from BIRAC!

You will be pleased to know that BIRAC is organizing the **9th BIRAC Innovators Meet as part of the Global Bio India 2021 during 1st - 3rd March, 2021.** The Innovators Meet is an excellent platform for innovators to network with key stakeholders, peer group and showcase the innovations and achievements to them.

Like previous years, BIRAC would come up with different publications covering details of innovations supported under various schemes. One of these publications is the Compendium, which provides information about the ongoing and recently completed projects. All the publications have a wide circulation amongst mentors, investors, key opinion leaders and provide an excellent opportunity to innovators to showcase their innovative ideas to this rarely accessible group of experts. We have selected your innovation to be covered as part of our **Compendium 2021**.

Please provide required information by filing in the online questionnaire accessible through your Project Log In on the BIRAC Portal



#### केरल केंद्रीय वशिववदियालय

#### CENTRAL UNIVERSITY OF KERALA

Established under the Central Universities Parliament Act 2009

#### DEPARTMENT OF CHEMISTRY



#### Certificate

This is to certify that the oral presentation entitled, 'Rhodium-porphyrins complexes: preparation, heterogenization & its catalytic application for hydrogenation of biomass model compound' delivered by Ms. ANJALI K., has been selected for the SECOND BEST ORAL PRESENTAION award in Virtual Conference on 'Recent Advances in Bis and Tetra-Pyrrolic Molecular Materials' organized by Department of Chemistry, Central University of Kerala during 24-26th August, 2020.

Dr. Ravi Kumar Kanaparthi Convenor

Prof. A. Sakthivel Head of the Department Prof. Prathapachandra Kurup Dean, SPS



#### Central University of Kerala

Tejaswini Hills, Periya (P.O), Kasaragod (Dist.), Kerala - 671 316.



#### National Science Day Celebration-2019

Science for People and People for Science

Communicating Science for All

#### CERTIFICATE

This is to certify that **W.s. Aujali** X, Research Scholar, Department of Chemistry, CUK has participated in the "Research Scholar research work oral presentation" and won First prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

Prof. (Dr.) G. Gopa Kumar Vice Chancellor

Central University of Kerala

Dr. A. Sakthivel

National Science day celebration 2019

published for RTM Nagpur University by Sivali Publications, Nagpur ISBN No. 978 81 934270

#### 2. Nimisha M. N.

a. Presented a Paper titled "Gender Terminologies in Management Literature: A Feminine Perspective" at the International Colloquium on Literature, Theory and History of Ideas organized by MSM 3.Shetty Sai Dinesh College, Kayamkulam, Alappuzha, in collaboration with the Centre for Cultural Studies, University of Kerala and sponsored by the Kerala State Higher Education Council, Govt. of Kerala, on 04th

- October, 2018.
- b. Presented a Paper on "Globalization and Labour Rights of Women in India" in the National Seminar on Structural Policies and Sectoral Impacts: Theory and Empirics, organized by the Dept. of Economics, Govt. College, Kasaragod on 8<sup>th</sup> and 9<sup>th</sup> November 2018.

a. Presented a Paper on "E-Waste Management Policies and E-Governance Programmes in India at the 8<sup>th</sup> International Conference on Sustainable Waste 4. Sruthi Vijayakrishnan Management, organized by International Society of Waste

- Management, Air and Water held from 22<sup>nd</sup> 24<sup>th</sup> November, 2018 at Acharya Nagarjuna University, Guntur.
- b.Presented a Paper on "E-Waste Management Policies and E-Governance Programmes in the National Conference on Emerging Issues on Society, Ecomomy and Governance organized by the Association of the Socio-Economic Development Studies at Giri Institute of Development Studies, Lucknow on 06th & 07th November, 2018.

- a. Presented a Paper in the International Conference on Language, Literature and Gender Studies organized by Dr. Govind Chandra Mishra Educational Foundation held at JNU, New Delhi on 17<sup>th</sup> Novemebr, 2018 titled "Suicidal Behavior among Women: Analysis from South Indian States."
- b. Presented a Paper on "Women Employees of India Leaving Their Jobs in Mid-Career: Analysis from IT Sector" in the National Conference on Role of Women in New India organized by Department of Sociology, Govt. Girls PG College, Banda, UP sponsored by ICSSR, New Delhi held on 03<sup>rd</sup> & 04<sup>th</sup> November, 2018.

#### 5. Sivaprasad V.

a. Presented a Paper on "Socio-Economic Transformation and its Relation to Behavioural Changes in Indian Public Administration" at the XLII Indian Social Science Congress held from 27<sup>th</sup> 31<sup>st</sup> December, 2018 at KIIT Deemed to be University, Bhubaneshwar.

#### **Department of Chemistry**



Dr. A. Sakthivel from the Department of Chemistry was awarded the DST-SERB-travel grant to participate in the 3<sup>rd</sup> International Conference on Emerging Advanced Nanomaterials (ICEAN-2018), which was held at Newcastle, Australia, from 30<sup>th</sup> October 2018 to 2<sup>nd</sup> November 2018. Dr. Sakthivel also delivered an invited talk titled "Group VIII metal based hydrotalcite type materials; the research work was undertaken by Ms. Sreenavya in his research group. Dr. Sakthivel also chaired a session during the conference event.



Ms. Sreenavya, A, and Anjali, K, Ph.D. Scholars of the Department of Chemistry, working under the supervision of Dr. A. Sakthivel, presented their research work at the "International Conference on Modern Trends in Chemical Sciences including Green Chemistry (MTCSGC-2018), which was held at SRM Institute, Chennai, during 27-29<sup>th</sup> December 2018. Ms. Sreenavya, A, has received best post presentation (3<sup>rd</sup> Prize) for the presentation of her research work.

Prof. M. Padmanabhan of Amrita Vishwa Vidyapeetham, Amritapuri, Kerala gave a lecture entitled 'A Closer Look at Some Metalloproteins' in the Department of Chemistry on 15/01/2019.



# SKM INSTITUTE OF SCIENCE AND TECHNOLOGY, KAMAPUKAM, CHENNAL ASSOCIATION OF CHEMISTRY TEACHERS, MUMBAI

RASAYAN JOURNAL OF CHEMISTRY

RASAYAN JOURNAL OF CHEMISTRY

# MODERN TRENDS IN CHEMICAL SCIENCES INCLUDING GREEN CHEMISTRY (MTCSGC-2018) INTERNATIONAL CONFERENCE ON

## Certificate

(Nism.-HE). Prepanation, Chanacterization and Catalytic Application on Paduction of Nitm.-Dengen in the International Conference on Modern Trends in Chemical Sciences including Green Chemistry (MTCSGC-2018) organized by participated and presented a paper (Oral/Poster) entitled ... Nickel - Ruthenium. Hydrokalcibe Type Materials This is to certify that Dr. / Mr / Ms... A .... A Mee na. Yya...

Association of Chemistry Teachers, Mumbai, SRM Institute of Science and Technology, Ramapuram campus, Chennai-89 and

Rasayan Journal of Chemistry during 27th 29th December, 2018.

SRM Institute of Science and Technology Head, Department of Chemistry Ramapuram, Chennai-89 Prof. Helen P. Kavitha

Convene

Former Head, Department of Chemistry Wilson College, Mumbai Prof. D. V. Prabhu

General Secretary, Association of Chemistry Teachers

SRM Institute of Science and Technology Ramapuram, Chennai-89 Dr. V. Subbiah Bharathi



# INDIAN COUNCIL OF CHEMISTS

37th Annual National Conference





# PROF. C.P. BHASIN AWARD - 2018

paper in Inorganic Chemistry Section in the 37th Annual National Conference of awarded the Prof. C.P. Bhasin Award for the best ORAL presentation of his/her of Depth of Chemistry, School of Physical Scies, Central Chive softy of Kesalahas been Indian Council of Chemists held at National Institute of Technology Karnataka This is to certify that DrISriIMs. Sneelekha E. Aswallu S. (NITK), Surathkal, Mangalore - 575025 (Karnataka) on 12<sup>th</sup> - 14<sup>th</sup> December, 2018.

- GCGCKGBCK

(Dr. G.C. Saxena) President



#### **Ministry of Finance**

Government of India

#### Central Board of Direct Taxes

This is to certify that Mr/Ms MALLIKARJUNAPPA THATHAIAH (PAN: ADYPT4728P) has paid taxes for the Assessment Year 2019-20 and filed the Income Tax return. We appreciate the taxpayer, in the Bronze' category in recognition, of the contribution towards building this great Nation.









#### Award for 2020-21 Tax Filing

#### **Proud Tax Filer**

PAN-AXXXXX728P Honoring the Honest-Use/Share the Proud Filer Badge Yahoo/IT-EFile

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	<b>DONOTREPLY@incometaxindiaefiling.gov.in</b> <donotreply@incometaxindiaefiling.gov.in n=""></donotreply@incometaxindiaefiling.gov.in>
	To:tmmallik@yahoo.com
	Wed, Jan 6 at 11:17 PM
	Thathaiah Mallikarjunappa
)	
)	





WEAR YOUR PRIDE AND BE AN INSPIRATION TO OTHERS TO FILE THEIR INCOME TAX RETURN, BY ADDING THIS BADGE TO YOUR FACEBOOK PROFILE PICTURE.

#### **HOW TO USE THE FACEBOOK BADGE**

STEP1: OPEN YOUR FACEBOOK MOBILE APP

STEP2: CLICK ON 'PROFILE PIC AND SELECT 'ADD FRAME'

STEP3: SEARCH FOR 'PROUD FILER'

STEP4: CLICK ON SAVE





# 29th Swadeshi Science Congress





Sastra Bhavan, B-4, 4th Floor, Mather Square, Town Railway Station Road, Kochi - 682 018

In association with:

ICAR-Central Plantation Crops Institute, Kasaragod and Central University, Kasaragod

NATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

# Certificate

occurring epi, lepsy in dogs using intra manial electro encephalogram signals, by Fasil O.K. and R. Rajesh is selected as the best paper presented by Fasil O.K., CUK, Kasanagad is selected as the best paper This is to certify that the research paper titled "Automotic detection of naturally

in the session on Enga & Math. Science Swadeshi Science Congress 2020 held at ICAR-CPCRI, Kasaragod during 27-29 February, 2020.

8

**Dr. Anitha Karun**Director
ICAR-CPCRI, Kasaragod

E

**Dr. A.R.S. Menon**Secretary
SSM-K, Kochi











Lakshmi Mittal South Asia Institute, Harvard University

#### CERTIFICATE OF COMPLETION

This is to certify that

MINU M NAIR

Has completed the Boston Bangalore Biosciences Beginnings (B4) Program's

#### Genomics in Healthcare and Translational Research

Two weeks Hands-on Workshop

December 10-23, 2017, IBAB, Bengaluru, Karnataka, India

Olice

Prof. Tarun Khanna, Director, Harvard South Asia Institute and Jorge Paulo Lemann Professor, Harvard Business School Dr. Renu Swarup, Senior Adviser, Department of Biotechnology, Ministry of Science & Technology, Government of India Prof. N Yathindra, Director, Institute of Bioinformatics and Applied Biotechnology (IBAB Bangalore) No: DST/INSPIRE Fellowship/[IF160622]
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE and TECHNOLOGY
Department of Science and Technology
Technology Bhawan, New Mehrauli Road
New Delhi-110016

Date: 9 August, 2017

#### Subject: Award of INSPIRE Fellowship to the Research Students [IF160622]

#### Dear Minu M Nair,

The Government of India has launched a unique Scheme "Innovation in Science Pursuit for Inspired Research (INSPIRE)" with several components. INSPIRE Fellowship provides fellowship in Basic and Applied Sciences. I am pleased to inform you that you have been Selected for the award of INSPIRE Fellowship to hostthe same at the University/Institute/College/National Laboratory as indicated in the application form of your subsequent admission.

The value of the Fellowship will be at Par with the Junior Research Fellowship (JRF)/ Senior Research Fellowship (SRF) of Government of India along with a Contingency grant. The Fellowship shall be available to you from INSPIRE Fellowship Effective Date (which will be communicated through 1st Sanction Order) for a period of five years or completion of your doctoral (PhD) program, whichever is earlier.

If you are willing to join or switching over from earlier fellowship to INSPIRE Fellowship, you will require to upload the scan copy of Joining-cum-Acceptance Letter (JCA) (available at http://inspire-dst.gov.in/JoiningReport.pdf, and at template in your online dashboard), and also submit Bank details of your Host Institute along with the scan copy of cancelled blank cheque of given account details within one month from the date of this letter, in your online portal only, for taking necessary actions at INSPIRE Program Secretariat for releasing of your fellowship amount. Please also note that in the JCA Letter the Host Institution, Research Supervisor and Research Topic shall not be change or modification from initially submitted documents/ information for Final Offer.The Terms & Conditions for implementation of INSPIRE Fellowship are enclosed herewith.

#### Docuents submitted in any other modes like email attachment or by post or in-person shall not be acceptable.

In the event of your having being found ineligible at any state in future for the award/eligibility for INSPIRE Fellowship due to any reason(including unintentional computer error or printer's devil etc) this offer will be deemed withdrawn.

Dr. S. Mallikarjuna Babu

Scientist 'C'

Minu M Nair

C/O : Manoj Kumar T R

Address: Minnaram, Pavithreswaram (P.O), Puthur, Kollam

City: Kollam

State/UT: KERALA - 691507

This is a Computer Generated Offer Letter, No Signature is required

Date: 9 August, 2017

#### **GENERAL INSTRUCTIONS**

Dear Minu M Nair,

#### Please note that these documents are necessary to upload within one month from the date of this letter at INSPIRE Online Webportal only for financial release after final selection

- 1. Joining-cum-Acceptance (JCA) Letter for INSPIRE Fellowship (template available in your dashboard in online portal))
- 2. Relieving Order from previous Fellowship/Job (if availing).
- 3. Copy of Cancelled Blank Cheque of the Host University/ College/ Institute Account for transferring the fund (Account should be registered in Public Financial Management System: https://pfms.nic.in).
- PFMS registration certificate, or Unique Agency Code in case of University/College/Institute is newly registered in Public Financial Management System.
- 5. Since the fund would be transferred under Science & Technology Institutional and Human Capacity Building (1817), Hence bank account number of Host University/College/Institute should be registered under this scheme in PFMS.
- Please note that these documents are necessary to upload within one month from the date of this letter at INSPIRE Online
  Webportal only, otherwise it will be treated as the candidate has not intrested in accepting the INSPIRE Fellowship.

Thanking you,

Dr. S. Mallikarjuna Babu

Scientist 'C'

#### **INSPIRE Fellowship Guidelines (April 2016)**

#### In suppression of previous guidelines, this new guideline will now be effected from April 2016 for all INSPIRE Fellows

Mode of application: Online

#### Selection Process:

Two-tier selection process i.e. screening of eligible applications by an Internal Committee, followed by final selection through an Expert Committee shall be used. However, the selection process will be expected to complete within 6 months from the last date of submission of application at the DST and the result of the selection process will be communicated to individual selected candidate through online webportal (www.online-inspire.gov.in) only. No hardcopy of the Offer Letter (Provisional & Final) shall be sent to the candidate by any other modes.

#### **Eligibility:**

- •INSPIRE Scholar having secured minimum 65% marks in aggregate or equivalent CGPA at MSc or Integrated MS/ MSc course.
- •1<sup>St</sup> Rank Holders at University Level Examination (not at Autonomous College Level examination) of overall full time post-graduate program in science, engineering /technology / agriculture / pharmacy / other applied science streams and undergraduate in Medicine i.e. MBBS. However, University shall consider providing 1<sup>St</sup> Rank to a student having a minimum batch size of 10 students in that University level examination with minimum aggregate of 60% marks of the entire course/ program. Toppers in any subject specialization in post-graduation 2<sup>nd</sup> year are not eligible. However, merely fulfilling the eligibility criteria for the INSPIRE Fellowship will not guarantee for the final offer of fellowship. Expert Committee will finally take decision on selections based on the academic merit, research proposal, host institution etc. submitted by the candidate.

#### **Terms and Conditions:**

#### 1. General

- •This Fellowship shall be available only for pursuing full-time PhD program in any recognized University / Institution/ R&D Laboratory/ in the country.
- •The Junior Research Fellow (JRF) or Senior Research Fellow (SRF) under this scheme shall be termed as INSPIRE Fellow.
- •The Fellowship shall be governed through the Office Memorandum of this Ministry of Number A.20020/11/97-IFD dated 6<sup>th</sup> August 2007, 31<sup>st</sup> March 2010 and 21<sup>st</sup> October 2014 [No. SR/S9/Z-09/2012] shall be liable to be revised from time to time as per Government Order. However, the HRA to the Fellows shall also be applicable as per Gol norms i.e. 30% or 20% or 10%, depending upon the location of the Host Institution.
- •The Fellowship shall be tenable for a maximum period of five years or completion of the PhD program (i.e. till the final defend of the PhD Thesis), whichever is earlier.

#### 2. Issuing of Fellowship Offer:

- •Availing multiple (more than one) fellowships concurrently from different sources will not be allowed.
- •In case of availing any fellowship prior to INSPIRE Fellowship, the Effective Date of availing INSPIRE Fellowship would be as under:
- •Fresh applicants who have already taken admission into PhD course prior to submission of application, the date of acceptance or joining or switching over from any other fellowship to INSPIRE Fellowship will be the Effective Date. However, in any case the Effective Date would not earlier than the date of application received at the DST.
- •Applicant who will be placed under "Provisional Selection" category during the selection process and subsequently issued "Final Offer" by gaining admission into PhD, "the date of issuing Final Offer" will be the "Effective Date" for the INSPIRE Fellowship. However, in case the Candidate already enjoying some other fellowship and resigns to join in to INSPIRE Fellowship, the "Effective Date" would only after the date of resignation. In no case the candidate would be allowed to resign from other fellowship before date of Final Offer of INSPIRE Fellowship. For Final selection under INSPIRE Fellowship, the admission into PhD program is necessary.
- •Upon Final Selection under INSPIRE Fellowship, the Fellow or the Host-Institution / University shall require to inform DST (by uploading in online portal) about the date of joining of the INSPIRE Fellow in that Institution / University in the Format of Joining- cum-Acceptance Letter, provided by the DST-INSPIRE Program Division within one month of date of issuing the final offer, failing which, his/her Final Offer will be liable for cancellation and no further correspondence will be entertained in this matter.

#### 3. Change of Host Institute:

•Since the final selection to offer INSPIRE Fellowship has the weight-age on Research Proposal and type of Host Institute, Fellows are advised to firm up carefully both Research Proposal and Host Institute before uploading such documents to the Webportal. Once the Final Offer is made by DST-INSPIRE based on these, the INSPIRE Fellow shall not be allowed for transferring the Fellowship to any other University/ Institute / Laboratory in the country or change of Research Proposal during 5 years of Fellowship tenure in any situation, except in a very extra-ordinary circumstances like dislocation due to marriage (for a female candidate), death of present Research Supervisor, proven case of sexual harassment etc., Even in such cases, the new Research Proposal and new Host Institute need to be evaluated again for consideration of any change and the outcome of evaluation by the Expert Member shall be accepted to the Fellow. In no other reason, such request for change of Research Proposal or Host Institute would be accepted from any Fellow. In case change is acceptable due to any of the reasons above, the Fellow must seek prior permission from DST-INSPIRE Program Division for such change of Host Institution by submitting following documents:

i.No Objection Certificates (NOCs) from both Host Institutes and Research Supervisors,

ii. Detailed Justifications for changing / shifting of Host Institute for implementation of Fellowship,

iii.Area of PhD works with an up to date technical Progress Report,

iv.CV of the Research Supervisor at the new Host Institute,

v.Up to date Financial Statement from the old Host Institute (in case the fellowship amount has been released to Fellow).

However, shifting/ change of Host Institute or Research Proposal without prior written permission from DST-INSPIRE may be called for termination of the INSPIRE Fellowship. In case a fellow does this on his/ her own without prior permission/ approval, DST-INSPIRE shall not be liable for continuation of his/her INSPIRE Fellowship. Moreover, such shifting/ change of Host Institute may be allowed only one time in 5 years of Fellowship tenure and that too within one year from "Effective Date" of Fellowship at that Host Institute.

#### 4. Short Term Research Internship:

- •INSPIRE Fellow shall be allowed for availing short-term Research Internship activities at any national or international Laboratory/ University/ Institute up to a maximum period of 18 months either in one or multiple slots during 5 years of Fellowship tenure. This research internship would either be arranged by DST or by the individual Fellow and, the Fellow shall be required to obtain prior permission from DST-INSPIRE along with recommendation of PhD Research Supervisor as well as confirmation from Research Internship provider for obtaining prior permission. In the event that the Fellow receives full financial support of the overseas institution, the INSPIRE Fellowship for the period of Overseas stay will not be remitted.
- •Upon availing the Research Internship the Fellow must submit his/her Internship Report as well as Joining Report to Host Institution, with intimation to DST.
- •Positioning under HOPE and Newton Bhabha shall be dealt in separate call. However, in case of availing Newton-Bhabha Internship offered by any other agency other than the DST, the Fellow shall require to obtain written permission from DST-INSPIRE before departure, otherwise it will be treated as absent from the PhD works and fellowship amount shall be stopped during that period.

#### 5. Release of Fellowship amount:

- •The fund with respect to INSPIRE Fellow(s) shall be made available with the Host institution by the Department of Science & Technology, New Delhi for payment of the Fellowship along with Contingency Grant to the Fellow(s) following Government of India and Institute / University norms. In such case, Host institute require to register in PFMS (Public Finance Management System: https://pfms.nic.in) and needs to provide unique agency code and details of authorized account of head of institute, to DST.
- •While to continue release of fellowship in subsequent years, the Host-Institute or the concerned fellow shall submit the financial year-wise Statement of Expenditure & Utilization Certificate (through online portal: www.online-inspire.gov.in) for each INSPIRE Fellow attached to them, the INSPIRE Fellow will be required to submit Progress Report every year duly authenticated by their concerned PhD supervisor.
- •To consider of releasing fellowship to an ongoing Fellow, the amount of unspent balance on account of Fellowship including HRA shall be less than Rs 40,000. If availability of unspent balance is mainly due to HRA, it will require to utilize this amount towards payment of fellowship to the Fellow concern before uploading such documents to webportal.

#### 6. Up gradation from JRF to SRF:

- •The entry level position of the Fellow in the Scheme shall be only as `Junior Research Fellow (JRF)'.
- •The up-gradation of Fellowship i.e. Junior Research Fellowship (JRF) to Senior Research Fellowship (SRF) would normally be considered after two (2) years as JRF counted from "Effective Date" as JRF. This will be done through performance assessment on the progress made in the PhD program. However, this performance assessment can also be conducted at any time after completion of one year at JRF level upon publication of at least one paper (1st Authorship) in any peer-reviewed SCI indexed journalwithin one yearby the INSPIRE Fellow out of the PhD work done at that Host Institute.
- •For up-gradation of Fellowship status, a three (3) Members Assessment Committee needs to be constituted by the Host Institute's Vice-Chancellor of the University or Director of the Institute to assess the progress of concerned INSPIRE Fellow.
- •The composition of said Committee would be one Member (drawn from the list of Chair-Persons & Expert Members available at the INSPIRE Website: www.inspire-dst.gov.in/List\_of\_Chairpersons\_Members.pdf, depending upon local needs) besides the Research Supervisor of the concerned INSPIRE Fellow and one Internal Faculty as Member of the Committee.
- •Choice of external Expert member within the same Host Institute should be totally avoided in this Assessment Committee. The assessment shall be carried out by the Host Institute/ University as per above process and upon assessment, the Fellow shall be required to upload the `Assessment Report' of the Committee in the format of DST of the concerned Fellow, in online portal of DST-INSPIRE for further actions.
- •In case performance of any JRF is assessed within one year of the "Effective Date" by virtue 1<sup>ST</sup> Authorship publication, the Fellow must upload the copy of at least one claimed publication along with Assessment Report. Otherwise such assessment shall be treated as invalid.
- •The expenditure related to such assessment shall not be borne by DSTINSPIRE.
- •In case any other guidance needed for appointing Expert Member for the process, DST can be contacted for the same.
- •Generally, up-gradation of JRF to SRF would be effected as per above norms, however, in case assessment is delayed beyond the 2 years for any reasons, the assessment date/ Date of communication of Assessment Report would be considered as 'SRF Effective date'.

#### 7. Completion of Fellowship Tenure and Award of PhD degree:

- •On completion of the tenure of Fellowship, the INSPIRE Fellow shall be required to provide the copy of the awarding of PhD degree certificate along with soft copy of thesis and the complete financial documents (SE, UC) to final settlement of the fellow. However, the unspent balance shall be sent by means of demand draft in favor of "DST-INSPIRE Program" payable at New Delhi or through ECS at the A/c No. 32921719272" (IFSC Code: SBIN0000691) in the of State Bank of India, New Delhi sanctioned and released up to 31<sup>St</sup> March 2015. However, the Fellow who has received any support either as new or continuity of fellowship in the FY 2015-16 (i.e. from 1<sup>St</sup> April 2015) and onward, the Demand Draft shall be made in the favor of "DDO, DST, New Delhi"
- •INSPIRE Fellows must settle their claims within one year of leaving the Fellowship. No claim will be admitted by DST after one year of leaving the Fellowship.

#### 8. TERMINATION OR DISCONTINUATION of INSPIRE Fellowship shall occur at the following events:

- •Upon successful viva-voce of awarding PhD degree or completion of 5year Fellowship's tenure, whichever is earlier,
- •Resignation from the Fellowship before awarding PhD degree and acceptance of resignation by DST based on the Research Supervisor's recommendation,
- •Migration of Fellow to another Institution from present Host Institution without prior approval from DST,
- •Failed to gain admission into PhD within 365 days after issuing Provisional Offer,
- •Non-Acceptance of Final Offer within 30 days from the date of Final Offer issued
- •In case, any of the previous admission(s) by the Fellow is/are found wrong and the Fellow found ineligible in future for any reason(s) (including any unintentional Computer error or Printer's devil etc.)

#### 9. Duties of INSPIRE Fellow:

- •Keep update DST always about your progress in Research or any other disciplinary action taken at University.
- •The INSPIRE Fellow is not to take any assignment other than related to his/her approved research program, paid or unpaid. However, if required, the fellow may assist the host institute in its academic work/other activities, as per guidelines of its PhD program, provided such assignments should not hamper the progress of research work of the fellow. This has to be governed by host institution.
- •Once INSPIRE Fellow accepts the Fellowship and joined, he should complete the research for the normal tenure of the fellowship or for such lesser duration in which the original objectives of the research problem have been achieved.
- •INSPIRE Fellow should inform about his discontinuation within one week of date of discontinuation through online portal and upload all required documents in portal. Failing to do so will reflect into settlement of the case.
- •The INSPIRE Fellow shall keep DST informed about his/her getting the PhD degree, submission of thesis for Ph.D., etc. and submission/ acceptance/ publication of any research paper arising out of the research work done during the tenure of the fellowship. He/ She must acknowledge the support of DST in the publication(s). One copy each of all the research papers published must be sent to DST at each stage of publication/ manuscript/reprint.

\*\*\*\*\*

This is computer generated document and does not require any signature. Incase of any discrepancy please contact Program Division.



#### Certificate of Merit & Participation

2018 NextGen Genomics, Biology, Bioinformatics and Technologies (NGBT) Conference

30th Sep - 2nd Oct 2018, Jaipur, Rajasthan, INDIA

Host: SciGenom Research Foundation (SGRF), India

Co-hosts: TRAC PROPRIES











This is to certify that

ME-/MS./DF. MINU M. NAIR, CENTRAL UNI OF KERALA

participated & is a winner of YUVA/GYAN scholarship in

2018 NextGen Genomics, Biology, Bioinformatics and Technologies (NGBT) Conference

during 30<sup>th</sup> Sep - 2<sup>nd</sup> Oct 2018 at Jaipur, Rajasthan, INDIA.

He/She made a Poster/Oral presentation for his/her winning abstract at the 2018 NGBT meeting

Rajani Kanth Vangala, Ph.D.

Co-chair, NGBT Conference

Director, SGRF, INDIA

Deesto

Harsha Gowda, Ph.D.

Member, Scholarship Committee

Group Leader, QIMR Berghofer Medical Research Institute, AUSTRALIA

Sameer Phalke, Ph.D.

Member, Scholarship Committee

Senior Scientist, MedGenome Labs, INDIA



### Central University of Kerala Tejaswini Hills, Periya (P.O),

Kasaragod (Dist.), Kerala - 671 316.



#### National Science Day Celebration-2019

Science for People and People for Science Communicating Science for All

#### CERTIFICATE

This is to certify that Ms. Minu M Nair, Research Scholar, Department of Genomic Science, CUK has participated in the "Research Scholar research work oral presentation" and won Second prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

Prof. (Dr.) G. Ğopa Kumar Vice Chancellor

Central University of Kerala

National Science day celebration 2019



### NATIONAL SEMINAR ON RECENT ADVANCES IN MOLECULAR BIOLOGY (RAMB-2019)



February 06-08, 2019

#### CERTIFICATE

This is to certify that Smitha K.V., Dept. of Grenomic Science, Central Univ. of Kerala is awarded First/Second/Third prize in the Poster presentation session during the three day National Seminar on Recent Advances in Molecular Biology (RAMB-2019) organized by the Department of Molecular Biology, Kannur University and Co-sponsored by Kerala State Council for Science, Technology and Environment held at Dr P K Rajan Memorial Campus, Nileswaram, Kasargod, Kerala during 06-08 February 2019. The Cash Award is sponsored by M/S AKSHAYA ASSOCIATES, Thalassery.

He/She presented poster on the topic. Sequencing approach for genomic discovery

Prof. (Dr.) A. M. Sreedharan

Campus Director, Nileswaram Campus, Kannur University

Dr. Soorej M. Basheer

General Convenor, RAMB 2019



#### 2<sup>nd</sup> DST-SERB SCHOOL IN INSECT BIOLOGY



1st to 15th October, 2016

Department of Zoology & Environmental Sciences, Punjabi University, Patiala Sponsored by SERB, Statutory body of DST, New Delhi

### Certificate of Participation

This is to certify that Mr./Ms. S	samjana U	participated in "DST SERB
School in Insect Biology", held at Pun		
secured position in poster	Oral presentation held o	on 13.10.2016

Dr. Jagbir Singh Kirti

Course Director & Coordinator



### Certificate

000

THIS IS TO CERTIFY THAT PROF / DR / MR / MS / MRS

#### Thashi Bharadwaj

Central University Of Kerala

has been awarded Consolation Prize for Poster Presentation for title

Prediction of mi PNA involved in immuno regulatory processes from avian whole transcriptome profile.

in International conference on Advances in Degenerative Diseases and Molecular Interventions (ADDMI) organised by Society for Research on Degenerative Diseases (SODD) held on November 23-24th, 2017 at Hycinth by Sparsa, Thiruvananthapuram





Destro

PATKON ADDW/ 2017 ORGANISING SECRETARY

Minor

CHAIR ADDMI 2017



January 26, 2021

RE: Bandi Dhana Sekhar Reddy, Ph.D.

Appointment as a Postdoctoral Scholar Employee (Category 21)

Dear Dr. Sekhar Reddy:

We are pleased to offer you an appointment as a postdoctoral scholar in the UAB School of Medicine, Department of Biochemistry and Molecular Genetics reporting to Dr. Narendra Wajapeyee. Pending satisfactory performance, your appointment is for one year: 04/15/2021 – 04/14/2022. This position is renewable for up to three (3) years. If you are reappointed, you will receive written notification, relevant information regarding the position, and a copy of applicable policies and procedures. Your fellowship award amount will be \$48,476. As a postdoctoral scholar at UAB, you will receive subsidized health insurance, vision and dental insurances, and the opportunity to contribute to TIAA-CREF, which UAB will match up to 5%; additional benefits include paid sick, vacation, and maternity/paternity leave as described on the UAB Office of Postdoctoral Education (OPE) website (<a href="https://www.uab.edu/postdocs">www.uab.edu/postdocs</a>).

Within the first 30 days of your appointment start date, 04/15/2021, you and your mentor are required to draft an individual development plan (IDP) together. The IDP will state research project and describe your career goals and objectives. A copy must be forwarded to the OPE for documentation. Three (3) months following the drafting of your IDP, you will meet with your mentor to formally review your progress regarding your research training. If your mentor determines that you require remediation and/or additional training in order to successfully perform your research project, you will undergo a three (3) month probationary period. Following the probationary period or at any other time thereafter prior to your appointment end date, if research performance does not improve and/or if there is a lack of research progress as defined in the IDP, the appointment may be terminated with one month's notice. Please note, per the <a href="UAB Attendance Policy">UAB Attendance Policy</a>, three (3) consecutive, repeated absences without approval from your mentor at any time during your appointment may initiate the termination process. Further, if termination is based upon either academic or non-academic misconduct, advance notice of termination may be waived. In any case of possible early termination, the case must be discussed with the Senior Associate Dean for Graduate and Postdoctoral Affairs prior to termination.

A postdoctoral scholar position is a time-limited appointment; the primary purpose of which is to provide training in research. As a postdoctoral scholar, you will be engaged in activities that will include, but may not be limited to:

- Completion of ethics-related training
- Writing and submitting first-authored manuscripts
- Attending research-related seminars, journal clubs, and national meetings
- The research area will be breast cancer research and liver cancer research.

Please note that the University of Alabama at Birmingham conducts a review of the Office of the Inspector General (OIG) and the General Services Administration (GSA) exclusions lists to

#### **GRADUATE SCHOOL**

www.uab.edu/postdocs



establish eligibility for each Postdoctoral Scholar to receive federal funding. These databases are maintained by the federal Government to identify individuals who are excluded from participating in payments by Federal programs or contracts.

Additionally, the university conducts pre-employment background investigations on all new employees, including postdoctoral scholars. The review includes a criminal history background check, degree (education) verification and employment history verification. You will receive information electronically requesting your consent to allow the university to conduct this investigation. In the event that the background check has not been completed at the time your appointment begins, your appointment will be conditioned upon receipt of a background check report that is acceptable to the university. Before a final decision is made to rescind an appointment because of a background check result, you will receive a copy of the background check report and will have an opportunity to provide explanatory information.

Further, as a Postdoctoral Scholar at UAB, you will be subject to the applicable policies and procedures of UAB and the Board of Trustees of the University of Alabama. Specifically, UAB has developed and implemented policies, procedures, and processes for collecting information on financial interests, reviewing disclosed information in relation to institutional responsibilities, and managing any actual, potential or perceived conflicts of interest involved. As such, you are asked to complete a conflict of interest form, which can be accessed here: Financial Interest Disclosure Process, upon your arrival at UAB. Any questions or concerns you may have regarding your offer or University policies and procedures may be directed to your faculty supervisor or to The Office of Postdoctoral Education. Please note that fringe benefits and personnel policies are subject to change as deemed necessary by the University.

When you arrive at UAB, please also create a UAB PROFILES account. The UAB PROFILES account requests and stores information needed for UAB and governmental record-keeping. We especially need your UAB campus e-mail address to enable the OPE to contact you regarding opportunities available to enhance your training while at UAB. Our intent is to help you make your Postdoctoral experience as productive and rewarding as it can be.

Details about benefits will be explained to you in detail during the UAB New Employee Orientation or by scheduling an appointment with the Benefits Office (205-934-3458). You can also find more information here: uab.edu/benefits. A representative of your department is responsible for scheduling a date for your UAB New Employee Orientation. Please note that you have 31 days from your starting date to enroll in coverage or you will not have another opportunity for enrollment until "Open Enrollment" period usually in October with coverage to begin in January.



You also will be required to attend during your first year a Postdoc Orientation which will be scheduled at least twice a year. You will receive a notification of when and where the Orientation will be scheduled.

At the conclusion of your postdoctoral appointment, you may be permitted to have a copy of the data you collected pending Dr. Wajapeyee's approval; however, the original data must remain in

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the lab. As a reminder, you do not have the right to share the data or to present the data anywhere or to publish it without our permission from UAB.

We are excited about the prospect of your joining the Department of Biochemistry and Molecular Genetics as a Postdoctoral Scholar. We feel confident you will find that the research environment at UAB will provide ample opportunity for you to further your professional development.

Nothing contained in this letter of notification or in your fellowship offer with UAB is intended to establish a contractual relationship with you or to alter, amend or modify in any way your at-will status at UAB.

Please indicate your acceptance of this appointment within two weeks by signing below and returning a copy of this letter to the Office of Postdoctoral Education; a copy will be provided to the Department of Biochemistry and Molecular Genetics . Please understand that this offer of appointment is contingent upon our receipt of written confirmation that you have been awarded a terminal degree. Proof of your degree (in English) must be received in the Office of Postdoctoral Education before the appointment will be finalized.

Sincerely,

Lisa Schwiebert

Electronically signed by: Lisa

Schwiebert Date: Jan 26, 2021 10:48 CST

Lisa M Schwiebert, Ph.D.

Senior Associate Dean for Graduate and Postdoctoral Affairs

Office of Postdoctoral Education

Narendra Wajapeyee

Electronically signed by:

Narendra Wajapeyee Date: Jan 26, 2021 11:05 CST

Narendra Wajapevee, Ph.D. Professor/Vice Chairman

Department of Biochemistry and Molecular Genetics

I accept this appointment as a postdoctoral scholar in the Department of Biochemistry and Molecular Genetics, reporting to Dr. Wajapeyee.

Electronically signed by: Bandi Dhanasekhar Reddy Date: Jan 27, 2021 00:15 GMT+5.5

Bandi Dhana Sekhar Reddy, Ph.D.

GRADUATE SCHOOL



January 26, 2021

Dr. Narendra Wajapeyee Professor/Vice Chairman Department of Biochemistry and Molecular Genetics School of Medicine

#### Dear Dr. Wajapeyee:

We hope your recent offer to Dr. Reddy to fill your vacant postdoctoral position will be accepted. The Office of Postdoctoral Education (OPE) is here to facilitate this process, so please do not hesitate to contact us should questions arise. Below we summarize some of the issues which are, in our experience, critical in making the relationship between you and the trainee successful and some basic information regarding the appointments we hope you will find useful.

 Postdoctoral appointments are for one (1) year, renewable yearly for up to a period of four years total. If for any reason you do not intend to renew the appointment, then you must give notice to the Postdoctoral Scholar in writing three months before the end of the annual contract.



- We hope this will be a productive relationship for both you and the Postdoctoral Scholar. However, problems can arise and as with all staff and employees at UAB, the Postdoctoral appointments must conform to the following personnel regulations. Guidelines for assessment and monitoring the performance of Postdoctoral Scholars in all aspects of their position are defined in the You and UAB Handbook for Faculty and Staff. In cases of dispute in research related aspects or in the application of terms and conditions of employment, the Postdoctoral Dispute Resolution will be applied. This resolution can be found in the Postdoc Handbook on the Postdoc website at <a href="https://www.uab.edu/postdocs">www.uab.edu/postdocs</a>
- The offer letter included an overview of performance expectations, responsibilities and position requirements. Within the first 30 days of your appointment, you are required to draft an individual development plan (IDP) together with your postdoc. The IDP will state expectations for the research project as well as describe the postdoc's career goals and objectives; a copy must be forwarded to the OPE for documentation. Three months following the drafting of the IDP, you will meet with Dr. Sekhar Reddy to formally review progress with regard to the research training. If you determine that Dr. Sekhar Reddy requires remediation and/or additional training in order to successfully perform the research project, you may implement a three month probationary period. If research performance has not improved and/or if there is a lack of research progress as defined

**GRADUATE SCHOOL** 

www.uab.edu/postdocs



in the IDP following the probationary period or at any other time thereafter prior to the appointment end date, the appointment may be terminated with one month's notice.

Please note that, per the UAB Attendance Policy, three consecutive repeated absences without your approval at any time during the appointment may also initiate the termination process. Further, if termination is based upon either academic or non-academic misconduct, advance notice of termination maybe waived. In any case of possible early termination, the case must be discussed with the Senior Associate Dean for Graduate and Postdoctoral Affairs prior to termination. It is imperative that you document any and all concerns.

- In April, 2005, Sigma Xi released the results of a survey questioning income, attitudes, and demographics of 7,600 postdoctoral scientists at 46 American research institutions. Postdocs in positions with the greatest amount of structure and feedback were more likely to report satisfaction in their positions, to give their mentors higher ratings, and to experience fewer conflicts with their advisors. See the highlights of the survey at Doctors without Orders: Highlights of the Sigma Xi Postdoc Survey.
- If you are new to the mentoring process or would like a refresher, you can find a wealth of information on the internet. One resource is Making the Right Moves: A Practical Guide to Scientific Management for Postdocs and New Faculty, Chapter 5, Burroughs Wellcome Fund, Howard Hughes Medical Institute, 2004.
- All Postdocs at UAB are members of the Postdoctoral Association. This group, in conjunction with the OPE, provides courses and workshops to enhance the postdoctoral experience at UAB (please see attached). Please encourage your postdoc to participate in these activities where appropriate. All postdocs are required to attend an orientation workshop that will introduce them to the functioning of the main administrative offices at UAB including IACUC and IRB. For future reference, when interviewing candidates for postdoc positions, members of the Postdoc Association will be happy to meet with your candidates to talk about postdoc life at UAB and the greater Birmingham community. You may contact <a href="Postdocs@uab.edu">Postdocs@uab.edu</a> for the current contact for the Postdoctoral Association.
- Finally, we offer a series of training awards, including Career Enhancement Awards, that
  provide funds for postdocs to attend training opportunities and enhance the postdoc
  experience. Information about these awards is available on the OPE website at
  www.uab.edu/postdocs.

**GRADUATE SCHOOL** 



We all recognize what an important role Postdoctoral Scholars play in the research environment at UAB. The OPE is here to help ensure that this is a rewarding experience for both the mentors and postdocs. Please contact us if you have any suggestions or comments on this process or any other aspect of postdoctoral education at UAB.

Please indicate your acknowledgement and acceptance of these conditions by signing below and returning this letter to your department, which will provide a copy to this office.

Sincerely,

Lisa Schwiebert

Electronically signed by: Lisa

Schwiebert Date: Jan 26, 2021 10:48 CST

Lisa M. Schwiebert, PhD

Senior Associate Dean for Graduate and Postdoctoral Affairs

Office of Postdoctoral Education

I acknowledge and accept these conditions as mentor to Bandi Dhana Sekhar Reddy as a UAB Postdoctoral Scholar.

Narendra Wajapeyee

Electronically signed by: Narendra Wajapeyee Date: Jan 26, 2021 11:05 CST

Narendra Wajapeyee, Ph.D. Professor/Vice Chairman

Department of Biochemistry and Molecular Genetics

#### **Best Practices for the Mentor/Postdoc Relationship**

This document provides guiding principles to support the development of a positive relationship between a mentor and postdoctoral scholar (postdoc). The purpose of these guidelines is to promote a mutual understanding of expectations and to develop a communicative relationship between the mentor and postdoc from the beginning of training. A successful training experience requires commitment from both the mentor and from the postdoc.

#### **Expectations of a Mentor**

- To understand that the postdoctoral educational period is devoted to advanced training intended for the development of skills needed to promote the career of the postdoc.
- To work with the postdoc to develop a mutually agreed upon research plan with well-defined expectations and goals early in the training period. Evaluate regularly and develop a backup plan if first project is not successful.
- To provide regular feedback on performance and to provide a formal evaluation at least annually.
- To maintain a relationship with the postdoc that is based on trust and mutual respect. To cultivate a culture of tolerance and to comply with all existing University policies, including the Equal Opportunity and Discriminatory Harassment Policy, Title IX Sexual Violence and Sexual Misconduct Policy, Duty to Report and Non-retaliation Policy, and other relevant policies.
- To promote and comply with all ethical standards for conducting research, including all institutional, state, and
  federal regulations as they relate to responsible conduct in research, privacy and human subjects research,
  animal care and use, laboratory safety, authorship, peer-review guidelines, data reporting, ownership, and
  sharing.
- To ensure that confidential information is properly maintained and disposed of in a secure manner, as required by FERPA and any other applicable federal or state law or University policy or procedure.
- To provide the postdoc with guidance and mentoring and to seek the assistance of other faculty and departmental/institutional resources when necessary.
- To demonstrate a professional tone of communication and constructive criticism to the postdoc.
- To provide a supportive training environment to facilitate the postdoc's professional growth.
- To assist the postdoc in submitting research for publication in a timely manner and to give appropriate credit to the postdoc for work done.
- To acknowledge the postdoc's contribution to the development of any intellectual property as appropriate and consistent with all applicable University policies.
- To foster career development and to encourage and assist the postdoc to apply for appropriate fellowships and awards that support the transition to independence.
- To encourage and facilitate the interaction of the postdoc with fellow scientists both intra- and extra-murally, including the postdoc's attendance at professional meetings to network and present research findings.
- To understand that there are multiple career options available for postdocs and to provide assistance in exploring appropriate options, calling on other experts as appropriate.

#### **Expectations of a Postdoc**

- To understand that the postdoc has the primary responsibility for the development of their own career which
  requires lifelong learning.
- To develop with the mentor a mutually agreed upon research plan that includes well-defined goals and timelines. Develop a backup plan if first project is not successful.
- To seek regular feedback on their performance and career planning and ask for a written evaluation at least annually.

- To perform research activities conscientiously, to maintain complete and accurate research records, and to catalog and maintain all tangible research materials that result from the research project.
- To comply with all ethical standards, including all institutional, state, and federal regulations as they related to responsible conduct in research, possible conflicts of interest, privacy and human subjects research, animal care and use, laboratory safety, authorship, peer-review guidelines, data ownership, reporting, and sharing.
- To show respect for and work collegially with faculty, students, staff, and other individuals with whom the postdoc interacts.
- To comply with all existing University policies, including the Equal Opportunity and Discriminatory Harassment Policy, Title IX Sexual Violence and Sexual Misconduct Policy, Duty to Report and Non-retaliation Policy, and other relevant policies.
- To assume progressive responsibility and management of their research project(s) as it matures.
- To demonstrate honest and professional communication with the mentor.
- To have open and timely discussions with the mentor concerning the dissemination of research findings, authorship and the distribution of research materials to third parties.
- To work with the mentor to disseminate research results through regional/national presentations, peer reviewed publications, etc. in a timely manner
- To understand that the postdoc is ultimately responsible for their own career development.
- With respect to data ownership, to understand that the original notebooks, digital files, and tangible research
  materials belong to the institution and will remain in the lab when the postdoc finishes training, in accordance
  with institutional policy.
- To actively seek out opportunities outside the laboratory (e.g., professional development seminars and workshops on oral communication, scientific writing, collaborative research, and teaching) to develop the full set of professional skills necessary for success in the postdoc's chosen career.

All mentors and postdocs are responsible for adhering to UAB's academic policies, as published in <u>Catalog of Graduate Programs</u> (http://catalog.uab.edu/graduate/)

#### **Notice of Receipt**

The document above details best practices of conduct for both mentors and postdocs. Additional resources are available in the UAB Faculty Handbook and the Graduate Catalog. By signing below, the mentor and postdoc acknowledge receipt and understanding of the document above.

Narendra Wajapeyee	Narendra Ważapeyee	Electronically signed by: Narendra Wajapeyee Date: Jan 26, 2021 11:05 CST	01/26/2021
Mentor Name, Printed	Mentor Name, Signed	Flashaniash, signad bu Dandi	Date
Bandi Dhanasekhar Reddy	Bandi Dhanasekhar Reddy	Electronically signed by: Bandi Dhanasekhar Reddy Date: Jan 27, 2021 00:15 GMT+5.5	01/27/2021
Postdoc Name, Printed	Postdoc Name, Signed		Date

#### DBT Research Associateship Program in Biotechnology and Life Sciences



Department of Molecular Reproduction, Development & Genetics Biological Sciences Building, Ground Floor, A Wing,

Indian Institute of Science, Bangalore 560012, India Off Tel: 080-2293 2462; Email: dbtra.mrdg@iisc.ac.in

Web: http://ra.dbtindia.gov.in

Date: March 25, 2021

Award Letter No. DBT-RA/2021/January/NE/862

Dear Dr. Madangchanok Imchen,

I am delighted to inform you that you have been selected for the Post of **Research Associate-I** funded by the Department of Biotechnology, GOI, New Delhi, to work with Dr. Siddhardha Busi, Pondicherry University, Puducherry.

