RESUME

Dr. KIRTI VERMA

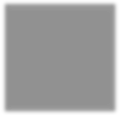
Dean Academics , Associate Professor & Head

**Department of Engineering Mathematics, Lakshmi Narain College Of Technology, Jabalpur.**

**Email Id - (**[**kirtivrm3@gmail.com**](mailto:kirtivrm3@gmail.com)**)**

**Mobil NO: 9926980262, 9826553397**

**ADD: H.NO. 2042 BEHIND PUNJAB AND SINGH SUHAGI, JABALPUR , PIN CODE - 482004**



**ORCID:**[**https://orcid.org/0000-0003-4658-9722**](https://orcid.org/0000-0003-4658-9722)

GOOGLE SCHOLAR ID: <https://scholar.google.com/citations?user=iUOZGT8AAAAJ&hl=en&oi=sra>

RESEARCH GATE ID:[https://www.rsearchgate.net/profile/Kirti - Verma- 7](https://www.rsearchgate.net/profile/Kirti%20-%20Verma-%207)

SCOPUS ID: 57361553400

Aadhar Card No: 212153147951

PAN No. : AKCPV7759D

Career Objective: Dedicated to creating a positive learning environment and making a difference in student’s lives by providing them superior teaching skills.

Proposed Thesis Title: APPLICATION OF I – FUNCTION OF MULTIVARIABLES AND ITS APPLICATIONS.

Academic Qualification:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **CLASS** | **COURSE** | **INSTITUTE** | **BOARD/**  **UNIVERSITY** | **SUBJECT**  **GROUP** | **YEAROF**  **AWARD** | **%&**  **DIV.** |
| 1. | 10TH | Science | MODEL SCHOOL, BPL | M.P.BOARD | ALL COMPULSORY SUBJECT | 1999 | 57/II |
| 2. | 12TH | Science | MODEL SCHOOL, BPL | M.P.BOARD | PCM | 2001 | 67/I |
| 3. | Diploma (Technical) | PGDCA | MAHARSHI UNIVERSITY, BPL | MAHARSHI UNIVERSITY | ALL COMPULSORY SUBJECT | 2008 | 59/I |
| 4. | GRADUATION | B.Sc. | M.L.B. COLLEGE,BPL | B.U.BPL | PCM | 2005 | 55/II |
| 5. | POST -GRADUATION | M.Sc | M.L.B. COLLEGE,BPL | B.U.BPL | MATHEMATICS | 2007 | 72/I |
| 6. | DOCTORATE | P.hD | S.S.L JAIN COLLEGE VIDISHA | B.U.BPL | MATHEMATICS  SPECIAL FUNCTION | 2015 | |
| 7. | B.Ed | Science | MILLINNIUM COLLEGE OF EDUCATION | B.U.BPL | ALL COMPULSORY SUBJECT | 2021 87.8/I | |

**Academic Experience: 14*years 04months***

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| --- | --- | --- | --- | --- | --- | --- |
| **S.**  **NO.** | **ORGANIZATION** | **DESIGNATION** | **FROM**  **(Date of Joining)** | **TO DATE**  **(Date of Leaving)** | **TOTAL EXPERIENCE** | **TYPE OF WORK** |
| **1** | **LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, JABALPUR** | Dean Academics , Associate Professor & Head | **10/10/2022** | **TILL** | **8 MONTH** | **Teaching** |
| **2** | **LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL** | **Asso.prof** | **1/2/16** | **7/4/2022** | **6** | **Teaching** |
| **3** | **MILLENNIUM INSTITUTE OF TECHNOLOGY,BHOPAL** | **Asst. Prof** | **8/9/11** | **30/1/16** | **4** | **Teaching** |
| **4** | **RKDF, BHOPAL** | **Asst. Prof** | **8/3/10** | **5/5/11** | **1** | **Teaching** |
| **5** | **WOMENS POLY. JABALPUR** | **Asst. Prof** | **3/8/9** | **31/12/9** | **1** | **Teaching** |
| **6** | **MAHARSHI VIDYA MANDIR,BHOPAL** | **PGT** | **7/7/8** | **1/4/9** | **1** | **Teaching** |
| **7** | **PRAGYA VIDYALAYA,BHOPAL** | **PGT** | **1/6/2007** | **30/4/2008** | **1** | **Teaching** |

PROFESSIONAL BODIES MEMBERSHIP DETAILS: 01

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. NO.** | **PROFESSIONAL BODY** | **MEMBERSHIP**  **No.** | **MEMBERSHIP TYPE** | **ACTIVE FROM** | **REMARKS** |
| 1. | ISCA | A2081 | LIFE TIME | 2013 | NIL |

Achievements:

1. Committee member for college inspection Barkatullah University Bhopal.
2. Merit holder M.Sc. 2007.
3. N.C.C with “A”, “B”, “C”Certificate.
4. Technical committee member (as a reviewer), International Conference on Emerging Technology In Electrical & Electronics Engineering, (ICETEEE-2020) 06-07, Feb,2020, JAIPUR, INDIA, website:[http://iceteee.net](http://iceteee.net/).
5. InternationalAdvisorycommitteememberin“2ndInternationalConferenceonAdvancingKnowledgefrom Multidisciplinary Perspectives in Engineering & Technology- (ICAKMPET) as a Virtual Conference 24 th– 25th June, 2020, ISTANBUL.TURKEY,website:

<https://www.icakmpet.com/international-advisory-committee.php>.

