

**GOVT. HOLKAR (MODEL AUTONOMOUS)  
SCIENCE COLLEGE, INDORE**



(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)



# SSR DOCUMENT

2017-18 TO 2021-22

## CRITERION – 3

### Research, Innovations and Extension

**Metric No. : 3.1.3**

**Document Title:**

**E- Copies of the Award Letters of Teachers**

तमसो मा ज्योतिर्गमय



**2017–2023**

**Content**

<b>S. No.</b>	<b>Detail</b>	<b>Page Number</b>
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**Government Holkar (Model Autonomous) Science College, Indore (M.P.)**  
**Bhawarkuan, A.B. Road, Indore (M.P.) 452001**

**E-Copies of the Award Letters of Teachers**  
**Academic Year 2017–2022**

Name of the teacher received the national/ international fellowship/financial support	Name of the fellowship	Financial support (amount in INR)	Purpose of the grant	Stature of fellowship (national/International)	Awarding Agency	Year of Award
Dr. Chitranjan Sharma	Paper Presentation	-	Travel	International	Romanian academy and academy of Romanian Scientists	2017
Dr. Netram Kaurav (International Support)	Travel Grant to present Research Paper in Int Conf. at SPO-19, Ukraine	65746	Travel Grant to attend International Conference and present research paper	International	DST (SERB), New Delhi	2019
Dr. M.M.P. Shrivastava	Gold Medal	-	Senior Scientist	National	Zoological Society of India	2019
Dr. M.M.P. Shrivastava	Baba Jadhav Award - 2019	-	For Outstanding Academic Contribution and Achievements in the field of life sciences.	International	Society of Life Sciences	2019

Dr. M.M.P. Shrivastava	International Research Excellence Award 2021	-	Research Excellence in Zoology	International	Center for Professional Advancement Continuous Education - CPACE	2021
Dr. Vivek Raich (National Support)	Travel and Hospitality	10000	Invitation – Prof. Vivek Raich - as Invited Speaker 6th International Conference of Vijnana Parishad of India on Recent Advances in Computational Mathematics and Applied Sciences (IC-RA-CMAS-2022) held during December(9th–11th), 2022	National	Vidya Bharti Uchcha Shiksh Santhan, New Delhi	2022





The 25<sup>th</sup> Annual Conference on  
Applied and Industrial Mathematics

CAIM 2017

To Professor Sharma Chitaranjan,  
Government Girls College Dhar M.P. India,  
INDIA. drsharma3@gmail.com

INVITATION

Dear Professor Sharma CHITARANJAN,

We have the pleasure to invite you to attend, during 14 – 17 September 2017 at the University of Iasi – Romania, the proceedings of the 25<sup>th</sup> International Conference on Applied and Industrial Mathematics CAIM2017, organized by the Romanian Society of Applied and Industrial Mathematics - ROMAI in collaboration with the "Al. I. Cuza" University of Iasi, the Institute "Gh. Mihoe - C. Iacob" of Mathematical Statistics and Applied Mathematics of the Romanian Academy (Bucharest), and the Academy of Romanian Scientists (Bucharest).

Moreover, we ask you kindly to deliver a **presentation** in our Conference of the accepted paper

*"Model For The Waiting Time Of First Conception Bayesian Approach To Probability".*

General information concerning the Conference can be found at the webpage  
[http://www.romai.ro/conferintele\\_romai/caim2017\\_en.html](http://www.romai.ro/conferintele_romai/caim2017_en.html)

We are looking forward to meeting you in Iasi.

With best regards,

On behalf of the Organizing Committee

dr. Costică MOROȘANU  
ROMAI President



## A Parallel System with Arrival and Maximum Repair Time of the Server

Chitaranjan Sharma

*Government Girls College Dhar M.P. India*  
e-mail: drcsharma3@gmail.com

An attempt has been made to discuss a parallel system of two identical units in which some arrival time is given to the server for carrying out repair activities. The server repairs the unit at its failure up to a maximum repair time. If repair of the unit by the server is not possible in the time, it is replaced by new one with some replacement time. The failure time of the unit and the time to which unit undergoes for replacement are exponentially distributed while the distributions of arrival time of the server, repair and replacement time of the unit are taken as arbitrary with different probability density function. The semi-Markov process and regenerative point technique are used to derive the expressions for various reliability measures of the system model. The graphical study of the results obtained for a particular case has also been made.

## On the Strong Convergence for Negatively Orthant Dependent Random Variables

Zahra Shokooh Ghazani

*Department of Mathematics, Central Tehran Branch, Islamic Azad university, Tehran, Iran*  
e-mail: zah.shokooh\_ghazani@iauctb.ac.ir

In this paper, we present some results on the complete convergence for arrays of negatively orthant dependent (NOD, in short) random variables by using the Rosenthal-type inequality, Kolmogorov exponential inequality and the truncation method. the result is an improvement of complete moment convergence and the Marcinkiewicz-Zygmund type strong law of large numbers for NOD random variables.