You are advised to indicate your acceptance, or otherwise, of this offer by March 25, 2021, via an email message with a copy to your proposed mentor.

The terms and conditions of the fellowship are as follows. For additional terms and conditions, see Annexure I.

- 1. Due to COVID-19 pandemic, the joining date of January 2021 batch is delayed, and now it starts from March 25, 2021.
- 2. To avail the Research Associateship, you should report for duty within 15 days of receiving this letter.
- 3. You will be designated as **DBT-Research Associate-I** with a stipend of **Rs.47,000/- p.m.** and a contingency grant of **Rs.50,000/- per year**. The contingency grant should be utilized with approval of your mentor. If an accommodation is not provided by your institution, you will be entitled to HRA as per GOI rules. The fellowship is awarded initially for a period of 2 years, with annual renewal based on the assessment of research progress.
- 4. Your stipend and contingency grant will be released to the host institute/university after you report for duty and complete the joining formalities at the DBT-RA Portal "ra.dbtindia.gov.in", using your email ID & password, which you have used during the online submission of your application at this portal.

Please keep the following filled in documents ready before you login at the portal.

- A formal letter mentioning your date of joining, signed by your mentor & HOD.
- Filled Data Sheet (refer attachment)
- Certificate of undertaking (should be on the letter head of host institute) (refer attachment)
- Bank account details of your Institute / University (refer attachment)

Kindly note that the support beyond 31st March, 2021 is subject to appraisal and approval of DBT-RA Program by a Competent Authority.

Warm wishes,

Sincerely,

Prof. Arun Kumar, Ph.D.

Prof. Arun Kumar, Ph.D National Program Coordinator DBT-RA Program in Biotechnology & Life Sciences NEW Biological Sciences Building Indian Institute of Science, Bangalore -560012

#### Evolutionarily conserved genes involved in PSM and somites of Mouse and Human

Main author & presenter: Smita Sudheer (1) Stem Cell Laboratory, Department of Genomic Science, Central University of Kerala, Tejaswini Hills, Periye. P. O, Kasaragod District, Kerala - 671316, India

Author 2: Devika AS (1)

Author 3: Anna Montebaur (2, 3)

Author 4: Saravanan S (1)

Author 5: Raghu Bhushan (4, 5)

Author 6: Frederic Koch (2)

Author 7: Smita Sudheer (1)

Institute 1: Stem Cell Laboratory, Department of Genomic Science, Central University of Kerala, Tejaswini Hills,
Periye. P. O, Kasaragod District, Kerala - 671316, India

Institute 2: Department of Developmental Genetics, Max Planck Institute for Molecular Genetics, Ihnestrasse 63-73, 14195 Berlin, Germany

Institute 3: Department of Biology, Chemistry and Pharmacy, Free University Berlin, Takustrasse 3, 14195 Berlin, Germany

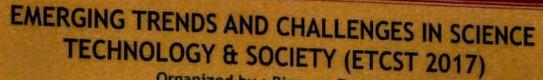
Institute 4: Yenepoya (Deemed to be University), University Road, Deralakatte, Mangalore 575018, Karnataka, India

Institute 5: Leibniz Institute for Farm Animal Biology (FBN), Institute for Genome Biology, Wilhelm-Stahl-Allee 2,

D-18196 Dummerstorf, Germany

Presomitic mesoderm (PSM), the progenitors of the axial musculo-skeletal system, originates from the primitive streak and resides in the posterior end of a developing embryo. PSM give rise to somites, the blocks of tissue running along both sided of the neural tube, through two independent molecular phenomena together known as the clock and wavefront model. The new pair of somites matures into sclerotome, dermatome and myotome which further develops in to vertebral column, dorsal dermis and skeletal muscles respectively. Thus somitogenesis occurs from the posterior to the anterior axis of a developing embryo. Most of the studies till now, have been done in chick and mouse and in the recent past, there have been only a few studies on human. In this study, we have analysed RNA-sequencing data of

mouse (Ibarra-Soria et al., 2018; Sudheer et al., 2016) and human (Xi et al., 2017), in order to predict the evolutionarily conserved genes and gene-regulatory networks involved in the PSM and somites. Here, we have compared the anterior and posterior PSM, followed by prediction of genes and GRNs in mouse PSM and somites, based on co-regulation of genes, mainly surrounding the known markers. Following this, we predicted the GRNs in human PSM and somites, and compared between both the species. Using human pluripotent stem cells (hPSCs) derived PSM and somites, we have validated the expression of some of the genes. This analysis had led us to find known and putative genes that potentially have conserved roles in PSM and somites of mouse and human.



Organized by : Bionano Frontier

Collaborations with: Shree Halari Visa Oswal College of Commerce, Bhiwandi-Mumbai & J.Watumuli Sadhubella Girls College of Commerce, Ulhasnagar-Mumbai-India Hosted by: University of Mauritius, Le Reduit, Mauritius



#### Distinguished Best Researchers and Academicians Award

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Dr. V. Rajeev

Associate Professor, Department of Malayalam,
Central University of Kerala, Kasaragod, Kerala 671316
Distinguished Best Researchers and Academicians
We value and respect your exceptional skill,
devotion, dedication and professionalism and
Innovative ideas in
Linguistic

Retto

Prof.Rajen Suntoo

Dr. P. M. Dongre Convener, ETCST-2017

Dr. V.M. Jamdhade Organizing Secretary, ETCST-2017

Date: 12-16 May 2017, University of Mauritius

3.1.3.0P001



9 January 2014

Contact: Sarah Tout Telephone: (02) 6125 6135 Uni ID/Position No: tbc/6770

Dr Edayillam Prasad Assistant Professor, Dept. of Physics School of Mathematical and Physical Sciences Central University of Kerala Nileswar, Kerala 671328 INDIA Professor Stephen Buckman

Director, Research School of Physics and

Engineering

ANU College of Physical and Mathematical

Sciences

Oliphant Building, 60 Mills Road CANBERRA ACT 0200 AUSTRALIA

Telephone: +61 2 6125 2476 Facsimile: +61 2 6125 5457 E-mail: <u>Director.RSPE@anu.edu.au</u>

www.anu.edu.au

CRICOS Provider No. 00120C

Dear Dr Prasad

This offer letter replaces my previous offer dated 3 January 2014.

I am very pleased to offer you a position in the Department of Nuclear Physics as a Postdoctoral Researcher (Academic Level A) with the Australian National University (The University), commencing on a date to be confirmed. You will report to the Head of Nuclear Physics. Professor David Hinde currently holds this position.

Your commencing total remuneration package will be \$92774 pa including the University's superannuation contributions to UniSuper at 17% of your base salary.

The University will fund a total reimbursement of up to \$3000 for travel, visa and removal expenses for you. Further details are in the attached relocation document and at: <a href="http://hr.anu.edu.au/info-for/new-staff/relocation-information">http://hr.anu.edu.au/info-for/new-staff/relocation-information</a>

Further details of our employment offer to you are set out in the attached documentation. Please read them carefully.

To accept this offer of employment you will need to sign below, complete the relevant enclosures and return them to the contact officer by 20 January 2014. If you have any queries, please contact your supervisor or the contact officer.

I am pleased to welcome you to Australia's finest University, and I trust that your contribution as a staff member will enhance the University's future.

Yours sincerely

Professor Stephen Buckman

Director - Research School of Physics and Engineering

3.1.3 DP002

## Government of India Ministry of Science and Technology Department of Science & Technology (International Bilateral Cooperation Division)

Technology Bhavan, New Mehraulli Road New Delhi-110016 Date: 01.11.2017

INT/RUS/RFBR/P-266

ORDER

Subject Implementation of Indo- Russian Joint project entitled. "A systematic study of fusion and quasifission in heavy nucle — paying the road to new element synthesis" coordinated Dr. E. Prasad. Assistant Professor. School of Mathematical and Prisaga. Sciences are subjectedly of Metala Masaragod with the Russian partner Prof. Name and Project Control of Theoretical Projects. The Professor of Theoretical Projects and Projects and

Sanction of the President is hereby accorded for incurring an expenditure not exceeding Rs. 18.57,200r- (Rupees Eighteen Lakh Fifty Seven Thousand and Two Hundred only) for implementation of the Indo- Russian joint project entitled "A systematic study of fusion and quasifiation in heavy nuclei – paying the road to new element synthesis' coordinated by Dr. E. Pragad, Sonoto an Manieron a and Physical Sciences. Central University of Kelala Kasaragora at the Russian partner Prof. Nikolai Antonenko Professor Bogo under Lacora and a series and installed of Nuclear research INFI. Dupha Russia for a total duration of Two years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below.

General Component

Rs 18 57 200/-

Capital Component

Rs NIL

2 As per the terms and conditions, agreed by both side, under the project the sending side will bear the cost related to the international air travel, medical insurance and visa charges. Accommodation, inuspitality and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below.

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	Fared Supr	Second year	Total			
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29 April 2019

**Prof Timothy Senden** Director, RSPE

School Administrative Support T: +61 2 6125 5111 Canberra ACT 2601 Australia

Contact:

Petra Rickman

Email:

petra.rickman@anu.edu.au

CRICOS Provider No. 00120C

Dr Prasad Edayillam Department of Physics, Central University of Kerala Thejaswini Hills, Periye Periye, Kerala, 671316 India

Dear Dr Prasad Edayillam,

It is with great pleasure that I invite you to accept visiting status as a Campus Visitor at The Australian National University (the University) for the period 4/06/2019 to 12/07/2019. Please note that this offer does not constitute an offer of employment with the University.

Your hosting area will be the Division/College: College of Science, unless otherwise determined. Prof Andrew Stuchbery will oversee your activities on behalf of the University.

As a status holder you will receive login access and an ANU email address. Please talk to your host College or Division about relevant IT policy.

## Allowances and/or Reimbursements

The University will provide you with a total allowance of up to \$6,300.00, made up as follows:

Airfares

up to \$1,500.00

Accommodation for the period of your stay at the University

up to \$4,800.00

On arrival please contact Prof Andrew Stuchbery (u8605255@anu.edu.au) to arrange payment of your allowance or reimbursement. If you have further questions please contact the Finance Office in your hosting area.

## Accommodation

The University may be able to assist you in finding suitable rental accommodation through the University Accommodation Services (UAS). University House also provides short-term hotel style accommodation. This letter of invitation includes more information about finding suitable accommodation.

## Visa Requirements

To visit Australia you will need to apply for and have an appropriate visa granted by the Australian Department of Home Affairs.

## Science and Engineering Research Board (SERB)

(A Statutory body under Department of Science & Technology, Government of India)

**CATEGORY- A** 

ITS/1090/2015-2016

Phone: 40000321(O)

40000305(O)

5 & 5A, Lower Ground Floor Vasant Square Mall Sector-B,Pocket-5 Vasant Kuni

> New Delhi-110070 Dated: 30.04.2015

To.

Dr. Swapna S. Nair Assistant Professor D/o Physics Central University of Kerala Kasaragod - 671314 (Kerala)

Sub.: Financial Assistance to Dr. Swapna S. Nair for participating in 2015 Tech Connect World Innovation Conf. to be held from 14/06/2015 to 17/06/2015 in Washington D.C, USA.

## 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 and visa fees. We hope this support will provide 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 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 <a href="https://www.civilaviation.gov.in">www.civilaviation.gov.in</a>. 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. You will submit tour report and other documents in the enclosed proforma within 30 days of your return to India.
- 5. The claim-sheet along with all documents must be tagged/stapled properly before sending it to the Board. Institute/University Accounts Details should be signed by the competitive Authority of the Institute/ University and Certified by Authorized Official of the Bank.
- 6. We will reimburse the grant after deducting the support received from any other sources, if any.
- 7. All other expenses such as per diem, taxi fare etc. will not be reimbursed by the SERB.
- 8. You have to make your own arrangements for foreign exchange required for the purpose.
- 9. You will not be treated as a delegate sponsored by the Government of India.
- 10. The Claim sheet for the reimbursement may be downloaded from our website www.serb.gov.in
- 11. While claiming for reimbursement you are required to attach a certificate from Air India as a proof of shortest route taken for the journey.

Based on this offer letter, your Institute may consider advancing necessary funds to enable you to attend the above event.

We request you to intimate to us within two weeks, if you are not availing this offer.

With kind regards,

Your's Faithfully,

(R.K. Joshi)

Scientist-D

## Fourth International Conference on Nanostructured Materials and Nanocomposites



Organized By:

International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN)
Mahatma Gandhi University, Kottayam, Kerala, India

Wuhan University, Hubei, China 430072

Beijing University of Chemical Technology Beijing, China

Wroclaw University of Technology Wroclaw, Poland

## Certificate

This is to certify tha	t Prof./Dr./Ms./Mrs./Mr.	AJITH S	KUMAR
CENTRAL	UNIVERSITY	OF KERALA	INDIA
	has w	on First/Second/Third 1	orize in Short Invited Talk
entitled Effect	of Cofe204 W	eight percentag	e on multiferro
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	nostructured Materials d		
Mahatma Gandhi Un	riversity, Kottayam, Kerala,	India from 10-12 Februa	ary 2017.





Prof. (Dr.) Sabu Thomas

Chairman

DIRECTOR
International & Inter University Centre
for Nanoscience & Nano Technology



Shareef M <shareef.m.cuk@gmail.com>

## **SERB-Notification**

1 message

**SERB\_Administrator@serbonline.in** <SERB Administrator@serbonline.in>

Fri, Nov 2, 2018 at 6:18

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



## **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)

Science and Engineering Research Board 5 & 5A, Lower Ground Floor Vasant Square Mall Sector-B, Pocket-5 Vasant Kunj New Delhi - 110 070

File Number: ITS/2018/005024

Dated: 02-Nov-2018

To

Mr. Shareef M,

Central University Of Kerala, Tejaswini Hills, Periye (po) Kasaragod, Kerala, Kasaragod, Kerala-671316

Subject: Financial Assistance to Mr. Shareef M for participating in "13th International Conference on Nucleus-Nucleus Collisions (NN2018), Japan (04 December, 2018 to 08 December, 2018)"

## 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 & registration 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 economy class by the shortest route in a national carrier i.e. Air India. It may be noted that rescheduling/cancellation charges will not be reimbursed.

- 3.SERB is directed to instruct the applicant to purchase the air tickets directly from Airlines (Office, Booking counters, /Website) or from any of the Govt. authorized travel agents viz. Balmer Lawrie & Company Limited (BLCL), Ashok Travels & Tours (ATT) and Indian Railways Catering and Tourism Corporation Ltd. (IRCTC) vide order no. 19024/22/2017-E.IV dated 19.07.2017 issued by Department of Expenditure, Ministry of Finance. In case of failure of adherence to this guideline, air fare will not be reimbursed.
- 4. E-ticket is acceptable provided the amount of the fare is clearly reflected on the ticket.
- 5. The signed print copy of Claim Form along with the original Boarding passes and other relevant documents 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.

- 6. The account details must be in the format available at the home page of the online portal in the format section and it must be endorsed by the competent authority of the institute/university.
- 7. SERB will reimburse the grant after deducting the financial assistance received from any other sources, if any.
- 8.All other expenses such as per diem, taxi fare etc. will not be reimbursed by SERB.
- 9. You will have to make your own arrangements for foreign exchange required for the purpose.
- 10. You will not be treated as a delegate sponsored by the Government of India.
- 11. 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.
- 12. You must submit Claim Form and other relevant documents online within 90 days of the Last Date of the Event, failing which SERB will not reimburse the Travel Grant.
- 13. If any candidate found to have furnished incorrect / misleading information at any stage, his/her candidature will be cancelled and no reimbursement will be made. The candidate will also be debarred for next three years for availing support under this scheme.

With kind regards,

Userlmage

(Dr. T Thangaradjou)

Scientist E

	Ph: Ph: 911140000355
	Email: ms.its@serb.gov.in
**************************************	

## Please do not reply to this mail!!

[ SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

This is a system generated information and does not require any signature. This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intended recipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at info@serbonline.in and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely, secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.

\*

'SAVE PAPER - THINK BEFORE YOU PRINT!'

<sup>\*</sup> Don't want to receive such notification anymore? Click here to send a mail to unsubscribe

## **CERTIFICATE of PARTICIPATION**

This is to certify that

## Shareef M

Central University of Kerala

"Fission Dynamics of 227Np Compound Nucleus Via Neutron
Multiplicity Measurements"

at

## NN2018

13th International Conference on Nucleus-Nucleus Collisions

December 4 – 8, 2018

Sonic City Hall, Saitama, Japan

Tomohiro Uesaka, Chair

NN2018 Local Organizing Committee

工场友为



## Central University of Kerala

Tejaswini Hills, Periya (P.O), Kasaragod (Dist.), Kerala - 671 316.



## National Science Day Celebration-2019

Science for People and People for Science

Communicating Science for All

## CERTIFICATE

This is to certify that **Aunala Jose**, I M.Sc., Department of Physics, CUK has participated in the "**Theme Based Essay Writing Competition**" and won **Third** prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

Prof. (Dr.) G. Gopa Kumar Vice Chancellor

Central University of Kerala

Dr. A. Sakthivel

National Science day celebration 2019



## Central University of Kerala

Tejaswini Hills, Periya (P.O),

Kasaragod (Dist.), Kerala - 671 316.



"Nurturing the Innovative Ecosystem"

CERTIFICATE OF AWARD

Fest 2019 organized by Innovation Club of Central University of Kerala, Periya, Kasaragod from 18-20 Based Electronic Noses" which has been selected as the best innovation in the district-level Innovation Central University of Kerala presented an exhibit of "Two Dimensional Semiconducting Materials This is to certify that Ms. LEVNA CHACKO, Research Scholar, Department of Physics,

Prof. (Dr.) Gopa Kumar G. Vice Chancellor Central University of Kerala

2 Dayward

February 2019

Dr. E. Prasad Co-Coordinator Innovation Fest 2019

Dr. V. B. Sameer Kumar Coordinator Innovation Fest 2019 Convener, Innovation Club of CUK



## Central University of Kerala

Tejaswini Hills, Periya (P.O),

Kasaragod (Dist.), Kerala - 671 316.



# National Science Day Celebration-2019

Science for People and People for Science
Communicating Science for All

## CERTIFICATE

This is to certify that Mr. Shareef M, Research Scholar, Department of Physics, CUK has participated in the "Research Scholar research work oral presentation" and won First prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

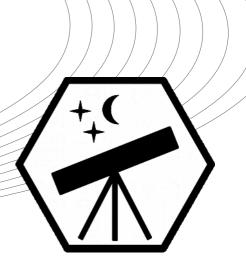
Prof. (Dr.) G. Gopa Kumar Vice Chancellor

Central University of Kerala

Dr. A. Sakthivel

National Science day celebration 2019

International Astronomy and Astrophysics Competition
Edition of 2019



## FINALIST CERTIFICATE

presented to

## Srinjana Routh

Date of Birth: 9 August 1997

Country: India

School: Central University of Kerala

Verify-ID: FRD-2019-5CB2DF40

for participating in the final round of the International Astronomy and Astrophysics

Competition of 2019. The final round was conducted in the form of an exam, supervised

by an authorized teacher. Participants were asked to solve fourty challenging questions which
required comprehensive astronomy and astrophysics knowledge.

Fabian Schneider, Team Coordinator

F. Schneider

Stefan Amberg, Public Relations Manager

Stel- Day

This certificate was issued by the International Astronomy and Astrophysics Competition. The validity of this certificate and other documents issued by the International Astronomy and Astrophysics Competition may be verified with the verify-ID on this page: https://iaac.space/verify



## ACADEMY OF PHYSICS TEACHERS, KERALA

## ALL KERALA PROJECT PRESENTATION COMPETITION 2020

CERTIFICATE GRANTED TO

## AMALA JOSE, Department of Physics, Central University of Kerala

for securing Third place in All Kerala Project
Presentation Competition (Category: Theoretical)
organised by Academy of Physics Teachers, Kerala
held on 28/11/2020

Malin

Dr. Malini K.A.

COORDINATOR

H. Hallan

**Dr. Titus K. Mathew** 

**PRESIDENT** 

Dr. Harikrishnan G.

**SECRETARY** 



## ACADEMY OF PHYSICS TEACHERS, KERALA

## ALL KERALA PROJECT PRESENTATION COMPETITION 2020

CERTIFICATE GRANTED TO

NITHYA M, Department of Physics, Central University of Kerala.

for securing First place in All Kerala Project
Presentation Competition (Category: Theoretical)
organised by Academy of Physics Teachers, Kerala
held on 28/11/2020

Malin

Dr. Malini K.A.

COORDINATOR

H. Hallan

**Dr. Titus K. Mathew** 

**PRESIDENT** 

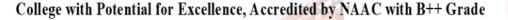
Dr. Harikrishnan G.

**SECRETARY** 

## St. Joseph's College for Women, Alappuzha, Kerala-688 001



(Affiliated to University of Kerala)





## CERTIFICATE OF MERIT



This is to certify that **Srinjana Routh.**, M.Sc. Physics, Central University of Kerala, has presented the project entitled "Quasifission in Heavy Ion Reactions at Near-Barrier Energies" and has been awarded the Second Prize among the P.G Projects in RICERCA 2020, National Online Research Project Presentation Competition organized by the Research Committee, St. Joseph's College for Women, Alappuzha in association with Kerala Sasthra Sahithya Parishath during  $18^{th} - 24^{th}$  August 2020.

Dr V N Jayachandran

Chairman,
Scientific Temperament Committee
Kerala Sasthra Sahithya Parishath

Onesga 2

Dr Bhagya D

Research Co-ordinator

dalka

Dr Rita Latha D'Couto

Principal



## 29th Swadeshi Science Congress





Organized by: SWADESHI SCIENCE MOVEMENT - KERALA

Sastra Bhavan, B-4, 4th Floor, Mather Square, Town Railway Station Road, Kochi - 682 018

In association with:

ICAR-Central Plantation Crops Institute, Kasaragod and Central University, Kasaragod

NATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT



This is to certify that the research paper titled "Statistical model calculations of heavy-ion fusion reactions" by Alaysius, Nitya and Prasad presented by M.T. Nitya, CUK, Kasaragod is selected as the best paper in the session on Physical Science at Swadeshi Science Congress 2020 held at ICAR-CPCRI, Kasaragod during 27-29 February, 2020.

Jan

**Dr. Anitha Karun**Director
ICAR-CPCRI, Kasaragod

[]

Dr. A.R.S. Menon Secretary SSM-K, Kochi



## CERTIFICATE OF APPRECIATION

Hereby awards a Certificate of Appreciation

to

Department of Public Administration and Policy Studies

Central University of Kerala

in honour of your significant contribution towards
effective implementation of
'We deserve' project.

District administration place it on record your sincere efforts.

Kasaragod 16-08-2019 Dr. D Sajith Babu IAS
District Collector
Kasargod

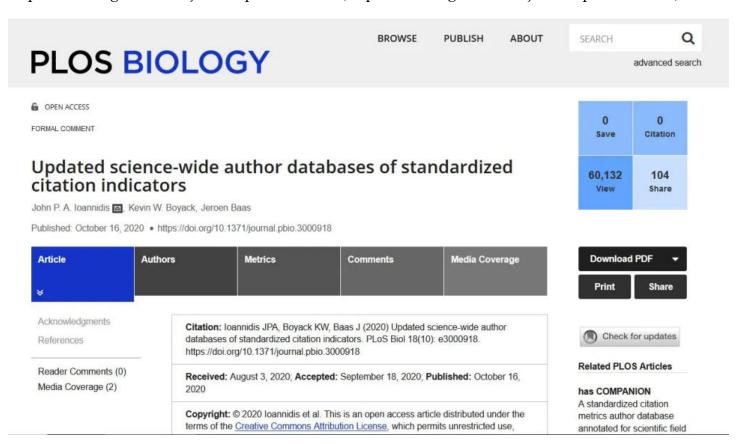
## Tech Talk

## Indian Researchers who are in Top 2% in their fields – Stanford Study

In recent times, a Stanford University study had published the names of researchers who are in the top 2% in their field. In this study, researchers across discipline have been classified into 22 scientific fields and 176 sub-fields. We have further segregated the authors based on their affiliation to Indian Universities. The complete study is downloadable from Plos Biology (https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918)

The entire list of researchers who are from India is listed below for quicker reference based on filtering the data from Mendeley, for personal records. For any official purposes, the reader is requested to refer back to the original source of the data (https://dx.doi.org/10.17632/btchxktzyw).

**Citation:** Ioannidis JPA, Boyack KW, Baas J (2020) Updated science-wide author databases of standardized citation indicators. PLoS Biol 18(10): e3000918. https://doi.org/10.1371/journal.pbio.3000918 (https://doi.org/10.1371/journal.pbio.3000918)



## $Downloadable\ PDF\ Document\ (https://techtalkdotorg.files.wordpress.com/2020/11/indian-authors.pdf)$

authfull	inst_name	firstyr	rank (ns)	Sub field	Sub field
Sekhar, A. S.	Indian Institute of Technology Madras	1992	83220	Acoustics	Mechanical Engineerin Transports
Chockalingam, A.	Indian Institute of Science, Bengaluru	1992	86669	Acoustics	Networkin Telecommi
Sharma, J. N.	National Institute of Technology Hamirpur	1985	139108	Acoustics	Mechanical Engineerin Transports
Maiti, S. K.	Indian Institute of Technology, Bombay	1975	156635	Acoustics	Mechanical Engineerin Transports
Rao, J. S.	Kumaraguru College of Technology	1970	163109	Acoustics	Mechanical Engineerin Transports
Phani, K. K.	Central Glass and Ceramic Research Institute India	1986	212270	Acoustics	Materials
Manohar, C. S.	Indian Institute of Science, Bengaluru	1985	392927	Acoustics	Civil Engin
Chattopadhyay, Amares	Indian Institute of Technology (Indian School of Mines), Dhanbad	1978	451586	Acoustics	Mechanical Engineerin Transports
Ghose, Debasish	Indian Institute of Science, Bengaluru	1988	75140	Aerospace & Aeronautics	Industrial Engineerin Automatio
Narasimhan, R. S.	Defence Research and Development Organisation India	1996	158360	Aerospace & Aeronautics	Networkin Telecommi
Mahulikar, Shripad P.	Indian Institute of Technology, Bombay	1992	317231	Aerospace & Aeronautics	Mechanical Engineerin Transports
Rao, G. Venkateswara	Vardhaman College of Engineering	1973	341408	Aerospace & Aeronautics	Civil Engin
Kumar, Sanjeev	Sri Guru Granth Sahib World University	1990	45193	Agronomy & Agriculture	Dairy & Ar Science

Sairam, Raj Kumar	ICAR – Indian Agricultural Research Institute, New Delhi	1975	55798	Agronomy & Agriculture	Plant Biolo Botany
Rout, Gyana R.	Orissa University of Agriculture & Technology	1991	61491	Agronomy & Agriculture	Plant Biolo Botany
Kumar, Ashok	Indian Veterinary Research Institute	1984	67206	Agronomy & Agriculture	Dairy & Ar Science
Khan, Nafees A.	Aligarh Muslim University	1990	69318	Agronomy & Agriculture	Plant Biolo Botany
Vadez, Vincent	International Crops Research Institute for the Semi-Arid Tropics	1995	74643	Agronomy & Agriculture	Plant Biolo Botany
Upadhyaya, Hari D.	International Crops Research Institute for the Semi-Arid Tropics	1983	77550	Agronomy & Agriculture	Plant Biolo Botany
Nayyar, Harsh	Panjab University	1994	100417	Agronomy & Agriculture	Plant Biolo Botany
Sudheer, K. P.	Indian Institute of Technology Madras	2000	119124	Agronomy & Agriculture	Environme Engineerin
Singh, Ajay	Indian Institute of Technology Kharagpur	2010	137192	Agronomy & Agriculture	Environme Engineerin
Moorthy, S. N.	ICAR – Central Tuber Crops Research Institute, Thiruvananthapuram	1982	151421	Agronomy & Agriculture	Food Scien
Kumar, Sunil	National Environmental Engineering Research Institute India	1999	156134	Agronomy & Agriculture	Environme Sciences
Jha, Shyam Narayan	ICAR – Central Institute of Post- Harvest Engineering and Technology, Ludhiana	1993	158698	Agronomy & Agriculture	Food Scien
Singh, Kuldeep	Government Medical College Srinagar	1984	161944	Agronomy & Agriculture	Plant Biolo Botany
Akhtar, Mohd Sayeed	Gandhi Faiz-e-Aam College	1992	164015	Agronomy & Agriculture	Plant Biolo Botany

Singh, Bhupinder	University Institute of Pharmaceutical Sciences India	1994	213031	Agronomy & Agriculture	Pharmacole Pharmacy
Kumar, Ajay	Indian Institute of Integrative Medicine, Srinagar	2005	257666	Agronomy & Agriculture	Energy
Kumar, B. Mohan	Kerala Agricultural University	1992	262009	Agronomy & Agriculture	Forestry
Rathore, Anurag S.	Indian Institute of Technology Delhi	1995	49061	Analytical Chemistry	Biotechnolo
Sreenivasan, K.	Sree Chitra Tirunal Institute for Medical Sciences and Technology	1983	72372	Analytical Chemistry	Polymers
Srinivas, Nuggehally R.	Jubilant Generics Limited	1987	73516	Analytical Chemistry	Pharmacole Pharmacy
Padh, Harish	B.V. Patel Pharmaceutical Education and Research Development (PERD) Centre	1976	80847	Analytical Chemistry	Pharmacolo Pharmacy
Pundir, C. S.	Maharshi Dayanand University	1984	84549	Analytical Chemistry	Biotechnolo
Gupta, Vinay	University of Delhi	1994	92365	Analytical Chemistry	Applied Ph
Ali, Javed	Jamia Hamdard	1997	95203	Analytical Chemistry	Pharmacole Pharmacy
Singh, Kunwar P.	Indian Institute of Toxicology Research	1995	112124	Analytical Chemistry	Environme Sciences
Chandra, B. P.	Pt. Ravishankar Shukla University	1972	115538	Analytical Chemistry	Applied Ph
John, S. Abraham	The Gandhigram Rural Institute	1993	124866	Analytical Chemistry	Energy
Gupta, Banshi D.	Indian Institute of Technology Delhi	1978	137364	Analytical Chemistry	Optics
Sinha, V. R.	University Institute of Pharmaceutical Sciences India	1990	163074	Analytical Chemistry	Pharmacole Pharmacy
Prakash, R.	Indian Institute of Technology Banaras Hindu University	1998	175628	Analytical Chemistry	Applied Ph

Dhoble, S. J.	Rashtrasant Tukadoji Maharaj Nagpur University	1991	198469	Analytical Chemistry	Applied Ph
Manorama, S. V.	Indian Institute	1992	257291	Analytical Chemistry	Materials
Gupta, Ramesh C.	Banaras Hindu University	1990	604642	Analytical Chemistry	Mining & Metallurgy
Gupta, Anju	VMMC & Safdarjang Hospital	1975	114573	Anesthesiology	Polymers
Garg, Harish	Thapar Institute of Engineering & Technology	2011	27122	Applied Mathematics	Artificial Intelligence Processing
Bhat, Sanjay P.	Tata Consultancy Services India	1994	73579	Applied Mathematics	Industrial Engineerin Automatio
Ray, S. Saha	National Institute of Technology Rourkela	2004	89930	Applied Mathematics	Numerical Computation
Ganapathi, M.	Vellore Institute of Technology, Vellore	1982	101597	Applied Mathematics	Materials
Chattopadhyay, Joydev	Indian Statistical Institute, Kolkata	1992	118230	Applied Mathematics	Bioinforma
Date, A. W.	Indian Institute of Technology, Bombay	1973	135018	Applied Mathematics	Mechanical Engineerin Transports
Chakraverty, Snehashish	National Institute of Technology Rourkela	1991	160266	Applied Mathematics	Artificial Intelligence Processing
Kothyari, U. C.	Indian Institute of Technology Roorkee	1986	168785	Applied Mathematics	Environme Engineerin
Mukhopadhyay, M.	Indian Institute of Engineering Science and Technology, Shibpur	1974	179875	Applied Mathematics	Civil Engin
Mohanty, R. K.	South Asian University	1989	196450	Applied Mathematics	Numerical Computation Mathematic
Singh, Jagdev	JECRC University	2010	215951	Applied Mathematics	Mechanical Engineerin Transports
Kumar, Sunil	National Institute of Technology Jamshedpur	2013	266306	Applied Mathematics	Mechanical Engineerin Transports

Roy, Debasish	Indian Institute of Science, Bengaluru	1996	619225	Applied Mathematics	Mechanical Engineerin Transports
Philip, Daizy	Mar Ivanios College, Thiruvananthapuram	1988	22500	Applied Physics	Chemical F
Sundararajan, G.	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad	1980	33987	Applied Physics	Materials
Sharma, Samin K.	Malaviya National Institute of Technology Jaipur	1977	39230	Applied Physics	Cardiovasc System & Hematolog
Srivastava, Deepak Kumar	University of Lucknow	1979	45674	Applied Physics	Biochemist Molecular
Munichandraiah, N.	Indian Institute of Science, Bengaluru	1981	51988	Applied Physics	Energy
Murty, B. S.	Indian Institute of Technology Madras	1990	55985	Applied Physics	Materials
Malhotra, B. D.	Delhi Technological University	1974	61829	Applied Physics	Analytical Chemistry
Maiyalagan, T.	SRM Institute of Science and Technology	2005	66482	Applied Physics	Energy
Kumar, Devendra	Indian Institute of Technology Banaras Hindu University	1981	67443	Applied Physics	Materials
Pradhan, S. C.	Indian Institute of Technology Kharagpur	1993	68818	Applied Physics	Materials
Manna, S. S.	S N Bose National Centre for Basic Science	1983	71334	Applied Physics	Fluids & Pl
Manna, Indranil	Indian Institute of Technology Kharagpur	1988	72966	Applied Physics	Materials
Gurrappa, I.	Defence Metallurgical Research Lab India	1986	78571	Applied Physics	Materials
Banerjee, Dipankar	Indian Institute of Science, Bengaluru	1978	79289	Applied Physics	Materials
Pati, Swapan K.	Jawaharlal Nehru Centre for Advanced Scientific Research	1995	82420	Applied Physics	Chemical F

Rao, K. J.	Indian Institute of Science, Bengaluru	1972	84604	Applied Physics	Materials
Tyagi, A. K.	Bhabha Atomic Research Centre	1988	94087	Applied Physics	Materials
Ram, S.	Indian Institute of Technology Kharagpur	1985	101187	Applied Physics	Materials
Rajpure, K. Y.	Shivaji University	1997	103750	Applied Physics	Materials
Sengwa, R. J.	Jai Narain Vyas University	1988	112770	Applied Physics	Polymers
Gupta, Sanjeev K.	St. Xavier's College, Ahmedabad	1963	116560	Applied Physics	General Ph
Datta, Madhav	Amrita School of Engineering, Coimbatore	1973	117639	Applied Physics	Energy
Ravinder, D.	Osmania University	1990	119249	Applied Physics	Materials
Bhatia, Vikram	Corning Incorporated	1993	124501	Applied Physics	Optoelectro Photonics
Kumar, Arvind	Dr. B.R. Ambedkar National Institute of Technology	1981	127065	Applied Physics	Geological Geomatics Engineerin
Azam, Ameer	Aligarh Muslim University	1995	128127	Applied Physics	Materials
Aruna, S. T.	Council of Scientific and Industrial Research India	1996	131987	Applied Physics	Materials
Srinivasan, K.	National Institute of Technology, Tiruchirappalli	1972	133821	Applied Physics	Polymers
Hashmi, S. A.	University of Delhi	1986	137084	Applied Physics	Energy
Singh, N. B.	Sharda University	1968	139912	Applied Physics	Materials
Pandey, O. P.	Thapar Institute of Engineering & Technology	1970	141720	Applied Physics	Materials
Gupta, Prabhat Kumar	Raja Ramanna Centre for Advanced Technology	1973	142661	Applied Physics	Materials
Jain, I. P.	University of Rajasthan	1975	142740	Applied Physics	Energy
Sahay, P. P.	Motilal Nehru National Institute of Technology Allahabad	1990	144357	Applied Physics	Materials

Chattopadhyay, Kamanio	Indian Institute of Science, Bengaluru	1976	146506	Applied Physics	Materials
Gupta, Vinay	National Physical Laboratory India	1994	147147	Applied Physics	Energy
Karmakar, Basudeb	Central Glass and Ceramic Research Institute India	1985	150850	Applied Physics	Materials
Chatterjee, Ashok	University of Hyderabad	1983	151083	Applied Physics	General Ph
Rao, D. Narayana	University of Hyderabad	1975	151404	Applied Physics	Optoelectro Photonics
Padmanabhan, K. A.	College of Engineering, Guindy	1973	155225	Applied Physics	Materials
Ranganathan, S.	Indian Institute of Science, Bengaluru	1980	156792	Applied Physics	Materials
Panda, P. K.	National Aerospace Laboratories India	1996	166047	Applied Physics	Materials
Suryanarayana, S. V.	University Colleges of Science	1968	167289	Applied Physics	Materials
Das, Jayanta	Indian Institute of Technology Kharagpur	2003	173457	Applied Physics	Materials
Rajendran, V.	Dr. N.G.P. Arts and Science College	1992	174054	Applied Physics	Materials
Ganguli, Dibyendu	Indian Ceramic Society	1965	176927	Applied Physics	Materials
Prakash, Satya	Panjab University	1965	178437	Applied Physics	Materials
Pavan, Shanthi	Indian Institute of Technology Madras	1998	185547	Applied Physics	Electrical & Electronic Engineerin
Selvan, Ramakrishnan Kalai	Bharathiar University	2003	190358	Applied Physics	Energy
Soma, Venugopal Rao	University of Hyderabad	1997	192035	Applied Physics	Optoelectro Photonics
Mukhopadhyay, Ashim K.	Defence Metallurgical Research Lab India	1986	196324	Applied Physics	Materials
Sinha, Sujeet K.	Indian Institute of Technology Delhi	1992	199931	Applied Physics	Mechanical Engineerin Transports
Awana, V. P.S.	National Physical Laboratory India	1989	204909	Applied Physics	General Ph

Gupta, P. K.	Indian Institute of Technology Delhi	1978	212077	Applied Physics	Optics
Sadashiva, B. K.	Raman Research Institute	1976	212546	Applied Physics	Nanoscieno Nanotechn
Majumdar, Bhaskar	Defence Metallurgical Research Lab India	1980	215401	Applied Physics	Materials
Agarwal, Vivek	Indian Institute of Technology, Bombay	1992	219761	Applied Physics	Electrical & Electronic Engineerin
Rao, A. Venkateswara	Shivaji University	1977	220874	Applied Physics	Materials
Paul, Aloke	Indian Institute of Science, Bengaluru	1999	228011	Applied Physics	Materials
Majumdar, J. Dutta	Indian Institute of Technology Kharagpur	1998	239212	Applied Physics	Materials
Bhosale, C. H.	Sanjay Ghodawat University	1986	241543	Applied Physics	Materials
Maruthamuthu, P.	University of Madras	1975	249584	Applied Physics	Energy
Kamat, S. V.	Defence Metallurgical Research Lab India	1987	250170	Applied Physics	Materials
Agnihotry, S. A.	National Physical Laboratory India	1981	253220	Applied Physics	Energy
Suwas, Satyam	Indian Institute of Science, Bengaluru	1996	256085	Applied Physics	Materials
Kennedy, L. John	Vellore Institute of Technology, Chennai	2004	258173	Applied Physics	Materials
Ramesan, M. T.	University of Calicut	1998	265389	Applied Physics	Polymers
Das, Dipak K.	Defence Metallurgical Research Lab India	1990	266682	Applied Physics	Materials
Kaushika, N. D.	Indian Institute of Technology Delhi	1982	270794	Applied Physics	Energy
Srinivasan, Ashwin	Birla Institute of Technology and Science, Pilani	1990	270886	Applied Physics	Artificial Intelligence Processing
Srivastava, Chandan	Indian Institute of Science, Bengaluru	1966	290819	Applied Physics	Materials
Reddy, M. Gnaneswara	Acharya Nagarjuna University	2011	332406	Applied Physics	Mechanical Engineerin Transports

	Nagoya Kyoritsu			Arthritis &	Ī
Iwata, Hisashi	Hospital	1972	84629	Rheumatology	Orthopedic
Handa, Rohini	Indraprastha Apollo Hospitals	1990	261619	Arthritis & Rheumatology	General & I Medicine
Basu, Mousumi	Jadavpur University	1996	26138	Artificial Intelligence & Image Processing	Energy
Dash, Pradipta Kishore	Siksha O Anusandhan (Deemed to be University)	1969	27807	Artificial Intelligence & Image Processing	Energy
Kannan, R.	Rathinam College of Arts and Science	1980	39419	Artificial Intelligence & Image Processing	Computation Theory & Mathematic
Yegnanarayana, B.	International Institute of Information Technology, Hyderabad	1972	45604	Artificial Intelligence & Image Processing	Speech-Lar Pathology Audiology
Sakthivel, Rathinasamy	Bharathiar University	1999	49230	Artificial Intelligence & Image Processing	Industrial Engineerin Automation
Das, Debapriya	Indian Institute of Technology Kharagpur	1998	59665	Artificial Intelligence & Image Processing	Energy
Babu, B. V.	Graphic Era Deemed to be University	1999	82559	Artificial Intelligence & Image Processing	Chemical Engineerin
Sharma, Rajiv	ICAR – Central Institute of Post- Harvest Engineering and Technology, Ludhiana	1974	89735	Artificial Intelligence & Image Processing	Applied Ph
Garg, Naveen	Indian Institute of Technology Delhi	1993	90719	Artificial Intelligence & Image Processing	Computation Theory & Mathematic
Das, Ashok Kumar	International Institute of Information Technology, Hyderabad	2005	93774	Artificial Intelligence & Image Processing	Networkin Telecommi
Auer, Ludwig M.	National Neurosciences Centre	1975	97316	Artificial Intelligence & Image Processing	Neurology Neurosurg
Kumar, Anurag	Indian Institute of Science, Bengaluru	1985	107017	Artificial Intelligence & Image Processing	Networkin Telecommi

Roy, Provas	Kalyani Government Engineering College	2009	111452	Artificial Intelligence & Image Processing	Energy
Tripathy, Binod Chandra	Tripura University	1994	111919	Artificial Intelligence & Image Processing	General Mathemati
Swarup, K. S.	Indian Institute of Technology Madras	1990	112122	Artificial Intelligence & Image Processing	Energy
Padmanabhan, Venkata N.	Microsoft Research India	1995	112900	Artificial Intelligence & Image Processing	Networkin Telecommi
Goswami, Swapan K.	Jadavpur University	1985	137289	Artificial Intelligence & Image Processing	Energy
Misra, Sudip	Indian Institute of Technology Kharagpur	2003	138342	Artificial Intelligence & Image Processing	Networkin Telecommi
Kumar, Vijay	Physical Research Laboratory India	1969	155120	Artificial Intelligence & Image Processing	Optics
Chakraborty, Chandan	Indian Institute of Technology Kharagpur	1990	161242	Artificial Intelligence & Image Processing	Electrical & Electronic Engineerin
Saha, Sujoy Kumar	Indian Institute of Engineering Science and Technology, Shibpur	1989	176762	Artificial Intelligence & Image Processing	Mechanical Engineerin Transports
Kumar, Sandeep	Guru Jambheshwar University of Science and Technology	2006	193688	Artificial Intelligence & Image Processing	Networkin Telecommi
Kumari, Saru	Ch. Charan Singh University	2011	217258	Artificial Intelligence & Image Processing	Networkin Telecommı
Immanuel Selvakumar, A.	Karunya Institute of Technology and Sciences	2003	217671	Artificial Intelligence & Image Processing	Energy
Kalyanaraman, Shivkumar	IBM Research	1996	234139	Artificial Intelligence & Image Processing	Networkin Telecommi
Mukhopadhyay, Debdeep	Indian Institute of Technology Kharagpur	2004	245063	Artificial Intelligence & Image Processing	Computer Hardware Architectui
Kumar, Neeraj	Thapar Institute of Engineering & Technology	1994	253638	Artificial Intelligence & Image Processing	Networkin Telecommi
Vin, Harrick M.	Tata Research Development and Design Centre	1987	268522	Artificial Intelligence & Image Processing	Networkin Telecommi
Ray, Pratha Pratim	Sikkim University	2011	293797	Artificial Intelligence & Image Processing	Networkin Telecommi

Amin, Ruhul	International Institute of Information Technology	1984	300113	Artificial Intelligence & Image Processing	Networkin Telecommi
Kumar, Dilip	Sant Longowal Institute of Engineering and Technology	2009	316306	Artificial Intelligence & Image Processing	Networkin Telecommi
Ramesh, Maneesha Vinodini	Amrita University, Amritapuri Campus	2008	324486	Artificial Intelligence & Image Processing	Networkin Telecommi
Oruganti, Ramesh	Indian Institute of Technology Mandi	1983	344064	Artificial Intelligence & Image Processing	Electrical & Electronic Engineerin
Bhatnagar, Shalabh	Indian Institute of Science, Bengaluru	1995	351160	Artificial Intelligence & Image Processing	Industrial Engineerin Automatio
Arti, M. K.	Ambedkar Institute of Advanced Communication Technologies & Research	2006	351318	Artificial Intelligence & Image Processing	Networkin Telecommi
Padmanabhan, T.	Inter-University Centre for Astronomy and Astrophysics India	1977	3552	Astronomy & Astrophysics	Nuclear & Physics
Sahni, Varun	Inter-University Centre for Astronomy and Astrophysics India	1980	19578	Astronomy & Astrophysics	Nuclear & Physics
Iyer, B. R.	Tata Institute of Fundamental Research, Mumbai	1977	95517	Astronomy & Astrophysics	Nuclear & Physics
Ajith, P.	Tata Institute of Fundamental Research, Mumbai	2005	114517	Astronomy & Astrophysics	Nuclear & Physics
Joshi, Pankaj S.	Charotar University of Science & Technology	1980	115563	Astronomy & Astrophysics	Nuclear & Physics
Sen, Anjan A.	Jamia Millia Islamia	1996	116975	Astronomy & Astrophysics	Nuclear & Physics
Pradhan, Anirudh	GLA University, Mathura	1997	135464	Astronomy & Astrophysics	Nuclear & Physics
Chandra, Suresh	Lovely Professional University	1963	143416	Astronomy & Astrophysics	Applied Ph

Rahaman, Farook	Jadavpur University	1999	175847	Astronomy & Astrophysics	Nuclear & Physics
Chakraborty, Subenoy	Jadavpur University	1980	177515	Astronomy & Astrophysics	Nuclear & Physics
Gadagkar, Raghavendra	Indian Institute of Science, Bengaluru	1978	133059	Behavioral Science & Comparative Psychology	Entomolog
Flora, Swaran Jeet Singh	National Institute of Pharmaceutical Education and Research, Raebareli	1982	13357	Biochemistry & Molecular Biology	Toxicology
Kumar, Rakesh	Rajiv Gandhi Centre for Biotechnology	1987	16321	Biochemistry & Molecular Biology	Oncology & Carcinoger
Balaram, P.	National Centre for Biological Sciences	1972	21611	Biochemistry & Molecular Biology	Biophysics
Kakkar, Vijay V.	Thrombosis Research Institute, India	1967	25251	Biochemistry & Molecular Biology	Cardiovasc System & Hematolog
Barik, Sailen	Bose Institute	1985	27996	Biochemistry & Molecular Biology	Virology
Priyadarsini, K. I.	Bhabha Atomic Research Centre	1988	31109	Biochemistry & Molecular Biology	Chemical F
Chattopadhyay, Amitabha	Centre for Cellular and Molecular Biology india	1984	31140	Biochemistry & Molecular Biology	Biophysics
Gupta, Munishwar Nath	Indian Institute of Technology Delhi	1980	37079	Biochemistry & Molecular Biology	Biotechnolo
Devasagayam, T. P.A.	Bhabha Atomic Research Centre	1979	42379	Biochemistry & Molecular Biology	Toxicology
Jain, Mukesh	Jawaharlal Nehru University	2004	46155	Biochemistry & Molecular Biology	Plant Biolo Botany
Chattopadhyay, Naibedya	Central Drug Research Institute India	1993	59056	Biochemistry & Molecular Biology	Endocrinol Metabolisn
Balasubramanian, Dorairajan	L.V. Prasad Eye Institute India	1965	70517	Biochemistry & Molecular Biology	Ophthalmo Optometry
Augusti, K. T.	Kannur University	1961	73624	Biochemistry & Molecular Biology	Toxicology
Somasundaram, Kumaravel	Indian Institute of Science, Bengaluru	1996	75441	Biochemistry & Molecular Biology	Oncology & Carcinoger
Ravindranath, Vijayalakshmi	Indian Institute of Science, Bengaluru	1984	82297	Biochemistry & Molecular Biology	Neurology Neurosurg