1. International Advisory committee member in International Conference on Recent Challenges in Engineering and Technology (ICRCET - 2020)as a Virtual Conference 30th– 31St October,2020. ,website:<https://www.icrcet.org/advisory-committe.php>
2. Member of Panel for Reviewers in IJAAC(InternationalMulti–DisciplinaryjournalforAdvancementin Academic, Pure Sciences & concedeTechnology)[www.IAACSOCIETY.COM](http://www.iaacsociety.com/)
3. Editorial board Member in ijsmrt (International journal of scientific Modern Research and Technology) [www.ijsmrt.com](http://www.ijsmrt.com/) ISSN: 2582 -8150.
4. Technical committee member (as a reviewer), International Conference on GLOBAL ENTREPRENEURSHIP TRENDS & EMPOWERMENT THROUGH INNOVATION, (ICGETEI-2021) 05-06, MARCH,2021 Amity University Rajasthan, JAIPUR, INDIA, website:[https://ICGETEI.in](https://icgetei.in/)
5. Invited keynote speaker in international webinar held on 8 th march 2021 organized by NEPF Pharmacy Association Uttar Pradesh.
6. INVITED AS AN EXTERNAL EXAMINER IN RDC, ON 24/3/2021 BY RAVINDRANATH TAGORE UNIVERSITY,BHOPAL.
7. Member of Editorial Board International Journal Published by Indonesia. JOURNAL TEORIDAN APLIKASI MATEMATIKA(JTAM).ISSN NUMBER ONLINE- 2597 -7512.ISSN NUMBER PRINT - 2614 - 1176.<http://journal.ummat.ac.id/index.php/jtam>
8. Asascientificcommittemember"INTERNATIONALCONFERENCEONAPPLIEDSCIENCES,ENGINEERINGTECHNOLOGY&MANAGEMENT " 12 – 13 JUNE, 2021, ( ICASETEM).<https://icasetem.com/scientific-committee-members.php>Organised by :Crown University int'I Santa Cruz Province in Argentina South America partners in Ghana Benin Republic Togo India and associates world wide. In Association with IFERP.
9. Member of Editorial Board International Journal Published by Coimbatore . INTERNATIONAL JOURNAL OF BIOSCIENCES AND TECHNOLOGY (IJBST ).ISSN NUMBER ONLINE- 0974 -3987.<http://board.ijbst.org/>
10. Member of Reviewer Board International Journal Published by USA . JOURNAL OF MATHEMATICAL SCIENCES & COMPUTATIONAL MATHEMATICS (JMSCM). ISSN NUMBER ONLINE- 2644-3368. ISSN NUMBER PRINT- 2688 - 8300[.https://jmscm.smartsociety.org/](https://jmscm.smartsociety.org/)
11. Member of Editorial Board International Journal Published by KARNATAKA. INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING & MANAGEMENT (IRJSEM). - <http://irjsem.org>
12. .Member of Reviewer Board International Journal, Publish by Universitas, Bumigaro, Indonesia. E- ISSN 2581- <https://journal.universitasbumigora.ac.id/index.php/Varian>
13. Board of Studies Member in Mathematics, Sri Satya Sai College for Women, Bhopal.
14. Delivered a Guest lecture on “APPLICATION OF MATHEMATICS IN SCIENCE AND ENGINEERING” Career College, Bhopal on 8/1/2022.
15. AssociateEditorial board Member in international Journal of NIGERIA “FANS JOURNAL OF SCIENTIFIC INNOVATIONS”. E- ISSN ONLINE 2814 – 0923**,** E- ISSN PRINT 2814 – 0877.

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BOOK PUBLICATION : 12

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **TITEL** | **PUBLICATION** | **YEAR** | **ISBN NO.** |
| **1.** | **BIOSTATISTICS AND RESEARCH METHODOLOGY FOR PY 8 SEM AS PER RGPV SLLYBUS** | **Rock Pigeon Publication, Gwalior** | **2020** | **978-93-87507-19-7** |
| **2.** | **A FUTURISTIC APPROACH TO DIFFERENT MODERN TOOLS AND TECHNOLOGY IN MATHEMATICAL EDUCATION** | **Saliha Publication, Tirpattur Tamil Nadu** | **2020** | **978-81-947377-3-5** |
| **3.** | **JOY OF ENGINEERING AND MANAGEMENT VOL – II** | **Saliha Publication, Tirpattur Tamil Nadu** | **2020** | **978-81-947377-2-8** |
| **4.** | **INTERDISCIPLINARY APPROCH IN EDUCATION AND INDUSTRIAL REQUIREMENTS** | **Saliha Publication, Tirpattur Tamil Nadu** | **2020** | **978-81-947377-0-4** |
| **5.** | **INDUSTRIAL PEOPLE MANAGEMENT VOL – II** | **Saliha Publication, Tirpattur Tamil Nadu** | **2020** | **978-81-947377-1-1** |
| **6.** | **INDUSTRIAL PEOPLE MANAGEMENT VOL – III** | **Saliha Publication, Tirpattur Tamil Nadu** | **2021** | **978-81-947377-6-6** |
| **7.** | **ANALYSIS OF MATHEMATICAL SCIENCES AND ITS APPLICATIONS.** | **JPS Scientific Publication, Tamil Nadu** | **2021** | **978-81-947154-8-1** |
| **8.** | **INTERDISCIPLINARY RESEARCH AND INNOVATION** | **JPS Scientific Publication, Tamil Nadu** | **2021** | **978-81-947154- 6 -7** |
| **9.** | **RECENT ADVANCEMENT OF MATHEMATICS IN SCIENCE AND TECHNOLOGY** | **JPS Scientific Publication, Tamil Nadu** | **2021** | **978-81-950475- 0 -5** |
| **10.** | **STATISTICAL TOOLS FOR DESIGNING RESEARCH** | **JPS Scientific Publication, Tamil Nadu** | **2021** | **978-93-91342 - 13 -5** |
| **11.** | **ADVANCEMENT IN BIOTECHNOLOGY AND PHARMACEUTICAL MATHEMATICS** | **JPS Scientific Publication, Tamil Nadu** | **2021** | **978-93-91342-36-4** |
| **12.** | **BIOSTATISTICS AND RESEARCH METHODOLOGY** | **Technical Publication ,Maharastra** | **2022** | **978-93-91567-41-5** |