### Bibliography

- [1] A. T. Shen, Y.Zhang, A.Volodin, Applications of the Rosenthal-type inequality for negatively superadditive dependent random variables, *Metrika* 78, (2015), pp. 295-311.
- [2] X.J.Wang, S.H.Hu, Complete convergence and complete moment convergence for martingale difference sequence, *Acta Mathematica sinica, English series* 30 (2014), pp. 119-132.
- [3] A.Bozorgnia, R.F. Paterson, R.L. Taylor, limit theorems for dependent random variables, *World Congress of Nonlinear Analysis* 92 Berlin, Walter de Gruyter (1996) 1639-1650.

# ZOOLOGICAL SOCIETY OF INDIA

(Estd. 1938)

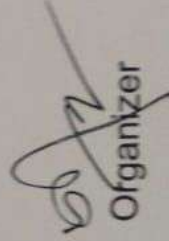
(Registered under Society Registration Act XXI, 1860, Regd. No. 302/2002-2003)

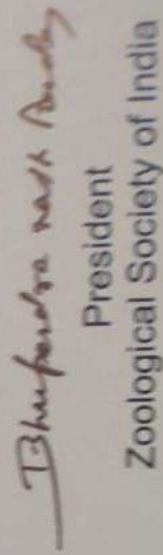


Zoological Society of India has great pleasure in presenting the award of Gold medal to  
Dr./Prof./Ms. Man Mohan Prakash Shrivastava, Holkar Sci. Coll. Indore for his/her best/ second  
best performance in Young Scientist/Senior Scientist/Paper presentation/Poster presentation  
award. Programme held during Dec 14-15, 2019 All India Congress of Zoology.

Date : 15 December, 2019

Place : INDORE

  
Organizer

  
President  
Zoological Society of India





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CONTINUOUS EDUCATION - CPACE

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in the Global Annual Education & Research Summit 2021

acknowledges the invaluable contribution of

**DR. MAN MOHAN PRAKASH SHRIVASTAVA**

and is pleased to present this prestigious

**INTERNATIONAL RESEARCH  
EXCELLENCE AWARD 2021**

in appreciation to the teaching & research excellence in

**ZOOLOGY**

Conferred on Dec 18<sup>th</sup>, 2021

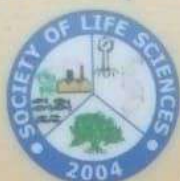
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DR. RATNAKAR D BALA  
PRESIDENT



# Society of Life Sciences

SATNA (M.P.)



**T**he Society of Life Sciences has a great pleasure in announcing that the executive committee of society has unanimously resolved that **Dr. M. M. Prakash, Professor & Head, Govt. Holkar Science College, Indore (M.P.)** be awarded **Prof. Baba Jadhav Award-2019** in recognition of his outstanding academic contribution and achievements in the field of Life Sciences.



This medal is awarded on the occasion of 8<sup>th</sup> Annual Session of SLS and International Conference on **"Recent Advances in Life Sciences for Betterment of Environment and Human Health"** Organized by Department of Zoology, Govt. Holkar Science College, Indore (M.P.) from 14<sup>th</sup> to 15<sup>th</sup> December, 2019.

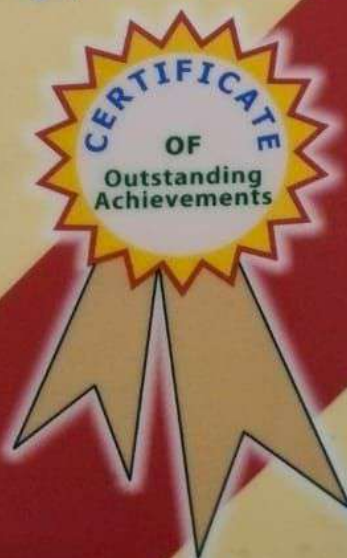
**We wish him success in every walk of life.**

*Amanver*

(Dr. A. K. Pandey)  
Working President  
The Society of Life Sciences

*Shiv Prasad*

(Prof. Shiv Prasad Singh)  
General Secretary  
The Society of Life Sciences



Indore (M.P.)  
14<sup>th</sup> December, 2019



FILE NO. ITS/2019/004147  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)


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

Dated: 01-Jan-2020

**ORDER**

Subject: Reimbursement of travel grant to **Dr. Netram Kaurav ( Senior Scientist )**, Physics, Holkar Science College , Holkar college campus, ab road, bhanwar kuan, indore, Indore, Madhya pradesh-452010 for attending "20th International Young Scientists Conference "Optics & High Technology Material Science, SPO 2019", Ukraine (26 September, 2019 to 29 September, 2019)" held in "Kyiv, Ukraine".