Dey, Pranab	Postgraduate Institute of Medical Education & Research, Chandigarh	1990	91443	Biochemistry & Molecular Biology	Pathology
Jameel, Shahid	Wellcome Trust/DBT India Alliance	1986	94812	Biochemistry & Molecular Biology	Virology
Kakkar, Poonam	Indian Institute of Toxicology Research	1984	104142	Biochemistry & Molecular Biology	Toxicology
Anuradha, C. V.	Annamalai University	1988	110421	Biochemistry & Molecular Biology	Toxicology
Sharma, Deepak Kr	Netaji Subhas Institute of Technology	1986	110538	Biochemistry & Molecular Biology	Dairy & Ar Science
Roy, Ipsita	National Institute of Pharmaceutical Education and Research, Mohali	1992	118542	Biochemistry & Molecular Biology	Biotechnolo
Chatterjee, Indu B.	University of Calcutta	1957	141128	Biochemistry & Molecular Biology	Toxicology
Grover, Anil	University of Delhi	1985	146509	Biochemistry & Molecular Biology	Plant Biolo Botany
Gupta, Satya Prakash	Meerut Institute of Engineering & Technology	1977	147967	Biochemistry & Molecular Biology	Medicinal & Biomolecul Chemistry
Raghavendra, Agepati S.	University of Hyderabad	1973	158579	Biochemistry & Molecular Biology	Plant Biolo Botany
Rao, A. R.	Jawaharlal Nehru University	1976	179066	Biochemistry & Molecular Biology	Medicinal & Biomolecul Chemistry
Ahmad, Faizan	Jamia Millia Islamia	1970	193911	Biochemistry & Molecular Biology	Biophysics
Pal, Nikhil R.	Indian Statistical Institute, Kolkata	1987	13970	Bioinformatics	Artificial Intelligence Processing
Vidyasagar, Mathukumalli	Indian Institute of Technology Hyderabad	1970	19058	Bioinformatics	Industrial Engineerin Automatio
Bandyopadhyay, Sanghamitra	Indian Statistical Institute, Kolkata	1995	26761	Bioinformatics	Artificial Intelligence Processing
Maulik, Ujjwal	Jadavpur University	1998	43210	Bioinformatics	Artificial Intelligence Processing

	National Centre for				Nounalogy
Bhalla, Upinder S.	Biological Sciences	1992	54583	Bioinformatics	Neurology Neurosurg
Kar, Tapan Kumar	Indian Institute of Engineering Science and Technology, Shibpur	2002	116900	Bioinformatics	Numerical Computation Mathematic
Venkatesh, Kareenhalli V.	Indian Institute of Technology, Bombay	1993	262100	Bioinformatics	Biotechnolo
Basu, Bikramjit	Indian Institute of Science, Bengaluru	1998	40187	Biomedical Engineering	Materials
Prabaharan, M.	Hindustan Institute of Technology and Science	2000	46123	Biomedical Engineering	Polymers
Bajpai, A. K.	Government Model Science College India	1994	54025	Biomedical Engineering	Polymers
Kumar, Ashok	Indian Institute of Technology Kanpur	1984	66530	Biomedical Engineering	Applied Ph
Pillai, C. K.S.	National Institute for Interdisciplinary Science and Technology	1973	93004	Biomedical Engineering	Polymers
Tripathi, D.	National Institute of Technology, Uttarakhand	2010	99848	Biomedical Engineering	Mechanical Engineerin Transports
Doble, Mukesh	Indian Institute of Technology Madras	2003	105575	Biomedical Engineering	Medicinal & Biomolecul Chemistry
Patra, Chitta Ranjan	Academy of Scientific and Innovative Research (AcSIR)	2001	154993	Biomedical Engineering	Nanosciena Nanotechn
Balla, Vamsi K.	Central Glass and Ceramic Research Institute India	2001	195224	Biomedical Engineering	Materials
Gromiha, M. Michael	Indian Institute of Technology Madras	1993	31157	Biophysics	Bioinforma
Chakrabarti, Pinak	Bose Institute	1989	36787	Biophysics	Biochemist Molecular
Udgaonkar, Jayant B.	National Centre for Biological Sciences	1983	92557	Biophysics	Biochemist Molecular
Atassi, M. Zouhair	Department of Biochemistry and Molecular Biology	1964	126777	Biophysics	Immunolo

Sinha, Rajeshwar P.	Banaras Hindu University	1993	174935	Biophysics	Plant Biolo Botany
Behari, J.	Jawaharlal Nehru University	1974	220713	Biophysics	Networkin Telecommi
Nath, Sunil	Indian Institute of Technology Delhi	1988	373054	Biophysics	Biotechnolo
Varshney, Rajeev K.	International Crops Research Institute for the Semi-Arid Tropics	1998	22065	Biotechnology	Plant Biolo Botany
Das, Debabrata	Indian Institute of Technology Kharagpur	1983	29479	Biotechnology	Energy
Yadav, Sudesh Kumar	Center of Innovative and Applied Bioprocessing	2003	34736	Biotechnology	Plant Biolo Botany
Rastogi, Navin Kumar	Central Food Technological Research Institute India	1994	39066	Biotechnology	Food Scien
Rai, Mahendra	Sant Gadge Baba Amravati University	2001	41432	Biotechnology	Nanosciena Nanotechn
Gupta, P. K.	Ch. Charan Singh University	1991	49836	Biotechnology	Plant Biolo Botany
Kathiresan, Kandasamy	Centre of Advanced Study in Marine Biology, Parangipettai	1987	51097	Biotechnology	Marine Bio Hydrobiok
Das, L. M.	Indian Institute of Technology Delhi	1990	63458	Biotechnology	Energy
Dubey, Rama Shanker	Banaras Hindu University	1978	73575	Biotechnology	Plant Biolo Botany
Datta, Swapan K.	University of Calcutta	1976	81405	Biotechnology	Plant Biolo Botany
Panda, S. K.	Assam University	2001	82316	Biotechnology	Plant Biolo Botany
Reddy, Narendra	Jyothy Institute of Technology	2004	84445	Biotechnology	Polymers
Raghukumar, C.	National Institute of Oceanography India	1986	96287	Biotechnology	Marine Bio Hydrobiolo
Moholkar, Vijayanand S.	Indian Institute of Technology Guwahati	1996	96430	Biotechnology	Chemical Engineerin

Tyagi, Akhilesh K.	University of Delhi	1979	101838	Biotechnology	Plant Biolo Botany
Garg, V. K.	Central University of Punjab	1990	110070	Biotechnology	Environme Sciences
Bajpai, Pratima	Thapar Institute of Engineering & Technology	1981	118388	Biotechnology	Forestry
Eapen, Susan	Bhabha Atomic Research Centre	1976	127757	Biotechnology	Plant Biolo Botany
Koul, Opender	Insect Biopesticide Research Centre	1977	133856	Biotechnology	Entomolog
Singhal, Rekha S.	Institute of Chemical Technology	1988	134136	Biotechnology	Food Scien
Jha, Bhavanath	Central Salt and Marine Chemicals Research Institute India	1990	142603	Biotechnology	Plant Biolo Botany
Panda, Amulya K.	National Institute of Immunology India	1989	144885	Biotechnology	Pharmacolo Pharmacy
Siddiqui, Zaki A.	Aligarh Muslim University	1994	146481	Biotechnology	Plant Biolo Botany
Ghose, Mrinal K.	Maulana Abul Kalam Azad University of Technology	1993	148881	Biotechnology	Environme Sciences
Chandra, Ram	Babasaheb Bhimrao Ambedkar University	2000	150265	Biotechnology	Environme Sciences
Kadirvelu, K.	Bharathiar University	1994	156226	Biotechnology	Environme Sciences
Sharma, Tilak R.	ICAR – Indian Institute of Agricultural Biotechnology, Ranchi	1994	159054	Biotechnology	Plant Biolo Botany
Martin, Kottackal Poulose	University of Calicut	1996	162402	Biotechnology	Plant Biolo Botany
Vijayalakshmi, M. A.	Vellore Institute of Technology, Vellore	1979	168828	Biotechnology	Analytical Chemistry
Jeganathan, Prakash Maran	Periyar University	2012	172058	Biotechnology	Polymers
Mukhopadhyay, Mamata	Indian Institute of Technology, Bombay	1974	183058	Biotechnology	Chemical Engineerin
Sharma, D. K.	Indian Institute of Technology Delhi	1978	183230	Biotechnology	Energy

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Bajpai, Pramod Kumar	Thapar Institute of Engineering & Technology	1979	187453	Biotechnology	Forestry
Pangarkar, Vishwas G.	Institute of Chemical Technology	1974	188956	Biotechnology	Chemical Engineerin
Venugopal, Vazhiyil	Kerala University of Fisheries and Ocean Studies	1972	192795	Biotechnology	Food Scien
Reuben, Rachel	Central Institute of Medicinal and Aromatic Plants India	1963	235336	Biotechnology	Tropical M
Suresh, K. P.	ICAR – National Institute Of Veterinary Epidemiology And Disease Informatics, Bengaluru	1999	249696	Biotechnology	Dairy & Ar Science
Ramadhas, A. S.	Indian Oil Corporation Limited	2004	250215	Biotechnology	Energy
Bhaskar, Thallada	Indian Institute of Petroleum	1998	253202	Biotechnology	Energy
Gacche, Rajesh N.	Savitribai Phule Pune University	2001	272385	Biotechnology	Medicinal of Biomolecul Chemistry
Sukla, Lala Behari	Siksha O Anusandhan (Deemed to be University)	1982	484051	Biotechnology	Mining & Metallurgy
Tiwari, Gopal Nath	Indian Institute of Technology Delhi	1973	118758	Building & Construction	Energy
Banerjee, Rangan	Indian Institute of Technology, Bombay	1990	162853	Building & Construction	Energy
Bansal, N. K.	CEPT University	1968	180303	Building & Construction	Energy
Nahar, N. M.	ICAR – Central Arid Zone Research Institute, Jodhpur	1980	188095	Building & Construction	Energy
Talukdar, Prabal	Indian Institute of Technology Delhi	2001	247402	Building & Construction	Mechanical Engineerin Transports
Rajendran, Chandrasekharan	Indian Institute of Technology Madras	1990	24880	Business & Management	Operations
Jayaraman, Vaidyanathan	Data Sciences and Analytics	1993	49931	Business & Management	Operations

Holt, Gary D.	Saveetha School of Engineering	1993	81819	Business & Management	Building & Construction
Sangwan, Kuldip Singh	Birla Institute of Technology and Science, Pilani	2003	222886	Business & Management	Industrial Engineerin Automatio
Kumar, Pradeep	Indian Institute of Technology Roorkee	1995	259869	Business & Management	Materials
Gupta, Rajeev	Indian Institute of Technology Kanpur	1979	9399	Cardiovascular System & Hematology	General & Medicine
Reddy, Kolli Srinath	Public Health Foundation of India	1979	11295	Cardiovascular System & Hematology	General & Medicine
Ghosh, Kanjaksha	Institute of Immunohaematology Mumbai	1976	87958	Cardiovascular System & Hematology	Immunolog
Sharma, Sanjeev	ICAR – Central Potato Research Institute, Shimla	1971	115465	Cardiovascular System & Hematology	Plant Biolo Botany
Pais, Prem	St. John's Research Institute	1991	132951	Cardiovascular System & Hematology	General & Medicine
Goyal, Ramesh K.	Delhi Pharmaceutical Sciences and Research University	1979	179220	Cardiovascular System & Hematology	Pharmacolo Pharmacy
Balakumar, Pitchai	J.K.K.Nattraja College of Pharmacy	2005	187715	Cardiovascular System & Hematology	Pharmacolo Pharmacy
Aminabhavi, Tejraj M.	Soniya Education Trust's College of Pharmacy	1979	9790	Chemical Engineering	Polymers
Sharma, A.	Indian Institute of Technology Kanpur	1979	16276	Chemical Engineering	Chemical F
Mittal, Alok	Maulana Azad National Institute of Technology	1979	23515	Chemical Engineering	Chemical F
Yadav, Ganapati D.	Institute of Chemical Technology	1979	24360	Chemical Engineering	Physical Cl
Bhattacharyya, Krishna G.	Gauhati University	1989	40291	Chemical Engineering	Environme Sciences
Namasivayam, Chinnaya	Bharathiar University	1992	43546	Chemical Engineering	Environme Sciences
Jacob, K. T.	Indian Institute of Science, Bengaluru	1970	44921	Chemical Engineering	Materials

Mohan, Dinesh	Jawaharlal Nehru University	1994	45999	Chemical Engineering	Environme Sciences
Mishra, Barada Kanta	Institute of Minerals and Materials Technology India	1990	48349	Chemical Engineering	Mining & Metallurgy
Ghosh, Swapan K.	University of Mumbai	1982	48420	Chemical Engineering	Chemical F
Tiwari, G. N.	Shri Ramswaroop Memorial University	1978	51836	Chemical Engineering	Energy
Basak, Tanmay	Indian Institute of Technology Madras	1996	59646	Chemical Engineering	Mechanical Engineerin Transports
Paria, Santanu	National Institute of Technology Rourkela	2001	61877	Chemical Engineering	Chemical F
Soundalgekar, V. M.	Brindavan Society	1965	72092	Chemical Engineering	Mechanical Engineerin Transports
Kumar, Arvind	Atma Ram Sanatan Dharma College	1996	72857	Chemical Engineering	Chemical F
Bandyopadhyay, Santanu	Indian Institute of Technology, Bombay	1998	81565	Chemical Engineering	Energy
Mashelkar, Raghunath Anant	National Chemical Laboratory India	1969	92236	Chemical Engineering	Polymers
Basu, Suddhasatwa	Institute of Minerals and Materials Technology India	1993	97281	Chemical Engineering	Energy
Kapur, P. C.	Tata Research Development and Design Centre	1965	110102	Chemical Engineering	Mining & Metallurgy
Nidheesh, P. V.	National Environmental Engineering Research Institute India	2011	116116	Chemical Engineering	Environme Sciences
Mandal, Ajay	Indian Institute of Technology (Indian School of Mines), Dhanbad	2003	132575	Chemical Engineering	Energy
Mondal, Subrata	National Institute of Technical Teachers' Training & Research, Kolkata	1997	137680	Chemical Engineering	Polymers
Das, Pritam Kumar	Jadavpur University	1986	140597	Chemical Engineering	Mechanical Engineerin Transports

Bhattacharya, A.	Central Salt and Marine Chemicals Research Institute India	1994	143819	Chemical Engineering	Polymers
Jasra, R. V.	Reliance Industries Limited	1982	155567	Chemical Engineering	Physical Cl
Banerjee, Susanta	Indian Institute of Technology Kharagpur	1992	157347	Chemical Engineering	Polymers
Reddy, M. L.P.	National Institute for Interdisciplinary Science and Technology	1982	160526	Chemical Engineering	Inorganic & Chemistry
Chanda, Manas	Indian Institute of Science, Bengaluru	1974	163682	Chemical Engineering	Polymers
Akolekar, Deepak B.	Dow Chemical International Private Limited	1987	165266	Chemical Engineering	Physical Cl
Singh, Vandana	University of Allahabad	1984	171085	Chemical Engineering	Polymers
Singh, K. P.	ICAR – Indian Agricultural Research Institute, New Delhi	1972	173279	Chemical Engineering	Environme Engineerin
Chauhan, Ghanshyam S.	Himachal Pradesh University	1987	185301	Chemical Engineering	Polymers
Eswaran, Vinayak	Indian Institute of Technology Hyderabad	1995	189671	Chemical Engineering	Mechanical Engineerin Transports
Roy, S.	Indian Institute of Technology Madras	1992	257251	Chemical Engineering	Mechanical Engineerin Transports
Kansal, Sushil Kumar	Panjab University	2004	270435	Chemical Engineering	Materials
Prashanth, Konda Gokuldoss	Vellore Institute of Technology, Vellore	2009	274802	Chemical Engineering	Materials
Patnaik, Pratap R.	Gharda Institute of Technology	1978	282496	Chemical Engineering	Biotechnolo
Reddy, B. Ramachandra	Rubamin Ltd.	1987	321987	Chemical Engineering	Mining & Metallurgy
Das, Bisweswar	Institute of Minerals and Materials Technology India	1988	467782	Chemical Engineering	Mining & Metallurgy

Panchal, Hitesh	Government Engineering College Patan	2011	637662	Chemical Engineering	Energy
Sarangi, Kadambini	Institute of Minerals and Materials Technology India	1999	660533	Chemical Engineering	Mining & Metallurgy
Jana, Nikhil R.	Indian Association for the Cultivation of Science	1991	7173	Chemical Physics	Nanosciena Nanotechn
Sastry, Srikanth	Jawaharlal Nehru Centre for Advanced Scientific Research	1990	28608	Chemical Physics	Fluids & Pl
Ahmaruzzaman, M.	National Institute of Technology Silchar	2005	31360	Chemical Physics	Chemical Engineerin
Pradeep, Thalappil	Indian Institute of Technology Madras	1988	31851	Chemical Physics	Nanosciena Nanotechn
Patra, Amitava	Indian Association for the Cultivation of Science	1992	42493	Chemical Physics	Physical Cł
Maitra, Amarnath	University of Delhi	1973	49145	Chemical Physics	Pharmacole Pharmacy
Anandan, Sambandam	National Institute of Technology, Tiruchirappalli	1999	56330	Chemical Physics	Organic Ch
Bhattacharya, Santanu	Indian Association for the Cultivation of Science	1987	71996	Chemical Physics	Organic Ch
Bajpai, S. K.	Government Model Science College India	1995	77254	Chemical Physics	Polymers
Pal, Anjali	Indian Institute of Technology Kharagpur	1989	81551	Chemical Physics	Chemical Engineerin
Mathur, Deepak	Manipal Academy of Higher Education	1975	82864	Chemical Physics	General Ph
Nain, Anil Kumar	University of Delhi, Dyal Singh College	1996	85327	Chemical Physics	Chemical Engineerin
Shahi, Vinod K.	Central Salt and Marine Chemicals Research Institute India	1999	86742	Chemical Physics	Chemical Engineerin
Suresh, Cherumuttathu H.	National Institute for Interdisciplinary Science and Technology	1995	88816	Chemical Physics	Organic Ch

Sharma, S. C.	Jain University	1989	93488	Chemical Physics	Materials
Natarajan, K. A.	Indian Institute of Science, Bengaluru	1981	95093	Chemical Physics	Mining & Metallurgy
Kumaran, V.	Indian Institute of Science, Bengaluru	1992	99175	Chemical Physics	Fluids & Pl
Rai, Vineet Kumar	Indian Institute of Technology (Indian School of Mines), Dhanbad	2003	99825	Chemical Physics	Applied Ph
Rai, S. B.	Banaras Hindu University	1995	109264	Chemical Physics	Applied Ph
Pal, Amalendu	Kurukshetra University	1982	124475	Chemical Physics	Chemical Engineerin
Mandal, Badal Kumar	Vellore Institute of Technology, Vellore	1994	129970	Chemical Physics	General Ch
Philip, John	Indira Gandhi Centre for Atomic Research	1991	136024	Chemical Physics	Applied Ph
Ningthoujam, Raghumani Singh	Bhabha Atomic Research Centre	2002	145890	Chemical Physics	Applied Ph
Ahmad, Absar	National Chemical Laboratory India	1984	151787	Chemical Physics	Nanoscieno Nanotechn
Nandi, Arun K.	Indian Association for the Cultivation of Science	1983	153617	Chemical Physics	Polymers
Sampath, S.	Indian Institute of Science, Bengaluru	1991	154761	Chemical Physics	Energy
Shivakumara, C.	Indian Institute of Science, Bengaluru	1991	156742	Chemical Physics	Materials
Singh, S. K.	Indian Institute of Technology Banaras Hindu University	2009	158333	Chemical Physics	Nanosciena Nanotechn
Roopan, Selvaraj Mohana	Vellore Institute of Technology, Vellore	2008	166766	Chemical Physics	Inorganic & Chemistry
Sastry, Nandhibatla Vishwanada	Sardar Patel University	1984	173928	Chemical Physics	Chemical Engineerin
Ramasesha, S.	Indian Institute of Science, Bengaluru	1976	177947	Chemical Physics	Applied Ph
Singh, Sanjay	Ahmedabad University	2007	178360	Chemical Physics	Nanoscieno Nanotechn
Yelamaggad, C. V.	Centre for Nano and Soft Matter Sciences	1992	193958	Chemical Physics	Nanoscieno Nanotechn

Deb, Bimalendu	Indian Association for the Cultivation of Science	1969	222108	Chemical Physics	General Ph
Ganesh, Vattikondala	SRM Institute of Science and Technology	1993	230451	Chemical Physics	Materials
Gardas, Ramesh L.	Indian Institute of Technology Madras	2003	233176	Chemical Physics	Chemical Engineerin
Bhattacharyya, Aninda J.	Indian Institute of Science, Bengaluru	1996	234229	Chemical Physics	Energy
Subramanian, S.	Indian Institute of Science, Bengaluru	1988	482446	Chemical Physics	Mining & Metallurgy
Dey, Subhasish	Indian Institute of Technology Kharagpur	1988	65160	Civil Engineering	Environme Engineerin
Gupta, N. K.	Indian Institute of Technology Delhi	1978	109269	Civil Engineering	Mechanical Engineerin Transports
Chandrasekhar, Sathy	National Institute for Interdisciplinary Science and Technology	1985	237181	Civil Engineering	Materials
Rao, B. N.	Indian Institute of Technology Madras	2000	269350	Civil Engineering	Mechanical Engineerin Transports
Patwardhan, Bhushan	Savitribai Phule Pune University	1988	58641	Complementary & Alternative Medicine	Medicinal & Biomolecul Chemistry
Baliga, Manjeshwar Shrinath	Mangalore Institute of Oncology	2002	70732	Complementary & Alternative Medicine	Oncology & Carcinoger
Pal, Sankar Kumar	Indian Statistical Institute, Kolkata	1977	14373	Computation Theory & Mathematics	Artificial Intelligence Processing
Vishwanathan, Sundar	Indian Institute of Technology, Bombay	1988	87158	Computation Theory & Mathematics	Artificial Intelligence Processing
Sarkar, Palash	Indian Statistical Institute, Kolkata	1997	123928	Computation Theory & Mathematics	Artificial Intelligence Processing
Chaudhuri, Subhasis	Indian Institute of Technology, Bombay	1987	147029	Computation Theory & Mathematics	Artificial Intelligence Processing
Maji, Pradipta	Indian Statistical Institute, Kolkata	2001	149483	Computation Theory & Mathematics	Artificial Intelligence Processing

Kumar, Pratyush	Indian Institute of Technology (Indian School of Mines), Dhanbad	1985	176655	Computation Theory & Mathematics	Networkin Telecommi
Maitra, Subhamoy	Indian Statistical Institute, Kolkata	1999	185130	Computation Theory & Mathematics	Artificial Intelligence Processing
Pal, Umapada	Indian Statistical Institute, Kolkata	1995	186448	Computation Theory & Mathematics	Artificial Intelligence Processing
Murthy, C. A.	Indian Statistical Institute, Kolkata	1983	232205	Computation Theory & Mathematics	Artificial Intelligence Processing
Rajan, B. Sundar	Indian Institute of Science, Bengaluru	1988	317772	Computation Theory & Mathematics	Networkin Telecommi
Gupta, Manish	Indira Gandhi Medical College	1991	184754	Computer Hardware & Architecture	Artificial Intelligence Processing
Ramjee, Ramachandran	Microsoft Research India	1994	224886	Computer Hardware & Architecture	Networkin Telecommi
Ramanathan, S.	Indian Institute of Science, Bengaluru	1992	228413	Computer Hardware & Architecture	Networkin Telecommi
Bose, Ranjan	Indian Institute of Technology Delhi	1995	315549	Computer Hardware & Architecture	Networkin Telecommi
Mishra, Santanu Kumar	Indian Institute of Technology Kanpur	2005	456436	Computer Hardware & Architecture	Electrical & Electronic Engineerin
Kapat, Santanu	Indian Institute of Technology Kharagpur	2008	545199	Computer Hardware & Architecture	Electrical & Electronic Engineerin
Kumar, Rajeev	Panjab University	1994	51747	Dairy & Animal Science	Agronomy Agriculture
Singh, K. P.	Bhabha Atomic Research Centre	1965	55098	Dairy & Animal Science	Agronomy Agriculture
Singh, Baljeet	Post Graduate Government College, Sector 11	1996	127208	Dairy & Animal Science	Mechanical Engineerin Transports
Singh, Vivek	University of Allahabad	1984	191732	Dairy & Animal Science	Optics
Carberry, Peter	International Crops Research Institute for the Semi-Arid Tropics	1985	191799	Dairy & Animal Science	Agronomy Agriculture

Job, C. K.	St. Thomas Hospital	1963	149664	Dermatology & Venereal Diseases	Tropical M
Gupta, Raj Kumar	Thapar Institute of Engineering & Technology	1985	61383	Design Practice & Management	Computer Hardware Architectur
Panda, Preeti Ranjan	Indian Institute of Technology Delhi	1995	183555	Design Practice & Management	Computer Hardware Architectur
Ravi, S.	Kavery Engineering College	1998	246978	Design Practice & Management	Computer Hardware Architectur
Raghava, Gajendra P.S.	Indraprastha Institute of Information Technology, Delhi	1988	64991	Developmental Biology	Bioinforma
Tuteja, Renu	International Centre for Genetic Engineering and Biotechnology, New Delhi	1989	90350	Developmental Biology	Plant Biolo Botany
Srinivasula, S. Murty	Indian Institute of Science Education and Research Thiruvananthapuram	1995	96275	Developmental Biology	Biochemist Molecular
Lakhotia, Subhash C.	Banaras Hindu University	1968	192371	Developmental Biology	Plant Biolo Botany
Mittal, Sparsh	Indian Institute of Technology Hyderabad	2009	126763	Distributed Computing	Computer Hardware Architectui
Gadgil, Madhav	Goa University	1975	79652	Ecology	Plant Biolo Botany
Kala, Chandra Prakash	Indian Institute of Forest Management	1999	120212	Ecology	Medicinal & Biomolecul Chemistry
White, Howard	Campbell Collaboration	1992	91846	Economics	Developme Studies
Ghosh, Sajal	Management Development Institute, Gurgaon	2001	131738	Economics	Energy
Dutta Roy, S. C.	Indian Institute of Technology Delhi	1963	314943	Education	Networkin Telecommi
Mishra, Sukumar	Indian Institute of Technology Delhi	1995	42558	Electrical & Electronic Engineering	Energy

Ghosh, Arindam	Dr. B.C. Roy Engineering College, Durgapur	2003	55398	Electrical & Electronic Engineering	Energy
Padhy, Narayana Prasad	Indian Institute of Technology Roorkee	1997	64554	Electrical & Electronic Engineering	Energy
Samantaray, Subhransu Ranjan	Indian Institute of Technology Bhubaneswar	2004	74518	Electrical & Electronic Engineering	Energy
Singh, Sri Niwas	Indian Institute of Technology Kanpur	1994	81845	Electrical & Electronic Engineering	Energy
Kothari, D. P.	Gaikwad-Patil Group of Institutions	1976	128056	Electrical & Electronic Engineering	Energy
Chatterjee, Amitava	Jadavpur University	2000	139534	Electrical & Electronic Engineering	Artificial Intelligence Processing
Guha, Debatosh	Institute of Radiophysics and Electronics India	1992	139685	Electrical & Electronic Engineering	Networkin Telecommi
Chakrabarti, Amaresh	Indian Institute of Science, Bengaluru	1992	147613	Electrical & Electronic Engineering	Design Pra Manageme
Das, Biswarup	Indian Institute of Technology Roorkee	1998	173255	Electrical & Electronic Engineering	Energy
Ashok, S.	National Institute of Technology Calicut	1997	192902	Electrical & Electronic Engineering	Energy
Kumar, Ashwani	National Institute of Technology Kurukshetra	1980	196454	Electrical & Electronic Engineering	Energy
Kumar, Girish	Indian Institute of Technology, Bombay	1983	198428	Electrical & Electronic Engineering	Networkin Telecommi
Kumar, Rajesh	Malaviya National Institute of Technology Jaipur	1985	205203	Electrical & Electronic Engineering	Networkin Telecommi
Sharma, M. P.	Alternate Hydro Energy Centre	1979	214341	Electrical & Electronic Engineering	Energy
Sinha, Avinash Kumar	Indian Institute of Technology Kharagpur	1984	220350	Electrical & Electronic Engineering	Energy

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Tripathy, S. C.	Ghanashyam Hemalata Institute of Technology and Management	1974	220542	Electrical & Electronic Engineering	Energy
Nanda, Janardan	Indian Institute of Technology Delhi	1971	224207	Electrical & Electronic Engineering	Energy
Senroy, Nilanjan	Indian Institute of Technology Delhi	2006	226352	Electrical & Electronic Engineering	Energy
Chakrabarti, Saikatc	Indian Institute of Technology Kanpur	2004	226896	Electrical & Electronic Engineering	Energy
Kishor, Nand	Motilal Nehru National Institute of Technology Allahabad	2004	231425	Electrical & Electronic Engineering	Energy
Satish, L.	Indian Institute of Science, Bengaluru	1993	232458	Electrical & Electronic Engineering	Energy
Subudhi, Bidyadhar	Indian Institute of Technology Goa	1995	238699	Electrical & Electronic Engineering	Industrial Engineerin Automatio
Pradhan, Ashok Kumar	Indian Institute of Technology Kharagpur	1999	245891	Electrical & Electronic Engineering	Energy
Singh, Bharat	Indian Institute of Technology Mandi	1972	249766	Electrical & Electronic Engineering	Energy
Saini, R. P.	Indian Institute of Technology Roorkee	1997	253985	Electrical & Electronic Engineering	Energy
Chandel, Shyam Singh	National Institute of Technology Hamirpur	1978	254122	Electrical & Electronic Engineering	Energy
Ganti, Radha Krishna	Indian Institute of Technology Madras	2006	283330	Electrical & Electronic Engineering	Networkin Telecommi
Mohammed, Saif Khan	Indian Institute of Technology Delhi	2006	307325	Electrical & Electronic Engineering	Networkin Telecommi
De, Swades	Indian Institute of Technology Delhi	2001	317852	Electrical & Electronic Engineering	Networkin Telecommi

Sharma, B. R.	Government Medical College & Hospital, Chandigarh	2000	178551	Emergency & Critical Care Medicine	Legal & Fo: Medicine
Kurpad, Anura V.	St. John's Medical College	1984	108399	Endocrinology & Metabolism	Nutrition & Dietetics
Joshi, S.	Lilavati Hospital & Research Centre, Mumbai	1992	113908	Endocrinology & Metabolism	General & I Medicine
Singh, Bhim	Indian Institute of Technology Delhi	1979	10863	Energy	Electrical & Electronic Engineerin
Venkata Mohan, S.	Indian Institute of Chemical Technology	1995	17984	Energy	Biotechnolo
Joshi, Jyeshtharaj B.	Institute of Chemical Technology	1977	18739	Energy	Chemical Engineerin
Sharma, Yogesh Chandra	Indian Institute of Technology Banaras Hindu University	1990	24848	Energy	Chemical Engineerin
Patil, K. C.	Indian Institute of Science, Bengaluru	1966	35972	Energy	Materials
Singh, G. K.	Indian Institute of Technology Roorkee	1991	36403	Energy	Networkin Telecommi
Raj, Baldev	Indian Institute of Science, Bengaluru	1982	46389	Energy	Materials
Sharma, Atul	Rajiv Gandhi Institute of Petroleum Technology	1984	50910	Energy	Oncology & Carcinoger
Sarkar, Jahar	Indian Institute of Technology Banaras Hindu University	2004	54376	Energy	Mechanical Engineerin Transports
Panda, Sidhartha	VSS University of Technology	2006	60622	Energy	Artificial Intelligence Processing
Ramaprabhu, Sundara	Indian Institute of Technology Madras	1983	68072	Energy	Nanosciena Nanotechn
Goyal, Rajendra N.	Indian Institute of Technology Roorkee	1974	74024	Energy	Analytical Chemistry
Ravindranath, N. H.	Indian Institute of Science, Bengaluru	1981	89510	Energy	Meteorolog Atmospher Sciences
Palaniappan, Srinivasan	Council of Scientific and Industrial Research India	1990	96225	Energy	Polymers

Munjal, M. L.	Indian Institute of Science, Bengaluru	1970	100058	Energy	Acoustics
Pant, Kamal Kishore	Indian Institute of Technology Delhi	1996	105431	Energy	Chemical Engineerin
Ghosh, Ashish	Indian Statistical Institute, Kolkata	1990	115894	Energy	Artificial Intelligence Processing
Sodha, Mahendra Singh	The NorthCap University	1953	117535	Energy	Fluids & Pl
Dey, G. K.	Bhabha Atomic Research Centre	1982	118100	Energy	Materials
Aravindan, Vanchiappan	Indian Institute of Science Education and Research (IISER), Tirupati	2007	119931	Energy	Nanoscieno Nanotechn
Pandey, Prem C.	Indian Institute of Technology Banaras Hindu University	1984	120758	Energy	Analytical Chemistry
Rodriguez, P.	Indira Gandhi Centre for Atomic Research	1968	121787	Energy	Materials
Groll, M.	Indian Institute of Technology Guwahati	1969	125369	Energy	Mechanical Engineerin Transports
Venkatarama Reddy, B. V.	Indian Institute of Science, Bengaluru	1987	128496	Energy	Building & Construction
Sharma, G. D.	Jai Narain Vyas University	1983	135846	Energy	Applied Ph
Murthy, S. Sreenivasa	Indian Institute of Technology Delhi	1973	136503	Energy	Electrical & Electronic Engineerin
Jain, A. K.	Indian Institute of Technology Roorkee	1967	140453	Energy	Analytical Chemistry
Panigrahi, B. K.	Indian Institute of Technology Delhi	2001	141669	Energy	Artificial Intelligence Processing
Khandekar, Sameer	Indian Institute of Technology Kanpur	2003	142236	Energy	Mechanical Engineerin Transports
Naik, Satya Narayan	Indian Institute of Technology Delhi	1989	145316	Energy	Biotechnolo
Kamachi Mudali, U.	Heavy Water Board India	1986	146489	Energy	Materials

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Sundareswaran, Kinattingal	National Institute of Technology, Tiruchirappalli	1998	146791	Energy	Electrical & Electronic Engineerin
Banerjee, Srikumar	Bhabha Atomic Research Centre	1971	152694	Energy	Materials
Kundu, Balaram	Jadavpur University	1997	154239	Energy	Mechanical Engineerin Transports
Raj, C. Retna	Indian Institute of Technology Kharagpur	1997	157389	Energy	Analytical Chemistry
Kashyap, B. P.	Indian Institute of Technology Jodhpur	1981	158448	Energy	Materials
Chandorkar, Mukul C.	Indian Institute of Technology, Bombay	1992	164238	Energy	Electrical & Electronic Engineerin
Patwardhan, Ashwin W.	Institute of Chemical Technology	1996	174113	Energy	Chemical Engineerin
Murugan, Arumugam Vadivel	Pondicherry University	1998	179341	Energy	Materials
Mondal, Monoj Kumar	Banaras Hindu University	2007	185481	Energy	Chemical Engineerin
Rao, Tata N.	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad	1992	188673	Energy	Materials
Sukumaran, Rajeev K.	National Institute for Interdisciplinary Science and Technology	2005	199554	Energy	Biotechnolo
Srivastava, O. N.	Banaras Hindu University	1962	202747	Energy	Materials
Jain, Dilip	ICAR – Central Arid Zone Research Institute, Jodhpur	1989	206031	Energy	Food Scien
Jana, Amiya K.	Indian Institute of Technology Kharagpur	2005	213305	Energy	Chemical Engineerin
Singhania, Reeta Rani	Indian Oil Corporation Limited	2003	214454	Energy	Biotechnolo
Mishra, Mahesh Kumar	Indian Institute of Technology Madras	1998	221728	Energy	Electrical & Electronic Engineerin

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Bhattacharyya, Souvik	Birla Institute of Technology and Science, Pilani	1989	221922	Energy	Mechanical Engineerin Transports
Suresh, S.	National Institute of Technology, Tiruchirappalli	2006	234556	Energy	Mechanical Engineerin Transports
Devaraj, D.	Kalasalingam Academy of Research and Education	2002	234702	Energy	Artificial Intelligence Processing
Santhanam, Manu	Indian Institute of Technology Madras	2001	248230	Energy	Building & Construction
Panda, Gayadhar	National Institute of Technology Meghalaya	1981	249764	Energy	Artificial Intelligence Processing
Chamoli, Sunil	Govind Ballabh Pant Institute of Engineering and Technology	2012	258263	Energy	Mechanical Engineerin Transports
Prashad, H.	302 Central View Apartments	1984	261906	Energy	Mechanical Engineerin Transports
Basu, Rajendra N.	Central Glass and Ceramic Research Institute India	1986	262207	Energy	Materials
Nath, G.	C/o Prof. S. K. Sinha, KNIT Campus – IV/17, KNIT	1971	267736	Energy	Mechanical Engineerin Transports
Srinivasacharya, D.	National Institute of Technology, Warangal	2001	274276	Energy	Mechanical Engineerin Transports
Kain, Vivekanand	Bhabha Atomic Research Centre	1988	274435	Energy	Materials
Balaji, C.	Indian Institute of Technology Madras	1993	276195	Energy	Mechanical Engineerin Transports
Mishra, Subhash C.	Indian Institute of Technology Guwahati	1996	287521	Energy	Mechanical Engineerin Transports
Das, Ranjan	Indian Institute of Technology Ropar	2008	295112	Energy	Mechanical Engineerin Transports
Gupta, Rajesh	Motilal Nehru National Institute of Technology Allahabad	2005	330588	Energy	Electrical & Electronic Engineerin

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Jain, Shailendra	Maulana Azad National Institute of Technology	1999	340147	Energy	Electrical & Electronic Engineerin
Das, S. C.	Institute of Minerals and Materials Technology India	1979	472652	Energy	Mining & Metallurgy
Sharma, T.	Indian Institute of Technology (Indian School of Mines), Dhanbad	1987	476562	Energy	Mining & Metallurgy
Tuteja, Narendra	International Centre for Genetic Engineering and Biotechnology	1985	11253	Environmental Engineering	Plant Biolo Botany
Pal, Mahesh	National Institute of Technology Kurukshetra	2002	34920	Environmental Engineering	Geological Geomatics Engineerin
Suthar, Surindra	Doon University	2005	41798	Environmental Engineering	Environme Sciences
Jain, C. K.	National Institute of Hydrology India	1983	75752	Environmental Engineering	Environme Sciences
Jain, Sanjay K.	National Institute of Hydrology India	1974	89101	Environmental Engineering	Artificial Intelligence Processing
Ahmad, Rais	Aligarh Muslim University	2000	113760	Environmental Engineering	Chemical Engineerin
Subramanian, V.	Jawaharlal Nehru University	1975	119470	Environmental Engineering	Environme Sciences
Kumari, Mahesh	Indian Institute of Science, Bengaluru	1978	148418	Environmental Engineering	Mechanical Engineerin Transports
Malashetty, M. S.	Gulbarga University	1982	172201	Environmental Engineering	Mechanical Engineerin Transports
Bhattacharya, A.	Steel Authority of India Limited	1977	178477	Environmental Engineering	Environme Sciences
Rao, Sudhakar M.	Indian Institute of Science, Bengaluru	1983	192794	Environmental Engineering	Geological Geomatics Engineerin
Afzal, Noor	Embassy Hotel	1971	204269	Environmental Engineering	Mechanical Engineerin Transports
Murthy, P. V.S.N.	Indian Institute of Technology Kharagpur	1997	207877	Environmental Engineering	Mechanical Engineerin Transports

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Deo, M. C.	Indian Institute of Technology, Bombay	1979	216038	Environmental Engineering	Civil Engin
Ghangrekar, M. M.	Indian Institute of Technology Kharagpur	1996	268611	Environmental Engineering	Biotechnolo
Bhadauria, B. S.	Babasaheb Bhimrao Ambedkar University	2000	290470	Environmental Engineering	Mechanical Engineerin Transports
Shivakumara, I. S.	Bangalore University	1984	295177	Environmental Engineering	Mechanical Engineerin Transports
Siddheshwar, P. G.	Bangalore University	1986	320436	Environmental Engineering	Mechanical Engineerin Transports
Siddique, Rafat	Thapar Institute of Engineering & Technology	1996	12520	Environmental Sciences	Building & Construction
Srivastava, Vimal Chandra	Indian Institute of Technology Roorkee	2005	27826	Environmental Sciences	Chemical Engineerin
Vijayaraghavan, K.	Indian Institute of Technology Madras	2004	36655	Environmental Sciences	Chemical Engineerin
Malik, Anushree	Indian Institute of Technology Delhi	1999	49790	Environmental Sciences	Biotechnolo
Abbasi, S. A.	Pondicherry University	1969	53731	Environmental Sciences	Strategic, E Security Str
Husain, Qayyum	Aligarh Muslim University	1985	55159	Environmental Sciences	Biotechnolo
Mall, Indra Deo	Indian Institute of Technology Roorkee	1989	63385	Environmental Sciences	Chemical Engineerin
Patra, Amlan Kumar	West Bengal University of Animal and Fishery Sciences	2002	68715	Environmental Sciences	Dairy & Ar Science
Annadurai, G.	Manonmaniam Sundaranar University	1996	69220	Environmental Sciences	Biotechnolo
Vinodh, S.	National Institute of Technology, Tiruchirappalli	2006	75654	Environmental Sciences	Business & Manageme
Venkataraman, C.	Indian Institute of Technology, Bombay	1987	79195	Environmental Sciences	Meteorolog Atmospher Sciences
Banerjee, Basu Dev	University College of Medical Sciences	1982	90253	Environmental Sciences	Toxicology

Giri, Ashok K.	Indian Institute of Chemical Biology	1980	105614	Environmental Sciences	Toxicology
Parikh, Jyoti	Integrated Research and Action for Development	1970	113135	Environmental Sciences	Energy
Guha Mazumder, Debendra Nath	D.N.G.M Research Foundation	1974	115573	Environmental Sciences	Toxicology
Ramachandra, T. V.	Indian Institute of Science, Bengaluru	1992	115740	Environmental Sciences	Energy
Vasudevan, Subramanyan	Central Electrochemical Research Institute India	1989	116428	Environmental Sciences	Chemical Engineerin
Subba Rao, N.	Andhra University	1988	121776	Environmental Sciences	Environme Engineerin
Das, Nilanjana	Vellore Institute of Technology, Vellore	2007	124848	Environmental Sciences	Biotechnolo
Senthil-Nathan, Sengottayan	Manonmaniam Sundaranar University	1998	130943	Environmental Sciences	Entomolog
Sanghi, Rashmi	Indian Institute of Technology Kanpur	1995	132813	Environmental Sciences	Polymers
Das, Papita	Jadavpur University	2005	135517	Environmental Sciences	Chemical Engineerin
Bhattacharya, S. C.	Indian Institute of Social Welfare and Business Management	1984	136346	Environmental Sciences	Energy
Singh, Harminder Pal	Panjab University	1996	142141	Environmental Sciences	Plant Biolo Botany
Sagar, Ambuj	Indian Institute of Technology Delhi	1989	145616	Environmental Sciences	Energy
Pandey, Vimal Chandra	Babasaheb Bhimrao Ambedkar University	2007	149793	Environmental Sciences	Environme Engineerin
Raisuddin, S.	Jamia Hamdard	1990	153129	Environmental Sciences	Toxicology
Panwar, N. L.	Maharana Pratap University of Agriculture & Technology	2007	153786	Environmental Sciences	Energy

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Devarajan, Yuvarajan	Madanapalle Institute of Technology & Science	2010	159822	Environmental Sciences	Energy
Mohan, S.	Indian Institute of Technology Madras	1986	168853	Environmental Sciences	Environme Engineerin
Ramamurthy, K.	Indian Institute of Technology Madras	1989	187474	Environmental Sciences	Building & Construction
Thakur, Indu Shekhar	Jawaharlal Nehru University	1985	203673	Environmental Sciences	Biotechnolo
Singh, Jay Shankar	Babasaheb Bhimrao Ambedkar University	2004	212992	Environmental Sciences	Agronomy Agriculture
Khangarot, B. S.	Indian Institute of Toxicology Research	1979	219529	Environmental Sciences	Strategic, E Security St
Rao, J. V.	Indian Institute of Chemical Technology	1991	241984	Environmental Sciences	Medicinal & Biomolecul Chemistry
Agrawal, A.	National Metallurgical Laboratory India	1990	256881	Environmental Sciences	Mining & Metallurgy
Sahu, K. K.	National Metallurgical Laboratory India	1996	479641	Environmental Sciences	Mining & Metallurgy
Nair, G. B.	Rajiv Gandhi Centre for Biotechnology	1980	86060	Epidemiology	Microbiolo
Majumder, Partha P.	National Institute of Biomedical Genomics	1977	69185	Evolutionary Biology	Genetics &
Sane, Sanjay P.	National Centre for Biological Sciences	1999	83373	Evolutionary Biology	Physiology
Kunte, Krushnamegh	National Centre for Biological Sciences	1997	276255	Evolutionary Biology	Zoology
Varma, Manik	Microsoft Research	2002	239314	Experimental Psychology	Artificial Intelligence Processing
Jain, Prateek	Microsoft Research	2007	250525	Experimental Psychology	Artificial Intelligence Processing
Siddhuraju, Perumal	Bharathiar University	1992	47675	Fisheries	Food Scien
Pandian, T. J.	Annamalai University	1967	123675	Fisheries	Plant Biolo Botany
Ray, Arun Kumar	Visva-Bharati University	1976	195852	Fisheries	Materials

Bagchi, Biman	Indian Institute of Science, Bengaluru	1981	11687	Fluids & Plasmas	Chemical F
Sood, A. K.	Indian Institute of Science, Bengaluru	1979	30608	Fluids & Plasmas	Applied Ph
Ghosh, Aswini	Indian Association for the Cultivation of Science	1967	31512	Fluids & Plasmas	Applied Pr
Pati, Arun K.	Harish Chandra Research Institute	1991	48111	Fluids & Plasmas	General Ph
Mittal, Sanjay	Indian Institute of Technology Kanpur	1991	50234	Fluids & Plasmas	Applied Mathematic
Jain, S. C.	National Physical Laboratory India	1952	67928	Fluids & Plasmas	Applied Ph
Khare, Avinash	Savitribai Phule Pune University	1970	70219	Fluids & Plasmas	Mathematic Physics
Gupta, A. S.	Indian Institute of Technology Kharagpur	1957	72045	Fluids & Plasmas	Mechanical Engineerin Transports
Porsezian, Kuppuswamy	Pondicherry University	1987	84569	Fluids & Plasmas	Optics
Sen, Diptiman	Indian Institute of Science, Bengaluru	1983	92171	Fluids & Plasmas	Applied Ph
Ahluwalia, Dharam Vir	Centre for the Studies of the Glass Bead Game	1992	102465	Fluids & Plasmas	Nuclear & Physics
Kaul, S. N.	University of Hyderabad	1974	108927	Fluids & Plasmas	Applied Ph
Banerjee, Soumitro	Indian Institute of Science Education and Research Kolkata	1995	113097	Fluids & Plasmas	Electrical & Electronic Engineerin
Sen, K. D.	University of Hyderabad	1975	115253	Fluids & Plasmas	Chemical F
Chandrasekhar, S.	Centre for Nano and Soft Matter Sciences	1966	118768	Fluids & Plasmas	Applied Ph
Chakravarty, Charusita	Indian Institute of Technology Delhi	1988	120846	Fluids & Plasmas	Chemical F
Sikka, S. K.	Office of the Principal Scientific Adviser to the Government of India	1964	134662	Fluids & Plasmas	Applied Ph
Pandey, Dhananjai	Indian Institute of Technology Banaras Hindu University	1975	139991	Fluids & Plasmas	Applied Ph