# Chapter in Book: 07

|  |  |
| --- | --- |
| **1** | **Book Chapter published “STATUS OF WOMEN IN MODERN INDIA” published in ‘Emerging in India 21st century (With special reference to Society, Economy, Women and Politics)’, Published by – Walnut Publication, Haryana, India, ISBN NO:978-938974440-8.** |
| **2** | **Book Chapter published “Circular Economy: APPLICATION TO SUPPLY CHAIN MANAGEMENT” published in ‘JOY OF ENGINEERING & MANAGEMENT ’, Published by – Rock Pigeon Publication, Gwalior, ISBN NO: 978 –938750721-0.** |
| **3** | **Book Chapter published “ Cross Culture - Differences”in Managing Human Resource in Cross – Cultural Organizations”, Published by – K. G. Publication 27, Sona Enclave, Modinagar, U.P, ISBN NO: 978 – 81- 939741 – 5 -5.** |
| **4** | **Book Chapter published “Women and IVF” in WOMEN AND SOCIETY: Contemporary issues and challenges , Published by – REFLECTIONS PUBLISHER, ISBN NO: 978 – 93- 87492 – 42 -4.** |
| **5** | **Book Chapter published “ WOMEN EMPOWERMENT IN LEGAL AREAS” in WOMEN EMPOWERMENT : ISSUES AND PERSPECTIVES , Published by – Sakshi Publications Bangalore, ISBN NO: 978 – 93- 89723 – 79 - 3.** |
| **6** | **“TRIBLEWELFAREANDDEVLPOMENTININDIA”inthebook TRIBLE DEVLPOMENT IN INDIA, Delton publishingHouse.Agam Kala Prakashan,New Delhi. ISBN 978-81-7320-1950.** |
| **7.** | **Book Chapter published “NEED AND IMPOETANCE OF WOMEN EDUCATION IN INDIA” published in ‘women’s in 21st century (With special reference to Society, Economy, Women and Politics)’, Published by – Walnut Publication, Haryana, India, ISBN NO:978-93-5574-225-4.** |

**Innovative Patents:15**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.NO** | **Name of Patent** | **Application No** | **Cbr. Date** | **Type** | **Status** |
| **1** | **VISION ENHANCED STUCK STICK** | **327242-001** | **14/2/2020** | **Design Patent** | **Granted on dated 19/10/2021** |
| **2** | **COST EFFECTIVE MECHANICAL**  **VENTILATOR FOR COVID- 19** | **329689-001** | **29/5/2020** | **Design Patent** | **Publish** |
| **3** | **WIND POWERED IOT ORGANIC**  **COMPOST MACHINE** | **329706-001** | **31/5/2020** | **Design Patent** | **Publish** |
| **4** | **SMART CARBONLESS COOKING**  **GASIFIER** | **329734-001** | **01/6/2020** | **Design Patent** | **Granted on dated 3/6/2021** |
| **5** | **BREATH VENTILATOR FOR HEALTH CARE** | **331561-001** | **01/8/2020** | **Design Patent** | **Design Patent** |
| **6** | **SOLAR POWERED ORGANIC COMPOST MACHINE** | **331564-001** | **01/8/2020** | **Design Patent** | **Design Patent** |
| **7** | **A NOVAL MANUFACTURING OF SUSTAINABLE**  **PAINTS FROM WASTE TYRES** | **202031033066** | **01/8/2020** | **Utility patent** | **Publish on dated 4/9/2020** |
| **8** | **HYBRID RENEWABLE POWER PLATFORM: HARVESTS WIND, SOLAR ANDWATER CURRENT POWER FROM RUNNING WATER-CHANNEL** | **332221-001** | **22/8/2020** | **Design Patent** | **Publish** |
| **9** | **IOT BASED DISINFECTANT SANITIZER**  **TUNNEL FOR COVID 19** | **333094-001** | **11/9/2020** | **Design Patent** | **Publish** |
| **10** | **IOT BASED SMALL PORTABLE LOW COST APPARATUS FOR PARKING DETECTOR** | **2021102112** | **21/4/2021** | **Innovation Patent Australian** | **Granted on dated 26/5/2021** |
| **11** | **A SYSTEM AND METHOD FOR OPTIMUM WAVELET BASIS FUNCTION SELECTION FOR ECG ARRHYTHMIA DENOISING USING AI** | **2021104217** | **16/7/2021** | **Innovation Patent Australian** | **Granted on dated 25/8/2021** |
| **12** | **A SMART STICK SOLUTION FOR ASSISTING BLIND PEOPLE USING INTERNET OF THINGS** | **202121042381** | **19/9/2021** | **Utility patent** | **Publish on dated 29/10/2021** |
| **13** | **A CROP HEALTH MONITORING SYSTEM USING MACHINE LEARNING** | **202121048702** | **25/10/2021** | **Utility patent** | **Publish on dated 10/12/2021** |
| **14** | **A SYSTEM AND DEVICE FOR STREET LIGHT AUTOMATION** | **5003922** | **10/2/2022** | **Utility patent**  **Danish(Denmark)** | **UNDER EXAMINATION IN DANISH** |
| **15** | **SPACE ROVER DRIVEN BY ARTIFICIAL NEURAL NETWORK MODEL** | **359953-001** | **03/03/2022** | **Design Patent** | **UNDER EXAMINATION** |