1. Sanction of the **Science & Engineering Research Board (SERB)** is here by accorded to the payment of a sum of **Rs. 65746/- (Rs. Sixty Five Thousand Seven Hundred and Forty Six Only)** for meeting the expenses incurred towards participating in the above International event.
  2. Sanction of the grant is subject to the condition as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in) and [www.serbonline.in](http://www.serbonline.in) ).
  3. The expenditure involved is debitable to "**Fund for Science & Engineering Research (FSER)**".
  4. **This grant is being reimbursed under the ITS scheme.**
  5. The Sanction has been issued to Holkar Science College, Holkar College Campus, AB Road, Bhanwar Kuan, Indore with the approval of the competent authority under delegated powers on **26 December, 2019** and vide Diary No. **SERB/F/8331/2019-2020** dated **31 December, 2019**.
  6. The release amount of **Rs. 65746/- (Rupees Sixty Five Thousand Seven Hundred and Forty Six only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:
- |                               |  |
|-------------------------------|--|
| <b>PFMS Unique Code</b>       | <b>MPIN00004168</b>  |
| <b>Account Name</b>           | <b>Principal Holkar Science College</b>  |
| <b>Account Number</b>         | <b>53015687345</b>   |
| <b>Bank Name &amp; Branch</b> | <b>State Bank of India Holkar Sci. College Campus, A. B. Road, Bhawarkuna, Indore (MP)</b> |
| <b>IFSC/RTGS Code</b>         | <b>SBIN0030467</b>   |
| <b>Email id of A/C Holder</b> | <b>principalhsc@rediffmail.com</b>   |
| <b>Email id of PI</b>         | <b>netramkaurav@yahoo.co.uk</b>  |
7. It is certified that original boarding passes have been received along with other documents and retained in the Board.
  8. In the eventuality of any excess payment arising on account of typographical errors, etc., the excess amount should be refunded immediately to the Science and Engineering Research Board (SERB) by way of an a/c payee cheque in favour of the "Fund for Science & Engineering Research". Non-compliance would lead to the SERB initiating recovery procedures which would also attract applicable penal interest which would be decided by the SERB.
  9. In case of any discrepancy you may contact **ITS Section** at [ms.its@serb.gov.in](mailto:ms.its@serb.gov.in).

  
**(Dr. Rajwant)**  
Scientist E  
[ms.its@serb.gov.in](mailto:ms.its@serb.gov.in)

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<b>Dr. Netram Kaurav ( Senior Scientist )</b> <b>Physics</b> <b>Holkar Science College , Holkar college campus, ab road, bhanwar kuan, indore, Indore,</b> <b>Madhya pradesh-452010</b> <b>Email: netramkaurav@yahoo.co.uk</b> <b>Mobile: 919425957755</b>
5.	<b>Principal,</b> <b>Holkar Science College, Holkar College Campus, AB Road, Bhanwar Kuan, Indore</b>

  
(Dr. Rajwant)  
Scientist E  
ms.its@serb.gov.in



**CONFERENCE CONVENER**

**DATE: 06-10-2022**

To  
Prof. Vivek Raich,  
Govt. Holkar Science College,  
Indore

**Respected Professor,**

**Sub.: Invitation – Prof. Vivek Raich - as Invited Speaker - 6<sup>th</sup> International Conference of Vijnana Parishad of India on Recent Advances in Computational Mathematics and Applied Sciences (IC-RA-CMAS-2022) held during December(9<sup>th</sup>– 11<sup>th</sup>), 2022.**

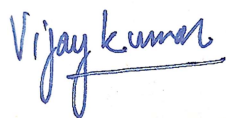
Having witnessed your rich Career Profile in the field of Mathematics and Statistics, the technical committees of the conference, humbly solicit you as **Invited Speaker** in the above mentioned conference at Faculty of Engineering & Technology, Manav Rachna International Institute of Research & Studies (MRIIRS), Faridabad, Haryana INDIA.

**We submit to your kindness that, you are requested to arrange travel by yourself as we are constrained in terms of budget. However, local hospitality will be provided.**

You are requested to acknowledge the same and forward your consent as earlier as possible.

Looking forward for your valuable cooperation and active participation in IC-RA-CMAS-2022 on the confirmed day, date and time to make the conference a grand success.

Thanking you.  
With greetings,



Prof. Vijay Kumar  
Convener, IC-RA-CMAS-2022  
Email: vijaykumar.fet@mriu.edu.in  
Mobile: +91 9891122933

TRANSACTION ID - 100003789486109

Thank You SANJAY SINGH . We have also sent the booking details to: \*\*\*\*\*stmd@gmail.com & +91-998\*\*\*\*493



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Thu, 08 Dec

Fri, 09 Dec

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Current Status

Confirmed

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Berth Type

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