Lakhina, Gurbax S.	Indian Institute for Geomagnetism	1970	144312	Fluids & Plasmas	Meteorolog Atmospher Sciences
Arora, A. K.	Indira Gandhi Centre for Atomic Research	1981	146549	Fluids & Plasmas	Applied Ph
Biswas, Gautam	Indian Institute of Technology Guwahati	1983	169176	Fluids & Plasmas	Mechanical Engineerin Transports
Saha, A. K.	Indian Institute of Technology Kanpur	1996	172168	Fluids & Plasmas	Mechanica Engineerin Transports
Chatterjee, Dipankar	Central Mechanical Engineering Research Institute India	2003	176944	Fluids & Plasmas	Mechanica Engineerin Transports
Guha, Abhijit	Indian Institute of Technology Kharagpur	1987	179579	Fluids & Plasmas	Mechanica Engineerin Transports
Maiti, Santanu K.	Indian Statistical Institute, Kolkata	2004	205161	Fluids & Plasmas	Applied Ph
Agrawal, Amit	Indian Institute of Technology, Bombay	2001	217834	Fluids & Plasmas	Mechanica Engineerin Transports
Chaddah, Praveen	UGC-DAE Consortium for Scientific Research India	1975	230218	Fluids & Plasmas	Applied Ph
Muralidhar, K.	Indian Institute of Technology Kanpur	1984	251401	Fluids & Plasmas	Mechanica Engineerin Transports
Sujith, R. I.	Indian Institute of Technology Madras	1997	256916	Fluids & Plasmas	Aerospace Aeronautic
Viswanath, P. R.	National Aerospace Laboratories India	1974	294474	Fluids & Plasmas	Aerospace Aeronautic
Konnur, Rahul	Tata Consultancy Services India	1994	601295	Fluids & Plasmas	Mining & Metallurgy
Abraham, T. Emilia	National Institute for Interdisciplinary Science and Technology	1984	118274	Food Science	Biotechnolo
Singh, Gurdip	Deen Dayal Upadhyay Gorakhpur University India	1974	132793	Food Science	Physical Cl
Upadhyaya, Anish	Indian Institute of Technology Kanpur	1995	168140	Food Science	Materials

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De, Sirshendu	Indian Institute of Technology Kharagpur	1995	179020	Food Science	Chemical Engineerin
Panesar, Parmjit Singh	Sant Longowal Institute of Engineering and Technology	1998	190868	Food Science	Biotechnolo
Divakar, Soundar	Central Food Technological Research Institute India	1984	248233	Food Science	Biotechnolo
Shukla, S. R.	Institute of Wood Science and Technology (IWST), Bangalore	1976	139542	Forestry	Polymers
Ghosh, Probir Kumar	Indian Council of Agricultural Research	1994	170479	Forestry	Agronomy Agriculture
Kumar, Manoj	Motilal Nehru National Institute of Technology Allahabad	1974	8807	Gastroenterology & Hepatology	Applied Ph
Sharma, Arun K.	Bhabha Atomic Research Centre	1951	55231	Gastroenterology & Hepatology	Food Scien
Arankalle, Vidya A.	Bharati Vidyapeeth (Deemed to be University)	1983	110602	Gastroenterology & Hepatology	Virology
Kapoor, Vinay K.	Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow	1984	111977	Gastroenterology & Hepatology	Surgery
Grover, J.	Institute Rotary Cancer Hospital India	1983	196605	Gastroenterology & Hepatology	Medicinal & Biomolecul Chemistry
Anand, Anil C.	Indraprastha Apollo Hospitals	1983	221736	Gastroenterology & Hepatology	General & I Medicine
Zipes, Douglas P.	Krannert Institute of Cardiology	1967	2045	General & Internal Medicine	Cardiovasc System & Hematolog
Mohan, Viswanathan	Madras Diabetes Research Foundation	1978	10599	General & Internal Medicine	Endocrinol Metabolisn
Ramachandran, Ambady	India Diabetes Research Foundation	1975	15138	General & Internal Medicine	Endocrinol Metabolisn
Jha, Vivekanand	Manipal Academy of Higher Education	1988	19679	General & Internal Medicine	Urology & Nephrolog

Khuroo, Mohammad S.	Sher-I-Kashmir Institute of Medical Sciences	1974	20905	General & Internal Medicine	Gastroente: Hepatology
Aggarwal, Rakesh	Jawaharlal Institute of Postgraduate Medical Education and Research	1990	30378	General & Internal Medicine	Gastroente: Hepatology
Gupta, S.	National Centre for Disease Control	1973	32723	General & Internal Medicine	Neurology Neurosurg
Wiwanitkit, Viroj	Dr. D.Y. Patil Vidyapeeth Deemed University, Pune	1999	39918	General & Internal Medicine	Tropical M
Salvi, Sundeep	Chest Research Foundation	1994	42068	General & Internal Medicine	Respiratory
Garg, Ravindra Kumar	King George's Medical University	1987	45449	General & Internal Medicine	Neurology Neurosurg
Rao, Gullapalli N.	L.V. Prasad Eye Institute India	1977	50351	General & Internal Medicine	Ophthalmo Optometry
Snyderman, Ralph	Duke University School of Medicine	1968	50533	General & Internal Medicine	Biochemist Molecular
Kumar, Neeraj	King George's Medical University	2003	51299	General & Internal Medicine	Neurology Neurosurg
Rajasekaran, Shanmuganathan	Ganga Hospital	1987	58872	General & Internal Medicine	Orthopedic
Gugnani, Harish C.	University of Delhi	1964	60850	General & Internal Medicine	Microbiolo
Sachdev, H. P.S.	Sitaram Bhartia Institute of Science & Research	1980	61467	General & Internal Medicine	Pediatrics
Jindal, Surinder K.	Jindal Clinics	1975	63991	General & Internal Medicine	Respiratory
Jacob, K.	Christian Medical College, Vellore	1987	71729	General & Internal Medicine	Psychiatry
Paul, Vinod K.	All India Institute of Medical Sciences, New Delhi	1980	77618	General & Internal Medicine	Pediatrics
Murthy, J. M.K.	Care Hospital Hyderabad	1976	85471	General & Internal Medicine	Neurology Neurosurg
Paintal, Athar S.	University of Delhi	1950	92054	General & Internal Medicine	Physiology
Sangwan, Virender S.	Dr. Shroff's Charity Eye Hospital	1993	97595	General & Internal Medicine	Ophthalmo Optometry

Amarapurkar, Deepak	Bombay Hospital and Medical Research Centre	1989	103012	General & Internal Medicine	Gastroente: Hepatology
Pandey, Manoj	Banaras Hindu University	1994	104725	General & Internal Medicine	Oncology & Carcinoger
Awasthi, Shally	King George's Medical University	1987	104882	General & Internal Medicine	Pediatrics
Krishan, Kewal	Panjab University	1997	110262	General & Internal Medicine	Legal & For Medicine
Mohan, Dinesh	Indian Institute of Technology Delhi	1973	134390	General & Internal Medicine	Logistics & Transporta
Zodpey, Sanjay	Public Health Foundation of India	1994	159747	General & Internal Medicine	Tropical M
Kanchan, Tanuj	All India Institute of Medical Sciences, Jodhpur	2006	212774	General & Internal Medicine	Legal & Fo: Medicine
Jha, T. K.	Kalazar Research Centre	1983	217972	General & Internal Medicine	Tropical M
Nayak, Satheesha B.	Melaka-Manipal Medical College, Manipal University	1995	339164	General & Internal Medicine	Anatomy & Morpholog
Ranu, Brindaban C.	Indian Association for the Cultivation of Science	1973	9877	General Chemistry	Organic Ch
Yadav, Jhillu S.	Indian Institute of Chemical Technology	1977	10149	General Chemistry	Organic Ch
Ajayaghosh, A.	National Institute for Interdisciplinary Science and Technology	1987	10337	General Chemistry	Organic Ch
Bhattacharyya, Kankan	Indian Institute of Science Education and Research Bhopal	1980	22079	General Chemistry	Chemical F
Singh, Vinod K.	Indian Institute of Technology Kanpur	1987	40888	General Chemistry	Organic Ch
Kotha, Sambasivarao	Indian Institute of Technology, Bombay	1992	43794	General Chemistry	Organic Ch
Kidwai, Mazaahir	University of Delhi	1990	44014	General Chemistry	Organic Ch
Patil, Nitin T.	Indian Institute of Science Education and Research Bhopal	2000	44751	General Chemistry	Organic Ch
Dastidar, Parthasarathi	Indian Association for the Cultivation of Science	1991	56463	General Chemistry	Inorganic & Chemistry

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Sabitha, Gowravaram	Indian Institute of Chemical Technology	1987	56979	General Chemistry	Organic Ch
Mugesh, Govindasamy	Indian Institute of Science, Bengaluru	1998	60286	General Chemistry	Organic Ch
Nair, Vijay	National Institute for Interdisciplinary Science and Technology	1979	61463	General Chemistry	Organic Ch
Basavaiah, Deevi	University of Hyderabad	1982	62452	General Chemistry	Organic Ch
Majumdar, K. C.	University of Kalyani	1977	62927	General Chemistry	Organic Ch
Mukherjee, Rabindranath	Indian Institute of Technology Kanpur	1982	68316	General Chemistry	Inorganic & Chemistry
Maiti, Debabrata	Indian Institute of Technology, Bombay	2004	76393	General Chemistry	Organic Ch
Pandey, Ganesh	Banaras Hindu University	1986	78165	General Chemistry	Organic Ch
Bandgar, Babasaheb P.	Solapur University	1990	78874	General Chemistry	Organic Ch
Biju, Akkattu T.	Indian Institute of Science, Bengaluru	2003	84200	General Chemistry	Organic Ch
Raman, Natarajan	Virudhunagar Hindu Nadars' Senthikumara Nadar College	1991	86841	General Chemistry	Inorganic & Chemistry
Chandra, Sulekh	Zakir Husain College	1970	87260	General Chemistry	Chemical F
Das, Biswanath	Indian Institute of Chemical Technology	1981	88948	General Chemistry	Organic Ch
Biswas, Kanishka	Jawaharlal Nehru Centre for Advanced Scientific Research	2006	92038	General Chemistry	Nanoscieno Nanotechn
Chandrasekhar, Srivari	Indian Institute of Chemical Technology	1989	103434	General Chemistry	Organic Ch
Periasamy, Mariappan	University of Hyderabad	1977	103560	General Chemistry	Organic Ch
Kumar, Pradeep	Institute of Genomics and Integrative Biology India	1989	104109	General Chemistry	Organic Ch
Reddy, B. V.Subba	Indian Institute of Chemical Technology	1997	107628	General Chemistry	Organic Ch
Chakraborty, Tushar Kanti	Indian Institute of Science, Bengaluru	1980	117133	General Chemistry	Organic Ch

Meshram, Harshadas Mitaram	Indian Institute of Chemical Technology	1990	122376	General Chemistry	Organic Ch
Punniyamurthy, Tharmalingam	Indian Institute of Technology Guwahati	1993	124555	General Chemistry	Organic Ch
Kanungo, S. B.	Institute of Minerals and Materials Technology India	1971	128135	General Chemistry	Mining & Metallurgy
Srikrishna, A.	Indian Institute of Science, Bengaluru	1979	141724	General Chemistry	Organic Ch
Clark, H. C.	Bhabha Atomic Research Centre	1957	146943	General Chemistry	Inorganic & Chemistry
Nag, Kamalaksha	Indian Association for the Cultivation of Science	1968	147537	General Chemistry	Inorganic & Chemistry
Seth, Saikat Kumar	Jadavpur University	2009	150064	General Chemistry	Inorganic & Chemistry
Dey, Abhishek	Indian Association for the Cultivation of Science	2001	165790	General Chemistry	Inorganic & Chemistry
Datta, Dipankar	Indian Association for the Cultivation of Science	1978	167975	General Chemistry	Inorganic & Chemistry
Patel, R. N.	Awadhesh Pratap Singh University	1989	209965	General Chemistry	Inorganic & Chemistry
Basavaiah, Kanakapura	University of Mysore	1997	211720	General Chemistry	Analytical Chemistry
Sinha, Chittaranjan	Jadavpur University	1978	269512	General Chemistry	Inorganic & Chemistry
Rao, M. C.	Andhra Loyola College	2003	359984	General Chemistry	General Ph
Kaur, Navjeet	Banasthali Vidyapith	2012	511576	General Chemistry	Organic Ch
Rao, Calyampudi Radhakrishna	University of Hyderabad	1970	40656	General Mathematics	Statistics & Probability
Chandrasekharaiah, D. S.	Bangalore University	1973	72128	General Mathematics	Mechanical Engineerin Transports
Daftardar-Gejji, Varsha	Savitribai Phule Pune University	1996	120775	General Mathematics	Numerical Computation Mathematic
Kumaravel, A.	Bharath Institute of Higher Education and Research	2012	138220	General Mathematics	Artificial Intelligence Processing

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Das, Kalidas	Krishnagar Government College	1994	167108	General Mathematics	Mechanical Engineerin Transports
Jayaram, Balasubramaniam	Indian Institute of Technology Hyderabad	2002	235348	General Mathematics	Artificial Intelligence Processing
Kumar, Anil	Govind Ballabh Pant University of Agriculture and Technology	1969	4014	General Physics	Nuclear & Physics
Gupta, Rajeev	Indian Institute of Technology Kanpur	1963	8059	General Physics	Nuclear & Physics
Sarma, D. D.	Indian Institute of Science, Bengaluru	1980	17615	General Physics	Applied Ph
Simon, R.	Institute of Mathematical Sciences India	1977	19146	General Physics	Optics
Ramaswamy, Sriram	Indian Institute of Science, Bengaluru	1979	32231	General Physics	Fluids & Pl
Dhar, Deepak	Indian Institute of Science Education and Research, Pune	1976	34660	General Physics	Fluids & Pl
Mukherjee, Debashis	Indian Association for the Cultivation of Science	1971	42892	General Physics	Chemical F
Kumar, Sanjeev	Indian Institute of Science, Bengaluru	1972	46198	General Physics	Applied Ph
Ramakrishnan, T. V.	Pondicherry University	1962	47407	General Physics	Applied Ph
Mukhopadhyay, Swati	The University of Burdwan	2005	49600	General Physics	Mechanical Engineerin Transports
Chopra, K. L.	IIT Council	1957	52276	General Physics	Applied Ph
Dhar, Abhishek	Tata Institute of Fundamental Research, Mumbai	1996	55786	General Physics	Fluids & Pl
Ravindran, P.	Central University of Tamil Nadu	1994	58208	General Physics	Applied Ph
Shenoy, Vijay B.	Indian Institute of Science, Bengaluru	1994	63462	General Physics	Applied Ph
Sarkar, S.	Saha Institute of Nuclear Physics	1972	67599	General Physics	Nuclear & Physics
Singh, Rajendra	Indian Veterinary Research Institute	1974	69383	General Physics	Applied Ph

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Kaw, Predhiman	Institute for Plasma Research	1965	73935	General Physics	Fluids & Pl
Chowdhury, Debashish	Indian Institute of Technology Kanpur	1983	73951	General Physics	Fluids & Pl
Rao, N. N.	Physical Research Laboratory India	1977	82097	General Physics	Fluids & Pl
Kumar, Anil	Indian Institute of Science, Bengaluru	1974	85487	General Physics	Applied Ph
Mukunda, N.	Indian Academy of Sciences	1963	89627	General Physics	Nuclear & Physics
Aswal, V. K.	Bhabha Atomic Research Centre	1995	94621	General Physics	Chemical F
Joshipura, Anjan S.	Physical Research Laboratory India	1976	95062	General Physics	Nuclear & Physics
Bhattacharyya, Krishnendu	Banaras Hindu University	2010	102060	General Physics	Mechanical Engineerin Transports
Dighe, Amol	Tata Institute of Fundamental Research, Mumbai	1996	102067	General Physics	Nuclear & Physics
Roy, D. P.	Tata Institute of Fundamental Research, Mumbai	1968	103206	General Physics	Nuclear & Physics
Mandal, Prabhat	Saha Institute of Nuclear Physics	1986	108952	General Physics	Applied Ph
Roy, Sindhunil Barman	Raja Ramanna Centre for Advanced Technology	1983	112812	General Physics	Applied Ph
Mohanty, B.	National Institute of Science Education and Research	1999	112924	General Physics	Nuclear & Physics
Mukherjee, Prabir K.	Government College of Engineering and Textile Technology, Serampore	1969	118696	General Physics	Chemical F
Bhattacharyya, Gautam	Saha Institute of Nuclear Physics	1990	120625	General Physics	Nuclear & Physics
Kailas, S.	Bhabha Atomic Research Centre	1975	121532	General Physics	Nuclear & Physics
Sinha, Bikash	Variable Energy Cyclotron Centre India	1970	124627	General Physics	Nuclear & Physics
Gandhi, Raj	Harish Chandra Research Institute	1989	132414	General Physics	Nuclear & Physics

Kanjilal, Dinakar	Inter University Accelerator Centre India	1983	142390	General Physics	Applied Pr
Pal, Subrata	Tata Institute of Fundamental Research, Mumbai	1994	142976	General Physics	Nuclear & Physics
Balasubramaniam, Krishnan	Indian Institute of Technology Madras	1988	161761	General Physics	Acoustics
Khaneja, Navin	Indian Institute of Technology, Bombay	1997	164822	General Physics	Biophysics
Yakhmi, J. V.	Homi Bhabha National Institute	1978	165325	General Physics	Applied Ph
Bhandari, Rajendra	Raman Research Institute	1972	178426	General Physics	Optics
Sampathkumaran, E. V.	Tata Institute of Fundamental Research, Mumbai	1979	186826	General Physics	Applied Ph
Aggarwal, M. M.	Panjab University	1977	186951	General Physics	Nuclear & Physics
Puri, R. R.	Indian Institute of Technology, Bombay	1977	192793	General Physics	Optics
Das, Subir	Indian Institute of Technology Banaras Hindu University	2008	197731	General Physics	Mechanical Engineerin Transports
Gupta, Ajay	Amity University, Noida	1971	204272	General Physics	Applied Ph
Das, Debajyoti	Indian Association for the Cultivation of Science	1985	223624	General Physics	Applied Ph
Maiti, Kalobaran	Tata Institute of Fundamental Research, Mumbai	1996	230955	General Physics	Applied Ph
Mookerjee, Abhijit	S N Bose National Centre for Basic Science	1973	246417	General Physics	Applied Ph
Ghatak, Kamakhya Prasad	Institute of Engineering and Management	1980	332579	General Physics	Applied Pr
Radhakrishnan, Kurupath	Sree Chitra Tirunal Institute for Medical Sciences and Technology	1976	66462	Genetics & Heredity	Neurology Neurosurg
Kumar, Amar	University of Delhi	1981	90263	Genetics & Heredity	Plant Biolo Botany

Singh, Lalji	Centre for Cellular and Molecular Biology india	1968	124888	Genetics & Heredity	Obstetrics & Reproducti Medicine
Chinoy, N. J.	KSKV Kachchh University	1969	151890	Genetics & Heredity	Toxicology
Acharyya, Subhrangsu K.	Jadavpur University	1976	73195	Geochemistry & Geophysics	Geology
Singh, T. N.	Indian Institute of Technology, Bombay	1989	79711	Geochemistry & Geophysics	Geological Geomatics Engineerin
Jerauld, Gary R.	BP	1983	154986	Geochemistry & Geophysics	Energy
Jain, A. K.	Indian Institute of Technology Delhi	1975	178820	Geochemistry & Geophysics	Civil Engin
Gupta, Ravi P.	Retired India Institute of Technology Roorkee	1977	190966	Geochemistry & Geophysics	Geological Geomatics Engineerin
Ramanathan, A. L.	Jawaharlal Nehru University	1989	196565	Geochemistry & Geophysics	Environme Engineerin
Sheoran, Attar Singh	Jai Narain Vyas University	1995	511263	Geochemistry & Geophysics	Mining & Metallurgy
Nagendra, Harini	Azim Premji University	1997	31997	Geological & Geomatics Engineering	Ecology
Singh, Dharmendra	Indian Institute of Technology Roorkee	1995	235219	Geological & Geomatics Engineering	Networkin Telecommi
Vishal, Vikram	Indian Institute of Technology, Bombay	2004	294587	Geological & Geomatics Engineering	Energy
Valdiya, K. S.	Jawaharlal Nehru Centre for Advanced Scientific Research	1968	75596	Geology	Plant Biolo Botany
Gupta, Harsh K.	National Geophysical Research Institute India	1968	107460	Geology	Geochemis Geophysics
Singh, Om Prakash	Banaras Hindu University, Institute of Medical Sciences	1979	271542	Geology	Tropical M
Kuttan, Girija	Amala Cancer Hospital and Research Centre	1988	47893	Immunology	Oncology & Carcinoger

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Srivastava, A.	Christian Medical College, Vellore	1985	62643	Immunology	Cardiovasc System & Hematolog
Manna, Sunil Kumar	Centre for DNA Fingerprinting & Diagonostics (CDFD)	1995	77144	Immunology	Biochemist Molecular
Chirmule, Narendra	Biocon Limited	1986	182437	Immunology	Biotechnolo
Kumar, Vijay L.	All India Institute of Medical Sciences, New Delhi	1986	212506	Immunology	Medicinal & Biomolecul Chemistry
Srivastava, Divya	Birbal Sahni Institute of Palaeobotany	1969	250090	Immunology	Materials
Sana, Shib Sankar	Kishore Bharati Bhagini Nivedita College	2004	49060	Industrial Engineering & Automation	Operations
Chaudhuri, K. S.	Jadavpur University	1986	61371	Industrial Engineering & Automation	Operations
Vaidyanathan, Sundarapandian	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	1999	71731	Industrial Engineering & Automation	Artificial Intelligence Processing
Das, Suman	Jadavpur University	1993	76893	Industrial Engineering & Automation	Materials
Giri, B. C.	Jadavpur University	1996	86403	Industrial Engineering & Automation	Operations
Balasubramaniam, P.	The Gandhigram Rural Institute	1993	91742	Industrial Engineering & Automation	Artificial Intelligence Processing
Chakraborty, Shankar	Jadavpur University	2004	100863	Industrial Engineering & Automation	Operations
Rangaiah, G. P.	Vellore Institute of Technology, Vellore	1978	102018	Industrial Engineering & Automation	Chemical Engineerin
Mruthyunjaya, T. S.	Indian Institute of Science, Bengaluru	1972	105684	Industrial Engineering & Automation	Design Pra Manageme
Rajan, Rakkiyappan	Bharathiar University	2008	117415	Industrial Engineering & Automation	Artificial Intelligence Processing

Singh, Rupinder	Guru Nanak Dev Engineering College, Ludhiana	2002	117449	Industrial Engineering & Automation	Materials
Balachandran, K.	Bharathiar University	1983	119862	Industrial Engineering & Automation	General Mathematic
Srinivasan, Rajagopalan	Indian Institute of Technology Madras	1996	168139	Industrial Engineering & Automation	Chemical Engineerin
Syed Ali, M.	Thiruvalluvar University	2005	181619	Industrial Engineering & Automation	Artificial Intelligence Processing
Radhakrishnan, V. M.	Indian Institute of Technology Madras	1970	190622	Industrial Engineering & Automation	Materials
Das, Shantanu	Bhabha Atomic Research Centre	1989	204758	Industrial Engineering & Automation	Energy
Chidambaram, M.	National Institute of Technology, Warangal	1983	219083	Industrial Engineering & Automation	Chemical Engineerin
Kar, Haranath	Motilal Nehru National Institute of Technology Allahabad	1997	225610	Industrial Engineering & Automation	Networkin Telecommi
Saxena, Anupam	Indian Institute of Technology Kanpur	1998	229074	Industrial Engineering & Automation	Design Pra Manageme
Hablani, Hari B.	Indian Institute of Technology Indore	1977	240632	Industrial Engineering & Automation	Aerospace Aeronautic
Pratihar, Dilip K.	Indian Institute of Technology Kharagpur	1998	246592	Industrial Engineering & Automation	Artificial Intelligence Processing
Narayanasamy, R.	National Institute of Technology, Tiruchirappalli	1988	254611	Industrial Engineering & Automation	Materials
Saha, Subir Kumar	Indian Institute of Technology Delhi	1989	255385	Industrial Engineering & Automation	Design Pra Manageme
Chan, Chok You	Symbiosis International (Deemed University)	1989	264960	Industrial Engineering & Automation	Electrical & Electronic Engineerin

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Gopakumar, K.	Indian Institute of Science, Bengaluru	1984	266654	Industrial Engineering & Automation	Electrical & Electronic Engineerin
Ratnoo, Ashwini	Indian Institute of Science, Bengaluru	2007	319889	Industrial Engineering & Automation	Aerospace Aeronautic
Chakrabarti, Soumen	Indian Institute of Technology, Bombay	1993	35064	Information Systems	Artificial Intelligence Processing
Sarawagi, Sunita	Indian Institute of Technology, Bombay	1994	55290	Information Systems	Artificial Intelligence Processing
Krishnapuram, Raghu	Ramaiah Institute of Technology	1989	55837	Information Systems	Artificial Intelligence Processing
Mitra, Pabitra	Indian Institute of Technology Kharagpur	1999	206699	Information Systems	Artificial Intelligence Processing
Raman, Bhaskaran	Indian Institute of Technology, Bombay	1998	213452	Information Systems	Networkin Telecommi
Mitra, Mandar	Indian Statistical Institute, Kolkata	1996	244494	Information Systems	Artificial Intelligence Processing
Kar, Arpan Kumar	Indian Institute of Technology Delhi	2011	294786	Information Systems	Artificial Intelligence Processing
Jain, V.	University of Mumbai	1958	7270	Inorganic & Nuclear Chemistry	Nuclear & Physics
Moulik, Satya P.	Jadavpur University	1965	26877	Inorganic & Nuclear Chemistry	Chemical F
Samanta, Anunay	University of Hyderabad	1983	26954	Inorganic & Nuclear Chemistry	Chemical F
Viswanathan, B.	Indian Institute of Technology Madras	1967	40932	Inorganic & Nuclear Chemistry	Physical Cl
Mehta, Goverdhan	University of Hyderabad	1966	42256	Inorganic & Nuclear Chemistry	Organic Ch
Gadre, Shridhar R.	Savitribai Phule Pune University	1973	51644	Inorganic & Nuclear Chemistry	Chemical F
Jemmis, Eluvathingal D.	Indian Institute of Science, Bengaluru	1976	65423	Inorganic & Nuclear Chemistry	Organic Ch
Goswami, Shyamaprosad	Indian Institute of Engineering Science and Technology, Shibpur	1989	71998	Inorganic & Nuclear Chemistry	Organic Ch

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Agrawal, Y. K.	Gujarat Forensic Sciences University	1971	81835	Inorganic & Nuclear Chemistry	Analytical Chemistry
Justin Thomas, K. R.	Indian Institute of Technology Roorkee	1992	93241	Inorganic & Nuclear Chemistry	Organic Ch
Perumal, Paramasivam T.	B.S.Abdur Rahman University	1979	95979	Inorganic & Nuclear Chemistry	Organic Ch
Ghosh, Soumen	Jadavpur University	1997	104261	Inorganic & Nuclear Chemistry	Chemical F
Singh, Ashok Kumar	Indian Institute of Technology Roorkee	1985	109459	Inorganic & Nuclear Chemistry	Analytical Chemistry
Arunan, E.	Indian Institute of Science, Bengaluru	1989	110250	Inorganic & Nuclear Chemistry	Chemical F
Dutt, G. B.	Bhabha Atomic Research Centre	1990	114470	Inorganic & Nuclear Chemistry	Chemical F
Sharma, Rakesh K.	Indian Institute of Technology Jodhpur	1986	119667	Inorganic & Nuclear Chemistry	Organic Ch
Suresh, Eringathodi	Central Salt and Marine Chemicals Research Institute India	1993	122387	Inorganic & Nuclear Chemistry	Organic Ch
Khanna, P. K.	Defence Institute of Advanced Technology	1980	129439	Inorganic & Nuclear Chemistry	Materials
Brahmachari, Goutam	Visva-Bharati University	1995	135762	Inorganic & Nuclear Chemistry	Organic Ch
Mohapatra, Prasanta K.	Bhabha Atomic Research Centre	1989	138037	Inorganic & Nuclear Chemistry	Chemical Engineerin
Kishore, K.	Indian Institute of Science, Bengaluru	1965	149583	Inorganic & Nuclear Chemistry	Polymers
Byrappa, Kullaiah	Adichunchanagiri University	1980	152446	Inorganic & Nuclear Chemistry	Materials
Mathur, Pradeep	Indian Institute of Technology Indore	1979	160219	Inorganic & Nuclear Chemistry	Organic Ch
Govindachari, T. R.	Spic Science Foundation India	1947	162606	Inorganic & Nuclear Chemistry	Medicinal & Biomolecul Chemistry
Manchanda, V. K.	Bhabha Atomic Research Centre	1971	204204	Inorganic & Nuclear Chemistry	Chemical Engineerin
Khadikar, Padmakar V.	National Institute of Technical Teachers' Training and Research, Bhopal	1973	205014	Inorganic & Nuclear Chemistry	Medicinal & Biomolecul Chemistry

Singh, R. N.	Banaras Hindu University	1986	217229	Inorganic & Nuclear Chemistry	Energy
Aggarwal, Suresh Kumar	Bhabha Atomic Research Centre	1979	223186	Inorganic & Nuclear Chemistry	Analytical Chemistry
Nair, Balachandran Unni	Central Leather Research Institute India	1983	227536	Inorganic & Nuclear Chemistry	Materials
Pathak, Priyanath	Bhabha Atomic Research Centre	1997	261990	Inorganic & Nuclear Chemistry	Chemical Engineerin
Kumar, Umesh	Indian Institute of Petroleum	1976	377582	Inorganic & Nuclear Chemistry	Electrical & Electronic Engineerin
Nayar, Pramod K.	University of Hyderabad	2001	662355	Languages & Linguistics	Literary Stı
Swamee, Prabhata K.	The NorthCap University	1972	91665	Logistics & Transportation	Environme Engineerin
Balachandra, P.	Indian Institute of Science, Bengaluru	1993	277615	Logistics & Transportation	Energy
Naqvi, S. W.A.	National Institute of Oceanography India	1979	70474	Marine Biology & Hydrobiology	Meteorolog Atmospher Sciences
Shetye, S. R.	Goa University	1982	89789	Marine Biology & Hydrobiology	Meteorolog Atmospher Sciences
Kumar Rai, Prabhat	Mizoram University	2005	143240	Marine Biology & Hydrobiology	Environme Sciences
Cressey, Daniel	Research	2007	165645	Marine Biology & Hydrobiology	Fisheries
Kumar, Nirmalya	Tata Sons	1993	91484	Marketing	Business & Manageme
Padmanabhan, Vineet	University of Hyderabad	1993	189920	Marketing	Artificial Intelligence Processing
Lokhande, Chandrakant D.	D. Y. Patil University, Kolhapur	1982	8487	Materials	Applied Ph
Thomas, Sabu	Mahatma Gandhi University, Kottayam	1986	12814	Materials	Polymers
Patil, Pramod S.	Shivaji University	1988	17878	Materials	Applied Ph
Kumar, Vijay	Dr Vijay Kumar Foundation	1979	29063	Materials	Applied Ph
Kumar, Sanjay	Jadavpur University	1990	29281	Materials	Fluids & Pl

Bhowmick, Anil K.	Indian Institute of Technology Kharagpur	1978	33401	Materials	Polymers
Gopalakrishnan, J.	Indian Institute of Science, Bengaluru	1967	34727	Materials	Inorganic & Chemistry
Kumar, Ashok	Tezpur University	1979	48010	Materials	Applied Ph
Bijwe, Jayashree	Indian Institute of Technology Delhi	1986	49307	Materials	Mechanical Engineerin Transports
Singh, Rajiv	Institute of Engineering & Technology, Lucknow	1987	53856	Materials	Applied Ph
Kutty, T. R.N.	Indian Institute of Science, Bengaluru	1978	58723	Materials	Applied Ph
Shukla, Ashok	Indian Institute of Science, Bengaluru	1972	63108	Materials	Energy
Avasthi, D. K.	Amity University, Noida	1982	69506	Materials	Applied Ph
Barshilia, Harish C.	National Aerospace Laboratories India	1995	69824	Materials	Applied Ph
Bahadur, Dhirendra	Indian Institute of Technology, Bombay	1975	71798	Materials	Applied Ph
Waghmare, Umesh V.	Jawaharlal Nehru Centre for Advanced Scientific Research	1992	76570	Materials	Applied Ph
Mansingh, A.	University of Delhi	1964	76968	Materials	Applied Ph
Nayak, S. K.	Central Institute of Plastics Engineering and Technology India	1999	80343	Materials	Polymers
Singh, A. K.	National Aerospace Laboratories India	1967	81036	Materials	Applied Ph
Ratna, Debdatta	Naval Materials Research Laboratory India	1995	81800	Materials	Polymers
Joy, Pattayil	National Chemical Laboratory India	1991	82703	Materials	Applied Ph
Krupanidhi, Saluru Baba	Indian Institute of Science, Bengaluru	1978	83487	Materials	Applied Ph
Ray, M. C.	Indian Institute of Technology Kharagpur	1992	91819	Materials	Mechanical Engineerin Transports

Shunmugam, M. S.	Indian Institute of Technology Madras	1974	92152	Materials	Industrial Engineerin Automatio
Bajaj, P.	Indian Institute of Technology Delhi	1967	103179	Materials	Polymers
Ninan, K. N.	Indian Space Research Organization	1976	107946	Materials	Polymers
Kapuria, Santosh	Structural Engineering Research Centre India	1996	109950	Materials	Mechanical Engineerin Transports
Barpanda, Prabeer	Indian Institute of Science, Bengaluru	2004	115424	Materials	Energy
Radhakrishnan, S.	MAEER's Maharashtra Institute of Technology	1979	118258	Materials	Polymers
Chand, Navin	Advanced Materials and Processes Research Institute India	1979	119002	Materials	Polymers
Gulrajani, M. L.	Indian Institute of Technology Delhi	1971	122918	Materials	Polymers
Murugan, Ramaswamy	Pondicherry University	1995	124484	Materials	Energy
Bhattacharyya, Bijoy	Jadavpur University	1994	125637	Materials	Industrial Engineerin Automatio
Angaiah, Subramania	Pondicherry University	1998	132536	Materials	Energy
Trivedi, Dinesh Chandra	Central Electrochemical Research Institute India	1986	136412	Materials	Applied Ph
Biswas, S.	Indian Institute of Science, Bengaluru	1971	137745	Materials	Mechanical Engineerin Transports
Ramasamy, P.	SSN College of Engineering, Kalavakkam	1975	138638	Materials	Applied Ph
Jayasankar, C. K.	Sri Venkateswara University	1982	141112	Materials	Applied Ph
De, Goutam	Central Glass and Ceramic Research Institute India	1990	141547	Materials	Nanosciena Nanotechn

Choudhary, R. N.P.	Siksha O Anusandhan (Deemed to be University)	1978	142938	Materials	Applied Ph
Kuila, Tapas	Central Mechanical Engineering Research Institute India	2007	145869	Materials	Nanosciena Nanotechn
Dutta, Binay K.	Indian Institute of Technology Kharagpur	1985	148440	Materials	Chemical Engineerin
Mazumdar, Dipak	Indian Institute of Technology Kanpur	1985	149061	Materials	Mining & Metallurgy
Kumar, Sanjay	Bhabha Atomic Research Centre	2003	149227	Materials	Energy
Kumar, R.	University of Allahabad	1986	151144	Materials	Physical Cl
Gupta, Amit Kumar	Birla Institute of Technology and Science, Pilani	2002	151912	Materials	Electrical & Electronic Engineerin
Dhawan, S. K.	National Physical Laboratory India	1989	155347	Materials	Applied Ph
De, Sadhan K.	Indian Institute of Technology Kharagpur	1976	156510	Materials	Polymers
Sekhon, S. S.	Guru Nanak Dev University	1978	156539	Materials	Energy
Kumar, Anil	Wadia Institute of Himalayan Geology	1990	156963	Materials	Agronomy Agriculture
Kulshreshtha, S. K.	Bhabha Atomic Research Centre	1970	157715	Materials	Applied Ph
Rudraiah, N.	Bangalore University	1964	158737	Materials	Mechanical Engineerin Transports
Srivastava, Avanish Kumar	Academy of Scientific and Innovative Research (AcSIR)	1999	160700	Materials	Applied Ph
Sandeep, N.	Central University of Karnataka	2013	161010	Materials	Mechanical Engineerin Transports
Srivastava, Suneel Kumar	Indian Institute of Technology Kharagpur	1983	161652	Materials	Polymers

Pradip, P.	Tata Research Development and Design Centre	1980	161945	Materials	Mining & Metallurgy
Palkar, Vaijayanti R.	Indian Institute of Technology, Bombay	1979	163460	Materials	Applied Ph
Somani, Prakash R.	Applied Science Innovations Pvt. Ltd.	1998	164335	Materials	Applied Ph
Gupta, Bhuvanesh	Indian Institute of Technology Delhi	1983	164667	Materials	Polymers
Ayyub, Pushan	Tata Institute of Fundamental Research, Mumbai	1983	166308	Materials	Applied Pr
Chakravorty, Dipankar	Indian Association for the Cultivation of Science	1971	170398	Materials	Applied Pr
Gupta, V. B.	Dayalbagh Educational Institute	1970	171722	Materials	Polymers
Nair, C. P.Reghunadhan	Indian Space Research Organization	1984	173010	Materials	Polymers
Singh, Bimal P.	Institute of Minerals and Materials Technology India	1992	177519	Materials	Medicinal & Biomolecul Chemistry
Muralidharan, S.	Central Electrochemical Research Institute India	1987	181119	Materials	Energy
Rajendran, S.	Alagappa University	1994	184650	Materials	Energy
Singha, A. S.	National Institute of Technology Hamirpur	1980	190449	Materials	Polymers
Singh, I. V.	Indian Institute of Technology Roorkee	2003	204624	Materials	Mechanical Engineerin Transports
Dumir, P. C.	Indian Institute of Technology Delhi	1983	207551	Materials	Mechanical Engineerin Transports
Kumar, Rajneesh	Kurukshetra University	1985	212687	Materials	Mechanical Engineerin Transports
Chattopadhyay, Himadri	Jadavpur University	1992	212985	Materials	Mechanical Engineerin Transports

Mohanraj, Murugesan	Hindusthan College of Engineering & Technology	2004	216763	Materials	Energy
Narasimhan, R.	Indian Institute of Science, Bengaluru	1986	216835	Materials	Mechanical Engineerin Transports
Jain, V. K.	Indian Institute of Technology Kanpur	1980	220432	Materials	Industrial Engineerin Automatio
Vijayaragavan, S. P.	Bharath Institute of Higher Education and Research	2013	232743	Materials	Artificial Intelligence Processing
Varshney, Dinesh	Devi Ahilya Vishwavidyalaya, Indore	1987	232796	Materials	General Ph
Hirani, Harish	Indian Institute of Technology Delhi	1997	241998	Materials	Mechanical Engineerin Transports
Veeraiah, N.	Acharya Nagarjuna University	1981	251737	Materials	Applied Ph
Rajendran, R.	CVRDE	1994	260130	Materials	Mechanical Engineerin Transports
Gurunathan, K.	Alagappa University	1989	260167	Materials	Energy
Das, R. P.	Hydromet Proc	1981	267151	Materials	Mining & Metallurgy
Pushpavanam, Malathy	Alagappa Chettiar Government College of Engineering and Technology	1974	284797	Materials	Energy
Gupta, C. K.	Bhabha Atomic Research Centre	1965	298969	Materials	Mining & Metallurgy
Pandey, Banshi Dhar	National Metallurgical Laboratory India	1988	352322	Materials	Mining & Metallurgy
Jha, Manis Kumar	National Metallurgical Laboratory India	2001	362952	Materials	Mining & Metallurgy
Lahiri, A. K.	Indian Institute of Science, Bengaluru	1970	477839	Materials	Mining & Metallurgy
Paramguru, Raja Kishore	Kalinga Institute of Industrial Technology, Bhubaneswar	1981	491924	Materials	Mining & Metallurgy

Nallusamy, S.	Nehru Institute of Engineering and Technology	2014	497123	Materials	Mechanical Engineerin Transports
Koria, S. C.	Indian Institute of Technology Indore	1979	507204	Materials	Mining & Metallurgy
Ray, H. S.	Central Glass & Research Inst	1968	527106	Materials	Mining & Metallurgy
Mehrotra, S. P.	Indian Institute of Technology Kanpur	1973	548401	Materials	Mining & Metallurgy
Devi, Niharbala	Siksha O Anusandhan (Deemed to be University)	1994	561352	Materials	Mining & Metallurgy
Chatterjee, Amit	Tata Iron & Steel Company Limited	1971	587560	Materials	Mining & Metallurgy
Choudhary, S. K.	Tata Iron & Steel Company Limited	1993	669507	Materials	Mining & Metallurgy
Mehrotra, S. P.	Indian Institute of Technology Gandhinagar	1991	711846	Materials	Mining & Metallurgy
Kund, N. K.	VSS University of Technology	2010	2904403	Materials	Artificial Intelligence Processing
Sen, Ashoke	Harish Chandra Research Institute	1981	1362	Mathematical Physics	Nuclear & Physics
Lakshmanan, M.	Bharathidasan University	1972	29763	Mathematical Physics	Fluids & Pl
Banerjee, Rabin	S N Bose National Centre for Basic Science	1982	33597	Mathematical Physics	Nuclear & Physics
Gopakumar, Rajesh	Tata Institute of Fundamental Research, Mumbai	1995	69334	Mathematical Physics	Nuclear & Physics
Sami, M.	Jamia Millia Islamia	2002	71010	Mathematical Physics	Nuclear & Physics
Minwalla, Shiraz	Tata Institute of Fundamental Research, Mumbai	1995	75685	Mathematical Physics	Nuclear & Physics
Pal, Dulal	Visva-Bharati University	1970	79519	Mathematical Physics	Mechanical Engineerin Transports

Dadhich, Naresh	Inter-University Centre for Astronomy and Astrophysics India	1974	113013	Mathematical Physics	Nuclear & Physics
Kaul, Romesh K.	Institute of Mathematical Sciences India	1975	126497	Mathematical Physics	Nuclear & Physics
Agarwal, Avinash Kumar	Indian Institute of Technology Kanpur	2001	11860	Mechanical Engineering & Transports	Energy
Doherty, R. D.	Indian Institute of Technology, Bombay	1971	32308	Mechanical Engineering & Transports	Materials
Chhabra, R. P.	Indian Institute of Technology Ropar	1978	41016	Mechanical Engineering & Transports	Chemical Engineerin
Chokshi, Atul H.	Indian Institute of Science, Bengaluru	1982	44215	Mechanical Engineering & Transports	Materials
Balasubramanian, V.	Annamalai University	1997	47555	Mechanical Engineering & Transports	Materials
Chakraborty, Suman	Indian Institute of Technology Kharagpur	1999	47825	Mechanical Engineering & Transports	Fluids & Pl
K., Palanikumar	Sri Sai Ram Institute of Technology	2004	49077	Mechanical Engineering & Transports	Materials
Kant, Tarun	Indian Institute of Technology, Bombay	1974	50919	Mechanical Engineering & Transports	Materials
Surappa, M. K.	Indian Institute of Science, Bengaluru	1978	53172	Mechanical Engineering & Transports	Materials
Ganguli, Ranjan	Indian Institute of Science, Bengaluru	1973	55223	Mechanical Engineering & Transports	Aerospace Aeronautic
Prasad, B. K.	Academy of Scientific and Innovative Research (AcSIR)	1987	61964	Mechanical Engineering & Transports	Materials
Dutta, P. K.	Motilal Nehru National Institute of Technology Allahabad	1993	75776	Mechanical Engineering & Transports	Polymers

Chatterjee, Anindya	Indian Institute of Technology Kanpur	1994	76238	Mechanical Engineering & Transports	Acoustics
Garg, H. P.	Indian Institute of Technology Delhi	1967	77635	Mechanical Engineering & Transports	Energy
Naik, Niranjan K.	Indian Institute of Technology, Bombay	1982	82839	Mechanical Engineering & Transports	Materials
Mannan, S. L.	Gas Turbine Research Establishment	1969	103740	Mechanical Engineering & Transports	Materials
Das, S.	Advanced Materials and Processes Research Institute	1984	104330	Mechanical Engineering & Transports	Materials
Jayanti, S.	Indian Institute of Technology Madras	1987	105107	Mechanical Engineering & Transports	Energy
Sridharan, A.	Indian National Science Academy	1971	106580	Mechanical Engineering & Transports	Geological Geomatics Engineerin
Reddy, K. S.	Indian Institute of Technology Madras	1998	109502	Mechanical Engineering & Transports	Energy
Harsha, S. P.	Indian Institute of Technology Roorkee	2003	110402	Mechanical Engineering & Transports	Acoustics
Tandon, Naresh	Indian Institute of Technology Delhi	1986	118466	Mechanical Engineering & Transports	Acoustics
Mitra, R.	Indian Institute of Technology Kharagpur	1991	118541	Mechanical Engineering & Transports	Materials
Narayanan, S.	Indian Institute of Information Technology Design and Manufacturing Kancheepuram	1978	122425	Mechanical Engineering & Transports	Acoustics
Kaushik, S. C.	Indian Institute of Technology Delhi	1974	123537	Mechanical Engineering & Transports	Energy
Gopalakrishnan, S.	Indian Institute of Science, Bengaluru	1992	135333	Mechanical Engineering & Transports	Materials

Dwivedi, Dheerendra Kumar	Indian Institute of Technology Roorkee	2000	146093	Mechanical Engineering & Transports	Materials
Gogia, A. K.	Defence Metallurgical Research Lab India	1980	147849	Mechanical Engineering & Transports	Materials
Ray, Subrata	Indian Institute of Technology Mandi	1976	149157	Mechanical Engineering & Transports	Materials
Singh, Manjit	Punjabi University	1981	149187	Mechanical Engineering & Transports	Building & Construction
Rajasekaran, Sundaramoorthy	PSG College of Technology	1973	153867	Mechanical Engineering & Transports	Civil Engin
Subramanian, K. A.	Indian Institute of Technology Delhi	2001	155434	Mechanical Engineering & Transports	Energy
Boggarapu, Nageswara Rao	K L Deemed to be University	1976	156270	Mechanical Engineering & Transports	Materials
Vijayan, Pallippattu Krishnan	Bhabha Atomic Research Centre	1985	167455	Mechanical Engineering & Transports	Energy
Narendar, S.	Defence Research and Development Organisation India	2009	167887	Mechanical Engineering & Transports	Materials
Velraj, R.	Anna University	1997	170290	Mechanical Engineering & Transports	Energy
Ramakrishnan, N.	Centre for Study of Science Technology and Policy	1981	171191	Mechanical Engineering & Transports	Materials
Tyagi, S. K.	Indian Institute of Technology Delhi	1997	181641	Mechanical Engineering & Transports	Energy
Paul, Surajit Kumar	Indian Institute of Technology Patna	2009	185553	Mechanical Engineering & Transports	Materials
Kamaraj, M.	Indian Institute of Technology Madras	1987	191475	Mechanical Engineering & Transports	Materials
Darpe, Ashish K.	Indian Institute of Technology Delhi	2002	198596	Mechanical Engineering & Transports	Acoustics