Copyright : 03

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| --- | --- | --- | --- | --- | --- |
| **S.NO** | **REGISTRATION NO** | **COUNTRY** | **TITEL OF WORK** | **DATE OF PUBLICATION** | **STATUS** |
| **1** | **L-109118/2021** | **INDIA** | **A SMART STICK SOLUTION FOR ASSISTING BLIND PEOPLE USING INTERNET OF THINGS** | **22-11-2021** | **PUBLISH** |
| **2** | **25982/2021-CO/L** | **INDIA** | **A CROP HEALTH MONITORING SYSTEM USING MACHINE LEARNING** | **REGISTERED 25/10/2021** | **PUBLISH** |
| **3** | **1188176** | **CANADA** | **EFFECTIVE SAMPLING ANALYSIS OF STORE IMAGE ON CONSUMER BEHAVIOR AND ITS LOYALITY** | **REGISTERED 15/11/2021** | **PUBLISH** |

***LIST OF RESEARCH PAPERS -28***

1. Rajesh Shrivastava and Kirti Verma : Certain Double Integral Involving I-Function.The Mathematical Education, Siwan (Bihar), Vol.XLIII(1) 1/3/(2009).ISSN0047-6269. **NATIONAL**
2. Kirti Verma, Rajesh Shrivastava and A.K. Ronghe : nth finite integrals involving product of multivariable Jacobi-polynomial and H-function of several variables.INTERNATIONAL RESEARCH JOURNAL OF PURE ALGEBRAR.J.P.A.4(6),28/6/2014, ISSN 2248-903[7.www.rjpa.info](http://www.rjpa.info/)(4-43). **INTERNATIONAL**
3. KirtiVerma, Rajesh Shrivastava : Integration of the I-function w.r.t. parameters.Vijnanan Parishad AnusandhanPatrika,Vol.54.Oct.2010No.4,p.p.1-7. ISSN -0505 -5806. **NATIONAL**
4. KirtiVerma, Rajesh Shrivastava and A.K. Ronghe : On Boundary Value Problem and its application in I- function of Multivariable. Mathematical Theory and Modiling.ISSN 2224-5804 (paper) ISSN 2225-0522 (online) Vol. 3 No. 6, p.p. 121-126 (2013), IISTE Journal,U.S.A. **INTERNATIONAL**
5. KirtiVerma, Rajesh Shrivastava and A.K. Ronghe: Application of I – Function in Jacobi Polynomial Kinds of Non – Linear Differential equation. .The Mathematical Education, Siwan (Bihar), Vol.XLIII No.2 (june2013).ISSN0047-6269. **NATIONAL**
6. KirtiVerma, Rajesh Shrivastava and A.K. Ronghe:EXPANSION FOR PRODUCT OF BESSEL’S FUNCTION AND I- FUNCTION OF MULTIVARIABLES.Mathematical .Theory and Modeling [www.iiste.org](http://www.iiste.org/)ISSN 2224-5804 (Paper) ISSN 2225-0522 (Online), Vol.5, No.7,2015. **INTERNATIONAL**
7. KirtiVerma, Rajesh Shrivastava and A.K. Ronghe: STUDY OF EXPANSION FOR I-FUNCTION OF MULTIVARIABLE AND ITS APPLICATION.Mathematical . Theory and Modeling [www.iiste.org](http://www.iiste.org/)ISSN 2224-5804 (Paper) ISSN 2225- 0522 (Online)Vol.5, No.7,2015. **INTERNATIONAL**
8. wirajaya kusuma , Rifani Nur Sindy Setiawan, kirti verma, Carina Firstca Utomo: STRUCTURAL EQUATION MODELLING –PARTIAL LEAST SQUARE FOR POVERTY MODELING IN PAPUA PROVINNCE. JURNAL VARIAN international Journal, Publish by Universitas, Bumigaro, Indonesia. E- ISSN 2581- 2017, VOL.4, NO.2, APRIL 2021, HAL. 79-90. <https://journal.universitasbumigora.ac.id/index.php/Varian>. **INTERNATIONAL**
9. KIRTI VERMA, NEERAJ CHANDNANI “INTERNET OF THING IN SMART FARMING” in the book SERIES SPRINGER INNOVATIONS IN COMMONNICATION AND COMPUTING INTERNET OF THINGS – AND ITS APPLICATIONS, IOTSPRINGER. SERIES ISSN 2522-8595/ DOI 10.1007/978-3-030-77528-5.<https://link.springer.com/chapter/10.1007/978-3-030-77528-5_15>. **SCOPUS**
10. Sonal Dixit , Kirti Verma “ COMPARATIVE STUDY OF FUZZY MATHEMATICS AS FUZZY SETS AND FUZZY LOGICS” INTERNATIONAL JOURNAL OF MATHEMATICAL SCIENCES & COMPUTATIONAL MATHEMATICS (JMSCM) Society for Researchers and Technologists (SMART) 6408 Elizabeth Ave SE, Aubum 98092,Washington, USA.  ISSN NUMBER ONLINE- 2644-3368. ISSN NUMBER PRINT- 2688 - 8300[.](https://jmscm.smartsociety.org/) , July 2021. Volume 2. No 4. Page no 500-510.<https://jmscm.smartsociety.org/vol2_issue4.html>.