Shah, Subhash	Pandit Deendayal Petroleum University	1982	199024	Mechanical Engineering & Transports	Energy
Sahoo, Prasanta	Jadavpur University	1996	216217	Mechanical Engineering & Transports	Materials
Basavarajappa, S.	GM Institute of Technology	2005	219046	Mechanical Engineering & Transports	Materials
Pai, B. C.	National Institute for Interdisciplinary Science and Technology	1974	221479	Mechanical Engineering & Transports	Materials
Datta, Amitava	Jadavpur University	1998	233910	Mechanical Engineering & Transports	Energy
Modi, O. P.	Maulana Azad National Institute of Technology	1985	240652	Mechanical Engineering & Transports	Materials
Choudhary, B. K.	Indira Gandhi Centre for Atomic Research	1989	241724	Mechanical Engineering & Transports	Materials
Shimpi, Rameshchandra P.	Indian Institute of Technology, Bombay	1973	245410	Mechanical Engineering & Transports	Materials
Jayaraj, S.	National Institute of Technology Calicut	1987	253420	Mechanical Engineering & Transports	Energy
Dasappa, S.	Indian Institute of Science, Bengaluru	1985	255389	Mechanical Engineering & Transports	Energy
Varun	National Institute of Technology Hamirpur	2006	257797	Mechanical Engineering & Transports	Energy
Bhalla, Suresh	Indian Institute of Technology Delhi	2000	267021	Mechanical Engineering & Transports	Materials
Roy, M.	Defence Metallurgical Research Lab India	1990	269214	Mechanical Engineering & Transports	Materials
Mathew, M. D.	Indira Gandhi Centre for Atomic Research	1980	272369	Mechanical Engineering & Transports	Materials

Samantaray, Arun Kumar	Indian Institute of Technology Kharagpur	1999	302156	Mechanical Engineering & Transports	Industrial Engineerin Automation
Sahoo, Pradeep K.	Indian Institute of Technology Roorkee	1990	309972	Mechanical Engineering & Transports	Energy
Parhi, Dayal R.	National Institute of Technology Rourkela	1997	353398	Mechanical Engineering & Transports	Artificial Intelligence Processing
Das, Arpan	Bhabha Atomic Research Centre	2006	353880	Mechanical Engineering & Transports	Materials
Kumar, Sudarshan	Indian Institute of Technology, Bombay	2002	384517	Mechanical Engineering & Transports	Energy
Chattopadhyay, Ajit K.	Indian Institute of Engineering Science and Technology, Shibpur	1975	433388	Mechanical Engineering & Transports	Electrical & Electronic Engineerin
Rathakrishnan, E.	Indian Institute of Technology Kanpur	1985	540798	Mechanical Engineering & Transports	Aerospace Aeronautic
Dey, Nilanjan	Techno India College of Technology	2012	345262	Medical Informatics	Artificial Intelligence Processing
Panchagnula, Ramesh	National Institute of Pharmaceutical Education and Research, Mohali	1991	49261	Medicinal & Biomolecular Chemistry	Pharmacolo Pharmacy
Chandra, Ramesh	University of Delhi	1981	67341	Medicinal & Biomolecular Chemistry	Pharmacole Pharmacy
Ignacimuthu, Savarimuthu	St.Xavier's College, Palayamkottai	1985	67535	Medicinal & Biomolecular Chemistry	Plant Biolo Botany
Prakash, Om	Birla Institute of Technology, Mesra	1963	68132	Medicinal & Biomolecular Chemistry	Organic Ch
Chakraborti, Asit K.	National Institute of Pharmaceutical Education and Research, Mohali	1983	69720	Medicinal & Biomolecular Chemistry	Organic Ch
Pal, Manojit	University of Hyderabad	1992	72107	Medicinal & Biomolecular Chemistry	Organic Ch

Srimal, Rikhab C.	Indian Institute of Toxicology Research	1964	81499	Medicinal & Biomolecular Chemistry	Neurology Neurosurg
Ram, Vishnu Ji	University of Lucknow	1973	88638	Medicinal & Biomolecular Chemistry	Organic Ch
Lohray, B. B.	Bhuvid Research Laboratory, USA	1961	90798	Medicinal & Biomolecular Chemistry	Organic Ch
Vyas, Suresh P.	Dr. H. S. Gour Vishwavidyalaya Sagar	1988	100289	Medicinal & Biomolecular Chemistry	Pharmacolo Pharmacy
Kumar, Sushil	Anand Agricultural University	1975	104501	Medicinal & Biomolecular Chemistry	Plant Biolo Botany
Pandeya, S. N.	Saroj Institute of Technology and Management	1979	109296	Medicinal & Biomolecular Chemistry	Pharmacolo Pharmacy
Menon, Venugopal P.	Annamalai	1987	112039	Medicinal & Biomolecular Chemistry	Toxicology
Iqbal, Javed	University of Hyderabad	1983	120171	Medicinal & Biomolecular Chemistry	Organic Ch
Naik, Suresh R.	Sinhgad Institute of Pharmaceutical Sciences	1967	129388	Medicinal & Biomolecular Chemistry	Pharmacole Pharmacy
Sharma, Reenu	Jawahar Lal Nehru Medical College Ajmer	1961	136665	Medicinal & Biomolecular Chemistry	General Cli Medicine
Jain, Sanjay K.	Dr. H. S. Gour Vishwavidyalaya Sagar	1988	142931	Medicinal & Biomolecular Chemistry	Pharmacole Pharmacy
Dhawan, B. N.	Central Drug Research Institute India	1956	147388	Medicinal & Biomolecular Chemistry	Pharmacole Pharmacy
Rangappa, Kanchugarakoppal S.	University of Mysore	1980	147496	Medicinal & Biomolecular Chemistry	Organic Ch
Alagarsamy, V.	MNR College of Pharmacy	1999	169591	Medicinal & Biomolecular Chemistry	Pharmacolo Pharmacy
Vaidya, Ashok D.B.	Kasturba Health Society	1977	226090	Medicinal & Biomolecular Chemistry	General & 1 Medicine

Ansari, Mohd Nazam	Jamia Hamdard Faculty of Pharmacy	1967	228951	Medicinal & Biomolecular Chemistry	Artificial Intelligence Processing
Tekade, Rakesh K.	National Institute of Pharmaceutical Education and Research, Ahmedabad	2007	390457	Medicinal & Biomolecular Chemistry	Pharmacolo Pharmacy
Hankey, Alex	SVYASA	2001	467731	Medicinal & Biomolecular Chemistry	Compleme Alternative Medicine
Gadgil, Sulochana	Indian Institute of Science, Bengaluru	1971	52088	Meteorology & Atmospheric Sciences	Plant Biolo Botany
Sharma, M. K.	Guru Jambheshwar University of Science and Technology	1982	89436	Meteorology & Atmospheric Sciences	Environme Sciences
Aggarwal, Pramod K.	International Maize and Wheat Improvement Centre (CIMMYT)	1980	101779	Meteorology & Atmospheric Sciences	Agronomy Agriculture
Mujumdar, P. P.	Indian Institute of Science, Bengaluru	1990	145853	Meteorology & Atmospheric Sciences	Environme Engineerin
Ravindra, Khaiwal	Postgraduate Institute of Medical Education & Research, Chandigarh	2001	157682	Meteorology & Atmospheric Sciences	Environme Sciences
Devotta, Sukumar	National Environmental Engineering Research Institute India	1980	178181	Meteorology & Atmospheric Sciences	Environme Sciences
Shukla, Priyadarshi R.	Ahmedabad University	1992	207419	Meteorology & Atmospheric Sciences	Energy
Apte, Michael G.	FF07, Silicon Pride	1982	215424	Meteorology & Atmospheric Sciences	Building & Construction
Srivastava, Atul	Indian Institute of Technology, Bombay	2002	362451	Meteorology & Atmospheric Sciences	Mechanical Engineerin Transports
Pandey, Ashok	Indian Institute of Toxicology Research	1979	2995	Microbiology	Biotechnolo
Sundar, Shyam	Banaras Hindu University	1982	8585	Microbiology	Tropical M

Agarwal, Ritesh	Postgraduate Institute of Medical Education & Research, Chandigarh	2005	32787	Microbiology	Respiratory
John, T. Jacob	Christian Medical College, Vellore	1966	35934	Microbiology	Pediatrics
Shetty, Prakash	M S Swaminathan Research Foundation	1974	56590	Microbiology	Nutrition & Dietetics
Thomas, Philip A.	Joseph Eye Hospital India	1987	59501	Microbiology	Ophthalmo Optometry
Thakur, Chandreshwar Prasad	Balaji Utthan Sansthan	1978	65711	Microbiology	Tropical M
Ramakrishna, Balakrishnan S.	SRM Institute of Science and Technology, Ramapuram Campus	1982	71928	Microbiology	Gastroente: Hepatology
Sharma, O. P.	Indian Veterinary Research Institute	1976	78850	Microbiology	Toxicology
Singh, Mahavir	Himachal Pradesh University	1983	85064	Microbiology	Immunoloş
Shankar, S. K.	National Institute of Mental Health and Neuro Sciences	1976	95527	Microbiology	Neurology Neurosurg
Kuhad, Ramesh Chander	University of Delhi	1987	95991	Microbiology	Biotechnolo
Gupta, Rani	University of Delhi	1992	97549	Microbiology	Biotechnolo
Srinivasan, Muthiah	Aravind Eye Care System	1984	97773	Microbiology	Ophthalmo Optometry
Udwadia, Z. F.	P.D. Hinduja National Hospital and Medical Research Centre	1987	97888	Microbiology	Respiratory
Sharma, Savitri	L.V. Prasad Eye Institute India	1987	101789	Microbiology	Ophthalmo Optometry
Kumarasamy, Nagalingeswaran	Chennai Antiviral Research and Treatment Clinical Research Site	1995	110450	Microbiology	Virology
Cameotra, Swaranjit Singh	Institute of Microbial Technology India	1973	112156	Microbiology	Biotechnolo

Kanwar, A. J.	Postgraduate Institute of Medical Education & Research, Chandigarh	1975	118298	Microbiology	Dermatolo <sub>{</sub> Venereal D
Bajpai, Pratima	Pulp and Paper Consultant	1982	127544	Microbiology	Forestry
Chattopadhyay, R. R.	Indian Statistical Institute, Kolkata	1991	138413	Microbiology	Medicinal & Biomolecul Chemistry
Das, Pradeep	Rajendra Memorial Research Institute of Medical Sciences	1978	140153	Microbiology	Tropical M
Varma, Ajit	Amity University, Noida	1970	152578	Microbiology	Plant Biolo Botany
Purohit, Hemant	National Environmental Engineering Research Institute India	1994	160899	Microbiology	Biotechnolo
Parija, Subhash Chandra	Jawaharlal Institute of Postgraduate Medical Education and Research	1983	169480	Microbiology	Tropical M
Ahmad, Iqbal	Aligarh Muslim University	1981	173581	Microbiology	Biotechnolo
Saxena, Rajendra Kumar	University of Delhi	1973	174258	Microbiology	Biotechnolo
Satyanarayana, Tulasi	Netaji Subhas Institute of Technology	1987	177236	Microbiology	Biotechnolo
Nigam, J. N.	Harcourt Butler Technological Institute	1971	178289	Microbiology	Biotechnolo
Zinjarde, Smita	Savitribai Phule Pune University	1997	180576	Microbiology	Biotechnolo
Madamwar, Datta	Sardar Patel University	1984	187698	Microbiology	Biotechnolo
Arora, Daljit Singh	Guru Nanak Dev University	1984	196965	Microbiology	Biotechnolo
Kamra, Devki Nandan	Indian Veterinary Research Institute	1983	212551	Microbiology	Dairy & Ar Science
Thomas, Kurien	Christian Medical College, Vellore	1985	216064	Microbiology	General & I Medicine

Prakash, Om	Indian Institute of Technology Banaras Hindu University	1987	221158	Microbiology	Medicinal & Biomolecul Chemistry
Das, S.	National Institute of Technology Rourkela	2006	244449	Microbiology	Biotechnolo
Singh, Neeru	National Institute for Research in Tribal Health	1985	254731	Microbiology	Tropical M
Ray, Ranjit K.	Indian Institute of Engineering Science and Technology, Shibpur	1971	101947	Mining & Metallurgy	Materials
Chakraborti, Nirupam	Indian Institute of Technology Kharagpur	1979	152609	Mining & Metallurgy	Materials
Upadhyaya, G. S.	Indian Institute of Technology Kanpur	1969	180791	Mining & Metallurgy	Materials
Modak, Jayant M.	Indian Institute of Science, Bengaluru	1985	183018	Mining & Metallurgy	Chemical Engineerin
Suri, A. R.	Bhabha Atomic Research Centre	1973	211360	Mining & Metallurgy	Materials
Ramachandrarao, P.	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad	1969	225927	Mining & Metallurgy	Materials
Murugan, N.	PSG College of Technology	1993	228688	Mining & Metallurgy	Materials
De, A.	Indian Institute of Technology, Bombay	1996	243522	Mining & Metallurgy	Materials
Dash, Sukanta Kumar	Indian Institute of Technology Kharagpur	1989	251658	Mining & Metallurgy	Mechanical Engineerin Transports
Ghosh, P. K.	Indian Institute of Technology Roorkee	1984	288713	Mining & Metallurgy	Materials
Ramaiah, Kapa D.	Consultant on lymphatic filariasis	1986	165016	Mycology & Parasitology	Tropical M
Sahoo, Pramoda K.	ICAR – Central Institute of Freshwater Aquaculture, Bhubaneswar	2001	190126	Mycology & Parasitology	Fisheries

Rao, C. N.R.	Jawaharlal Nehru Centre for Advanced Scientific Research	1956	315	Nanoscience & Nanotechnology	Inorganic & Chemistry
Ogale, Satish	Indian Institute of Science Education and Research, Pune	1978	15435	Nanoscience & Nanotechnology	Applied Pr
Kumar, Sandeep	All India Institute of Medical Sciences, New Delhi	1985	16309	Nanoscience & Nanotechnology	Applied Pr
Das, Sarit K.	Indian Institute of Technology Madras	1986	33539	Nanoscience & Nanotechnology	Mechanical Engineerin Transports
Jayakumar, R.	Amrita Institute of Medical Sciences India	2000	34171	Nanoscience & Nanotechnology	Polymers
Late, Dattatray	Amity University, Maharashtra	2004	46714	Nanoscience & Nanotechnology	Applied Ph
Nair, Shantikumar	Amrita Institute of Medical Sciences India	1980	47994	Nanoscience & Nanotechnology	Polymers
Kundu, Subrata	Central Electrochemical Research Institute India	2002	50230	Nanoscience & Nanotechnology	Chemical F
Polshettiwar, Vivek	Tata Institute of Fundamental Research, Mumbai	2003	50492	Nanoscience & Nanotechnology	Organic Ch
Pramanik, Panchanan	GLA University, Mathura	1975	50934	Nanoscience & Nanotechnology	Materials
Nanda, Karuna Kar	Indian Institute of Science, Bengaluru	1994	51064	Nanoscience & Nanotechnology	Applied Ph
Raychaudhuri, A. K.	S N Bose National Centre for Basic Science	1980	59848	Nanoscience & Nanotechnology	Applied Ph
Sahoo, Sanjeeb Kumar	Institute of Life Sciences India	1998	67834	Nanoscience & Nanotechnology	Pharmacole Pharmacy
Jain, Narendra Kumar	Rajiv Gandhi Technical University	1975	84149	Nanoscience & Nanotechnology	Pharmacole Pharmacy
Jog, Jyoti	National Chemical Laboratory India	1980	94358	Nanoscience & Nanotechnology	Polymers
Govindaraj, Achutharao	Indian Institute of Science, Bengaluru	1992	94642	Nanoscience & Nanotechnology	Chemical F

Stephan, A. Manuel	Central Electrochemical Research Institute India	1996	95660	Nanoscience & Nanotechnology	Energy
Maitra, Uday	Indian Institute of Science, Bengaluru	1983	101198	Nanoscience & Nanotechnology	Organic Ch
Maiti, Pralay	Indian Institute of Technology Banaras Hindu University	1993	114134	Nanoscience & Nanotechnology	Polymers
Giri, P. K.	Indian Institute of Technology Guwahati	1995	120562	Nanoscience & Nanotechnology	Applied Ph
Senthil Kumar, Ponnusamy	SSN College of Engineering, Kalavakkam	2008	120596	Nanoscience & Nanotechnology	Chemical Engineerin
Singh, Virendra V.	Defence Research & Development Establishment India	2008	145083	Nanoscience & Nanotechnology	Materials
Ramalingam, Murugan	Vellore Institute of Technology, Vellore	2002	150755	Nanoscience & Nanotechnology	Biomedical Engineerin
Muthu, M. S.	Indian Institute of Technology Banaras Hindu University	2006	157870	Nanoscience & Nanotechnology	Pharmacole Pharmacy
Manocha, L. M.	DMSRD Establishment	1974	161194	Nanoscience & Nanotechnology	Materials
Singh, Surinder P.	National Physical Laboratory India	2003	162053	Nanoscience & Nanotechnology	Applied Ph
Paknikar, K. M.	Agharkar Research Institute	1987	163867	Nanoscience & Nanotechnology	Biotechnolo
Ananthasuresh, G. K.	Indian Institute of Science, Bengaluru	1990	172244	Nanoscience & Nanotechnology	Design Pra Manageme
Tarafdar, J. C.	ICAR – Central Arid Zone Research Institute, Jodhpur	1978	180827	Nanoscience & Nanotechnology	Agronomy Agriculture
Jain, Sanyog	National Institute of Pharmaceutical Education and Research, Mohali	2003	186885	Nanoscience & Nanotechnology	Pharmacole Pharmacy
Deepa, Melepurath	Indian Institute of Technology Hyderabad	1999	221311	Nanoscience & Nanotechnology	Energy

Rajalakshmi, N.	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad	1987	256322	Nanoscience & Nanotechnology	Energy
Sharma, Sanjay	Thapar Institute of Engineering & Technology	1988	24203	Networking & Telecommunications	Nuclear & Physics
Ramamritham, Krithi	Indian Institute of Technology, Bombay	1980	30359	Networking & Telecommunications	Informatio
Kephart, Jeffrey O.	IBM Research	1989	31819	Networking & Telecommunications	Artificial Intelligence Processing
Chaudhuri, Bidyut B.	Indian Statistical Institute, Kolkata	1978	40760	Networking & Telecommunications	Artificial Intelligence Processing
Sharma, V. K.	University of Delhi, Keshav Mahavidyalaya	1981	41165	Networking & Telecommunications	Dermatolo <sub>{</sub> Venereal D
Das, Swagatam	Indian Statistical Institute, Kolkata	2004	41864	Networking & Telecommunications	Artificial Intelligence Processing
Senani, Raj	Netaji Subhas Institute of Technology	1978	50033	Networking & Telecommunications	Electrical & Electronic Engineerin
Mitra, Sushmita	Indian Statistical Institute, Kolkata	1989	50947	Networking & Telecommunications	Artificial Intelligence Processing
Borkar, Vivek	Indian Institute of Technology, Bombay	1977	55287	Networking & Telecommunications	Industrial Engineerin Automatio
Ghoshal, S. P.	National Institute of Technology, Durgapur	2003	74832	Networking & Telecommunications	Artificial Intelligence Processing
Veerachary, Mummadi	Indian Institute of Technology Delhi	1999	75108	Networking & Telecommunications	Electrical & Electronic Engineerin
Kajiya, Jim	Microsoft Research	1981	88098	Networking & Telecommunications	Software Engineerin
Konar, Amit	Jadavpur University	1990	90734	Networking & Telecommunications	Artificial Intelligence Processing

Maheshwari, S.	Aligarh Muslim University	2000	111501	Networking & Telecommunications	Electrical & Electronic Engineerin
Kumar, Santosh	Shiv Nadar University	1979	112193	Networking & Telecommunications	Urology & Nephrolog
Majumdar, Angshul	Indraprastha Institute of Information Technology, Delhi	2007	155817	Networking & Telecommunications	Artificial Intelligence Processing
Ranganath, Surendra	JSS Science and Technology University	1980	179731	Networking & Telecommunications	Artificial Intelligence Processing
Das, Manik Lal	Dhirubhai Ambani Institute of Information and Communication Technology	2004	190912	Networking & Telecommunications	Artificial Intelligence Processing
Sood, Sandeep K.	Central University of Himachal Pradesh	2009	203017	Networking & Telecommunications	Artificial Intelligence Processing
Chaira, Tamalika	Indian Institute of Technology Delhi	2003	208597	Networking & Telecommunications	Artificial Intelligence Processing
Majhi, Somanath	Indian Institute of Technology Guwahati	1996	212143	Networking & Telecommunications	Industrial Engineerin Automatio
Sen, Jaydip	Praxis Business School	2005	214349	Networking & Telecommunications	Artificial Intelligence Processing
Singh, Richa	Indraprastha Institute of Information Technology, Delhi	2002	216374	Networking & Telecommunications	Artificial Intelligence Processing
Mukhopadhyay, Jayanta	Indian Institute of Technology Kharagpur	1989	218880	Networking & Telecommunications	Artificial Intelligence Processing
Hanmandlu, Madasu	MVSR Engineering College	1980	221093	Networking & Telecommunications	Artificial Intelligence Processing
Malhotra, Ruchika	Delhi Technological University	2005	221368	Networking & Telecommunications	Artificial Intelligence Processing
Chanda, Bhabatosh	Indian Statistical Institute, Kolkata	1982	243329	Networking & Telecommunications	Artificial Intelligence Processing

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Cherukuri, Aswani Kumar	Vellore Institute of Technology, Vellore	2005	254642	Networking & Telecommunications	Artificial Intelligence Processing
Jana, Prasanta K.	Indian Institute of Technology (Indian School of Mines), Dhanbad	1995	269197	Networking & Telecommunications	Artificial Intelligence Processing
Pal, Kirat	Indian Institute of Technology Roorkee	1977	270380	Networking & Telecommunications	Electrical & Electronic Engineerin
Rao, K. Sreenivasa	Indian Institute of Technology Kharagpur	2002	278770	Networking & Telecommunications	Artificial Intelligence Processing
Pachori, Ram Bilas	Indian Institute of Technology Indore	2005	287418	Networking & Telecommunications	Artificial Intelligence Processing
Lahiri, Abhirup	D3-Friends Apartments, IP Extension	2008	295244	Networking & Telecommunications	Electrical & Electronic Engineerin
Narayanan, G.	Indian Institute of Science, Bengaluru	1998	322376	Networking & Telecommunications	Electrical & Electronic Engineerin
Bhaskar, D. R.	Delhi Technological University	1991	323585	Networking & Telecommunications	Electrical & Electronic Engineerin
Bhardwaj, Manish	KIET Group of Institutions	2000	468462	Networking & Telecommunications	Electrical & Electronic Engineerin
Ananda Mohan, P. V.	Centre for Development of Advanced Computing, India	1975	498834	Networking & Telecommunications	Electrical & Electronic Engineerin
Kulkarni, S. K.	University Institute of Pharmaceutical Sciences India	1972	16651	Neurology & Neurosurgery	Pharmacolo Pharmacy
Bhattacharya, S. K.	Banaras Hindu University, Institute of Medical Sciences	1971	43996	Neurology & Neurosurgery	Toxicology
Andrade, Chittaranjan	National Institute of Mental Health and Neuro Sciences	1986	61400	Neurology & Neurosurgery	Psychiatry
Gupta, Rakesh Kumar	All India Institute of Medical Sciences, Raipur	1969	61401	Neurology & Neurosurgery	Nuclear Me Medical Im

Singhi, Sunit	Postgraduate Institute of Medical Education & Research, Chandigarh	1977	83963	Neurology & Neurosurgery	Pediatrics
Jana, Nihar R.	Indian Institute of Technology Kharagpur	1993	92342	Neurology & Neurosurgery	Biochemist Molecular
Singhi, Pratibha	Postgraduate Institute of Medical Education & Research, Chandigarh	1977	102005	Neurology & Neurosurgery	Pediatrics
Jain, Anil	University College of Medical Sciences	1988	119214	Neurology & Neurosurgery	Orthopedic
Chopra, Kanwaljit	University Institute of Pharmaceutical Sciences India	1988	122788	Neurology & Neurosurgery	Pharmacole Pharmacy
Jagannathan, Naranamangalam R.	All India Institute of Medical Sciences, New Delhi	1982	134310	Neurology & Neurosurgery	Nuclear Mo Medical Im
Kumar, Anil	National Botanical Research Institute India	2000	169921	Neurology & Neurosurgery	Pharmacole Pharmacy
Gururaj, Gopalkrishna	National Institute of Mental Health and Neuro Sciences	1990	185122	Neurology & Neurosurgery	General & I Medicine
Guraya, Sardul S.	Punjab Agricultural University	1963	190264	Neurology & Neurosurgery	Dairy & Ar Science
Pal, G. P.	Shri M.P. Shah Medical College	1973	289471	Neurology & Neurosurgery	Anatomy & Morpholog
Nagendra, Hongasandra Ramarao	Swami Vivekananda Yoga Anusandhana Samsthana	1985	413207	Neurology & Neurosurgery	Compleme Alternative Medicine
Kumar, Rakesh	All India Institute of Medical Sciences, New Delhi	1973	14238	Nuclear & Particle Physics	Nuclear Me Medical Im
Subramanian, Kandaswamy	Inter-University Centre for Astronomy and Astrophysics India	1986	67684	Nuclear & Particle Physics	Astronomy Astrophysi
Chakrabarti, Sandip K.	Indian Centre for Space Physics	1984	80585	Nuclear & Particle Physics	Astronomy Astrophysi
Chakrabarti, Bikas K.	Indian Statistical Institute, Kolkata	1976	96536	Nuclear & Particle Physics	Fluids & Pl

Antia, H. M.	Tata Institute of Fundamental Research, Mumbai	1978	99515	Nuclear & Particle Physics	Astronomy Astrophysi
Srianand, R.	Inter-University Centre for Astronomy and Astrophysics India	1993	132023	Nuclear & Particle Physics	Astronomy Astrophysi
Chaplot, S. L.	Bhabha Atomic Research Centre	1978	173488	Nuclear & Particle Physics	Applied Ph
Dhiman, Radha K.	Postgraduate Institute of Medical Education & Research, Chandigarh	1991	76153	Nuclear Medicine & Medical Imaging	Gastroente: Hepatology
Malladi, Ravikanth	GE Global Research India	1991	239134	Nuclear Medicine & Medical Imaging	Artificial Intelligence Processing
Mallik, Ranjan K.	Indian Institute of Technology Delhi	1994	57539	Numerical & Computational Mathematics	Networkin Telecommi
Bhatia, Rajendra	Ashoka University	1979	60259	Numerical & Computational Mathematics	General Mathematic
Pachpatte, B. G.	57 Shri Niketan Colony, Near Abhinay Talkies	1972	92215	Numerical & Computational Mathematics	General Mathematic
Gupta, Vijay	Netaji Subhas University of Technology	1987	149656	Numerical & Computational Mathematics	General Mathemati
Biswas, Ranjit	Jamia Hamdard	1989	188590	Numerical & Computational Mathematics	Artificial Intelligence Processing
Misra, J. C.	Indian Institute of Engineering Science and Technology, Shibpur	1972	213358	Numerical & Computational Mathematics	Mechanical Engineerin Transports
Mandal, Prashanta K.	Visva-Bharati University	1994	245244	Numerical & Computational Mathematics	Mechanical Engineerin Transports
Yajnik, Chittaranjan S.	King Edward Memorial Hospital India	1982	13205	Nutrition & Dietetics	Endocrinol Metabolisn
Misra, Anoop	Fortis Healthcare Ltd.	1988	17080	Nutrition & Dietetics	Endocrinol Metabolisn

Srinivasan, Krishnapura	Central Food Technological Research Institute India	1978	21222	Nutrition & Dietetics	Food Scien
Singh, Ram B.	Halberg Hospital and Research Institute	1979	47030	Nutrition & Dietetics	Cardiovasc System & Hematolog
Bhan, Maharaj Kishan	Health Systems Transformation Platform	1979	56311	Nutrition & Dietetics	Pediatrics
Nagini, S.	Annamalai University	1986	71418	Nutrition & Dietetics	Oncology & Carcinoger
Negi, Pradeep Singh	Central Food Technological Research Institute India	1999	94952	Nutrition & Dietetics	Food Scien
Singh, U.	CCS Haryana Agricultural University	1977	122924	Nutrition & Dietetics	Food Scien
Kapil, Umesh	All India Institute of Medical Sciences, New Delhi	1983	131568	Nutrition & Dietetics	Pediatrics
Bhattacharya, Suvendu	Tezpur University	1987	138172	Nutrition & Dietetics	Food Scien
Naidu, K. Akhilender	Central Food Technological Research Institute India	1983	143966	Nutrition & Dietetics	Food Scien
Abraham, Suresh K.	Jawaharlal Nehru University	1976	162655	Nutrition & Dietetics	Toxicology
Bhattacharya, Kshirod R.	Tilda Riceland Pvt. Ltd.	1966	189515	Nutrition & Dietetics	Food Scien
Sankaranarayanan, Rengaswamy	RTI International	1983	10402	Obstetrics & Reproductive Medicine	Oncology & Carcinoger
Shivaji, Sisinthy	L.V. Prasad Eye Institute India	1975	70916	Obstetrics & Reproductive Medicine	Microbiolo
Gupta, Narmada P.	Kidney and Urology Institute	1977	109591	Obstetrics & Reproductive Medicine	Urology & Nephrolog
Srivastava, P. K.	Birla Institute of Technology, Mesra	1960	4512	Oncology & Carcinogenesis	Immunoloş

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Gupta, P. C.	Healis – Sekhsaria Institute for Public Health	1968	22537	Oncology & Carcinogenesis	Public Hea
Singh, Rajesh	Management Development Institute, Gurgaon	1988	36234	Oncology & Carcinogenesis	Business & Manageme
Jagetia, Ganesh Chandra	Mizoram University	1981	45373	Oncology & Carcinogenesis	Toxicology
Sinha, Asru K.	Sinha Institute of Medical Science and Technology	1970	59203	Oncology & Carcinogenesis	Cardiovasc System & Hematolog
Ghoshal, Uday C.	Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow	1992	73977	Oncology & Carcinogenesis	Gastroente: Hepatology
Mahapatra, Ashok Kumar	All India Institute of Medical Sciences, New Delhi	1982	74462	Oncology & Carcinogenesis	Neurology Neurosurg
Talwar, G. P.	Talwar Research Foundation	1961	88410	Oncology & Carcinogenesis	Obstetrics & Reproducti Medicine
Uma Devi, P.	Pathirissery Mana	1978	107678	Oncology & Carcinogenesis	Toxicology
Basu, Sandip	Tata Memorial Hospital	2001	109713	Oncology & Carcinogenesis	Nuclear Mo Medical Im
Singh, Rakesh K.	Indian Institute of Technology Banaras Hindu University	1973	118730	Oncology & Carcinogenesis	Optics
Biswas, Jyotirmay	Sankara Nethralaya	1988	138567	Oncology & Carcinogenesis	Ophthalmo Optometry
Rao, Ravipudi Venkata	S. V. National Institute of Technology	1998	11403	Operations Research	Industrial Engineerin Automation
Kundu, Debasis	Indian Institute of Technology Kanpur	1990	31618	Operations Research	Statistics & Probability
Sushil, S.	Indian Institute of Technology Delhi	1983	71862	Operations Research	Business & Manageme
Viswanadham, N.	Indian Institute of Science, Bengaluru	1966	106774	Operations Research	Industrial Engineerin Automation
Ravi, Vadlamani	Institute for Development and Research in Banking Technology India	1997	136895	Operations Research	Artificial Intelligence Processing

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Gupta, Piyush	Inter University Accelerator Centre India	1994	153504	Operations Research	Networkin Telecommi
Singh, Alok	University of Hyderabad	2005	178745	Operations Research	Artificial Intelligence Processing
Abuturab, Muhammad Rafiq	Maulana Azad College	2012	188823	Optics	Optoelectro Photonics
Ghatak, A. K.	Indian Institute of Technology Delhi	1965	191775	Optics	Optoelectro Photonics
Sirohi, Rajpal S.	Tezpur University	1969	262309	Optics	Optoelectro Photonics
Sharma, Anurag	Indian Institute of Technology Delhi	1976	295584	Optics	Optoelectro Photonics
Jha, Rajan	Indian Institute of Technology Bhubaneswar	2006	319510	Optics	Optoelectro Photonics
Chattopadhyay, Tanay	Sagardighi Thermal Power Project	2008	327433	Optics	Optoelectro Photonics
Kothiyal, Mahendra P.	Indian Institute of Technology Madras	1975	365496	Optics	Optoelectro Photonics
Shakher, Chandra	Indian Institute of Technology Delhi	1978	369891	Optics	Optoelectro Photonics
Sahu, Partha P.	Tezpur University	2003	489793	Optics	Optoelectro Photonics
Roy, Sukhdev	Dayalbagh Educational Institute	1990	539693	Optics	Optoelectro Photonics
Sharma, Shiv K.	National Brain Research Centre	1959	37811	Optoelectronics & Photonics	Chemical F
Bhatnagar, Manav R.	Indian Institute of Technology Delhi	2006	75218	Optoelectronics & Photonics	Networkin Telecommi
Nishchal, Naveen K.	Indian Institute of Technology Patna	2002	233032	Optoelectronics & Photonics	Optics
Sivarajan, Kumar N.	Tejas Networks	1994	245486	Optoelectronics & Photonics	Networkin Telecommi
Sivalingam, Krishna M.	Indian Institute of Technology Madras	1992	301853	Optoelectronics & Photonics	Networkin Telecommi
Desiraju, Gautam R.	Indian Institute of Science, Bengaluru	1977	288	Organic Chemistry	Inorganic & Chemistry
Ali, Imran	Jamia Millia Islamia	1986	5905	Organic Chemistry	Analytical Chemistry
Gogate, Parag R.	Institute of Chemical Technology	1999	6833	Organic Chemistry	Chemical Engineerin

Nangia, Ashwini K.	National Chemical Laboratory India	1987	16744	Organic Chemistry	Inorganic & Chemistry
Biradha, Kumar	Indian Institute of Technology Kharagpur	1993	20406	Organic Chemistry	Inorganic & Chemistry
Chattaraj, Pratim Kumar	Indian Institute of Technology Kharagpur	1984	23224	Organic Chemistry	Chemical F
Parida, Kulamani	Siksha O Anusandhan (Deemed to be University)	1981	27285	Organic Chemistry	Physical Cl
Chandrasekhar, Vadapalli	Indian Institute of Technology Kanpur	1981	27863	Organic Chemistry	Inorganic & Chemistry
Natarajan, S.	Indian Institute of Science, Bengaluru	1992	28932	Organic Chemistry	Inorganic & Chemistry
Kamal, Ahmed	Indian Institute of Chemical Technology	1980	29427	Organic Chemistry	Medicinal & Biomolecul Chemistry
Chakravorty, Animesh	Indian Association for the Cultivation of Science	1959	41137	Organic Chemistry	Inorganic & Chemistry
Pandey, Siddharth	Indian Institute of Technology Delhi	1994	45264	Organic Chemistry	Chemical F
Banerjee, Rahul	Indian Institute of Science Education and Research Kolkata	2003	45537	Organic Chemistry	Inorganic & Chemistry
Pandit, Aniruddha	Institute of Chemical Technology	1982	51076	Organic Chemistry	Chemical Engineerin
Ratnasamy, Paul	Lalit Apts	1970	53999	Organic Chemistry	Physical Cl
Ghosal, Shibnath	Natreon Inc.	1965	54870	Organic Chemistry	Medicinal & Biomolecul Chemistry
Kumar, Subodh	Guru Nanak Dev University	1993	56970	Organic Chemistry	Materials
Sen, Ramkrishna	Indian Institute of Technology Kharagpur	1997	60593	Organic Chemistry	Biotechnolo
Guru Row, T. N.	Indian Institute of Science, Bengaluru	1974	64444	Organic Chemistry	Inorganic & Chemistry
Srivastava, Rajendra	Indian Institute of Technology Ropar	1984	65665	Organic Chemistry	Physical Cl
Mehrotra, Ram C.	University of Rajasthan	1947	69752	Organic Chemistry	Inorganic & Chemistry

Reddy, Benjaram M.	Indian Institute of Chemical Technology	1984	73329	Organic Chemistry	Physical Cl
Mahato, S. B.	Indian Institute of Chemical Biology	1965	75826	Organic Chemistry	Plant Biolo Botany
Yella, Aswani	Indian Institute of Technology, Bombay	2008	78524	Organic Chemistry	Materials
Banerjee, Uttam Chand	National Institute of Pharmaceutical Education and Research, Mohali	1989	82995	Organic Chemistry	Biotechnolo
Kumar, C. Ganesh	Indian Institute of Chemical Technology	1998	85419	Organic Chemistry	Medicinal & Biomolecul Chemistry
Singh, Ashish Kumar	Bharati Vidyapeeth's College of Engineering, New Delhi	2008	86925	Organic Chemistry	Energy
Karak, N.	Tezpur University	1996	88392	Organic Chemistry	Polymers
Gopinath, Chinnakonda S.	National Chemical Laboratory India	1991	98001	Organic Chemistry	Physical Cl
Bharadwaj, Parimal K.	Indian Institute of Technology Kanpur	1978	108757	Organic Chemistry	Inorganic & Chemistry
Mukherjee, Partha Sarathi	Indian Institute of Science, Bengaluru	2000	111522	Organic Chemistry	Inorganic & Chemistry
Sriram, Dharmarajan	Birla Institute of Technology and Science, Pilani	1998	112850	Organic Chemistry	Medicinal & Biomolecul Chemistry
Chandra, Asit K.	North-Eastern Hill University	1987	114850	Organic Chemistry	Chemical F
Saxena, A. K.	Central Drug Research Institute India	1973	115227	Organic Chemistry	Medicinal & Biomolecul Chemistry
Kalia, Susheel	Army Cadet College Wing of Indian Military Academy	2005	115259	Organic Chemistry	Polymers
Lobana, Tarlok S.	Guru Nanak Dev University	1981	115553	Organic Chemistry	Inorganic & Chemistry
Maji, Tapas Kumar	Jawaharlal Nehru Centre for Advanced Scientific Research	2000	116782	Organic Chemistry	Inorganic & Chemistry
Kundu, Patit Paban	Indian Institute of Technology Roorkee	1995	127574	Organic Chemistry	Polymers
Nath, Mala	Indian Institute of Technology Roorkee	1988	128447	Organic Chemistry	Inorganic & Chemistry

Bhattacharya, Samaresh	Jadavpur University	1984	131818	Organic Chemistry	Inorganic & Chemistry
Kulkarni, Amol A.	National Chemical Laboratory India	1983	132141	Organic Chemistry	Chemical Engineerin
Purkait, Mihir Kumar	Indian Institute of Technology Guwahati	2003	135702	Organic Chemistry	Chemical Engineerin
Pal, Sagar	Indian Institute of Technology (Indian School of Mines), Dhanbad	2005	140893	Organic Chemistry	Polymers
Anthony, Savarimuthu Philip	SASTRA Deemed University	2001	141837	Organic Chemistry	Inorganic & Chemistry
Srinivasan, Kannan	Central Salt and Marine Chemicals Research Institute India	1998	142554	Organic Chemistry	Physical Cl
Rode, Chandrashekhar V.	National Chemical Laboratory India	1992	143927	Organic Chemistry	Physical Cl
Chopra, Deepak	Indian Institute of Science Education and Research Bhopal	2003	151623	Organic Chemistry	Inorganic & Chemistry
Singh, Ajai K.	Indian Institute of Technology Delhi	1975	152364	Organic Chemistry	Inorganic & Chemistry
Palaniandavar, Mallayan	Bharathidasan University	1980	156351	Organic Chemistry	Inorganic & Chemistry
Balakrishna, Maravanji S.	Indian Institute of Technology, Bombay	1990	157154	Organic Chemistry	Inorganic & Chemistry
Sinha, Anil	Indian Institute of Petroleum	1997	159122	Organic Chemistry	Physical Cl
Tiwari, Ashok Kumar	Indian Institute of Chemical Technology	2001	163165	Organic Chemistry	Medicinal & Biomolecul Chemistry
Alexander, V.	Loyola College, Chennai	1976	163340	Organic Chemistry	Inorganic & Chemistry
Murugavel, Ramaswamy	Indian Institute of Technology, Bombay	1993	165750	Organic Chemistry	Inorganic & Chemistry
Pal, Samudranil	University of Hyderabad	1985	167301	Organic Chemistry	Inorganic & Chemistry
Banerji, Kalyan K.	Jai Narain Vyas University	1969	167974	Organic Chemistry	Inorganic & Chemistry
Pedireddi, V. R.	Indian Institute of Technology Bhubaneswar	1989	170540	Organic Chemistry	Inorganic & Chemistry

Bharate, Sandip B.	Indian Institute of Integrative Medicine, Srinagar	2005	176144	Organic Chemistry	Medicinal & Biomolecul Chemistry
Ramaraj, R.	Madurai Kamaraj University	1984	181355	Organic Chemistry	Energy
Ranganathan, Darshan	Indian Institute of Chemical Technology	1973	185179	Organic Chemistry	General Ch
Kulkarni, Prashant S.	Defence Institute of Advanced Technology	1999	185392	Organic Chemistry	Chemical Engineerin
Bhakuni, Dewan S.	Central Drug Research Institute India	1965	188272	Organic Chemistry	General Ch
Pandey, Krishna K.	Devi Ahilya Vishwavidyalaya, Indore	1979	191628	Organic Chemistry	Inorganic & Chemistry
Roy, Poulomi	Central Mechanical Engineering Research Institute India	2006	199446	Organic Chemistry	Energy
Ballav, Nirmalya	Indian Institute of Science Education and Research, Pune	2003	205068	Organic Chemistry	Physical Cl
Bhushan, Ravi	Indian Institute of Technology Roorkee	1981	212470	Organic Chemistry	Analytical Chemistry
Karmee, Sanjib Kumar	Sardar Patel Renewable Energy Research Institute (SPRERI)	2004	217725	Organic Chemistry	Biotechnolo
Chauhan, Prem M.S.	Central Drug Research Institute India	1991	220558	Organic Chemistry	Medicinal & Biomolecul Chemistry
Naskar, Milan Kanti	Central Glass and Ceramic Research Institute India	1993	235747	Organic Chemistry	Materials
Viswanadhan, Vellarkad N.	Jubilant Biosys Ltd.	1982	239415	Organic Chemistry	Medicinal & Biomolecul Chemistry
Babu, Sukumaran Santhosh	National Chemical Laboratory India	2006	259403	Organic Chemistry	General Ch
Jain, Rahul	National Institute of Pharmaceutical Education and Research, Mohali	1996	266283	Organic Chemistry	Medicinal & Biomolecul Chemistry

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Kumar, Devesh	Babasaheb Bhimrao Ambedkar University	2003	267987	Organic Chemistry	General Ch
Singh, Chandan	Central Drug Research Institute India	1986	287742	Organic Chemistry	Medicinal & Biomolecul Chemistry
Goel, Atul	Seth GS Medical College and KEM Hospital	1951	23332	Orthopedics	Neurology Neurosurg
Sehgal, Virendra N.	Sehgal Nursing Home	1964	53877	Otorhinolaryngology	Dermatolo <sub>{</sub> Venereal D
Gupta, Amod	Postgraduate Institute of Medical Education & Research, Chandigarh	1979	102474	Otorhinolaryngology	Ophthalmo Optometry
SINHA, RAJIV	Indian Institute of Technology Kanpur	1993	120995	Paleontology	Geography
Honavar, Santosh G.	Centre for Sight	1993	137504	Pathology	Ophthalmo Optometry
Chandra, Ranjit K.	Allergy	1962	6686	Pediatrics	Nutrition & Dietetics
Bagga, Arvind	All India Institute of Medical Sciences, New Delhi	1984	84834	Pediatrics	Urology & Nephrolog
Thappa, Devinder Mohan	Jawaharlal Institute of Postgraduate Medical Education and Research	1989	112209	Pediatrics	Dermatoloį Venereal D
Banerjee, Sanjay K.	Translational Health Science and Technology Institute	1978	211181	Pediatrics	Medicinal & Biomolecul Chemistry
Bhargava, Santosh Kumar	Sunder Lal Jain Hospital	1963	224587	Pediatrics	General & I Medicine
Roy, Kunal	Jadavpur University	1998	34432	Pharmacology & Pharmacy	Medicinal & Biomolecul Chemistry
Mukherjee, Pulok K.	Jadavpur University	1995	43478	Pharmacology & Pharmacy	Medicinal & Biomolecul Chemistry
Sharma, Chandra P.	Sree Chitra Tirunal Institute for Medical Sciences and Technology	1971	64666	Pharmacology & Pharmacy	Biomedical Engineerin

Singh, Saranjit	National Institute of Pharmaceutical Education and Research, Mohali	1986	111585	Pharmacology & Pharmacy	Analytical Chemistry
Prince, P. Stanely Mainzen	Annamalai University	1997	112320	Pharmacology & Pharmacy	Medicinal & Biomolecul Chemistry
Kumar, Amit	Central Electronics Engineering Research Institute India	2000	147408	Pharmacology & Pharmacy	Artificial Intelligence Processing
Pal, Tapan Kumar	Jadavpur University	1983	164272	Pharmacology & Pharmacy	Materials
Yogeeswari, Perumal	Birla Institute of Technology and Science, Pilani	1998	165217	Pharmacology & Pharmacy	Medicinal & Biomolecul Chemistry
Nayak, Amit Kumar	Seemanta Institute of Pharmaceutical Sciences	2010	191465	Pharmacology & Pharmacy	Polymers
Thatte, Urmila	King Edward Memorial Hospital India	1985	203424	Pharmacology & Pharmacy	General & I Medicine
Mandal, S.	Jadavpur University	1991	234694	Pharmacology & Pharmacy	Medicinal & Biomolecul Chemistry
Gogtay, Nithya J.	Seth GS Medical College and KEM Hospital	1996	244056	Pharmacology & Pharmacy	General & Medicine
Bhattacharya, Sanjib	West Bengal Medical Services Corporation Ltd.	2008	272398	Pharmacology & Pharmacy	Medicinal & Biomolecul Chemistry
Garrison, Jim	Virginia Polytechnic Institute and State University	1984	204282	Philosophy	Education
Dhakshinamoorthy, Amarajothi	Madurai Kamaraj University	2003	40097	Physical Chemistry	Organic Ch
Maurya, Mannar R.	Indian Institute of Technology Roorkee	1985	43890	Physical Chemistry	Inorganic & Chemistry
Bhaumik, Asim	Indian Association for the Cultivation of Science	1994	49954	Physical Chemistry	Organic Ch
Chandra, Amalendu	Indian Institute of Technology Kanpur	1988	52346	Physical Chemistry	Chemical F
Kantam, M. Lakshmi	Institute of Chemical Technology	1983	55149	Physical Chemistry	Organic Ch

Hegde, M. S.	Talent Development Centre	1972	67431	Physical Chemistry	Materials
Ganesh, Ibram	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad	1997	73766	Physical Chemistry	Materials
Choudary, Boyapati Manoranjan	Tezpur University	1985	85602	Physical Chemistry	Organic Ch
Ghosh, Hirendra N.	Bhabha Atomic Research Centre	1992	96055	Physical Chemistry	Chemical F
Jansen, Antonius P.J.	Markets Private Limited	1989	96189	Physical Chemistry	Chemical F
Pal, Sourav	Indian Institute of Technology, Bombay	1980	99019	Physical Chemistry	Chemical F
Datta, Ayan	Indian Association for the Cultivation of Science	2003	100545	Physical Chemistry	Chemical F
Ghanty, Tapan K.	Bhabha Atomic Research Centre	1991	101248	Physical Chemistry	Chemical F
Bhanage, Bhalchandra M.	Institute of Chemical Technology	1992	104758	Physical Chemistry	Organic Ch
Wasewar, Kailas L.	Visvesvaraya National Institute of Technology	2002	104808	Physical Chemistry	Chemical Engineerin
Varma, I. K.	The NorthCap University	1966	109791	Physical Chemistry	Polymers
Phukan, Prodeep	Gauhati University	1998	137872	Physical Chemistry	Organic Ch
Bashir, Z.	VMFT	1984	174302	Physical Chemistry	Polymers
Oswal, Shantilal B.	Veer Narmad South Gujarat University	1989	189913	Physical Chemistry	Chemical Engineerin
Tyagi, V. V.	Shri Mata Vaishno Devi University	2007	224359	Physical Chemistry	Energy
Kant, Rama	University of Delhi	1989	240902	Physical Chemistry	Energy
Girish Kumar, S.	CMR University	2008	249002	Physical Chemistry	General Ch
Prasad, M. N.V.	University of Hyderabad	1988	24419	Plant Biology & Botany	Environme Sciences
Goswami, B. N.	Cotton University	1974	28358	Plant Biology & Botany	Meteorolog Atmospher Sciences
Inderjit, I.	University of Delhi	1990	29638	Plant Biology & Botany	Agronomy Agriculture

Singh, J. S.	Banaras Hindu University	1975	30656	Plant Biology & Botany	Ecology
D'Souza, S. F.	Bhabha Atomic Research Centre	1977	31267	Plant Biology & Botany	Biotechnolo
Sahrawat, K. L.	University of Agricultural Sciences, Dharwad	1975	50259	Plant Biology & Botany	Agronomy Agriculture
Singh, Anil	Motilal Nehru National Institute of Technology Allahabad	1974	51671	Plant Biology & Botany	Agronomy Agriculture
Sharma, Vinod Prakash	Indian Institute of Technology Delhi	1967	54844	Plant Biology & Botany	Tropical M
Nautiyal, Chandra Shekhar	National Botanical Research Institute India	1981	55123	Plant Biology & Botany	Microbiolo
Sukumar, R.	Indian Institute of Science, Bengaluru	1988	63377	Plant Biology & Botany	Ecology
Mallick, Nirupama	Indian Institute of Technology Kharagpur	1989	64652	Plant Biology & Botany	Biotechnolo
Satheesh, Sreedharan K.	Indian Institute of Science, Bengaluru	1996	69086	Plant Biology & Botany	Meteorolog Atmospher Sciences
Rajeevan, M.	Ministry of Earth Sciences Government of India	1993	70262	Plant Biology & Botany	Meteorolog Atmospher Sciences
Balasubramaniam, R.	Indian Institute of Technology Kanpur	1991	74564	Plant Biology & Botany	Materials
Narayanan, P. R.	Tuberculosis Research Centre India	1983	75797	Plant Biology & Botany	Microbiolo
Singh, Sanjay	Indian Institute of Technology Banaras Hindu University	1990	81834	Plant Biology & Botany	Horticultui
Kumar, Dinesh	Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow	1984	96278	Plant Biology & Botany	Agronomy Agriculture
Pathak, Himanshu	ICAR – Indian Agricultural Research Institute, New Delhi	1996	100936	Plant Biology & Botany	Agronomy Agriculture

Sharma, Hari C.	Dr. Yashwant Singh Parmar University of Horticulture and Forestry	1982	101585	Plant Biology & Botany	Entomolog
Singh, Abhay K.	Central Institute of Mining and Fuel Research India	1991	116235	Plant Biology & Botany	Environme Engineerin
Jain, Sharad K.	National Institute of Hydrology India	1987	116475	Plant Biology & Botany	Environme Engineerin
Dev, Sukh	Malti-Chem Research Centre	1951	116984	Plant Biology & Botany	Toxicology
Agrawal, Madhoolika	Banaras Hindu University	1982	120238	Plant Biology & Botany	Environme Sciences
Vijayan, Mamannamana	Indian Institute of Science, Bengaluru	1969	136085	Plant Biology & Botany	Biochemist Molecular
Sharma, Vikash	UGC-DAE Consortium for Scientific Research India	1975	136583	Plant Biology & Botany	Pharmacole Pharmacy
Suryanarayanan, T. S.	Vivekananda Institute of Tropical Mycology	1981	141550	Plant Biology & Botany	Mycology ( Parasitolog
Ahemad, Munees	Aligarh Muslim University	2009	142289	Plant Biology & Botany	Environme Sciences
Aulakh, Milkha S.	Punjab Agricultural University	1976	143793	Plant Biology & Botany	Agronomy Agriculture
Dubey, Nawal Kishore	Banaras Hindu University	1983	163140	Plant Biology & Botany	Food Scien
Sridhar, Kandikere Ramaiah	Mangalore University	1984	168095	Plant Biology & Botany	Mycology & Parasitolog
Kulkarni, Anil V.	Indian Institute of Science, Bengaluru	1991	185303	Plant Biology & Botany	Geological Geomatics Engineerin
Sekhon, Bhupinder S.	PCTE Group of Institutes	1973	186766	Plant Biology & Botany	General Ch
Singh, S. K.	Pt. Ravishankar Shukla University	1983	193268	Plant Biology & Botany	Pharmacole Pharmacy
Jachak, Sanjay	National Institute of Pharmaceutical Education and Research, Mohali	1998	210738	Plant Biology & Botany	Medicinal & Biomolecul Chemistry

Roy, P. S.	International Crops Research Institute for the Semi-Arid Tropics	1985	220937	Plant Biology & Botany	Geological Geomatics Engineerin
Minhas, P. S.	ICAR – National Institute of Abiotic Stress Management, Baramati	1986	226131	Plant Biology & Botany	Agronomy Agriculture
Agrawal, Shashi Bhushan	Banaras Hindu University	1983	226461	Plant Biology & Botany	Environme Sciences
Singh, Ajay Kumar	ICAR – National Institute of Abiotic Stress Management, Baramati	1987	226730	Plant Biology & Botany	Mechanical Engineerin Transports
Chanda, Sumitra V.	Saurashtra University	1986	259302	Plant Biology & Botany	Medicinal & Biomolecul Chemistry
Balgir, Ranbir S.	Indian Council of Medical Research	1978	324283	Plant Biology & Botany	General & I Medicine
Subbarao, E. C.	Tata Research Development and Design Centre	1956	34755	Political Science & Public Administration	Plant Biolo Botany
Srivastava, Samir K.	Indian Institute of Management Lucknow	2004	92434	Political Science & Public Administration	Business & Manageme
Rudrapatnam, Tharanathan N.	Central Food Technological Research Institute India	1971	19201	Polymers	Food Scien
Madras, Giridhar	Indian Institute of Science, Bengaluru	1993	19447	Polymers	Chemical Engineerin
Singh, Narpinder	Guru Nanak Dev University	1987	36908	Polymers	Food Scien
Srivastava, A. K.	University of Lucknow	1969	38941	Polymers	Applied Ph
Anirudhan, T. S.	University of Kerala	1995	67528	Polymers	Chemical Engineerin
Pandey, Krishna K.	Institute of Wood Science and Technology (IWST), Bangalore	1997	84329	Polymers	Forestry
Singh, Harpal	All India Institute of Medical Sciences, New Delhi	1948	84785	Polymers	Agronomy Agriculture

Bahadur, Pratap	Veer Narmad South Gujarat University	1974	101730	Polymers	Chemical F
Mitra, Suman K.	Dhirubhai Ambani Institute of Information and Communication Technology	1953	137508	Polymers	Artificial Intelligence Processing
Satyanarayana, Kestur Gundappa	Poornaprajna Institute of Scientific Research	1973	149178	Polymers	Materials
Ray, Bankim Chandra	National Institute of Technology Rourkela	1991	151055	Polymers	Materials
Singh, R. S.	Punjabi University	1994	161650	Polymers	Biotechnolo
Gupta, Deepti	Indian Institute of Technology Delhi	1992	185156	Polymers	Materials
Jayakrishnan, A.	Indian Institute of Technology Madras	1981	192839	Polymers	Biomedical Engineerin
Mishra, Brahmeshwar	Indian Institute of Technology Banaras Hindu University	1987	195080	Polymers	Pharmacole Pharmacy
Panduranga Rao, K.	Chalapathi Institute of Pharmaceutical Sciences	1985	195814	Polymers	Biomedical Engineerin
Majumdar, Abhijit	Indian Institute of Technology Delhi	2000	208811	Polymers	Materials
Kothari, V. K.	Indian Institute of Technology Delhi	1974	211184	Polymers	Materials
Khanna, A. S.	The Society for Surface Protective Coatings	1982	219200	Polymers	Materials
Gupta, Santosh K.	University of Petroleum and Energy Studies	1971	220187	Polymers	Chemical Engineerin
Behera, B. K.	Indian Institute of Technology Delhi	1989	239602	Polymers	Materials
Gonsalves, Kenneth E.	Indian Institute of Technology Mandi	1983	254208	Polymers	Materials
Murthy, Z. V.P.	S. V. National Institute of Technology	1996	256973	Polymers	Chemical Engineerin
Pal, Dilipkumar	Guru Ghasidas Vishwavidyalaya	1999	259507	Polymers	Pharmacolo Pharmacy
Rawal, Amit	Indian Institute of Technology Delhi	2003	292851	Polymers	Materials

Jain, Sachin	National Institute of Technology Raipur	2001	352262	Polymers	Electrical & Electronic Engineerin
Tharyan, P.	Christian Medical College, Vellore	1998	209480	Psychiatry	General & I Medicine
Keeffe, Jill Elizabeth	L.V. Prasad Eye Institute India	1990	131989	Public Health	Ophthalmo Optometry
Fobi, Mathias A.L.	Mohak Bariatrics and Robotics Center	1979	169960	Public Health	Surgery
Thankappan, K. R.	Sree Chitra Tirunal Institute for Medical Sciences and Technology	1990	218661	Public Health	General & I Medicine
Sharma, S. K.	All India Institute of Medical Sciences, New Delhi	1986	41568	Respiratory System	Microbiolo
Chakrabarti, Arunaloke	Postgraduate Institute of Medical Education & Research, Chandigarh	1983	46616	Respiratory System	Microbiolo
Koul, Parvaiz A.	Sher-I-Kashmir Institute of Medical Sciences	1992	182578	Respiratory System	General & 1 Medicine
Mishra, P. K.	ICAR – Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora	1974	210594	Respiratory System	Agronomy Agriculture
Prathap, Gangan	A P J Abdul Kalam Technological University	1975	87558	Science Studies	Plant Biolo Botany
Guha, Ramachandra	Indian Institute of Science, Bengaluru	1989	236235	Social Work	History
Bhatnagar, Gaurav	Indian Institute of Technology Jodhpur	2008	240386	Software Engineering	Artificial Intelligence Processing
Vaze, Rahul	Tata Institute of Fundamental Research, Mumbai	2004	270642	Statistics & Probability	Networkin Telecommi
Jangid, R. S.	Indian Institute of Technology, Bombay	1993	32845	Strategic, Defence & Security Studies	Civil Engin
Sivakumar, Bellie	Indian Institute of Technology, Bombay	1998	47104	Strategic, Defence & Security Studies	Environme Engineerin

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Sinha, Sarita	National Botanical Research Institute India	1978	1978 70878 Strategic, Defence & Security Studies		Environme Sciences
Kumar, Jyant	Indian Institute of Science, Bengaluru	1994	85483	Strategic, Defence & Security Studies	Geological Geomatics Engineerin
Roberts, Terry A.	National Institute of Nutrition India	1965	96564	Strategic, Defence & Security Studies	Microbiolo
Sitharam, T. G.	Indian Institute of Science, Bengaluru	1987	102659	Strategic, Defence & Security Studies	Geological Geomatics Engineerin
Datta, Tushar Kanti	Indian Institute of Technology Delhi	1973	194428	Strategic, Defence & Security Studies	Civil Engin
Saraf, Arun Kumar	Indian Institute of Technology Roorkee	1988	195588	Strategic, Defence & Security Studies	Geological Geomatics Engineerin
Jain, Sudhir K.	Indian Institute of Technology Gandhinagar	1984	312918	Strategic, Defence & Security Studies	Civil Engin
Rai, Durgesh C.	Indian Institute of Technology Kanpur	1994	317477	Strategic, Defence & Security Studies	Civil Engin
Singh, B.	Himachal Pradesh University	1990	54861	Surgery	Polymers
Desai, Mahesh	Muljibhai Patel Urological Hospital	1997	78137	Surgery	Urology & Nephrolog
Elias, Elwyn	Christian Medical College, Vellore	1974	82002	Surgery	Gastroente: Hepatology
Chugh, Kirpal S.	Postgraduate Institute of Medical Education & Research, Chandigarh	1962	103077	Surgery	Urology & Nephrolog
Agarwal, Anil Kumar	Department of Paediatric Orthopaedics, Chacha Nehru Bal Chikitsalaya	1976	110041	110041 Surgery	
Shukla, Y.	Indian Institute of Toxicology Research	1985	5 60995 Toxicology		Oncology & Carcinoger
Kuttan, Ramadasan	Amala Cancer Hospital and Research Centre	1970	73999 Toxicology		Oncology & Carcinoger
Pari, Leelavinothan	Annamalai University	1997	1997 90255 Toxicology		Pharmacole Pharmacy

Mukherjee, Ashis Kumar Tezpur University		1996	96866	Toxicology	Biochemist Molecular
Chakraborti, Dipankar	' Ladaynır Liniversity L		111723	Toxicology	Environme Sciences
Misra, Ambikanandan	The Maharaja Sayajirao University of Baroda	1985	124915	Toxicology	Pharmacolo Pharmacy
Khuda-Bukhsh, Anisur Rahman	University of Kalyani	1978	133600	Toxicology	Compleme Alternative Medicine
Singh, Surender	All India Institute of Medical Sciences, New Delhi	1991	150047	Toxicology	Medicinal & Biomolecul Chemistry
Dhuley, J. N.	Hindustan Antibiotics Ltd.	1985	154265	Toxicology	Medicinal & Biomolecul Chemistry
Kaur, Indu Pal	Kaur, Indu Pal  University Institute of Pharmaceutical Sciences India		166533	Toxicology	Pharmacolo Pharmacy
Tripathi, Y. B.  Banaras Hindu University, Institute of Medical Sciences		1983	179473	Toxicology	Medicinal & Biomolecul Chemistry
Nalini, Namasivayam	•		180053	Toxicology	Pharmacolo Pharmacy
Choubisa, Shanti Lal National Institute of Medical Sciences, Jaipur		1983	214703	Toxicology	Environme Sciences
Johri, R. K.  Indian Institute of Integrative Medicine, Srinagar		1983	215432	Toxicology	Medicinal & Biomolecul Chemistry
Balakrishnan, Institute of Higher Kalpana Education and Research		2001	219347	Toxicology	General & I Medicine
Desai, J. D.  Indian Petrochemicals Corporation Limited		1974	231486	Toxicology	Biotechnolo
Rajshekhar, Christian Medical Vedantam College, Vellore		1988	41970	Tropical Medicine	Neurology Neurosurg
Singh, Sarman	All India Institute of Medical Sciences, New Delhi	1988	61485	Tropical Medicine	Microbiolo
Bhattacharya, Sujit K.	Glocal Hospital	1969	77995	Tropical Medicine	Microbiolo

Govindarajan, Marimuthu	Annamalai University	2005	87682	Tropical Medicine	Mycology & Parasitolog
Kumar, B.	Shalby Multi- Specialty Hospital	1975	96509	Tropical Medicine	Dermatolog Venereal D
Katoch, V.	Rajasthan University of Health Sciences	1979	104202	Tropical Medicine	Microbiolo
Uplekar, M.	Organisation Mondiale de la Santé	1984	106716	Tropical Medicine	Microbiolo
Subrahmanyam, M.	Miraj and General Hospital	1988	154794	Tropical Medicine	Emergency Critical Car Medicine
Bawaskar, Himmatrao Saluba	Bawaskar Hospital and Clinical Research Center	1977	204452	Tropical Medicine	General & 1 Medicine
Tiwari, Geetam	Indian Institute of Technology Delhi	1994	269595	Urban & Regional Planning	Logistics & Transporta
Kumar, Vinay	Punjabi University	1986	646062	Urology & Nephrology	Mining & Metallurgy
Nayak, Sukanta Kumar	North Orissa University	2001	151924	Veterinary Sciences	Fisheries
Sarin, Shiv Kumar	Institute of Liver and Biliary Sciences	1982	9150	Virology	Gastroente Hepatology
Kang, Gagandeep	Christian Medical College, Vellore	1992	100140	Virology	Microbiolo
Ghose, Tarun K.	Birla Institute of Scientific Research	1961	32811	Biotechnology	Biotechnolo
Ramachandran, G. N.	Indian Institute of Science, Bengaluru	1942	49588		
Keshaviah, P.	Himalayan Institute of Hospital Trust	1974	98267	Urology & Nephrology	Urology & Nephrolog
Bhagwat, Pravin	Indian Institute of Technology Kanpur	1993	183256	Networking & Telecommunications	Networkin Telecommi
Ramamurthy, T.	AngRon Geotech Pvt. Ltd.	Pvt. 1973 215180 Geological & Geomatics Engineering		Geological Geomatics Engineerin	
Halliyal, Arvind	Indian Institute of Science, Bengaluru	1980	235550	Materials	Materials
Nair, G. P.	Technocrat Society	1999	1853205	Materials	Materials
Seggregation of data					

Research (https://tech-talk.org/category/research/)

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### **Private and Confidential**

Dr Rajendra Pilankatta Dean, School of Medicine and Public Health Central University of Kerala Kasargod – 671316 India E-mail: grants@indiaalliance.org
Tel: Hyderabad :+91 40 4018 9445
New Delhi:+91 11 4100 8403

Our Ref: IA/CPHE/17/1/503345

03 August 2018

Dear Dr Pilankatta,

The Wellcome Trust/DBT India Alliance has agreed to award **Dr Elezebeth Mathews** an Early Career Fellowship for 60 months for her study entitled, "Cluster randomized controlled trial to evaluate the effectiveness of a community based intense lifestyle intervention program to prevent the progression to diabetes and facilitate the regression to normoglycaemia among women with isolated impaired fasting glucose in Kasaragod district, Kerala, India", under your sponsorship.

An award of up to ₹ 1,59,06,161.00 has been provided to the Central University of Kerala (hereinafter referred to as 'Host Institution') for this purpose.

The grant has been given a start date of <u>01 September 2018</u> and is intended to provide support as follows:

### **RING-FENCED FUNDS:**

	Total (₹)
Post 1 – Early Career Fellow	
Personal support for Dr Elezebeth Mathews (as per latest pay-slip submitted bv Dr Mathews)	10,58,820.00
Contribution towards Institutional Overheads	14,46,015.00
Sub Total (A)	25,04,835.00

### **TRANSFERABLE FUNDS:**

	Total (₹)
Staff salary support	
Post 2 – Program manager for 48 months	17,18,676.00
Post 3 – Field manager for 36 months	9,93,000.00

Mailing Address, Delhi
The Wellcome Trust/DBT India Alliance
1110, DLF Tower B, Jasola District Centre,
Mathura Road, New Delhi-110025

Regd. Office: The Wellcome Trust/DBT India Alliance Department of Biotechnology, C.G.O Complex,

Block 2, Lodhi Road, New Delhi-110 003

C+91-11-41008402,41008403

Post 4 – Data collectors for 6 months	15 00 000 00
(15 persons for 200 days at a cost of ₹500/day)	15,00,000.00
Flexible Funding Allowance	2,50,000.00
Travel To Meetings	,
Post 1 - Dr Elezebeth Mathews	7,50,000.00
Materials and Consumables	80,000.00
Equipment	
Laptop (3)	1,50,000.00
Multifunction printer (2)	30,000.00
TANITA body fat analyzer (1)	2,23,500.00
Electronic Weighing scale (1)	3,000.00
Electronic blood pressure monitors (4)	10,000.00
Waist circumference measuring tape (15)	52,500.00
Miscellaneous	76,40,650.00
Sub Total (B)	1,34,01,326.00
GRAND TOTAL (A+B)	₹1,59,06,161.00

The following details along with the enclosed **Award Conditions**, outline the framework in which the Fellowship will operate.

- 1 Terms
- 2 Costs
  - 2.1 Ring-Fenced Funds
  - 2.2 Transferable Funds
- 3 Acceptance
- 4 Payment
- 5 Reports
  - 5.1 Annual
  - 5.2 End-of-Fellowship
- 6 Fellows' Title
- 7 Publications from Fellowship
- 8 Mid-term Review Process

- 9 Mentorship Requirement
- 10 IP arising from the Fellowship
- 11 Award Extension
- 12 Other Fellowships and Grants
- 13 Variation and Termination of Fellowship
- 14 Statement on Equality and Diversity
- 15 Managing reputational risks
- 16 Fellows' Meetings
- 17 Application Reviews
- 18 Contact

### 1 Terms of the awards

### 1.1 Terms for the activation of the Award

This award must be activated no later than **01 September 2018**.

### (a) Mentorship requirement

The India Alliance recognizes the value of good mentorship for its Fellows. Therefore, each Fellow is required to identify a suitable Mentor. This is a mandatory requirement for the Early Career Fellowship. A letter of agreement from the Mentor will be required for initiating the award, which must reach the Office before the start date of the Fellowship. (See Award Condition 8).

The Office has received letters from Dr K R Thankappan of Sree Chitra Tirunal Institute for Medical Sciences and Technology, Dr Nihal Thomas of Christian Medical College, Vellore, Professor Brian Oldenburg of University of Melbourne, Professor K M Venkat Narayan of Emory University and Professor David Guwatudde of Makerere University. They have agreed to be a Mentor on Dr Mathews' Early Career Fellowship award.

Since Mentor's role is carefully scrutinized during the tenure of the Fellowship, Dr Matherws is expected to update the status of Mentor on annual basis.

### (b) Ethics Approvals

The India Alliance has noted that Dr Mathews' studies would involve participation of Human subjects. It is important that appropriate ethical approvals are obtained before any experiments requiring Human participation are initiated. We have received an undertaking from the Sponsor confirming that Dr Mathews would not undertake any human experiments unless she submits the ethics approval to the India Alliance.

It is expected that once the appropriate ethical approvals are obtained, the Fellow would provide a copy to the office in required format. For further details on submission of ethics approvals, please refer to <a href="http://www.indiaalliance.org/fellows-corner">http://www.indiaalliance.org/fellows-corner</a>.

Please note that the India Alliance office withholds the right to release funds based on the documentation received in this matter.

### (c) Other grants

The India Alliance has noted that Dr Mathews has submitted two grant applications as co-PI to Department of Biotechnology, the decisions on which are currently pending. She is required to keep this office informed as and when a decision is made on these applications. According to our award conditions, as an Early Career Fellow, Dr Mathews is required to spend at least 90% of her research time on India Alliance fellowship project.

### 1.2 Terms for monitoring and evaluation of the progress made on the award

The India Alliance will evaluate the Fellow's progress during the tenure of their India Alliance Fellowship. Consequently, continuation of the India Alliance funding after third year of the Fellowship will be contingent upon a satisfactory review of the progress made during the first half of the Fellowship (See Award Condition 7).

It is a condition that the Host Institution will administer the Fellowship in accordance with the purposes for which it has been awarded and under the terms set forth in the India Alliance's **Award Conditions (enclosed)**. An updated version of the Award Conditions is also available on our website.

It is incumbent on the Host Institution and the Fellow to be familiar with our Award Conditions and policies, and comply with them during the tenure of the award.

### 2 Costs on the Award

This award provides funding for directly incurred costs on the Fellowship, including its associated research project. Directly incurred costs are actual costs; that are explicitly identifiable as arising from the conduct of a project (e.g. staff salaries, equipment, materials, travel). These costs are charged as the cash value actually spent, and are supported by an auditable record. The award is cash-limited; supplementary funding will only be provided in exceptional and specific circumstances.

The award is divided into two primary types of funds: (1) ring-fenced and (2) transferable. Ring-fenced funds may be used only for the purpose(s) as indicated in this letter.

### 2.1 Ring-Fenced Funds

### 2.1.1 Personal Support for the Fellow

The India Alliance's contribution to personal support is determined as follows.

Each Fellowship has a set level of personal support as detailed on our website.

The level set for the India Alliance's Early Career Fellows is currently, ₹ 13,44,000 per annum. This level has been calculated as follows: a basic salary of ₹ 5,64,000 per annum, allowances amounting to 60% of this salary, an additional Fellowship enhancement of 20%. Additionally, a Non practicing allowance amounting to 25% of the basic salary and an Academic Clinical allowance fixed at ₹ 1,20,000 per annum is provided.

If the Fellow does not have a salaried position at the Host Institution, the India Alliance will pay the entire sum to the level set for the requisite Fellowship.

If the Fellow has a position at the Host Institution that provides a salary, the India Alliance will provide a top-up to meet the requisite level. The amount of top-up is calculated based on the salary certificate or contract of employment provided by the Fellow. Please note that the salary will be revised for each installment based on the April salary pay slip or latest pay slip for the same financial year and will be fixed for the financial year. No interim adjustments will be made to the salary during the financial year. Any revisions in salary at the Host Institution during the financial year will only be considered for the next installment in the next financial year.

If the Host Institution's contributions to the Fellows personal support exceeds the India Alliance's set level, no personal support will be provided.

Based on our understanding, Dr Mathews currently receives salary support from the Host Institution. The India Alliance's contribution therefore, was calculated based on the documentation provided by the Host Institution.

### 2.1.2 Contribution towards Institutional Overheads

A contribution towards institutional overheads has been provided in this award and is calculated as 10% of the total funds. These costs should be applied in such a way that they support the Fellow's research, e.g. by contributing to costs for laboratory infrastructure, utilities, or administrative support relating to the research. It is expected that charges made against this heading must be based on the actual expenditure incurred on the research funds on the fellowship and not on the allocations described on the payment profile and at no point should exceed the amount provided for this purpose. The interest earned by the Host Institution on the India Alliance funds will be adjusted annually from the institutional overheads.

### 2.1.3 Overseas Allowances when working outside the Host Institution

Where Fellows have requested to undertake their research outside their Host Institution, they are provided with a subsistence allowance (\$ 3000/month; revised as per the prevailing conversion rate at the time of release of funds; fluctuations in the currency conversion rates will not be accommodated once funds are released) and travel allowance (₹ 1,50,000). The total amount specified in this ring-fenced category may be used flexibly, at the Fellow's discretion, to cover any reasonable costs associated with relocating and working overseas. Transfer of funds for overseas activities would have to be undertaken by the Fellow's Host Institution.

### 2.2 Transferable Funds

Budgets detailed under 'Transferable funds' are indicative only and movement of funds between budget headings is allowed. Fellows are provided the flexibility to use 'Transferable Funds' as required for the pursuit of their Fellowship research goals. There are two exceptions:

a) Funds may not be used to purchase, maintain or perform procedures on animals not included in the award letter. Permission from the India Alliance office must be obtained prior to implementation of any changes.

b) Fellows may not support any additional posts without prior permission from the India Alliance.

### 2.2.1 Research Staff

It is expected that the contract of employment of any staff associated with the award should not extend beyond the end of the Fellowship. All postdoctoral staff supported on the Fellowship must be paid as per the revised salaries indicated under <u>costing policy on our website</u>. The administration of these funds must be carried out within the rules of the Host Institution. The India Alliance reserves the right to periodically review and revise its provision for postdoctoral staff's personal support.

### 2.2.2 Flexible Funding Allowance

The Flexible Funding Allowance (FFA) is intended to increase financial flexibility available to Fellows, and to simplify Fellowship administration. The FFA can be used to meet unanticipated directly incurred costs that would assist in meeting the goals of the Fellowship research. This includes, but is not limited to, publication costs, travel and training fees for research staff, and other miscellaneous costs.

### 2.2.3 Travel to Meetings

These funds are for attendance to scientific meetings, or for short working visits to other laboratories, for the Fellow and any staff employed on the Fellowship. It is a matter for the Fellow to decide as and when the funds should be used. Visits to the India Alliance office and for India Alliance events are expected to be funded from this budget.

### 2.2.4 Materials & Consumables, Equipment and Animals

Funds provided for materials, consumables, equipment and animals are also transferable. Animals purchased, maintained and/or used for the research purposes cannot exceed the number requested in the Fellowship.

### 3 Acceptance

To accept this award and activate the Fellowship, a completed **Grant Start Certificate** (attached) must be submitted to the India Alliance Office by **20 August 2018**. The Fellowship cannot be activated until this confirmation has been received. The India Alliance will not accept liability for any expenses incurred on the Fellowship until a signed Grant Start Certificate has been returned.

When accepting this Award of Fellowship, the Host Institution recognizes that the undertakings given by the Institution and others at the time of signing the Full Application Form are "conditions precedent" and the Host Institution will ensure that they, their agents, employees and students will continue to abide by the undertakings given throughout the lifetime of the Fellowship.

Copies of this letter and the notes should be forwarded to all the relevant persons in the Host Institution.

### 4 Payment

All payments on the award will be made electronically via bank transfer. A **Payment Details Form** (attached) should be filled by the Host Institution and returned to the India Alliance Office by **20 August 2018.** 

The India Alliance will provide funds pro-rata on a yearly basis following the financial year (1 Apr – 31 Mar) cycle. Equipment cost will be released in equal payments in the first two installments, unless specified by the Fellow. All other ring-fenced and transferable funds will be released in yearly installments. A provisional payment profile of the disbursements will be released by our Finance department, at the time of release of payments.

2% of total transferable funds are withheld from the last but one installment. Release is subject to receipt of the End-of-Fellowship Research Report and Spend Report. (See 6.2)

The first two installments will be released in whole, regardless of the amount spent by the Fellow. From the third installment onwards, if any amount from the previous year is unspent, this will be carried forward and the balance will be adjusted against the next installment.

### 5 Reports

The India Alliance requires Research and Spend Reports from the Fellow and the Host Institution, annually and at the end of the Fellowship.

### 5.1 Annual

Research Report: To monitor research progress made during the year; to be submitted by the Fellow and to be received by 30 November, unless specified otherwise by the India Alliance Office. A communication specifying the format of the report will be sent by the Office.

Spend Report: To enable the release of next installment of payment; to be submitted by the Host Institution. A form will be sent by our Finance team towards the end of the financial year. This report must be received latest by 31 May and should detail all the expenditure undertaken on the Fellowship up to 31 March. The Annual Spend Reports would also have to include a pay slip indicating gross salary of the Fellow for the preceding financial year.

Funds for the next installment will not be released until a complete 'Spend Report' is received by the India Alliance. The India Alliance will not be responsible for any delays in the release of funds if the Spend Report is not submitted in time.

### 5.2 End-of-Fellowship

Research Report: To highlight research milestones and other accomplishments during the tenure of the Fellowship; to be submitted by the Fellow.

Audited Spend Report: To indicate all the expenditures incurred on the Fellowship during its tenure; to be submitted by the Host Institution.

The India Alliance will not release the eligible retained transferable funds (based on actual expenditure incurred) unless these reports reach the office within three months of the end of

Fellowship. The Fellow and the Host Institution would be informed about the formats for the final reports. [Also see Award Conditions 2, 4 and 6]

- 6 Fellows' Title: See Award Condition 1
- 7 Publications from Fellowship: See Award Condition 6
- 8 Mid-term review process: See Award Condition 7
- 9 Mentorship Requirement: See Award Condition 8
- 10 IP arising from the Fellowship: See Award Condition 9
- 11 Award Extension: See Award Condition 11
- 12 Other Fellowships and Grants: See Award Condition 12
- 13 Variation and Termination of Fellowship: See Award Condition 14
- 14 Statement on Equality and Diversity: See Award Condition 15
- 15 Managing reputational risks: See Award Condition 16

### 16 Fellows' Meetings

The India Alliance will periodically organize meetings for all its Fellows. Information on the meetings will be made available well in advance and attendance by the Fellow is mandatory.

### 17 Application Reviews

The India Alliance application process relies on the co-operation of the scientific community in providing referees' comments on proposals, and the Fellow's success with this application is partly due to the goodwill of scientists in providing comments. As a holder of an India Alliance Fellowship, the Fellow is, therefore, expected to undertake review of research proposals submitted to the India Alliance upon request.

### 18 Contact

The India Alliance staff would be glad to meet with the Fellows at any time, either at their laboratory or at the India Alliance offices in Hyderabad or Delhi. These visits would be to ensure that a good working relationship is built between the India Alliance, Fellow and the Host Institution.

For further clarifications regarding the Fellowship, please write to: <a href="mailto:grants@indiaalliance.org">grants@indiaalliance.org</a>.

Best wishes.

Madhavan Chalat, PhD

Cc: Dr Elezebeth Mathews

The Wellcome Trust / DBT India Alliance
Mr Nataraj Bollam (Finance Manager)
Dr Suveera Dhup (Grants Manager)

Encl: Award Conditions

Payment Details Form Grant Start Certificate



### Central University of Kerala

Tejaswini Hills, Periya (P.O), Kasaragod (Dist.), Kerala - 671 316.



### National Science Day Celebration-2019

Science for People and People for Science

Communicating Science for All

### CERTIFICATE

This is to certify that **M.S. Joyous 7 Joseph**, Research Scholar, Department of Plant Science, CUK has participated in the "Research Scholar research work oral presentation" and won First prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

Prof. (Dr.) G. Gopa Kumar Vice Chancellor

Central University of Kerala

4.8

Dr. A. Sakthivel Convener National Science day celebration 2019



### CONVERGING TECHNOLOGIES FOR HUMAN WELFARE International Symposium

Biotechnology, Nanotechnology and Information Technology – Concept to Common Life

DEPARTMENT OF BIOTECHNOLOGY, MAR IVANIOS COLLEGE (AUTONOMOUS) Thiruvanathapuram - 15 Organized by



## **BEST POSTER PRESENTATION AWARD**

PALLAVI S NAIR

for their paper entitled Influence of Rhizobiuro legunoinosauum on Anabidopsis thaliana

Concept to Common Life" organized by the Department of Biotechnology, Mar Ivanios College (Autonomous), Thiruvananthapuram on 2nd July 2019 in the "International Symposium on Converging Technologies For Human Welfare: Biotechnology, Nanotechnology and Information Technology

Onvener

Dr. DEEPTHY ALEX
Head of the Department

Dr. K. I. GEORGEE



### DEPARTMENT OF BOTANY

(UGC-SAP & DST-FIST Sponsored Department)

### **International Conference on**

RECENT SCENARIO IN PLANT SCIENCE RESEARCH-CLIMATE CHANGE AND ITS ASSOCIATED VARIATIONS (ICRSPSR - 2018)

March 23 - 25, 2018

	This is to	certify that 90	Ar./Ms./Dr	≡ <i>Certif</i> alaykuma	icate =	AL UN	VERSITY	KERALA
	CONFERENCE VARIATIONS (	ON RECENT	SCENARIO IN 18)" organized	PLANT SCIENCE  by the Departments 24 of 2018	E RESEARCH-	CLIMATE CHA	NGE AND ITS	ASSOCIATED
R	Tamil Nadu - O  Dr. R. SRIDHARAN Organising Secretary	Dr. D. DHANAVEL Organising Secretary	Dr. A. VENKATESAN Organising Secretary	Dr. L. MULLAINATHAN Organising Secretary	Dr. V. VENKATESALU Prof. & Head	Dr. S. KABILAN Dean Faculty of Science	Dr. K. ARUMUGAM Registrar (vc)	Dr. S. MANIAN Vice-Chancellor

### SB/S9/Z-03/2017-IV (2018-19) Science and Engineering Research Board

(A Statutory Body under Department of Science and Technology)

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

Dated 22-10-2019

### ORDER

Subject: - Faculty travel under First edition of SERB Purdue University Overseas Visiting Doctoral Fellowship 2018-19 Supported by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India and Purdue University, West Lafayette, USA – Release of grant to Dr. Jasmine M Shah, Central University of Kerala, Tejaswini Hills, Periye Post, Kasaragod, Kerala-671316.

In continuation to SERB's sanction order of even number dated 21.12.2018 approval of the Science and Engineering Research Board (SERB) is hereby accorded for the faculty visit of Dr. Jasmine M Shah, Central University of Kerala, Tejaswini Hills, Periye Post, Kasaragod, Kerala- 671316 at a sum of Rs.2,23,010/- (Rupees two lakh twenty three thousand ten only) to undertake 19 days research visit at Purdue University, West Lafayette, Indiana, USA in collaboration with Prof. Stanton B Gelvin from 18.10.2019 to 05.11.2019.

- 2. Sanction of the **Science & Engineering Research Board (SERB)** is here by accorded for the payment of a sum of **Rs.2,08,398/- (Rupees two lakh eight thousand three hundred ninety eight only)** to Dr. Jasmine M Shah. The amount Rs.2,08,398/-, includes Travel fare of Rs.76,891/- and 90% of (Subsistence Allowance + Accommodation Charges+ Contingencies and related travel cost) i.e Rs.1,31,507/-.
- 3. Sanction of the grant is subject to the availability of funds and terms and conditions as specified by SERB from time to time and Memorandum of Understanding between Purdue University, USA and SERB, India.
- 4. The sanction has been issued with the approval of the competent authority in SERB vide Dy. No. SERB/F/**5668**/2019-20 dated 21.10.2019.
- 5. The amount of Rs. 2,08,398/- (Rupees two lakh eight thousand three hundred ninety eight only) will be drawn by the Under Secretary of the Board and will be disbursed to The Registrar, Central University of Kerala, Tejaswini Hills, Periye Post, Kasaragod, Kerala-671 316 by means of RTGS transaction as per Institute account details given below:

Bank Name	CANARA BANK			
Branch Name	CANARA BANK, PERIYE, PERIYE P.O., KASARGOD (DT),			
	KERALA PIN - 671316			
Account Name	CENTRAL UNIVERSITY OF KERALA			
Account Number	0711101068500			
IFSC Code	C Code CNRB0004111			
Email	financeofficer@cukerala.ac.in			

6. Central University of Kerala should ensure the timely transfer of grant received under the faculty visit to Dr. Jasmine M Shah for undertaking the research visit.

- 7. The expenditure involved is debitable to Grants-in-aid for the year 2019-2020 (Plan Expenditure - General) This release is being made under Overseas Visiting Doctoral Fellowship Scheme.
- The faculty shall submit the final account details including accommodation receipts, boarding pass/es and technical report as per format to SERB immediately after the research visit duration is over.
- The Indian Institute will maintain separate audited accounts for the fellowship. If it is 9. found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to SERB.
- 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.
- The Institute will furnish to the SERB, Utilization Certificate and Statement of 11. Expenditure pertaining to the grant as per SERB format.
- After completion of the research visit unspent balance if any should be returned as 12. Demand Draft drawn in favor of "Fund for Science and Engineering Research" payable at New Delhi.

(Dr. Praveenkumar S) -Scientist 'E'

Copy forwarded for information and necessary action to:

- The Principal Director of Audit, III Floor, A.G.C.R Building, I.P Estate, New Delhi -110002.
- Under Secretary, SERB (2 copies) 2.
- 3. Ms. Nivya Vijaya Mohan

Central University of Kerala, Kasaragod, Kerala- 671316

Email: vmnivya@gmail.com

Dr. Jasmine M Shah

Central University of Kerala, Kasaragod, Kerala- 671316

Email: jasmine@cukerala.ac.in

The Registrar

Central University of Kerala, Kasaragod, Kerala- 671316

Ms. Heidi Arola

Managing Director of Global Partnerships India Engagement Coordinator, Office of Corporate and Global Partnerships Purdue University, West Lafayette, USA Email: harola@purdue.edu

- Sanction folder SERB 7.
- **SERB Secretariat**

(Dr. Praveenkumar S) Scientist `E`



# PROF. T.V. DESIKACHARY BIRTH CENTENARY INTERNATIONAL

## SYMPOSIUM ON BIODIVERSITY, BIOLOGY AND



08 -10, January 2020

University of Madras, Guindy Campus, Chennai - 600025 Centre for Advanced Studies in Botany

### Certificate

(ISBBBA-2020) organized by the Centre for Advanced Studies in Botany, University of Madras, Chennai Centenary International Symposium on Biodiversity, Biology and Biotechnology of Algae HAS RECEIVED FIRST BEST ORAL PRESENTATION in the Prof. T. V. Desikachary Birth DEPARTMENT OF PLANT SCIENCE , CENTRAL UNIVERSITY OF KERALA, KERALA has participated This is to certify that Prof./Dr./Mr./Ms...VMASHREE.V.R...

Assistant Professor
Organizing Secretary, ISBBBA-2020

during 08th - 10th January 2020.

Prof. N. MATHIVANAN
Director & Head, CAS in Botany
Chairman, ISBBBA-2020





### Re: ChangeInnoSWConference2019 - Bursary Application Result (Dr Laxmi Putran)

2 messages

hkswconf2019 < hkswconf2019@connexustravel.com> To: laxmi@cukerala.ac.in Fri, May 31, 2019 at 5:10 PM



International Conference on

Change and innovation for a Better World: The Future of Social Work Profession

> JUNE 27-29, 2019 HONG KONG Grand Hall, HKU

Internal Ref: B16 Registration No. R0278 Dear Dr Laxmi Putran,

### Confirmation of Bursary Award

It is our great pleasure to inform you that your application for the bursary of the 2019 International Conference on "Change & Innovation for a Better World" is successful. An amount of HK\$2,000 will be disbursed to you on the first day of conference (27/6/2019) by showing this confirmation letter and your identity card at the bursary registration counter.

For any enquiries, please send email to: hksaw@hkswa@org.hk.

Best wishes and look forward to seeing you in Hong Kong.

Yours sincerely,

Organizing Committee 2019 International Conference

Dr.Laxmi Putran <a href="mailto:laxmi@cukerala.ac.in">laxmi@cukerala.ac.in</a>
To: hkswconf2019 <a href="mailto:hkswconf2019@connexustravel.com">hkswconf2019@connexustravel.com</a>

Sat, Jun 1, 2019 at 5:15 PM

Thank you so much for the great news!
Dr. Laxmi
Assistant Professor
School of Social Sciences, Department of Social Work
केरल केन्द्रीय विश्वविद्यालय। Central University of Kerala
तेजस्विनी हिल्स, पेरिया डाकघर। Tejaswini Hills, Periye PO
कासरगोड - ६७१३१६। Kasaragod - 671 316
Kerala (India) केरल (भारत)
Phone: (O) 0467-2233372, (M) +91-9448725750

[Quoted text hidden]

342



### Re: ChangeInnoSWConference2019 - Bursary Application Result (Dr Mohan A K)

2 messages

hkswconf2019 <hkswconf2019@connexustravel.com> To: mkunder74@gmail.com

Fri, May 31, 2019 at 5:09 PM



Internal Ref: B15 Registration No. R0277 Dear Dr Mohan A K,

### Confirmation of Bursary Award

It is our great pleasure to inform you that your application for the bursary of the 2019 International Conference on "Change & Innovation for a Better World" is successful. An amount of HK\$2,000 will be disbursed to you on the first day of conference (27/6/2019) by showing this confirmation letter and your identity card at the bursary registration counter.

For any enquiries, please send email to: <a href="https://hkswa@org.hk">hkswa@org.hk</a>.

Best wishes and look forward to seeing you in Hong Kong.

Yours sincerely,

Organizing Committee 2019 International Conference

mohan kunder <mkunder74@gmail.com>
To: hkswconf2019 <hkswconf2019@connexustravel.com>

Thank you for the scholarship. I am very delighted. [Quoted text hidden]



noname 72K Sat, Jun 1, 2019 at 4:58 PM



### Re: ChangeInnoSWConference2019 - Bursary Application Result (Mr Anoop Choolayil)

3 messages

hkswconf2019 <a href="hkswconf2019@connexustravel.com">hkswconf2019@connexustravel.com</a> To: anoopcchoolayil@gmail.com Fri, 31 May 2019 at 5:00 pm



### International Conference on

Change and Innovation for a Better World: The Future of Social Work Profession

JUNE 27-29, 2019

**HONG KONG** 

Grand Hall, HKU

Internal Ref: B7 Registration No. R0279 Dear Mr Anoop Choolayil,

### Confirmation of Bursary Award

It is our great pleasure to inform you that your application for the bursary of the 2019 International Conference on "Change & Innovation for a Better World" is successful. An amount of HK\$2,000 will be disbursed to you on the first day of conference (27/6/2019) by showing this confirmation letter and your identity card at the bursary registration counter.

For any enquiries, please send email to: hksaw@hkswa@org.hk.

Best wishes and look forward to seeing you in Hong Kong.

Yours sincerely,

Organizing Committee 2019 International Conference







### Centre for International Film Research & Archives (CIFRA)

Sathyan Memorial Building Kinfra Film & Video Park, Sainik School P.O. Kazhakuttom, Thiruvananthapuram - 695 585

Tel: +91 471 2756622, 2755322

Fax: +91 471 2754422

email: office@keralafilm.com

website: www.keralafilm.com

Kerala State Chalachitra Academy

No. KSCA/B/855/2020

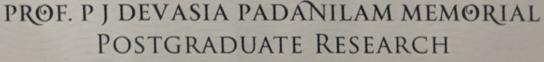
27.10.2020

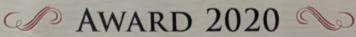
സ്വീകർത്താന്

Anjana K.S. Krishna Bhavan, Manampuzha P.O, Ezhammile, Kollam - 691553.

വിഷയം:- കോള സംസ്ഥാന ചലച്ചിത്ര അക്കാദമി ഫെലോഷിച്ച് 2020 നിബന്ധനകളും നിർദേശങ്ങളും - സംബന്ധിച്ച്

ചലച്ചിത്ര ഗവേഷണം പ്രോത്സാഹിപ്പിക്കുന്നതിനായി കേരള സംസ്ഥാന ചലച്ചിത്ര അക്കാദമി ഏർപ്പെടുത്തിയ 2020 ലെ ഫെലോഷിപ്പ് താങ്കൾക്ക് അനുവദിച്ച വിവരം സസന്തോഷം അറിയിക്കുന്നു. താങ്കൾക്ക് ചലച്ചിത്ര അക്കാദമിയുടെ അഭിനന്ദ്രനങ്ങൾ. 50,000/- രൂപയാണ് ഫെലോഷിപ്പ് തൂക. ആറുമാസമാണ് ഗവേഷണ കാലാവധി





### CERTIFICATE

We have the honour to certify that

Mr. Jorlin Jose,

PG Research Scholar, Central University of Kerala, Kasaragod, has secured the THIRD place in the Prof. P J Devasia Padanilam Memorial MA Dissertation Competition conducted for the year 2020.



Dr. Jacob Mathew M

Prof. P J Thomas
HoD, English

Prof. Josy Joseph

Form 1





### F.No.1-31/2016-PN.II

### **Government of India**

### Ministry of Human Resource Development Department of Higher Education

(PN.II Section)

Room No. 519-C, Shastri Bhawan New Delhi, dated the 17<sup>th</sup> May, 2016

To,

The Pay and Accounts Officer
Pay and Accounts Office,
Ministry of Human Resource Development,
Department of Higher Education,
Shastri Bhawan,
New Delhi.

Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 1,55,00,000/- (Rupees one crore and fifty five lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

- 2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 003 Training, 02 National Mission on Teacher & Teaching (NMTT), 02.01.31 Grants-in-aid General under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).
- The release of the grant is subject to following terms & conditions:-
- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of sent Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.
- 4. The release of grant is further subject to the following conditions:-
- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of the Institute. The release of grant would further be subject to observance of General

अंवर सचिव/Under Secretary भारत सरकार/Govt. of India मानव संस्ताधन विकास मंत्रातव Min. of Human Resources Dev. , नई दिल्ली/New Delhi

1 !

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations shall be open to inspection the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the. provision of CAG (DPC) Act 1971 and Internal Audit by the Principal Accounts Office of the Ministry/Department whenever the institution or organization is called upon to do so.

- 5. The amount of Rs. 1,55,00,000/- (Rupees one crore and fifty five lakh only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-in-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Savings Account No. 0711101068500, MICR Code - 671015053, IFSC Code -CNRB0004111, Branch Canara Bank, Periye, Distt. Kasargod, Kerala.
- 6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.
- 7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.
- In future, grants will be released to the Institute only after the Institute has satisfied the Ministry 8. that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.
- The Institute shall fully implement the Official language Policy of the Union Government i.e. the 9. Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposed of the Union) Rules, 1976, etc.
- The accounts shall be open to check by an Officer deputed by the Government or of the State 10. Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.
- The Sanction ID and e-bill has been generated. 11.

Yours faithfully,

Under Secretary to the Tel No. 1 611123382593

Good / New Delhi

### Copy forwarded to:-

- Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File

(रजनी (रजनी)
(RAJNI TANEJA)
अवर सचिव/Under Secretary
भारत लरकार/Govt. of India
मानय संसाधन विकास मंत्रालय
Min. of Human Resources Dev.
नई दिल्ली/New Delhi

110

### F.No.1-31/2016-PN.II Government of India Ministry of Human Resource Development Department of Higher Education (PN.II Section)

Room No. 519-C, Shastri Bhawan New Delhi, dated the 17th May, 2016

The Pay and Accounts Officer Pay and Accounts Office, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi.