**INTERNATIONAL**

1. Neeraj Chandnani, Kirti Verma, Sneha Joshi, Adarsh Mangal, Anand Mohan“APPLICATION OF MATHEMATICS IN RESEARCH EDUCATION AND MEDICAL SCIENCE” INTERNATIONAL JOURNAL OF DESIGN ENGINEERING (TORONTO) SCOPUS INDEXED Q4,ISSN 0011-9342, VOLUME 2021,ISSUE 7, Pages 13026- 13037’<http://thedesignengineering.com/index.php/DE/article/view/4558>. **SCOPUS**
2. [Ria JatinKikaniaKirtiVermabRachnaNavalakhecGouravShrivastavadVineetaShrivastavae](https://www.sciencedirect.com/science/article/pii/S221478532106260X#!) : “CRYPTOGRAPHY: RECENT RESEARCH TRENDS OF ENCRYPTING MATHEMATICS” SCOPUS INDEXED JOURNAL MATERIALS TODAYS : PROCEEDINGS ARTICLE IN PRESS. ISSN 2214- 7853. 13/10/2021.ONLINE.  
   <https://authors.elsevier.com/a/1dvKf_oMxzEqWK> **SCOPUS**
3. .[P.Vijayashanthi](https://www.sciencedirect.com/science/article/pii/S2214785321062544#!) , [KirtiVerma](https://www.sciencedirect.com/science/article/pii/S2214785321062544#!) , [SonalDixit](https://www.sciencedirect.com/science/article/pii/S2214785321062544#!) , [Sudeep KumarPandey](https://www.sciencedirect.com/science/article/pii/S2214785321062544#!) , [E.Sathya](https://www.sciencedirect.com/science/article/pii/S2214785321062544#!) , [M.Arunkumar](https://www.sciencedirect.com/science/article/pii/S2214785321062544#!)“ AN OVERVIEW ON SEQUENTIALLY g – QUOTIENT MAPS” SCOPUS INDEXED JOURNAL MATERIALS TODAYS : PROCEEDINGS ARTICLE IN PRESS. ISSN 2214-7853 <https://authors.elsevier.com/a/1dy547tbNaKD2G21/10/2021.ONLINE>

**SCOPUS**

1. Muraina Kamilu Olanrewaju, Umar Talatu Ibrahim, Kirti Verma:Teachers’ IMPROVISATION OF INSTRUCTIONAL MATERIALS AND MATHEMATICS LEARNING GAINS AMONG STUDENTS IN KWARA STATE: COUNSELLING IMPLICATIONS .Publication date 2021/10/26 Journal JTAM (Jurnal Teori dan Aplikasi Matematika)Volume5Issue2 Pages 315-322. ISSN 2597 - 7512 (P) , ISSN 2614 - 1175(O). **INTERNATIONAL**
2. Manu Singhai, Akhilesh Kumar Singhai, Kirti Verma: Applied Mathematics for Pharmaceutical Problems Using Robotics as Assistive Tools for Learning: A Comprehensive Review. Publication date 2021/10/26 Journal JTAM (Jurnal Teori dan Aplikasi Matematika)Volume5Issue2 Pages 374 - 391. ISSN 2597 - 7512 (P) , ISSN 2614 - 1175(O). **INTERNATIONAL**
3. VERMA Kirti; SHARMA, Kanak. Mathematical Abilities Development in Children. Journal of Advanced Research in Applied Mathematics and Statistics, v. 6, n. 3&4, p. 1-7, nov. 2021. ISSN 2455-7021. **NATIONAL**
4. Mamta Verma, Kirti Verma, Pushpa.H, Seema Dubey, M. Sundararajan, Bilquees Jahan Khan:Stastical Analysis and Effect of Primary Nutrient (N,P,K) in Coal Ash Admixed Wasteland Soil through Vesicular – Arbuscular Mycorrhizae Invation.[Volume: 8 Issue: 5](https://www.nveo.org/index.php/journal/issue/view/30)NVEO - Natural Volatiles & Essential OilsE-ISSN: 2148-9637. **SCOPUS**
5. R Kar, AK Shaw, K Verma - [Some arithmetic operations on triangular intuitionistic fuzzy number and its application in solving linear programming problem by dual-simplex algorithm](https://scholar.google.com/scholar?oi=bibs&cluster=7513180937185913966&btnI=1&hl=en)Vol 28 No 4 (2021): Nonlinear Studies (NS)Published: 2021-11-28ISSN: 1359-8678 (print) 2153-4373 (online). **SCOPUS**
6. Kirti Verma, Rajesh Shrivastava and Uma Sahu: GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS, JOURNAL OF RESEARCH AND DEVLOPMENT, OCT 2021, VOL12, ISSUE12, ISSN -2230-9578. **NATIONAL**
7. VERMA Kirti; SHARMA, Kanak: NATIONAL JOURNAL ADVANCED RESEARCH IN COMPUTER TECHNOLOGY AND SOFTWARE APPLICATIONS“MATHEMATICAL ABILITIES DEVLOPMENT IN CHILDREN” VOLUME 5. ISSUE 2.P.NO 1-4. **NATIONAL**
8. Kirti Verma : “[SOLUTIONS OF NEGATIVE PELL'S EQUATION INVOLVING BERNOULLI IRREGULAR PRIMES](https://scholar.google.com/scholar?oi=bibs&cluster=8547967695535338020&btnI=1&hl=en) 2021”, INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTATIONAL INTELLIGENCE.