Payment of Grant-in-Ald Plan to Central University of Kerala for setting up of Subject: School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

Sir,

I am directed to convey the sanction of the President of India for the payment of Rs. 30,00,000/-(Rupees thirty lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

- The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 789 - Special component plan for SCs, 17 - National Mission on Teacher & Teaching (NMTT), 17.01.31 - Grants-in-aid General under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).
- The release of the grant is subject to following terms & conditions:-3.
- The Institute will start the project immediately after receipt of grant-in-aid from the Ministry (i)
- While undertaking the above project, the Institute will fully utilize their expertise in implementing (ii) the objectives of the above mentioned Scheme
- The Institute will ensure due diligence while executing the project under the Scheme (iii)
- The Head of the Institute receiving the grant and project Head will also be responsible for (iv) ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- Further release of funds, if any, shall be subject to satisfactory progress in the implementation (v) of the Project as indicated by achievement of sent Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.
- The release of grant is further subject to the following conditions:-4.
- The amount sanctioned should be utilized for the purpose for which it is sanctioned, (i) Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- The grant is subject to adjustment on the basis of audited statement of accounts of (ii) the Institute. The release of grant would further be subject to observations General

ANI TANEJA) प्यर सचिव/Under Secretary भारत सरकार/Govt. of India मानव संसाधन विकास मंत्रालय Min. of Human Resources Dev. नर्व विरसी/New I

Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and Internal Audit by the Principal Accounts Office of the Ministry/Department whenever the institution or organization is called upon to do so.

- 5. The amount of Rs. 30,00,000/- (Rupees thirty lakh only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-in-aid Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code 671015053, IFSC Code CNRB0004111, Branch Canara Bank, Periye, Distt. Kasargod, Kerala.
- 6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.
- 7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.
- 8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.
- 9. The Institute shall fully implement the Official language Policy of the Union Government i.e. the Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposed of the Union) Rules, 1976, etc.
- 10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.

11. The Sanction ID and e-bill has been generated.

Yours faithfully,

(Rajni Taneja)

Under Secretary to the Govt of India Tel No. 11 1 1 2 3 3 8 2 5 9 3 notes

Min. of Human Resources Dev.

### Copy forwarded to:-

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File

(RAJNI TANEJA) अवर राधिव/Under Secretary भारत संस्थार/Govt. of India मानय पंताधन विकास मंत्रालय Min. of Human Resources Dev. नर्थ विल्ली/New Data

### F.No.1-31/2016-PN.II Government of India Ministry of Human Resource Development Department of Higher Education (PN.II Section)

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Room No. 519-C, Shastri Bhawan New Delhi, dated the 17<sup>th</sup> May, 2016

The Pay and Accounts Officer
Pay and Accounts Office,
Ministry of Human Resource Development,
Department of Higher Education,
Shastri Bhawan,
New Delhi.

Subject: Payment of Grant-in-Aid Plan to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

Sir,

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I am directed to convey the sanction of the President of India for the payment of Rs. 15,00,000/(Rupees fifteen lakh only) under Plan Head to Central University of Kerala for setting up of School of Education under the Scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during the financial year 2016-17.

- 2. The expenditure on this account is debitable to Major Head "2202" General Education, Sub-Major Head 80- General, Minor Head 796 Tribal area sub plan, 19 National Mission on Teacher & Teaching (NMTT), 19.01.31 Grants-in-aid General under Demand No. 52, Department of Higher Education for the year 2016-17 (Plan).
- The release of the grant is subject to following terms & conditions:-
- (i) The Institute will start the project immediately after receipt of grant-in-aid from the Ministry
- (ii) While undertaking the above project, the Institute will fully utilize their expertise in implementing the objectives of the above mentioned Scheme
- (iii) The Institute will ensure due diligence while executing the project under the Scheme
- (iv) The Head of the Institute receiving the grant and project Head will also be responsible for ensuring that the project sanctioned yide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and financial targets, outputs and outcomes
- (v) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of sent Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.
- 4. The release of grant is further subject to the following conditions:-
- (i) The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Project Approval Board.
- (ii) The grant is subject to adjustment on the basis of audited statement of accounts of Institute. The release of grant would further be subject to observance.

आवे पश्चिम/Under Secretary भारत सरकार/Govt. of India मानव रांसाधन विकास मंत्रालय Min. of Human Resources Dev. Financial Rules 2005 and financial and accounting policies in this regard. Further, the accounts of the Institute in so far as it relates to grants will be open for test check by Comptroller and Auditor General of India or by any officer designated by him. The accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and Internal Audit by the Principal Accounts Office of the Ministry/Department whenever the institution or organization is called upon to do so.

- 5. The amount of Rs. 15,00,000/- (Rupees fifteen lakh only) shall be drawn by the Drawing and Disbursing Officer (Grants), Ministry of Human Resource Development (Department of Higher Education) New Delhi on the prescribed performa of Grant-in-ald Bill by presenting to Pay & Account Officer and pay to the institution and payment remitted directly to the grantee's Canara Bank Savings Account No. 0711101068500, MICR Code 671015053, IFSC Code CNRB0004111, Branch Canara Bank, Periye, Distt. Kasargod, Kerala.
- 6. This sanction has been accorded under power vested in this Ministry in concurrence with the Integrated Finance Division of this Ministry vide their Dy. No 1596/2016 dated 26.04.2016 and certified by IF-I Section vide their Dy. No. 82/16-IF.I dated 06.05.2016. It is certified that the pattern of assistance under the scheme of Financial Assistance has the prior approval of the Ministry of Finance, Government of India. It is also certified that this grant is being released in conformity with the rules and principles of the scheme.
- 7. The requirements of the production of Utilization Certificate in respect of the grants already sanctioned by the Government of India should be fulfilled to the satisfaction of the Government. The Institute shall furnish Utilization Certificate immediately after the close of the first project year. No previous UC pertaining to this Grantee Institution is pending under any Scheme.
- 8. In future, grants will be released to the Institute only after the Institute has satisfied the Ministry that adequate provision for representation of SC/ST has been made in actual practice in filling up vacancies reserved for SC/ST candidates every year.
- 9. The Institute shall fully implement the Official language Policy of the Union Government i.e. the Institute shall fully comply with the Official Language Act, 1963 and Official Language (Use for the official purposed of the Union) Rules, 1976, etc.
- 10. The accounts shall be open to check by an Officer deputed by the Government or of the State Government, besides a test-check by the Comptroller and Auditor-General of India at his discretion and Internal Audit by the Principal Accounts Office of the Ministry whenever the Institution is called upon to do so.
- The Sanction ID and e-bill has been generated.

Yours faithfully,

(Rajni Taneja)
Under Secretary to the Govt of India
Tel No. 011, 23382593

भारत सरकार/Govt. of Incia भानव प्रशाधन दिकास र जारूच Min. of Human Resources Dev. ना विस्ती/New Dalni

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### Copy forwarded to:-

- 1) Grants-in-aid unit, Department of Higher Education, with two spare copies of the sanction letter and the Grants-in-Aid bill
- 2) The Vice Chancellor, Central University of Kerala
- 3) Office of the Principal Accountant General (Audit), AGCR Building, I.P. Estate, New Delhi-110002
- 4) IF.I Section
- 5) IFD
- 6) Guard File

(RAJNI TANEJA) अवर कियां/Under Cocretary भारत जरकार/Govt. of India भागम् अंताम Min. of Hurney Re. . . .



### United States Department of State Bureau of Educational and Cultural Affairs

This is to certify that

### Amruth Gopalakrishnannair Kumar

participated in the International Visitor Leadership Program

on

Internationalizing and Engaging State-Level Higher Education
April 3 - April 21, 2017

Stacy E. White
Director

Office of International Visitors

Revathy Vishwanath Assistant Director (RP) **26716690** 

### **Indian Council of Social Science Research**

(Ministry of Human Resource Development) Aruna Asaf Ali Marg, New Delhi - 110067 EPABX: 26741849-51 Fax: 91-11-26741836

F.No. 02-119/2014-15/ICSSR/RP

Dated: 27.03.2017

The Registrar Central University of Kerala Tejaswini Hills, Periye PO, Kasaragod-671316 (Kerala)

Subject: Responsive Research Project entitled 'Building Framework for Classroom Based Pedagogy: Lessons from Selected Teachers Working in Higher Education Institutions'.

Dear Sir,

This is in supersession to our earlier santion order of even No. dated 24.12.14, as per request of project director regarding change of affiliation from Pondicherry University, R.V. Nagar, Kalapet, Puducherry to Central University of Kerala, Kasaragod-671316 (Kerala) of the above research project submitted by Dr. Amruth G. Kumar, Associate Department of Education Central University of Kerala, Tejaswini Hills, Periye PO, Kasaragod-671316 (Kerala).

I am happy to inform that the ICSSR has sanctioned a grant-in-aid of Rs. 12,00,000/- (Rupees twelve lakh only) for the above research project and the grant will be released as follows:

First installment:

Rs. 4,21,824/- (Rs.58,176/-already released & settled)

Second installment: Rs. 4,80,000/-

Final installment: Rs. 2,40,000/-

Total

Rs. 12,00,000/-

\* The break-up budget approved by the ICSSR of Rs. 12.0 lakh is enclosed.

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- 3. The First installment of the approved grant-in-aid of Rs. 4,21,824/- will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. Rs. 58,176/- has been utilized and accounts have been settled by Pondicharry University.
- 4. In case, the study involves survey research, the finalized schedules/ questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule/questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule/questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
- 5. The second installment would be released on receipt of the 12 monthly progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
- 6. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
- 7. The Director of the research project will be **Dr. Amruth G. Kumar**. Who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **1**<sup>st</sup> **February 2016** as intimated by the scholar.
- 8. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

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- All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
- 10. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website <a href="https://www.icssr.org">www.icssr.org</a>
- 11. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-Plan GEN. (10) **Grant-in-aid** for research project (s).
- 12. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath) For Member Secretary

Encl: as above

Copy to:

Dr. Amruth G. Kumar Associate Professor Department of Education, Central University of Kerala Tejaswini Hills, Periye PO, Kasaragod-671316 (Kerala)

- Finance Branch, ICSSR, New Delhi
- 3. Record file

(Revathy Vishwanath)
For Member Secretary

Vishwanath tent Director I/c (RP) 10030

ANNEXURE XXXXXX II Indian Council of Social Science Research (Ministry of Human Resource Development)

Arina Acaf All Maro, New Pothi 11000 EPABX: 26741849-51 Fax: 91-11-26741836

rpr@icssr.org

Dated: 30.03.2017

FNO. 02/417/2016-17/RP

The Registrar Central University of Kerala, periye PO, Kasaragod, Kerala-671316.

Sanction of Minor Research Project entitled "Psycho-Social subject: Variables as Precursors of Education of Children of Women Fish Vendors in Malabar to Dr. M N Mohamedunni Alias

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. M N Mohamedunni Alias Musthafa, Associate Professor, Department of Education, Central University of Kerala, Periye PO, Kasaragod, Kerala-671316.

- The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
- The ICSSR has sanctioned a grant-in-aid of Rs. 2,00,000/-(Rupees two lakh only) for the above research project and the grant will be released as follows:

80,000/-Rs. First installment: 80,000/-Second installment: Rs. 40,000/-Rs. Final installment: 2,00,000/-Rs. Total

\*The break-up budget approved by the ICSSR of Rs. 2.00 Lakh is enclosed.

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### CENTRAL UNIVERSITY OF KERALA



# SCHOOL OF EDUCATION CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNMTT/MRP/2018-19/402

Dated, 25.02.2019

To,

The Registrar Central University of Kerala Tejaswini Hills, Periye P.O, Kasaragod, Kerala – 671316

Subject: Research Project entitled "Life Skill Education programme of the CBSE Curriculum: A Critical Evaluation"

Dear Sir,

- 1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
- 2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE) refer the guidelines.
- 3. The first instalment of the approved grant-in-aid of Rs1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
- 4. The first instalment of the grant shall comprise of 100% of the Non Recurring and 50% of the total Recurring grant approved by the PMMMNMTT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

- 1. copy of the final report of project along with 3 soft copies.
- 2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.

- 3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.
- 4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within period of research, the same will lapse and no representation will be entertained on this behalf.

- 5. The Principal Investigator of the research project will be **Dr. Mary Vineetha Thomas** Who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.
- 6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE), Central University of Kerala.
- 7. All grants from PMMMNMTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.
- 8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMTT, SoE, CUK.
- 9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.
- a) If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.
- b) No extension in tenure is permissible in any circumstances.

10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.

Encl: as above

Copy to: Dr. Mary Vineetha Thomas

Assistant Professor, Department of Education
Central University of Kerala, Kasaragod

Yours Faithfully,

Project Head, PMMMNMTT Central University of Kerala

The town Summer of Especial Control Co

/athy Vishwanath ,sistant Director I/c (RP)

∆ 26716690 **Indian Council of Social Science Research** 

(Ministry of Human Resource Development) Aruna Asaf Ali Marg, New Delhi – 110067 EPABX: 26741849-51 Fax: 91-11-26741836

rpr@icssr.org

F.No. 02/415/2016-17/RP

Dated: 30.03.2017

The Registrar, Central University of Kerala, Periye PO, Kasaragod, Kerala - 671316

Subject: Sanction of Minor Research Project entitled "Awareness and Attitude towards Electronic Waste and its Management among Post Graduate Students in Kerala to Dr. Mary Vineetha Thomas".

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. Mary Vineetha Thomas, Assistant Professor, Department of Education, Central University of Kerala, Periye PO, Kasaragod, Kerala - 671316.

- 2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
- 3. The ICSSR has sanctioned a grant-in-aid of Rs. 2,00,000/- (Rupees two lakh only) for the above research project and the grant will be released as follows:

First installment: Rs. 80,000/-

Second installment: Rs. 80,000/-

Final installment: Rs. 40,000/-

Total Rs. 2,00,000/-

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<sup>\*</sup> The break-up budget approved by the ICSSR of Rs. 2.00 Lakh is enclosed.

- 4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
- 5. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
- 6. The second installment would be released on receipt of the **6 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
- 7. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
- 8. The Director of the research project will be **Dr. Mary Vineetha Thomas**. Who will be responsible for its completion within **12 Months** from the date of commencement of the project, which is **1**<sup>st</sup> **June 2017** as intimated by the scholar.
- 9. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

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- 10. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
- 11. The Project Director will ensure that the expenditure incurred by her conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website <a href="https://www.icssr.org">www.icssr.org</a>
- 12. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-Plan **General**. (10) <u>Grant-in-aid</u> for research project (s).
- 13. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath)
For Member Secretary

### **Encl:** as above

Copy to:

- Dr. Mary Vineetha Thomas
  Assistant Professor,
  Department of Education,
  Central University of Kerala,
  Periye PO, Kasaragod,
  Kerala 671316
- 2. Finance Branch, ICSSR, New Delhi
- 3. Record file

(Revathy Vishwanath)
For Member Secretary

### **CENTRAL UNIVERSITY OF KERALA**

# SCHOOL OF EDUCATION CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT

# PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNMTT/MRP/2018-19/407

Dated, 25.02.2019

To,

The Registrar Central University of Kerala Tejaswini Hills, Periye P.O, Kasaragod, Kerala – 671 316

Subject: Research Project entitled "Curriculum offered for the Student with Intellectual Disabilities in the Special Schools of Kasaragod"

Dear Sir,

- 1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
- 2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE) refer the guidelines.
- 3. The first instalment of the approved grant-in-aid of Rs.1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
- 4. The first instalment of the grant shall comprise of 100% of the Non Recurring and 50% of the total Recurring grant approved by the PMMMNMTT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

- 1. copy of the final report of project along with 3 soft copies.
- 2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.

- 3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.
- 4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within period of research, the same will lapse and no representation will be entertained on this behalf.

- 5. The Principal Investigator of the research project will be Dr. Vanitha .C who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.
- 6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE), Central University of Kerala.
- 7. All grants from PMMMNMTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.
- 8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMTT, SoE, CUK.
- 9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.
- a) If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.
- b) No extension in tenure is permissible in any circumstances.

10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.

Yours Faithfully,

Project Head, PMMMNMTT

Central University of Kerala

tro Daly Walana Central University of Kereiz

Encl: as above

Copy to: Dr. Vanitha.C

Assistant Professor, Department of Education Central University of Kerala, Kasaragod

### Revathy Vishwanath Assistant Director I/c (RP) 26716690

### **Indian Council of Social Science Research**

(Ministry of Human Resource Development) Aruna Asaf Ali Marg, New Delhi – 110067 EPABX: 26741849-51 Fax: 91-11-26741836

rnr@iccer ora

rpr@icssr.org

F.No. 02/326/2016-17/RP

Dated: 30.03.2017

The Registrar Central University of Kerala, Tejaswini Hills, Periye PO, Kasaragod-671316 Kerala

Subject:

Sanction of Major Research Project entitled "Open Educational Resources (OER) and Massive Open Online Course (MOOC) for Professional Development of Secondary Teachers: Design and Development of an E-Learning Courseware to Dr. V P Joshith".

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. V.P. Joshith, Assistant Professor, Department of Education, Central University of Kerala, Thejaswini Hills, Periye (P.O.), Kasargod Kerala-671316.

- 2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
- 3. The ICSSR has sanctioned a grant-in-aid of Rs. 8,00,000/-(Rupees eight lakh only) for the above research project and the grant will be released as follows:

First installment:

Rs. 3,20,000/-

Second installment:

Rs.

3,20,000/-

Final installment:

Rs.

1,60,000/-

Total

Rs. 8,00,000/-

Relly

Cont'd...2/-

<sup>\*</sup> The break-up budget approved by the ICSSR of Rs. 8.00 Lakh is enclosed.

- 10. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
- 11. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website
- 12. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants Plan **General**. (10) Grant-in-aid for research project (s).
- 1). As per MHPD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. It the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon a 10% per annum.

Yours faithfully,

\_31-

(Revathy Vishwanath) For Member Secretary

Encl: as above

Copy to:

Dr. V.P. Joshith
Assistant Professor,
Department of Education,
Central University of Kerala,
Thejaswini Hills, Periye (P.O.),
Kasurgod Kerala 671316

- Finance Branch, ICSSR, New Delhi
- Record file

(Revathy Vishwanath) For Member Secretary

- 4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
- 5. In case, the study involves survey research, the finalized schedules/ questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
- 6. The second installment would be released on receipt of the **12 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
- 7. The final installment will be released only after the receipt of the following documents under rule 1,10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
- 8 The Director of the research project will be **Dr. V.P. Joshith.** Who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **1**<sup>st</sup> **June 2017** as intimated by the scholar.
- 9. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

Cont'd...3/-

### Title: Open Educational Resources(OER) and Massive Open Online Course (MOOC) for Professional Development of Secondary Teachers: Design and Development of an E-Learning Courseware

By

### Dr. V.P. Joshith

### Budget

Expenditure Head	Percentage Allocation to Total Budget of the Study	Actual value as per the Study (In Rs.)
Full Time Research Staff Part Time Assistance/Hiring Charges	Not Exceeding 50%	4,00,000
Fieldwork Cost (Travel/Logistics/Lodging-Boarding etc.) Source Materials/Software/Data Base etc.	Not less than 37.5%	3,00,000
Contingency	5%	40,000
Institutional Overheads	7.5%	60,000
Total	100	8,00,000

(Rupees Eight lakh only)

### Note:

- a. Period of appointment of full time/part time staff to be decided as per upper limit of financial allocation under each head.
- b. Payment of full-time/part-time research staff and other expenditure will be made as per rates approved by the ICSSR for different posts/heads as under:

Research Associates

Rs. 16,000/- per month

Research Assistant

Rs. 13,000/- per month

Research/Field Investigator

Not exceeding Rs.1,000/- per day

FOR MEMBER SECRETARY



### भारतीय सामाजिक विज्ञान अनुसंधान परिषद्

(मानव संसाधन विकास मंत्रालय)

पोस्ट बॉक्स - 10528, अरूना आसफ अली मार्ग, नर्ड दिल्ली-110 067

### INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

(Ministry of Human Resource Development) Post Box No. 10528, Aruna Asaf Ali Marg, New Delhi - 110 067

EPABX: 26741849 Fax: 91-11-26741836 E-mail: info@icssr.org Website: www.icssr.org

Revathy Vishwanath Deputy Director I/c (RP)

F.No. 02/326/2016-17/RP

Dated: 30.11.2018

The Registrar

Central University of Kerala, Tejaswini Hills, Periye PO, Kasaragod-671316 Kerala

Subject: Research Project entitled "Open Educational Resources (OER) and Massive Open online Course (MOOC) for Professional Development of Secondary Teachers: Design and Development of an E-Learning Courseware".

Dear Sir,

In continuation of the Council's letter of even number dated 30.03.2017 on the above subject, I am directed to convey the sanction of the ICSSR, to the payment of Rs. 3,20,000 /- as the **second** installment for the research project mentioned above. This brings to the total amount released so far to Rs. 6,40,000/- against the total sanctioned grant of Rs.

A copy of the grant-in-aid bill for release of Rs. 3,20,000/- as the second installment is enclosed. It is requested that the bill may be filled in and returned to the Council to enable

The grant-in-aid is subject to all the conditions laid down in our letter referred above.

The expenditure on this account is debitable to the Budget Head B Programmes-Research Grants-Plan Gen (10) grant-in-aid for research project.

Yours faithfully,

- 51-(For Member Secretary)

Copy to:

V.P. Joshith Assistant Professor, Dept. of Education Central University of Kerala, Tejaswini Hills, Periye PO, Kasaragod-671316 Kerala

FA&CAO, ICSSR, New Delhi

(For Member Secretary)

### **CENTRAL UNIVERSITY OF KERALA**

### MHRD Govt. of India

# SCHOOL OF EDUCATION CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT PANDIT MADAN MOUAN MALAVIYA NATIONAL MISSION

## PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNMTT/MRP/2018-19/403

Dated, 25.02.2019

To,

The Registrar Central University of Kerala Tejaswini Hills, Periye P.O, Kasaragod, Kerala – 671316

Subject: Research Project entitled "Open Educational Resources Courseware for Curriculum Transaction in Chemistry at Higher Secondary Level"

Dear Sir,

- 1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
- 2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE) refer the guidelines.
- 3. The first instalment of the approved grant-in-aid of Rs1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
- 4. The first instalment of the grant shall comprise of 100% of the Non Recurring and 50% of the total Recurring grant approved by the PMMMNMTT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

- 1. copy of the final report of project along with 3 soft copies.
- 2. A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.

- 3. A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as well as the Principal Investigator in the prescribed proforma.
- 4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within period of research, the same will lapse and no representation will be entertained on this behalf.

- 5. The Principal Investigator of the research project will be Dr. V.P Joshith who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.
- 6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE), Central University of Kerala.
- 7. All grants from PMMMNMTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.
- 8. The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMTT, SoE, CUK.
- 9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.
- a) If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.
- b) No extension in tenure is permissible in any circumstances.

10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.

Yours Faithfully,

Project Head, PMMMNMTT

Central University of Kerala

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Control University by Kerala

Encl: as above

Copy to: Dr. V.P Joshith

Assistant Professor, Department of Education Central University of Kerala, Kasaragod

### **CENTRAL UNIVERSITY OF KERALA**



# SCHOOL OF EDUCATION CENTRE FOR CURRICULUM RESEARCH POLICY AND EDUCATIONAL DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION

### PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

CUK/SoE/PMMMNMTT/MRP/2018-19/4-00

Dated, 25.02.2019

To.

The Registrar Central University of Kerala Tejaswini Hills, Periye P.O, Kasaragod, Kerala – 671316

Subject: Research Project entitled "Whatsapp Mediated Learning Approach: An Investigation of Its Effect on Achievement and Mobile Learning Acceptance among the M. Ed students"

Dear Sir,

- 1. I am happy to inform that the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) has sanctioned a grant-in-aid of Rs.2,00,000/- (Rupees Two Lakhs) for the above research project.
- 2. For the break-up of the budget approved by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE) refer the guidelines.
- **3.** The first instalment of the approved grant-in-aid of Rs. 1,35,000/- (One Lakhs Thirty Five Thousand) will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Principal Investigator as well as the affiliating organization and the acceptance certificate in the prescribed format.
- **4.** The first instalment of the grant shall comprise of 100% of the Non Recurring and 50% of the total Recurring grant approved by the PMMMNMTT, SoE, CUK for the total duration of the project. The grant will be released to the Principal of the College/Registrar/ of the University/Head of the Institution. The breakup budget approved and the details of first instalment are enclosed.

On receipt of Annual Progress Report within 6 months of the commencement of the project, statement of expenditure and utilization certificate of 1<sup>st</sup> instalment of grant, the 40% of the total recurring grant will be released as second instalment. The duration between 1<sup>st</sup> instalment and second instalment is 4 months. Before 11 months the Principal Investigator has to claim the last instalment. Needless to say the final instalment should be claimed at least by the end of the 11<sup>th</sup> month. Remaining 10% will be released on or before 1<sup>st</sup> March, 2020 on the receipt of following documents as final reimbursement:

- 1. copy of the final report of project along with 3 soft copies.
- A consolidated item wise detailed statement of expenditure incurred during the complete project period in the prescribed Proforma duly signed and sealed by the Principal and the Principal Investigator.
- A consolidated Audited Utilization Certificate for the amount actually utilized towards the
  project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Principal as
  well as the Principal Investigator in the prescribed proforma.

4. The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Finance Officer, Central University of Kerala, Kasargode, Kerala.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within *period of research*, the same will lapse and no representation will be entertained on this behalf.

- **5.** The Principal Investigator of the research project will be Dr. K Thiyagu who will be responsible for its completion within 12 months from the date of commencement of the project, which is 1<sup>st</sup> March, 2020.
- 6. In case, the Principal Investigator does not submit the periodic/final project report as scheduled the Principal Investigator may be debarred from availing all future financial assistance from Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education (SoE), Central University of Kerala.
- 7. All grants from PMMMNMTT are subject to the general provision of GFR 2017 and the relevant subsections in the GFR.
- **8.** The Principal Investigator will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the guidelines for the Minor Research Project, PMMMNMTT, SoE, CUK.
- 9. The amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the Finance Officer, Central University of Kerala immediately after the expiry of the duration of the project.
- a) If a Principal Investigator fails to complete the project, he/she has to refund the entire amount released with penal interest.
- b) No extension in tenure is permissible in any circumstances.

10. The Principal Investigator has to strictly abide by the guidelines issued in this regard and shall be governed under relevant rules and regulations from time to time issued by Govt. of India/UGC/Central University of Kerala.

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Yours Faithfully,

Project Head, PMMMNMTT Central University of Kerala

विशा स्थाल / School of Education करल केंद्रीय विश्वविद्यालय Central University of Kerala

Encl: as above

Copy to: Dr. K Thiyagu
Assistant Professor
Dept. of Education

Central University of Kerala



Revathy Vishwanath Assistant Director I/c (RP) 26716690

### **Indian Council of Social Science Research**

(Ministry of Human Resource Development) Aruna Asaf Ali Marg, New Delhi – 110067 EPABX: 26741849-51 Fax: 91-11-26741836

rpr@icssr.org

F.No. 02/428/2016-17/RP

Dated: 30.03.2017

The Registrar, Central University of Kerala, Periye PO, Kasaragod, Kerala - 671316

Subject: Sanction of Minor Research Project entitled "Impact of

Social Media on University Students' Academic Performance and Behaviour Changes: A Case of Kerala

State to Dr. K Thiyagu".

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. K. Thiyagu, Assistant Professor, Department of Education, Central University of Kerala, Periye PO, Kasaragod, Kerala-671316.

- 2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
- 3. The ICSSR has sanctioned a grant-in-aid of Rs. 1,50,000/- (Rupees one lakh fifty thousand only) for the above research project and the grant will be released as follows:

First installment:

Rs,

60,000/-

Second installment:

Rs.

60,000/-

Final installment:

Rs.

30,000/-

Total

Rs.

1,50,000/-

lavilly v

Cont'd...2/-

<sup>\*</sup> The break-up budget approved by the ICSSR of Rs. 1.50 Lakh is enclosed.

- 4. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
- 5. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
  - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
- 6. The second installment would be released on receipt of the **6 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.
- 7. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:
  - a) The final Report on the research project (in duplicate) in a publishable form.
  - b) A short summary of the project report in duplicate in 2,000-5,000 words.
  - c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.
  - d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
  - e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.
- 8. The Director of the research project will be  $\mathbf{Dr.~K.~Thiyagu.}$  Who will be responsible for its completion within 12 Months from the date of commencement of the project, which is  $\mathbf{1}^{st}$  June 2017 as intimated by the scholar.
- 9. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

Cont'd...3/-

- 10. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
- 11. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Grants scheme (responsive), available in the ICSSR website <a href="https://www.icssr.org">www.icssr.org</a>
- 12. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-Plan **General**. (10) <u>Grant-in-aid</u> for research project (s).
- 13. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath) For Member Secretary

Encl: as above

Copy to:

Assistant Professor,
Department of Education,
Central University of Kerala,
Periye PO, Kasaragod,
Kerala-671316

- 2. Finance Branch, ICSSR, New Delhi
- 3. Record file

(Revathy Vishwanath)
For Member Secretary

Title: Impact of Social Media on University Students' Academic Performance and Behaviour Chages: A Case of Kerala State

By

### Dr. K. Thiyagu

### Budget

Expenditure Head	Percentage Allocation to Total Budget of the Study	Actual value as per the Study (In Rs.)
Full Time Research Staff Part Time Assistance/Hiring Charges	Not Exceeding 50%	75,000/-
Fieldwork Cost (Travel/Logistics/Lodging-Boarding etc.) Source Materials/Software/Data Base etc.	Not less than 37.5%	56,250/-
Contingency	5%	07,500/-
Institutional Overheads	7.5%	11,250/-
Total	100	1,50,000/-

(Rupees One lakh fifty thousand only)

### Note:

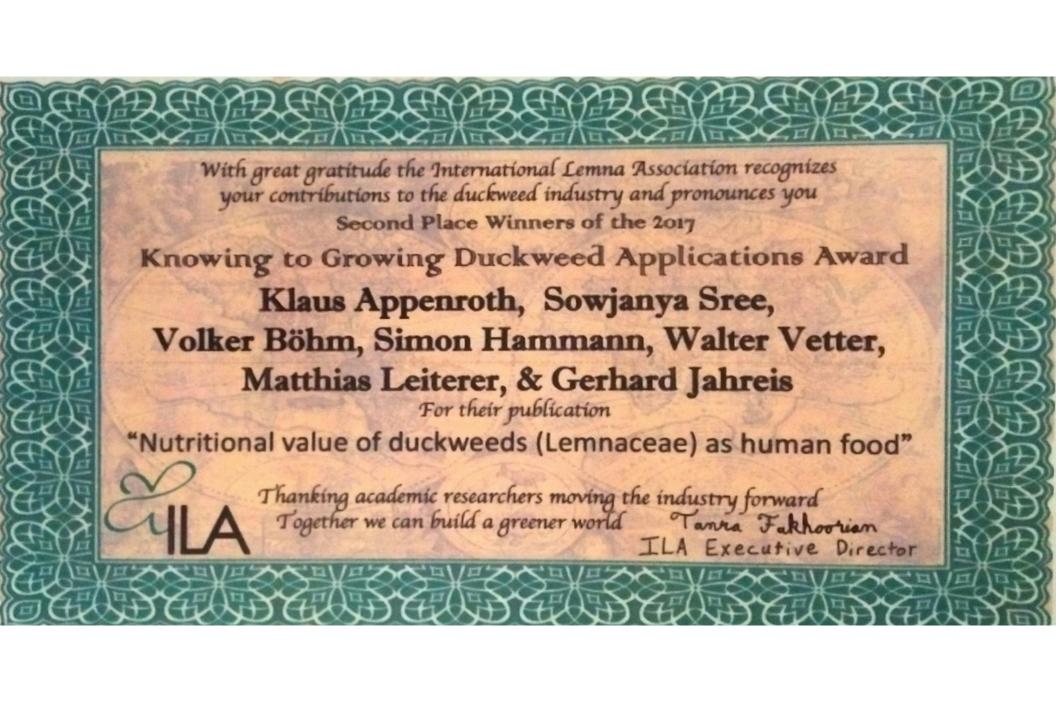
- c. Period of appointment of full time/part time staff to be decided as per upper limit of financial allocation under each head.
- d. Payment of full-time/part-time research staff and other expenditure will be made as per rates approved by the ICSSR for different posts/heads as under:

Research Associates
Research Assistant
Research/Field Investigator

Rs. 16,000/- per month Rs. 13,000/- per month

Not exceeding Rs.1,000/- per day

FOR MEMBER SECRETARY



### Dr. K.V. RAO SCIENTIFIC SOCIETY





### CERTIFICATE OF APPRECIATION

Awarded to

Dr. K. Sowjanya Sree

For excelling in the area of Science and Research











05th November, 2019 Hyderabad

Malian Dr. K. Ratna

Secretary



1 st International Conference
Strategies toward
Green Deal Implementation

# AWARD FOR THE BEST PRESENTATION

for

### KLAUS-J. APPENROTH

in colaboration with

### SOWJANYA SREE KANDREGULA

for the poster

"Duckweeds for green deal implementation"

during

1<sup>ST</sup> INTERNATIONAL CONFERENCE
STRATEGIES TOWARD GREEN DEAL IMPLEMENTATION
WATER AND RAW MATERIALS

GREEN STRATEGIES FOR WASTE AND ENERGY

(15 December - online)

Dr Marzena Smol Chair of Conference

Head of Division of Biogenic Raw Materials

Mineral and Energy Economy Research Institute

Polish Academy of Sciences





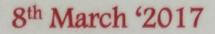
### NATIONAL FOUNDATION FOR ENTREPRENEURSHIP DEVELOPMENT [NFED]

(In Pursuance to Create Socio-Economic Sustenance through Entrepreneurship Development)

Coimbatore - 641 006, Tamil Nadu, India

www.nfedindia.org | www.nfed.in | www.nfedawards.com

### 4th WOMEN'S DAY AWARDS '2017







"We Elate Your Self To Be Elite"

**NFED** 

Confers



### YOUNG WOMAN EDUCATOR & SCHOLAR AWARD



Asst. Prof. Dr. J. Sangeetha

Department of Environmental Science
School of Earth Science Systems, Central University of Kerala

Kasaragod District, Kerala

KVJ. Prof. Dr. R. Ganesan Chairman



# 2018 EAES INTERNATIONAL AWARD FOR ENVIRONMENTAL MICROBIOLOGY

presented to

Dr. Jeyabalan Sangeetha Central University of Kerala, India

for the creative development of a scientific contribution which has been determined to be of significant value in the advancement of environmental microbiology

6

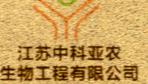
Dr. Raheema A. Rahim PhD Dean of Research, MNU Karnersegtery

Dr. Kasem Soytong PhD AATSEA President - ABRELOY

Dr. Abhishek Mundaragi PhD EAES Secretary







CHINA SONGYANG COUNTY PEOPLE'S GOVERNMENT, CAS ASIAN AGRICULTURE CHINA AND ASSOCIATION OF AGRICULTURAL TECHNOLOGY IN SOUTHEAST ASIA

### AWARD OF EXCELLENCE

Presented to

Prof. Dr. Jeyabalan Sangeetha

In recognition of outstanding achievements, dedicated service, untiring efforts, exemplary vision, unwavering commitment and unselfish support in the field of organic agriculture.

Given on the 14th day of May, 2019 on the occasion of China Songyang International Modern Organic Agriculture Forum held in Songyang, Zhejiang province, China during 11-15 May, 2019.

Kasomboydoy

KASEM SOYTONG, Ph.D. Founder and President AATSEA

引吸

WANG JUN
Secretary of CPC
Songyang County Committee

赵忆

ZHAO YI CAS WUXI CHINA



2018

# BEST ORAL PRESENTATION

is awarded to

# DR. ANBAZHAGI MUTHUKUMAR

at the

# INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCES AND FOOD TECHNOLOGY

30th - 31st October 2018

"Agricultural Panovation to Nourish the World"

Assoc. Prof. Dr. Khamsah Suryati Mohd

Deputy Vice Chancellor (Research and Innovation)

Professor N. Dr. R. Badlishah Ahmad

Chairperson





### UNIVERSITY GRANTS COMMISSION

(Ministry of Human Resource Development)

NET Bureau, University of Delhi, South Campus, Benito Juarez Marg, New Delhi-110021 Ph.: 011-24115419, Fax: 011-24112276 email: ssingh.ugc@nic.in

7 APR 2016

UGC-Ref. No.: 35334/(NET-DEC. 2014)

### JRF AWARD LETTER

No. F.15-6(DEC. 2014)/2015(NET)

MUKESH LAL DAS S/O SHIV SHANKAR DAS 22 B.L.C Mills Bye Lane, Mahesh, Serampore, Hooghly, WEST BENGAL - 712202, INDIA

Roll No.: 62890021

Subject: Environmental Sciences

Dear Candidate,

I am pleased to inform you that you have qualified the UGC-NET for Junior Research Fellowship (JRF) held on 28th December 2014. The tenure of the fellowship is five years and it commences from the date of declaration of NET result, i.e., 15th June, 2015 (or) from the date of Registration under M.Phil/Ph.D. (or) from the date of joining in M.Phil./Ph.D. programme, whichever is later. The summary of the financial assistance offered under the scheme is mentioned in **Annexure I** (all Annexures mentioned in this letter are available on www.ugc.ac.in/netjrf).

The Awardee is required to get admission and registration for regular and full time M.Phil/Ph.D. course in a University/Institution/College recognized by the UGC at the first available opportunity but not later than two years from the date of issue of this award letter. The University/Institution/College is requested to process for the award of JRF based on this letter, in accordance with the procedure available on www.ugc.ac.in/netjrf.

It may be noted that the fellowship amount shall be disbursed through Canara Bank to the bank account of the Awardee, (any bank) directly. The list of designated branches of Canara Bank is available on the UGC portal www.ugc.ac.in. The Awardee is required to approach the designated branch along with a copy of the Award letter, Joining Report, Annexure II and an undertaking Annexure II (a). The Awardee is also required to submit the following documents to the designated branch of the Canara Bank at the stipulated period/interval:

- 1. At the end of every three months a 'Continuation Certificate' in the prescribed proforma Annexure III. This will make the Awardee eligible to draw the fellowship for the next three months.
- 2. Half yearly Progress Report in the prescribed proforma Annexure IV along with the 'Continuation Certificate'.
- 3. Details of the expenditure incurred out of the contingency grant to be submitted annually in the prescribed proforma Annexure V.
- 4. The claim towards HRA is subject to the submission of HRA certificate in the prescribed proforma Annexure VI.
- 5. After the completion of two years of award of fellowship an 'Upgradation Certificate' needs to be submitted in the prescribed proforma Annexure VII along with Progress Report and Continuation Certificate.

It may also be noted that UGC has proposed to link "AADHAAR" with student's bank account number so that there can be direct cash transfer and effective disbursal of fellowship into the bank account of the student. In this regard Secretary, UGC has already requested the universities to help the students in Aadhaar Enrolment vide his D.O. letter No. F.14-34/2011 (CPP-II) dated 11.01.2013.

It may please be noted that the award is liable to be cancelled and it will also attract legal action against the Awardee in the following cases:

- i) If the Awardee is found to be ineligible to receive the award at any point of time during the entire duration of the fellowship.
- ii) Misconduct of Awardee.
- iii) Unsatisfactory progress of research work of the Awardee.
- iv) In case, any other fellowship is drawn from other source (s).
- v) Concealment of facts or on any other ground of misconduct.

In order to provide easy accessibility, all the details of the scheme, its requirements, all the prescribed proformae for submission of the documents along with the details of the designated branches of Canara Bank are available on the UGC portal www.ugc.ac.in/netjrf

The g-Certificate of eligibility for Assistant Professor has already been uploaded on www.ugcnetonline.in.

With best wishes,

(Surender Singh)





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### NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

Roll No.: 35016718 UGC Ref. No.: 44516/(OBC)(NET-NOV 2017)

Certified that SALMAN FARISSI

SON/Demobiler of ARIF K

bad applied for the UGC-NET for eligibility for REHNA A K

Assistant Professor beld on 05-11-2017 in the OBC

category and qualified by securing marks at par with the qualifying cut-off DY OBC

in the Subject ENVIRONMENTAL SCIENCES

As per the information provided by the candidate, be/she had completed his/her Master's degree or equivalent examination at the time of applying for NET.

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., , OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of , whichever is later. declaration of NET result, i.e., by 1st January, 2020

This is an electronic certificate only and its authenticity should be verified from the UGC by the employer. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate. Surender 1267

Validity of this electronic certificate is forever.

Head

Date of Issue: 19-03-2018

NET Вигеаи

Note: a) UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for UGC-NET.

b) Wherever SC/ST/OBC/PWD is shown in the UGC Ref. No., the institution/recruitment body should check the relevant documents of that category.



### COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH HUMAN RESOURCE DEVELOPMENT GROUP CSIR Complex, Library Avenue Pusa, New Delhi - 110 012, India

The date of declaration of result of **Joint CSIR-UGC Junior Research Fellowship & Eligibility for Lecturership (NET) Exam** held on 17th December, 2017 is 09/05/2018

### **Marks Statement**

Roll Number:	322493
Name: MAN.	JUSHA K
Subject : Life S	Science
Applied For:	JRF

Marks obtained	
Part A	0
Part B	13
Part C	72
Total Marks	85
Percentage	42.5%
Rank	116
Result	JRF(NET)-CSIR

PENDING THE FINAL OUTCOME OF THE JUDGMENT OF HON'BLE HIGH COURT OF PUNJAB AND HARYANA IN LPA 2243/2017 AND ISSUANCE OF FORMAL JRF/NET QUALIFYING CERTIFICATE MARKS STATEMENT OF THE QUALIFIED CANDIDATES MAY BE TREATED AS PROOF OF THEIR QUALIFYING THE SAID EXAM PROVISIONALLY SUBJECT TO THEIR FULFILLING THE ELIGIBILITY CRITERIA AS PER THE NOTIFICATION

CSIR HRDG is not responsible for any inadvertent error that may have crept in the result being published on internet. Electronic Certificate No.: 181054594



# Salversity Grants Commo

### NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

UGC Ref. No.: 54594/(NET-JULY 2018)

Roll No.: 36023148

Certified that SALMAN FARISSI



Son/Daughter of ARIFK

and REHNAAK

has qualified

the UGC-NET for eligibility for Assistant Professor beld on 08-07-2018

in the Subject ENVIRONMENTAL SCIENCES

As per the information provided by the candidate, be/she had completed his/her Master's degree or equivalent examination at the time of applying for NEL

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., 31st July, 2018 , OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by 30th July, 2020 , whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from UGC by the institution appointing authority. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

National this electronic certificate is forever.

Head

Date of Tssue: 31-10-2018

**NET Вигеаи** 

UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfill the minimum eligibility conditions for NET as laid down in the notification for UGC-NET.



### Kerala State Council for Science, Technology and Environment

No.001/FSHP-MAIN/2017/KSCSTE

25.01.2018

Dear Mr. Salman,

I am pleased to inform you that you are selected for the KSCSTE Research Fellowship for the year 2017 in the **Environmental Sciences** on the basis of the written examination and the interview held at Sastrabhavan, Pattom, Thiruvananthapuram. Congratulations!

This letter may be treated as the formal offer for the fellowship. You may communicate your acceptance of the same as per the terms and conditions, which is enclosed along with this, for initiating further action in this regard. Your acceptance must reach this office on or before February 19, 2018, failing which will be presumed that you are not accepting the fellowship and the same will be offered to the candidate ranked next.

With best wishes for a fruitful academic career!

Yours sincerely,

Dr. S. Pradeep Kumar Director, KSCSTE

To

Mr. Salman Farissi Jabal-al-Rahma H O., Perinthalmanna P O., Perinthalmanna-679322



### COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH HUMAN RESOURCE DEVELOPMENT GROUP CSIR Complex, Library Avenue Pusa, New Delhi - 110 012, India

The date of declaration of result of **Joint CSIR-UGC Junior Research Fellowship & Eligibility for Lectureship (NET) Exam** held on 17th June, 2018 is 27/11/2018

### **Marks Statement**

Roll Number: 317397 Name: MANJUSHA K Subject: LIFE SCIENCE

Applied For: JRF\_LECTURESHIP

Marks obtair	ned	
Part A	-0.5	
Part B	33	
Part C	60	
Total Marks	92.5	
Percentage	46.25%	
Rank	53	
Result	Lectureship	

CSIR HRDG is not responsible for any inadvertent error that may have crept in the result being published on internet.





### UNIVERSITY GRANTS COMMISSION

(Ministry of Human Resource Development)

NET Bureau, University of Delhi, South Campus, Benito Juarez Marg, New Delhi-110021 Ph.: 011-24115419, 011-24115423 email: ssingh.ugc@nic.in

2 2 MAY 2019

UGC-Ref. No.: 3820/(NET-DEC 2018)

### JRF AWARD LETTER

No. F.15-6(DEC. 2018)/2019(NET)

SALMAN FARISSI S/O ARIF K Jabal-al-Rahma H. O.,

Jabal-al-Rahma H. O., Pathaikkara P.

O., Perinthalmanna, MALAPPURAM, KERALA - 679322, INDIA

Roll No.: KL1305503234

Subject: Environmental Sciences

Dear Candidate,

I am pleased to inform you that you have qualified for Junior Research Fellowship (JRF) and Eligibility for Assistant Professor in the National Eligibility Test (UGC-NET) conducted in December 2018. The tenure of fellowship is five years and it commences from the date of declaration of NET result, i.e., 5th JANUARY 2019 (or) from the date of admission under M.Phil./Ph.D. (or) from the date of joining M.Phil./Ph.D. programme, whichever is later. The summary of financial assistance offered under the scheme is mentioned at Annexure I available on www.ugc.ac.in/netjrf along with other Annexures.

The Awardee is required to get admission and registration for regular and full time M.Phil./Ph.D. course in a University/Institution/College recognized by UGC at the first available opportunity but not later than three years from the date of issue of this award letter. University/Institution/College is requested to process for award of JRF based on this letter, in accordance with procedure available on www.ugc.ac.in/netjrf.

It may be noted that the fellowship amount shall be disbursed through Canara Bank to bank account of the Awardee (any bank) directly. UGC has developed a dedicated web portal (https://scholarship.canarabank.in) for capturing data of the awardee. The Universities / Colleges / Institutions will link the data of the awardee with the master data on the UGC web portal with unique Maker / Checker Ids which have already been provided to them along with the passwords. The Universities / Colleges / Institutions shall update the information in the master data (regarding monthly payment confirmation, HRA, up-gradation, resignation etc.) of the beneficiaries on monthly basis. Based on the data updated on UGC web portal by the concerned Universities / Colleges / Institutions, the payment of the fellowship will be made to the beneficiaries (Detailed process available at https://www.ugc.ac.in/ugc notices.aspx?id=2153).

It may also be noted that UGC has proposed to link "AADHAAR" with bank account of students so that there can be direct cash transfer and effective disbursal of fellowship into bank account of the student. In this regard, Secretary, UGC has already requested the universities to help students in Aadhaar enrolment vide D.O. No. F.14-34/2011 (CPP-II) dated 11.01.2013.

It may please be noted that the award is liable to be cancelled by Implementing/Awarding agency and it will also attract legal action against the Awardee in the following cases:

- (i) If the awardee is found to be ineligible to receive the award at any point during the entire duration of fellowship,
- (ii) Misconduct of Awardee.
- (iii) Unsatisfactory progress of research work,
- (iv) Failure in any examination related to M.Phil./ Ph.D.,
- (v) In case any other fellowship is drawn from other source(s),
- (vi) Concealment of facts.

The e-Certificate of Eligibility for Assistant Professor has already been uploaded on www.ugcnetonline.in. The eligibility of the candidate is to be ensured by the institution/ appointing authority. The category in which the candidate had appeared may be verified from UGC.