**INTERNATIONAL**

1. Kirti Verma  "ASSESSMENT OF ICT SKILLS AMONG UPPER BASIC ISLAMIC STUDIES TEACHERS IN KWARA STATE" INTERNATIONAL JOURNAL OF MATHEMATICAL SCIENCES & COMPUTATIONAL MATHEMATICS (JMSCM) Society for Researchers and Technologists (SMART) 6408 Elizabeth Ave SE, Aubum 98092,Washington, USA.  ISSN NUMBER ONLINE- 2644-3368. ISSN NUMBER PRINT- 2688 - 8300[.](https://jmscm.smartsociety.org/) , April 2022. Volume 3. No 3. Page no 367-376.

**INTERNATIONAL**

1. K. Verma, M. Sundararajan, A. Mangal, S. Ray and A. Kumar, "THE IMPACT OF COVID - 19 TO THE TRADE IN INDIA USING DIGITAL, IOT AND AI TECHNIQUES," 2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), 2022, pp. 01-05, doi: 10.1109/ICACITE53722.2022.9823784.**IEEE**
2. Shivangi Sharma, Kirti Verma, Palak Hardaha “IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE IN AGRICULTURE ” Journal of computational and Cognitive Engineering, 4 july 2022, vol 00(00) 1-8

DOI:10.47852/bonviewJCCE2202174 Published by Singapore BON VIEW PUBLISHING. **INTERNATIONAL**

1. Ekta Shah, Ria Kikani , Kirti Verma “CRYSTALLIZED MODE OF A NEW HORIZON: NEP 2020, A REVIEW”  Mar 30, 2022 ,  *Faculty of Natural and Applied Sciences Journal of Mathematics, and Science Education*, *3*(2), 44–48. [Vol. 3 No. 2 (2022): 2022-FNAS-JMSE-3-2](https://www.fnasjournals.com/index.php/FNAS-JMSE/issue/view/4) Nigeria. **INTERNATIONAL**
2. [Chandnani, Neeraj](https://content.iospress.com/search?q=author%3A%28%22Chandnani,%20Neeraj%22%29); , [VERMA, KIRTI](https://content.iospress.com/search?q=author%3A%28%22Verma,%20Kirti%22%29) A COMPARISON ON TYPE-II FUZZY LOGIC BASED DATA ENCRYPTION TECHNIQUES IN THE INTERNET OF THINGS DOI: 10.3233/JIFS-220570 Journal: [Journal of Intelligent & Fuzzy Systems](https://content.iospress.com/journals/journal-of-intelligent-and-fuzzy-systems), vol. 44, no. 2, pp. 2109-2116, 2023 Published: 30 January 2023 Electronic ISSN: 1875-8967 Print ISSN: 1064-1246 Publisher: IOS Press Publication Link: <https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs220570> **(SCIE).**

1. [VERMA, KIRTI](https://content.iospress.com/search?q=author%3A%28%22Verma,%20Kirti%22%29), [Chandnani, Neeraj](https://content.iospress.com/search?q=author%3A%28%22Chandnani,%20Neeraj%22%29), Adarsh Mangal, , M. Sundararajan “A COMPREHENSIVE REVIEW OF THE SMART HEALTH RECORDS TO PREVENT PANDEMIC” in the book SERIES SPRINGER SIGNALS AND COMMUNICATION TECHNOLOGY “ SYSTEM DESIGN FOR EPIDEMICS USING MACHINE LEARRNIIIING AND DEEP LEARNING ”ISSN ISSN 1860-4862 ISSN 1860-4870 (electronic)/ Publication Link: <https://www.springerprofessional.de/en/a-comprehensive-review-of-the-smart-health-records-to-prevent-> ISBN 978-3-031-19751-2 ISBN 978-3-031-19752-9 (eBook)