With best wishes,

(Surender Singh)



### Central University of Kerala

Tejaswini Hills, Periya (P.O), Kasaragod (Dist.), Kerala - 671 316.



### National Science Day Celebration-2019 Science for People and People for Science

Communicating Science for All

### CERTIFICATE

This is to certify that Nadirsha PS Nawab, Research Scholar, Department of Environmental Science, CUK has participated in the "Quiz Competition" and won Fifth prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

Prof. (Dr.) G. Gopa Kumar Vice Chancellor Central University of Kerala

Scanned with

Dr. A. Sakthivel Convener

National Science day celebration 2019



### SCHOOL OF LIFE SCIENCES PERIYAR UNIVERSITY



(NAAC 'A' Grade - State University - NIRF Rank 68) Periyar Palkalai Nagar, Salem - 636 011



4th National Conference on

### FRONTIERS IN ECOBIOLOGICAL SCIENCES AND ITS APPLICATIONS (FESA - 2019)



This is to certify that Dr./Mr./Mrs./Ms. Nacitusha. PSN

Dept: of Environmental Science, Central University of Schala, Sasahagad.

has been selected for Best Paper Award in Oral/Poster presentation in the 4th National Conference on "Frontiers in Ecobiological Sciences and its Applications (FESA - 2019)" Theme: Agriculture, Ecosystems and Environment held on October 16 - 18, 2019 at School of Life Sciences, Periyar University, Periyar Palkalai Nagar, Salem, Tamil Nadu, India.

Organizing Secretary
Dr. P. Thangavel

Convener

Registrar

Dr. K. Thangavel







### ICCCBCE-2020

### 1<sup>st</sup>International Conference on Climate Change and Its Effect on Biodiversity, Commerce & Economics

28-29 February, 2020

Sponsored By 
 BOD, Savitribai Phule Pune University

Organized by Openation of Commerce & Life Sciences
Mula Education Society's

### ARTS, COMMERCE AND SCIENCE COLLEGE, SONAI

Tal. Newasa, Dist. Ahmednagar, Maharashtra, India NAAC Reaccredited with 'A' Grade



U
This is to certify that Prof. / Dr. / Mr. / Mrs. / Miss. Nadischa P.
or Central University Karala
has attended the International Conference. He / She worked as Resource Person / Chairperson
He / She has presented research paper Orally / by Poster entitled Mapping of Vegetation Stress under Projected Climate Change etc.
[ Best paster presentation Award].
Dr. Ashok Tuwar Convener  Dr. Shankar Laware Principal

Frincina



National Article Writing Competition 2020



This is to certify that

Mr/ Ms. SHALU GEORGE

participated in the **National Article Writing Competition 2020**, organized by ENVIS RP, Amrita Vishwa Vidyapeetham, Coimbatore held in October, 2020 on the topic 'Biological Invasion/invasive species in your locality' and has been awarded the .....**FIRST**...... prize.

Amrita Vishwa Vidyapeetham Coimbatore-641112, Tamil Nadu

Website: www.amrita.edu/center/envis

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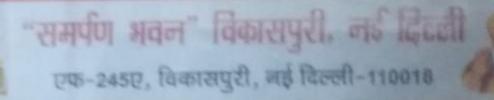


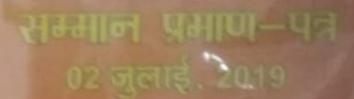


**Dr. Maya Mahajan**Envis Coordinator & Associate Professor
Amrita Vishwa Vidyapeetham

**Dr.K. Sankaran** Registrar Amrita Vishwa Vidyapeetham







### EL GUI RIDGER

को उनके भाषा, राशित्व, रंज्यूति, कला, आलोधना एवं तो के कुमाना वारोधन के लिए हर राष्ट्रीय साधित्यकार सम्मान तर हैं किन पारित्यकार समान से समस्यकृत किया माना है। हर अक्सर पर हम प्रसम्बन्ध अनुसर करते हुए उनके मानी साधित्यक उम्मायन एवं उत्पादका महिन्य करते हर्गिक कामना व्यक्त करते हैं।

डॉ. अमरसिंह वधान

प्रोकेसर स्मरिएस, ही. तिर् (राष्ट्रीय संयोजक) हैं। निर्माला वालिया वरिष्य वालियकाः व समावसीका (अस्तरस) स्थापना सन् 1995

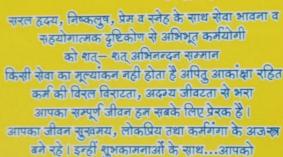
### शाहित्य ही शमाज की शेवा है राष्ट्रीय, साहित्यिक, सामाजिक एवं धार्मिक कार्यों का प्रकाशपुंज अन्तर्राष्ट्रीय स्तर पर हिन्दी के विकास पथ पर अग्रसर

### सुरिष साहित्य संस्कृति अकादषी

खण्डवा (म.प्र.)

### अभिगरदंग — पंत्र

माननीय डॉ. टी.एस. पवार



### राष्ट्रीय विद्या विदश्री अवार्ड

से अलंकृत कर अकादमी गौरव का अनुभव करती है। आपके उज्जवल भविष्य की कामना करती है।

जिलां गार

डॉ. जगदीश्चन्द्र चीरे विद्यासागर

राष्ट्रीय अध्यक्ष सुर्वि साहित्य संस्कृति अकादमी, खंडवा (म प्र)

आर्ट ग्रा. खंडवा







### स्टिन्धी साहित्य सत्वी प्रशासित



सुश्री/श्री डॉ॰ धर्मेन्द्र प्रताप सिंह निवासी कासरगोड

को 'कालजर्यी' को प्रदत्त सहयोग के लिए हिन्दी साहित्य सेवी प्रशस्ति

प्रदान करते हुए इनके भारतीय भाषायी योगदान हेतु सम्मानित किया जाता है।







दिनांक: 3-11-2017



### केवलपत्ती रामआसरे महाविद्यालय



राजेन्द्र नगर, बन्धरा, लखनऊ, उ०प्र०-226401

एवं

अखिल भारतीय कला साहित्य-संस्कृति एवं विज्ञान-शोध-संस्थान, लखनऊ तथा

गौतमबुद्ध पंचशील शोध-साहित्य-संस्कृति-संस्थान लखनऊ

### संयुक्त तत्वावधान में अन्तर्राष्ट्रीय सेमिनार

"आधुनिक परिप्रेक्ष्य में महिला सशक्तिकरण की भूमिका" विषय पर आयोजित दो दिवसीय अन्तर्राष्ट्रीय सेमिनार तथा साहित्यकारों का सम्मान समारोह एवं पुस्तकों का विमोचन के अवसर पर

### शिक्षक श्री अवार्ड

बहुमुखी प्रतिभा एवं साहित्य, संस्कृति, अनुवाद, कला, विज्ञान एवं प्रौद्योगिकी प्रशासनिक सेवा, शिक्षा, पत्रकारिता, समाज सेवा, शोधकर्ता, वैचारिक क्रान्ति के प्रणेता राष्ट्रभाषा हिन्दी के उन्नयन और विकास के प्रति समर्पित उन्न स्मिन्द्र के सिन्द्र सिन्द्र

आपकी उज्ज्वल भविष्य की शुभकामनाओं के साथ।

श्री डी. आर. दोहरे डॉ. पदम सिंह

अध्यक्ष गौतमबुद्ध पंचशील शोध-साहित्य-संस्कृति संस्थान, लखनऊ अध्यक्ष अ.भ.क.स. स.वि.शो.सं.ल. सचिव/प्रबन्धक केवलपत्ती रामआसारे महाविद्यालय, राजेन्द्र नगर बन्यरा, लखनऊ

Insul

शिक्षाविद् डॉ. आर. पी. वर्मा

समारोह-संयोजक एवं पूर्व अध्यक्ष उ०प्र० माध्यमिक शिक्षा सेवा चयन बोर्ड इलाहाबाद श्री नन्द किशोर

समारोह सह-संयोजक एवं अध्यक्ष, समाजशास्त्र-विभाग केवलपत्ती रामआसारे महाविद्यालय राजेन्द्र नगर, बन्थरा, लखनऊ ବ୍ୟୁ

**秦** 秦

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### लोक चेतना को समर्पित साहित्यिक मंच

सी.आर.पी.एफ. बाउंड्री पानी की टंकी, ज्वाला नगर, रामपुर - 244901, उ.प्र. (भारत)

### सम्मानीय

### डॉ. धर्मेन्द्र प्रताप सिंह जी

केरल



टिनो

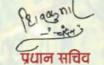
हिन्दी भाषा–साहित्य, संस्कृति और पत्रकारिता के समृद्ध विकास एवं सामाजिक कार्यों में उल्लेखनीय योगदान के लिए

### डॉ. भोलानाथ तिवारी राष्ट्रीय सम्मान

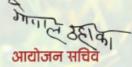
(2019) से अलंकृत करते हुए मंच परिवार आपके स्वस्थ, सुदीर्घ जीवन एवं उज्ज्वल भविष्य की कामना करता है। यह सम्मान भारत के विद्वान एवं भारत रत्न से सम्मानित महामना पं. मदनमोहन मालवीय जी, भारत के पूर्व प्रधानमंत्री एवं भारत रत्न से सम्मानित साहित्यकार, कवि श्री अटल बिहारी वाजपेयी जी तथा भारत भारती से सम्मानित साहित्यकार पद्मश्री डॉ. धर्मवीर भारती जी के जन्मदिवस (25.12.2020) के शुभ अवसर पर प्रदान करते हुए पल्लव काव्य मंच अपने को गौरवान्वित महसूस करता है।



डॉ**० रिव कुमार गोंड़** मो0 - 7807111737



शिव कुमार 'चंदन' मो0 - 6397338850

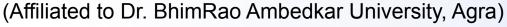


गोपाल 'ठहाका' मो0 - 7318137722



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### Dharmendra Pratap Singh

Assistant Professor, Department of Hindi & Comparative Lit., Central University of Kerala शीर्षक- "ऑनलाइन शिक्षण की चुनौतियां"

Who has successfully completed the 10 Days Online Workshop on "आत्मनिर्भर भारत के नए क्षितिज (कोविड-19 के परिप्रेक्ष्य में)" organized by NSS, Mahatma Gandhi Balika Vidyalaya (P.G.) College, Firozabad in collaboration with NSS Cell, Dr. B. R. Ambedkar University, Agra and UNICEF from 28th June to 7th July 2020.

We appreciate your participation.

Dr. Sandhya Dwivedi (Convener)

Dr. Nirmala Yadav

**Dr. Ramvir Singh Chauhan** 

(Patron / Principal) (Program coordinator, NSS)

Naveen Mahshwari

Dr. A.B. Chaubev

(Nodal Officer, NSS) (Organizing Secretary)





This certificate is proudly presented to

### Dr. Ram Binod Ray

Assistant Professor, Central University of Kerala, Department of Hindi and Comparative Literature for

Award for Contribution in Research & Development in Higher Education (Hindi)-2020

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05 Sep, 2020

Platform:Zoom



Dr Kirti Agarwal
Director, KAAV Media Pvt. Ltd., Delhi &
(Founder, & Chairperson
Global Research Foundation)

### निर्मला स्मृति साहित्यिक समिति (रजि॰)

लोहारू रोड, एम.सी. कॉलोनी, वार्ड न. 18 केनरा बैंक के पीछे, चरखी दादरी, हरियाणा (भारत) 127306



13वीं पृण्यतिथि के उपलक्ष्य पर हिंदी उत्सव

अंतरराष्ट्रीय साहित्यकार साहित्य सम्मान समारोह-(27 सितंबर, 2020)

### सम्मान-पत्र



डॉ. राम बिनोद रे (केरल)

आपकी अहर्निश हिंदी सेवा, भाषा, साहित्य, अनुवाद क्षेत्र व <mark>भारतीय</mark> संस्कृति के प्रति अनवरत लेखन से अनुप्राणित होते हुए विश्व के साहित्यकारों के सम्मान में आयोजित तरंग (वेब) समारोह में

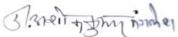
### 'निर्मला स्मृति हिंदी साहित्य रत्न सम्मान'

से अलंकृत करते हए गौरवान्वित हैं।



संरक्षक प्रो. नरेश मिश्र

पूर्व प्रोफेसर एवं अध्यक्ष हिंदी विभाग, निर्मला स्मृति साहित्यिक समिति हरियाणा केन्द्रीय विश्वविदयालय, महेन्द्रगढ़, हरियाणा (भारत)



### अध्यक्ष

डॉ. अशोक कमार 'मंगलेश'

चरखीँ दादरी, हरियाणा (भारत)

310 X-1911 2171

### उपाध्यक्ष

डॉ. सविता शमी

निर्मला स्मृति साहित्यिक समिति चरखीँ दादरी, हरियाणा (भारत)



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Held on -: 12 Oct 2020 at -Virtual Award Ceremony at A-3 /12 Janak Puri New Delhi

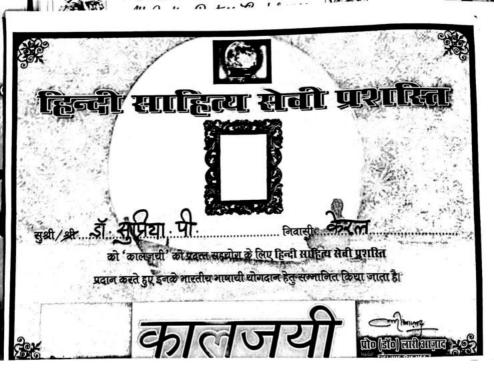


Convenor

Shallu Kumari , Head Marketing visit us at www.researchgateway.in

Rhanna.

**Organising Secretary** 



### INTERNATIONAL AIPC MAURITIUS كُل هند شاعره إجلاس अरिवल भारतीय कवियत्री सम्मेलन All India Doetess Conference

পধিস্ত ভাবতী বহিন্ত্রী দাঁ**মস্ত**ত **স**দিও পাষ্ট্রবাহ প্রথথিসী ন্ট্রবাহ দিখিল ডারত মহিলা-কবি সম্মেলন ಇರ್ದಿ ಆನಂಗರ ರಾವಾರಿ ರಸ್ತಿಂದು ಲಭಿರ ಭಾರತ ಕವಯಕುರ ನಮ್ಮೆಕನಂ ಅಖಲ ಭಾರತ ಕವಯಿತಿ,ಯರ ಸಮ್ಮೇಳನ അമില ടോതത കവയിത്തി സമ്മേജനം அടിലെ എട്ടിയുട്ട ഒബിങ്ങ് மாநாடு

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(Read. No. 987)

### 'The Dride of India'

Award has been conferred to



### Dr. Supriya P., Calicut

For her Outstanding Contribution to Indian Literature & Culture. She has Actively Participated in 14th AIPC International Mauritius during 12th to 17th June 2016 She has also presented a Research Paper.

Dr. Bindeshwar Pathak

Chief Patron

برودها

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کل هند شاعره اجلاس

সধিস্ত ਭਾਰਤੀ বহিন্ত্রী সীমস্তত সভিগে ભારતીય કવચિત્રી સંગેલન নিখিল ভারত মহিলা-কবি সম্মেলন ষষ্টিত অনুসাত্র নামান্ত প্রদ্ধিতনা তর্মত ফুটধ্র প্রমাঞ্জনত প্রক্রীয় প্রচিত এইত ফুটবর কর্মাঞ্জন এইডির അവില ഭാതന കവന്തിന്ത്രി സമ്മേളനം அടിലെ இந்தியக்கவிஞர் மாநாடு

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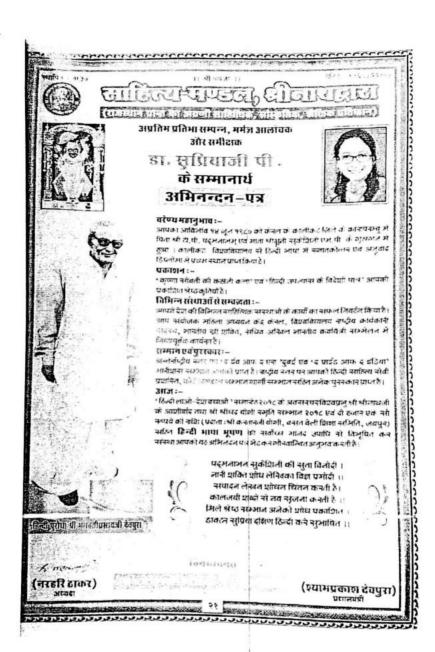
### सोलह्वां अधिवेशन, मेघालय: शिलांग ; 16" CONVENTION, MEGHALAYA: SHILLONG है 1 2 25-27 February 2016 का अधिकारी

आज ईसवी सन् दो हज़ार सोलह के फ़रवरी माह का छब्बासवा तारास्ट	بعوا
सुश्री/श्रीनित/Ms./مرّ مر Dy. SUPRIYA P.	
निवासिनी/R/O. KANNUR	को
) كُل سند شاعره إجلاس अस्विल गारतीय कविश्री सम्मेलन	(AIPC) के सोलहर्वे
अधिवेशन 🌙 मेंसाहित्य/अदब की	काव्य विधा/शायरी
सम्मान / एजाज से सम्मानित क्रिया जाता है।	

्रिक्ट डॉo विजयलक्ष्मी कोसगी अध्यक्षा ्री2\_\_\_\_ प्रोo रद्गीमलेट द्र्वार नहासबिव∕संघोजिका प्रो० (डॉ०) लारी आज़ाद संस्थापक

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সাধিস্ক ব্রুবরী বহিন্সী স্টামস্ত সভিবে পারেবাৰ প্রথমির ইনিবেল নিবিল ছারত মহিলা-কবি সম্মেলন আন অনুসাম নামান্ত বন্ধীনতা চক্ষত ফার্যন্ত প্রত্যান্ত কর্মান্ত কর্মান্ত কর্মান্ত কর্মান্ত কর্মান্ত কর্মান্ত কর্মান্ত কর্মান্ত ক্রিক্ত প্রাক্তির ক্রান্তির ক্রান্ত ক্রিক্তির ক্রান্তির ক্রান্ত ক্রান্ত ক্রান্ত ক্রান্ত ক্রান্ত ক্রান্ত ক্রান্ত ক্রিক্তান্ত ক্রান্ত ক্রান্ত

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### सत्रह्वां महाधिवेशन , पंजाब : चंडीगढ़ 17" MEGA CONVENTION, PUNJAB: CHANDIGARH अक्षेत्र महिल्ला 9 - 11 November 2017

श्याज ईस्परी सन दो हजार सञ्चाह के नवस्बर माह की दसवीं तारीस्व को

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सुश्री/श्रीमति/Ms./ محرّمه SUPRIYA. P
निवासिनी/R/O. KASAR GOD व
अस्विल भारतीय कवियत्री सम्मेलन گُل سند شاعره إجلاس (AIPC) के सत्रहर्वे महाधिवेशन
मीसाहित्य/अदब की काव्य विधा/शायरी व
उल्लेखनीय योगदान के लिए

िछ्ट इॉ. विजयलदमी कोसगी अध्यक्ष

रिसमरत सुमेरा

प्रो. स्ट्रीमलेट द्र्वार महासचिव ्रथाः १६८८ प्रो. (डॉ.) लारी आज़ाद संस्थापक

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### CERTIFICATE OF EXCELLENCE



Dr. Supriya. P

Assistant Professor Central University of Kerala Kasargod, Kerala

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For Her Loyalty, Diligence & Outstanding Performance In The Field Of Education

### ON THE OCCASION OF NATIONAL SEMINAR

Intellectuals' Social Resposibility 19th November 2017 At Bhubaneswar, Odisha

Chairperson

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### Centre for Advanced Research and Design

The Moard of Management of the Venus International Joundation based on the VIIIA 2018 Expert Committee Report and Apex Committee Recommendations hereby makes known that

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Central University of Kerala, India

O-HSNC1916

have conferred upon the award of

Outstanding Woman in Humanities and Social Sciences
for the contribution and achievement in the field of
Under Literature

Given under the seal of the Foundation



R. Sotter Junes

Dated - 3º March 2018 | Chennai 600088, Tamil Nadu, India

### Dr. Babasaheb Ambedkar Open University

AHMEDABAD, GUJARAT

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সাধিস্ত ভাবত্তী বহিন্ত্ৰী দাঁমসত সদিন পাংবাখ ধ্বথিসী संभेतन নিষিল ভারত মহিলা-কবি সন্মেলন <sup>এজিত ଭାରତୀୟ ନାରାଜବି</sup> සନ୍ଦିନନା ୭୩୦ ආජুই ধ্বయిక్రుల సమ్మేకనం ఆఖల భారತ ধ্বయిತ,యర ಸಮ್ಮೇ <sup>ఆ</sup>న അഖില ഭാതത കവന്തിത്രി സമ്മേനം அടിන இந்தியக்கவிஞர் மாநாடு



Joint Collaboration of DR. BABASAHEB AMBE

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### राष्ट्रीय महाधिवेशन, गुजरात, अहमदाबाद NATIONAL MEGA CONVENTION, GUJARAT, AHMEDABAD 23 - 25 November, 2018

आज ईसवी सन् दो हज़ार अठारह के नवम्बर माह की चौबीसवीं तारीख़ को

पद्मभूषण डॉ० विन्देश्वर पाठक मुख्य संरक्षक

डॉ. अमी उपाध्याय स्वागती /कुल सचिव प्रो. (डॉ.) लारी आज़ात

िर्द्धः डॉ. विजयलक्ष्मी कोसगी

डॉ. सुमन शर्मा

्री. स्ट्रीमलेट द्र्वार महासचिव

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## कथा यू.के. एवं काव्यधारा

डॉ. सुप्रिया पी, प्रो. केरल

उनकी भाषाई एवं आहित्यिक सेवाओं के तिये हिन्दी सेवी सम्मान से अलंकृत करते हुए स्थानः तंदन – दिनांक १४ जुताई २०१९ गौरवाठिवत अनुभव करते हैं।

तरण कुमार

हिन्दी अधिकारी – भारतीय उच्चयोग

काउंसलर ज़िक्या ज़ुबैरी संरक्षक – कथा यू.के.

अध्यक्ष – काव्यधारा सन्मुखे सिंह बड़शी





पंजीयन क्रमांक : 185/2006



### साहित्याचल

भीलवाड़ा, राजस्थान

कार्यालय-16 ए 14, रूकमणी निवास, बापू नगर, भीलवाड़ा (राज.)

माहित्यां वाति शिखर राज्यान राज्यान



श्रीमती डॉ. सुप्रिया पी. विजयरायरगोड (केरल

आपको उत्कृष्ट साहित्य सेवाओं के लिए साहित्यांचल परिवार

राशीलादेवी खमेरारा रमृति सम्मान"

से अंलकृत कर गौरवान्वित है।

आपके उञ्ज्वल भविष्य की कामना करते हैं।

रविवार, 22 सितम्बर 2019

रामपाल सोनी





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on Society India

Stupendous

ACTION OF ANY DESIGNATION AND THE PARTY AND

To felicitate, appreciate and recognize exceptional and Stupendous community from the field of education

### Best Teacher of The Year 2019

Proudly presented to

## Dr. Seema Chandran

### Central University kerala

For performing unique, commendable, resourceful and consistently significant contribution in the field of education.



2/42

Prof (Dr.) Ripu Ranjan Sinha President-Innovation Society, India





### हिमाक्षरा राष्ट्रीय साहित्य परिषद्

शष्ट्रीय अधिवेशन

### डॉ. सीमा चन्द्रन, सहायक आचार्य केरल केन्द्रीय विश्वविद्यालय, केरल

हिमाक्षरा राष्ट्रीय साहित्य परिषद् द्वारा आयोजित राष्ट्रीय अधिवेशन में आपकी बहुमुखी प्रतिभा, असाधारण योग्यता, प्रेरणापद सफलता, शिक्षा एवं साहित्य भूजन के क्षेत्र में किए गए विशिष्ट कार्यों के लिए संस्था आपको

### सावित्रीबाई फुले शिक्षा गौरव सम्मान-२०२०

सम्भान से सम्भानित करते हुए गर्व का अनुभव करती है । सफलताओं के दर्प से झिलमिलाते सुनहरे हरताक्षर आपके जीवन के प्रगतिपूर्ण, सुखमरा उल्लासपूर्वक अध्यायों का सृजन करें । अनन्त हार्दिक शुभकामनाओं के साथ.....

स्थान : सभागार, फैकल्टी ऑफ फैमिली एंड कम्युनिटी सायंस महाराजा संथाजीशव विश्वविद्यालय, बडौदा(गुजशत)

दिनांक : ८ मार्च २०२०

डॉ. गुनेश अध्यक्ष डॉ. वर्षा महासचिव

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Adarsh Vidya Saraswati Rashtriya Puraskar

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PRESIDENT

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सब बर्ढे

वशांति मानव संवा समिति

रजि0: AGR/08042 2018/2019



### सम्मान- पत्र

प्रधान कार्यालयः 11/38D, सीता नगर, रामबाग, आगरा - 6



पत्रांक:vsmss/253

दिनांक: 20/01/2020

यह सम्मान पत्र विश्वशांति मानव सेवा समिति की प्रथम वर्षगांठ एवं संस्था द्वारा प्रकाशित पत्रिका 'शांति पथ' के विमोचन कार्यक्रम के अवसर पर श्री.....जी को . तिञ्चत्रशाति. मानवः. सेवाः . सम्मान/उपाधि से उनके साहित्य/कला/पत्रकारिता/ प्रतियोगिता/ समाज सेवा के क्षेत्र में उत्कृष्ट/उल्लेखनीय योगदान हेतु प्रदान करते हुए संस्था अपने आप को गौरवान्वित अनुभव करती है।



अध्यक्ष जयकिशन सिंह (एकलव्य) पत्रकार, लेखक, सम्पादक एवं निर्देशक

प्रधान सम्पादक डॉ० शशिपाल वर्मा त्रैमासिक पत्रिका 'शांति पथ'

संयोजक मुकेश कुमार ऋषि वर्मा युवा साहित्यकार एवं फिल्म कलाकार

उपाध्यक्ष राकेश कुमार सह सम्पादक 'शांति पथ'

Email. ID: vsmssngoagra190@gmail.com Facebook: vsmss ngo agra You Tube : sms one tv Twitter: vsmssngoagra







### रेन्वणं भारत परिवार







### श्रीमती सीमा चंद्रन

आदरणीय महोदया (महोदय

आपके हिन्दी साहित्य अनुराग, अथक परिश्रम, समाज सेवा, दृढ संकल्प एवं समर्पित बहुमरूवी प्रतिभा से समाज लाभान्वित होता रहा है। आप विरासत में मिली परंपरा एवं संस्कृति का समाज में सदैव प्रचार प्रसार करने हेतू तत्पर रहते हैं। आपके द्वारा जन चैतन्य रचनाकृतियों ने साहित्य क्षिातेज में चार चांद लगाकर मॉ शारदे का मान बढाया है। आपके द्वारा हिन्दी भाषा को गौरवान्वित कर साहित्य परंपरा का बखूबी निर्वहन करते हुए आगामी पीढी को साहित्य मार्ग प्रशस्त कर गौरवमयी समृद्धि प्रदान की है।

आपकी साहित्य सेवा, भाषा के संरक्षण एवं पोषण तथा साहित्य के विकास प्रचार-प्रसार में समर्पण तथा अमूल्य योगदान के लिए राष्ट्रीय/अंतराष्ट्रीय प्रतिष्ठा के आधार पर चयन समिति की अनुशंसा पर आज

–: साहित्य गीरव:—

की उपाधि प्रदान की जाती है हम आपके उज्जवल भविष्य की कामना करते हैं।

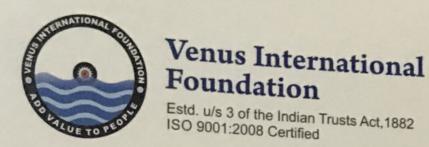
Pooyush Pandit

(inwach)

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### Center for Advanced Research and Design

The Board of Management of the Venus International Foundation based on the VIWA 2019 Expert Committee Report and Apex Committee Recommendations hereby makes known that

Dr. Seema Chandran Central University of Kerala, India

has been conferred upon the award of



O-HSNC533

Outstanding Woman in Humanities and Social Sciences for the contribution and achievement in the field of Hindi Language

Given under the seal of the Foundation



R. Sothish Junes



### भारतीय प्रौद्योगिकी संस्थान मुंबई

### धारूरकर चिन्मय विजय

को वर्ष 2016-2018 में भारतीय प्रौद्योगिकी संस्थान मुंबई से विद्या वाचस्पति की उपाधि की अपेक्षाओं को अंशीय पूर्णता में उनके उत्कृष्ट शोधकार्य के लिए

### श्रेष्ट शोध प्रबंध कार्य पुरस्कार

से सम्मानित किया गया है। इस पुरस्कार की घोषणा 11 अगस्त 2018 को आयोजित 56वें दीक्षांत समारोह में हुई है।

### Indian Institute of Technology Bombay

Dharurkar Chinmay Vijay

has been honoured with the

### Award for Excellence in Thesis Work

for the year 2016-2018 for the outstanding research contributions in partial fulfillment of the requirements for the degree of Doctor of Philosophy from the Indian Institute of Technology Bombay.

This award has been announced at the 56th Convocation of the Institute, held on 11th August 2018.



11 अगल 2018/11th August, 2018

nn र्रे

# NATIONAL FOUNDATION FOR ENTREPRENEURSHIP DEVELOPMENT (NFED)

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## WOMEN'S DAY AWARDS '2017



"We Elate Your Self To Be Elite"



# SENIOR WOMAN EDUCATOR & SCHOLAR AWARD

Educator & Scholar Award for her splendid contribution to Teaching & Scholarly activities in the Central University of Kerala, Periye, Kasaragod District, Kerala has been endorsed with Senior Woman field of Mathematics on 8th March '2017. NFED sincerely appreciates her commemorative services in This is to certify that Asst. Prof. Dr. Shaini P., Department of Mathematics, School of Physical Sciences developing the academic fraternity and student community.

Prof. A. K. Vishwakarma
Director

4WDA/SWESA/10

KVJ. Prof. Dr. R. Ganesan Chairman

### NATIONAL FOUNDATION FOR ENTREPRENEURSHIP DEVELOPMENT [NFED]

Coimbatore – 641 006, Tamil Nadu, India www.nfedindia.org | www.nfed.in | www.nfedawards.com

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### WOMEN'S DAY AWARDS '2017



"We Elate Your Self To Be Elite"



### OUTSTAND WOMAN EDUCATOR & SCHOLAR AWARD

This is to certify that Asso. Prof. Dr. Germina Augusthy K., Department of Mathematics, School of Physical Sciences, Central University of Kerala, Kasargod District, Kerala has been endorsed with Outstanding Woman Educator & Scholar Award for her astounding contribution to Teaching & Scholarly activities in the field of Mathematics on 8th March '2017. NFED sincerely appreciates her commemorative services in developing the academic fraternity and scholarly community.

Prof. A. K. Vishwakarma Director

WDA/OWESA/02





# AWARD FOR EXCELLENCE IN PROMINENT EDUCATIONIST OF AISA

Certificate of Excellence
Presented to

# DR. GERMINA K. AUGUSTHY

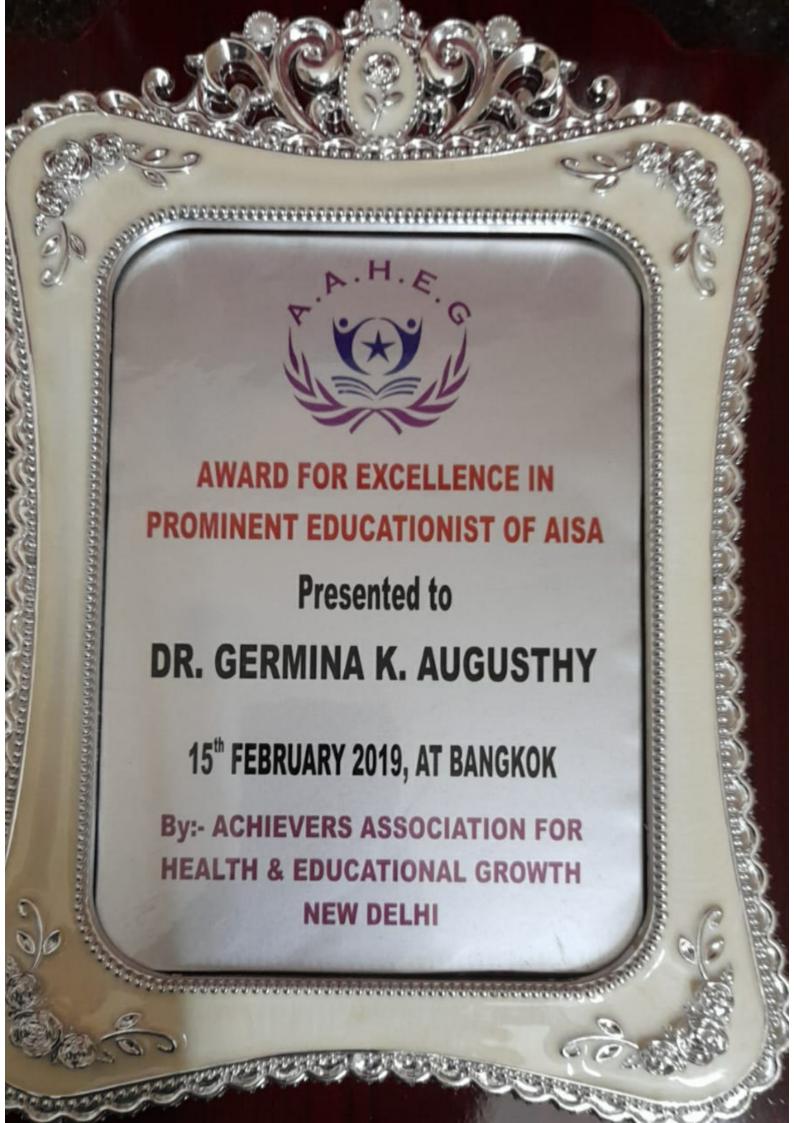
FOR OUTSTANDING ACHIEVEMENTS AND REMARKABLE ROLE IN THE FIELD OF EDUCATION

15th FEBRUARY 2019, AT BANGKOK By:- ACHIEVERS ASSOCIATION FOR HEALTH & EDUCATIONAL GROWTH NEW DELHI

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H. S. RAWAT

Secretary



#### SB/WEA-15/2016

### SCIENCE & ENGINEERING RESEARCH BOARD (SERB) (A statutory body under the Department of Science & Technology)

Technology Bhavan, New Mehrauli Road, New Delhi - 110016.

Dated: 02/08/2017

#### ORDER

Subject: Grant for SERB Women Excellence Award to Dr. (Ms.) L. Divya, Department of Animal Sciences, School of Biological Sciences, Central University of Kerala, Riverside Transit Campus, Nileswar, Kasaragod, Kerala - 671 328., E-mail: divyaal@gmail.com - Release of grand.

In continuation to sanction order of even number, dated: 27/03/2017, sanction of the Science and Engineering Research Board (SERB) is here by accorded for the payment of a sum of Rs.5,00,000/- (Rupees Five Lakh Only) as the grant for the year 2017-18 for the above mentioned project. Sanction of SERB is also accorded to carry forward the unspent balance of Rs.1,00,000/- from the previous financial year to the current financial year for the same purpose for which it was sanctioned.

- 2. Sanction of the grant is subject to the 'Terms & Conditions' available at website <www.serb.gov.in>.
- 3. It is certified that provision of 212 relating to the UCs for the funds released earlier to this project have been satisfied and the UC/s is/are enclosed.
- 4. The expenditure involved is debitable to "Fund for Science & Engineering Research" for the year 2017-18 (Plan Expenditure - under recurring head) This release is made under the program "SERB Women Excellence Award"
- 5. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/3902/2017-2018, dated: 28/07/2017.
- 6. The amount of Rs.5,00,000/- (Rupees Five Lakh Only) in question under 'Grants-in-aid General" will be drawn by the Under Secretary, SERB and will be disbursed by means of DD favoring "The Registrar, Central University of Kerala, Kasaragod, Kerala" and send it to the Regisrar, Central University of Kerala, Kasaragod, Kerala or by means of RTGS transaction er their Bank details given hellow:

s per their Bank details given be Name of Account Holder (as per the Bank record)	The Registrar, Central Silversity
(as per the bank record)	42042200069750
Account Number	- L Barius Branch Pariya Kerala - 671
Bank Name & Branch	Syndicate Bank, Periya Branch, Periya, Kerala – 671 316
IFSC/RTGS Code	SYNB0004704
E-mail of Institute authority	registrar@cukerala.ac.in
E-mail of SERB officer	doyiltv@nic.in

- 7. As per rule 211 of GFRs, the accounts of Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.
- 8. The institute will furnish to the SERB, Utilization certificate and an audited statement of accounts etc, pertaining to the grant, immediately after the end of each financial year. A brief consolidated progress report may be sent at the end of each financial year and also on completion of the tenure, along with financial documents. The unspent balance if any after the tenure of the grant should be returned to SERB by means of a Demand Draft favoring, 'FUND FOR SCIENCE AND ENGINEERING RESEARCH', payable at New Delhi.. contd. p.2

- 9. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- 10. 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 Sciences & Technology (DST), Govt. of India should invariably be highlighted / acknowledged in their media release as well as in bold letters in the opening paragraphs of their Annual Report.
- 11. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project /programme funded by Science & Engineering Research Board, a statutory body of the Department of Sciences & Technology (DST), Govt. of India.
- 12. The institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

(Doyil T.Vengayil) Scientist-E

Copy forwarded for information and necessary action to: -

- 1. The Principal Director of Audit, A.G.C.R Building, III Floor, I.P. Estate, Delhi- 110002.
- Copy with three spare copies of the sanction to the Under Secretary, SERB, New Delhi.
- 3. The pay & Accounts officer, SERB, New Delhi.
- 4. Sanction Folder, SERB New Delhi.
- 5. File Copy- 2 Nos
- 6. Dr. (Ms.) L. Divya,
  Department of Animal Sciences,
  School of Biological Sciences,
  Central University of Kerala,
  Riverside Transit Campus,
  Nileswar, Kasaragod, Kerala 671 328,
  E-mail: divyaal@gmail.com
- 7. The Registrar, Central University of Kerala, Riverside Transit Campus, Nileswar, Kasaragod, Kerala - 671 328,

(Doyil T.Vengayil) Scientist – E



## Society for Alternatives to Animal Experiments (SAAE)

C/o National Centre for Alternatives to Animal Experiments (NCAAE)

Bharathidasan University, Tiruchirappalli 620024

Tamil Nadu, India

E.mail: saae.india@gmail.com; Phone (O): 0431-2407117; Mobile-President:+91-9868868457; Mobile-Secretary:+91-9790995854

President: Dr. Yogendra K. Gupta, Prof of Pharmacology, AIIMS, New Delhi, India (Retd)

General Secretary: Dr. Mohammad A. Akbarsha, Research Coordinator, National College, Tiruchirappalli, India

Formerly, Director & Chair, Mahatma Gandhi-Doerenkamp Centre for Alternatives, Bharathidasan University, Tiruchirappalli, India

Treasurer: Dr. B. Kadalmani, Additional Coordinator, NCAAE, Bharathidasan University, Tiruchirappalli, India

Reg. No. SRG/Trichy/10/2019

04.01.2020

Dear Dr. L. Divya,

I am very pleased to tell you that you have been selected for the Episkin – L'oreal Research and Innovation travel award by duly constituted team of adjudicators at the 2<sup>nd</sup> National Conference of the Society for Alternatives to Animal Experiments (NCAAE – 2019) organized by National Facility for Biopharmaceuticals (NFB), G.N. Khalsa College, Mumbai, on 13<sup>th</sup> and 14<sup>th</sup> December, 2019.

This is in recognition of your commendable research admirably presented. The award consists of Rs.10,000/- in cheque. Accordingly, cheque No. 496682 for Rs.10,000/- as above and the certificate are enclosed.

On behalf of SAAE, I wish you all the very best in your endeavor as a scientist.

Yours sincerely,

General Secretary, SAAE

23:34 (7)

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### Dr. Arun Damodara...









Dr. Arun Damodaran Pournami House Thikkodi Po, Kozhikode Kerala 673529 India

January 27, 2020

Designated Learning Institution Number: O19425660270

Dear Dr. Damodaran,

I am pleased to extend this official invitation to you to join us at the University of Regina from March 1, 2020 to February 28, 2021 as a Visiting Postdoctoral Fellow. You will be working with Dr. John Stavrinides, Faculty of Science.

We understand that you will financially supported by the Faculty of Science and that you will be responsible for your own expenses, accommodation, local transportation, insurance, food, books, and supplies. While here you will be provided access to the University Library and other facilities.

Please note that your appointment will be as a Visiting Postdoctoral Fellow, which is not intended for individuals wishing to pursue an advanced degree. A request to transfer your status to that of a graduate student during the term of your appointment will not be permitted.

It is important to note that you will need to apply for a work permit through Citizenship and Immigration Canada well in advance at http://www.cic.gc.ca/english/

For Program Fee Information, please visit. https://www.uregina.ca/international/global-traininginitiatives/visiting-scholars/overview.html. Please note that the program fees are non-refundable. Online payments can be made via Peer Transfer at: https://payment.flywire.com/pay/payment

Should you have any questions or concerns, please do not hesitate to contact your faculty host Dr. John Stavrinides by e-mail at: john.stavrinides@uregina.ca or UR International Global Training Initiatives by e-mail at: Faculty Mobility Suregina.ca or by telephone at (306) 337-2668.

We would appreciate knowing when your visa is approved and what your flight schedule will be once it has been finalized as we will arrange to have someone at the airport to meet you.

Open Your World

Thank you for your interest in the University of Regina and we look forward to meeting you here in Regina.

Yours sincerely.

Thomas Chase, PhD

Provost and Vice-President (Academic)

Cc Dr Douglas Farenick, Acting Dean, Faculty of Science

Cc Dr John Stavrinides, Faculty of Science







University of Regina



Arun
Damodaran
200471778
STAFF



21957002509665



## Central University of Kerala

Tejaswini Hills, Periya (P.O), Kasaragod (Dist.), Kerala - 671 316.



## National Science Day Celebration-2019

Science for People and People for Science Communicating Science for All

## CERTIFICATE

This is to certify that *Mr. Aran Damodaran*, Research Scholar, Department of Animal Science, CUK has participated in the "Research Scholar research work oral presentation" and won Second prize on the occasion of National Science Day Celebration-2019 at Central University of Kerala, Periya, Kasaragod held during 18-28 February 2019.

Prof. (Dr.) G. Gopa Kumar Vice Chancellor

Central University of Kerala

Dr. A. Sakthivel

National Science day celebration 2019

# International Conference on Advances in Biotechnology and Biotherapeutics



ICAIBBS - 2017

08th - 10th March, 2017
www.icabbs2017.com



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## CERTIFICATE OF BEST PAPER AWARD

It gives us a great pleasure to award this certificate to	Dr./Mr./Ms. Arun Damodaran (1026A)		
of Central University of Kerala	for the Best Paper Entitled		
Antimicrobial, antioxidant and anticancerous	properties of Skin Secretions of Ichthyophis tricolor		
Gregeneophis ramaswamii, and Uracotyphlus	oxyrus (Gymnophina) from Western Ghats, India.		
in the International Conference on "Advances in Biotechnology and Biotherapeutics" (ICABBS-2017)			
organized by Sathyabama University, Chennai, India during March 08th to 10th, 2017.			

Dr. T. SASIPRABA
Organizing Secretary
ICABBS-2017

Dr. MARIAZEENA JOHNSON
PRO CHANCELLOR
Sathyabama University, Chennai

Dr. MARIE JOHNSON
VICE PRESIDENT
Sathyabama University, Chennai



## The 11th International Congress of Vertebrate Morphology

29 June – 3 July 2016 at the Bethesda North Marriott Hotel & Conference Center

Bethesda, MD

This is to certify that

Arun Damodaran

affiliated with

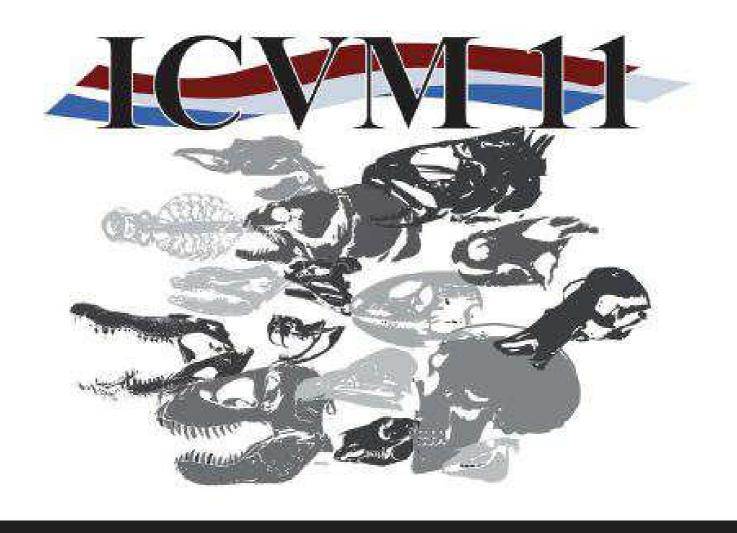
PhD Scholar, India

Attended the 11<sup>th</sup> International Congress of Vertebrate Morphology and

<u>Presented at the meeting:</u> Ultrastructural study of the skin of three caecilians (*Ichthyophis tricolor, Uraetyphlus oxyurus, and Gegeneophis ramaswamii*) from Western Ghats, India

On behalf of the International Society of Vertebrate Morphology

Jul Dupa 1/3/16



# PROGRAM

The 11th International Congress of Vertebrate Morphology



#### Program & Abstracts of the 11th International Congress of Vertebrate Morphology, Washington, DC 2016

#### POS2-784:30 pm

Ultrastructural study of the skin of three caecilians (*Ichthyophis tricolor*, *Uraeotyphlus oxyurus*, and *Gegeneophis ramaswamii*) from Western Ghats, India.

Damodaran Arun\*, Central University of Kerala, Kerala, India; Ramachandran K, Government College Madappally, Kerala, India; Akbarshah M A, Bharathidasan University, Thiruchirapally, Tamil Nadu; Oommen V O, Kerala State Biodiversity Board, Kerala, India; Divya Lekha, Central University of Kerala, Kerala, India . aruunnd@gmail.com

Abstract: The aim of the present study is to investigate the skin structure of three adult caecilians belonging to Ichthyophiidae such as Ichthyophis tricolor, Uraeotyphlus oxyurus, and Indotyphlidae as Gegeneophis ramaswamii. The SEM and TEM observations of their skin shows that skin is segmented with numerous glandular outlets in the dorsal, ventral and lateral regions. Round, oval, and polymorphic shaped glandular outlets were distributed in the skin. Ichthyophis tricolor skin has both collar type and funnel type glandular outlets but Uraeotyphlus oxyurus and Gegeneophis ramaswamii has only collar type glandular outlet. Pore size and pore distribution in the skin are different in three species. The glandular outlets are situated on borders between adjacent cells and near one of the angles of the multifaceted epithelial cells in all the three species. Skin of Gegeneophis ramaswamii has many grooves distributed in the dorsal, lateral, and ventral skin surfaces along with the glandular outlets. These grooves were not present in skin of *Ichthyophis tricolor* and *Uraeotyphlus oxyurus*. Skin has irregular shaped epidermal cells having microridges in them. Dorsal skin observed under TEM shows three layers of epidermis, stratum corneum, stratum spinosum, and stratum germinativum followed by the dermal layer. Flask shaped cells and merkel cells are also found in the epidermis. Two types of glands, mucus and granular glands, are present in Ichthyophis tricolor and Uraeotyphlus oxyurus but Gegeneophis ramaswamii has only mucus gland. They were distributed in the dermis layer. Secretary granules are present in the granular glands. Mucus secreting granules are present in mucus glands. Both glands are layered by myoepithelial cells. This is the first report on the skin, skin glands, and glandular outlets of these three caecilian species. We hope that this study will penetrate deeper in to the knowledge about the skin morphology and poison biochemistry and pharmacology of these three species. Acknowledgements: DBT-BioCaRe, KSCSTE JRF.

Anatomical Record, Volume 299, Special Feature — 261