https://doi.org/10.1007/978-3-031-19752-.(**SCOPUS)**

1. Vineeta Shrivastava, Kirti Verma, Neeraj Chandnani & M. Sundararajan “The Role of Artificial Intelligence to Track COVID-19 Disease” in the book SERIES SPRINGER “Medical Virology: From Pathogenesis to Disease Control “DOI: 10.1007/978-981-99-0369-6\_4 [https://link.springer.com/book/10.1007/978-981-99-0369-6b ISSN 2662-981X e-ISSN 2662-9828](https://link.springer.com/book/10.1007/978-981-99-0369-6b%20ISSN%202662-981X%20e-ISSN%202662-9828) ISBN 978-981-99-0368-9 e-ISBN 978-981-99-0369-6

<https://doi.org/10.1007/978-981-99-0369-6> **-.(SCOPUS)**

PhD SUPERVISED-01

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| **S.No.** | **NAME OF THE CANDIDATE** | **UNIVERSITY** | **TOPIC** | **STATUS** | **REMARKS** |
| **1.** | **Aaqib Hamid Dar**  **Enrollment No – AU200943** | **Rabindranath Tagore University, Bhopal** | **GENERALIZED – FUNCTION AND IT’S APPLICATIONS** | **PERSUING** | **SUPERVISED AS A CO-GUIDE** |

AWARDS-07

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| --- | --- | --- | --- |
| **S.**  **No.** | **TITLE OF AWARD** | **YEAR** | **AWARDING AUTHORITYY** |
| **1.** | **Received Best TEACHER AWARD 2015, Millennium Institute of Technology Bhopal** | **2015** | **Millennium Institute of Technology Bhopal** |
| **2.** | **Teacher innovation award, zero investment innovations for Initiatives** | **2019** | **shri aurbindo society** |
| **3.** | **We grow academic excellence award for significant work in the field of education and research, by We grow Educational support services, Orissa, 18 June 2020.** | **2020** | **Wegrow academic** |
| **4.** | **Teacher Appreciation Certificate 2020 for hard work and dedication in education sector, by A B Foundation Delhi.** | **2020** | **A B Foundation Delhi** |
| **5.** | **Winning the Women Researcher Award in International Scientist Awards 2021 on Engineering, Science and Medicine 07 – 08 AUGUST-2021, Pondicherry, India Associated by VDGOOD TECHNOLOGY FACTORY. Profile Id – VDSA7677.** | **2021** | **VDGOOD TECHNOLOGY FACTORY** |
| **6.** | **Winning the young Scientist Award in International Scientist Awards 2022 on Engineering, Science and Medicine 25 FEB-2022, Associated by INSO.** | **2022** | **INSO** |
| **7.** | **Winning the EXCELLENCE SERVICE Award in International Sci Research Awards 2022 on Science Technology and Management 31 DEC-2022, Associated by INSO.** | **2022** | **INSO** |

**ARTICLE PUBLISH IN NEWSPAPER**

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| **S.No.** | **TITEL** | **Name of Paper** |
| **1.** | **कृषि में गणित का महत्व** | **कृषक आराधना ISSN 2582-7286/ 21/2/2022** |
| **2.** | **फसल मॉडल गणितीय समीकरणों का समुच्च** | **कृषक आराधना ISSN 2582-7286/ 07/03/2022** |

***PAPERS PRESENTED IN CONFERENCES:20***

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| --- | --- | --- | --- | --- | --- |
| **S.**  **NO.** | **TITLE** | **ORGANIZED**  **BY** | **SPONSORED**  **BY** | **FROM** | **TO** |
| **1.** | Attended “National conference” held at Ujjain on 28.02.2012 and presented paper entitled “DOUBLE INTEGRAL INVOLVING I-FUNCTION OFMULTIVARIABLE”. | MADHAV COLL | MADHAV COLL | 28.02.2012 | 28.02.2012 |
| **2.** | Attended “National conference” held at MPCST Bhopal on 29.02.2012 presented paper entitled  “EXPANSION FOR I-FUNCTION OF MULTIVARIABLE AND IT’SAPPLICATIONS”. | MPCST Bhopal | MPCST Bhopal | 29.02.2012 | 29.02.2012 |
| **3.** | Attended “National conference” held at career college Bhopal on 26.04.12 and presented paper entitled “DETERMINATION OF ATMOSPHERIC PRESSURE BY I-FUNCTION OF MULTIVARIABLE. | career college | MPCST Bhopal | 26.04.12 | 26.04.12 |
| **4.** | Attended “National conference” held at kiit university, Orissa on 26.05.12 and presented paper entitled “INTEGRATION OF MULTIVARIABLE I-FUNCTION w.r.t.PARAMETERS”. | kiit university | kiit university | 26.05.12 | 26.05.12 |
| **5.** | Attended “National conference” held at LNCT INDORE, on 22.08.12 and presented paper entitled “SUMMATION OF TRIGONOMETRICAL FUNCTION IN TERMS OF I-FUNCTION OF MULTIVARIABLE I-FUNCTION”. | LNCT INDORE | LNCT INDORE | 22.08.12 | 22.08.12 |
| **6.** | Attended “International conference” held at JAMIA MILLIA ISLAMIA, NEW DELHI, on SEP. 08–10, 2012 and presented paper entitled “THE MULTIVARIABLE I-FUNCTION TRANSFORM”. | JAMIA MILLIA ISLAMIA, NEW DELHI | JAMIA MILLIA ISLAMIA, NEW DELHI | SEP. 08, 2012 | SEP. 10, 2012 |
| **7.** | Attended “National seminar” on “ARTIFICIAL INTELLIGENCE - NSAI 2012” held at Millennium Group Of Institutions, Bhopal on SEP. 22-23,2012. | Millennium Group Of Institutions | t Millennium Group Of Institutions | SEP. 22,2012. | SEP. 23,2012. |
| **8.** | Attended “National seminar” on “MATHEMATICS FOR ALL” held at Govt. Science & Commerce College Benazir, Bhopal on FEB.23,2013. | Govt. Science & Commerce College Benazir, Bhopal | Govt. Science & Commerce College Benazir, Bhopal | FEB.23,2013. | FEB.23,2013. |
| **9** | Attended “International conference” held at TRUBA COLLEGE, Bhopal, on APRIL. 26–28, 2013 and presented paper entitled “ON BOUNDARY VALUE PROBLEM AND ITS APPLICATION IN I- FUNCTION OFMULTIVARIABLE”. | TRUBA COLLEGE, Bhopal | TRUBA COLLEGE, Bhopal | APRIL. 26, 2013 | APRIL. 28, 2013 |
| **10** | Attended “National seminar” on “DRINKING WATER MANAGEMENT& CLIMATE CHANGESIN INDIA” held at Millennium Group Of Institutions, Bhopal on MARCH.25- 26, 2015. | Millennium Group Of Institutions, Bhopal | MPCST Bhopal | MARCH.25, 2015 | MARCH.26, 2015 |
| **11** | Attended “National conference” held at TIT COLLEGE, Bhopal on MAY.15-16,2015and presented paper entitled “STUDY OF EXPANSION FOR I-FUNCTION OF MULTIVARIABLE AND ITSAPPLICATION”. | TIT COLLEGE, Bhopal | MPCST Bhopal | MAY.15-,2015 | MAY.16,2015 |
| **12** | Attended “National conference” held at TIT COLLEGE, Bhopal on MAY.15-16,2015and presented paper entitled “EXPANSION FOR PRODUCT OF BESSEL’S FUNCTION AND I- FUNCTION OFMULTIVARIABLES”. | TIT COLLEGE, Bhopal | MPCST Bhopal | MAY.15-,2015and | MAY.16,2015 |
| **13** | Attended “International conference” on “Mathematical Modelling and High Performance in Science and Technology”held at Lakshmi Narain College Of Technology and science Bhopal, NPIU AND RGPVon FEBRUARY. 12–13, 2020 and presented paper entitled “MATHEMATICAL MODELING OF MAN-MADE NATURAL DISASTERS: FOREST FIRE AND ENVIRONMENTAL POLLUTION”. | LNCTS,BPL | NPIU AND RGPV | FEBRUARY. 12, 2020 | FEBRUARY. 13, 2020 |
| **14** | Attended “National conference” on “RECENT APPLICATION OF APPLIED SCIENCES & Humanities ”, On 7/6/2020 Organised by Government College Sathali, Mahendergarh & Society of Scientific Research & Education,Hayyana. | Government College Sathali, Mahendergarh & Society of Scientific Research & Education,Hayyana. | Government College Sathali, Mahendergarh & Society of Scientific Research & Education,Hayyana. | 7/6/2020 | 7/6/2020 |
| **15** | Attended “International conference” on “ APPLICATIONS OF MATHEMATICS IN COMPUTER SCIENCE AND REAL LIFE”held at GOVT. College Timarni Dist - on 25 MARCH 2021. | GOVT. College Timarni | GOVT. College Timarni | 25 MARCH 2021 | 25 MARCH 2021 |
| **16** | Attended “International conference” on “ PROGRESS IN MATHEMATICS TOWARDS INDUSTRIAL APPLICATIONS(PMTIA)”ORGANISED BY THE DEPARTMENT OF MATHEMATICS, SRMIST, RAMAPURAM, Chennai on 29 & 30 october 2021. | SRMIST, RAMAPURAM, Chennai | SRMIST, RAMAPURAM, Chennai | 29 october 2021. | 30 october 2021. |
| **17** | One day National Seminar (Online Mode) on Application of Mathematics in Engineering and Science organized on 31st January 2022,  at Department of Mathematics, Pandit Deendayal Energy University Gandhinagar,  Gujarat | Pandit Deendayal Energy University Gandhinagar,  Gujarat | Pandit Deendayal Energy University Gandhinagar,  Gujarat | 31st January 2022 | 31st January 2022 |
| **18** | Attended “International Seminar” on “ REAL LIFE APPLICATIONS AND IMPACT OF MATHEMATICS & COMPUTER SCIENCE ”held at GOVT. College Timarni Dist - on 25 MARCH 2022. | GOVT. College Timarni | GOVT. College Timarni | 25 FEB 2022 | 25 FEB 2022 |
| **19.** | Attended “International conference” on “ RECENT ADVANCEMENT IN SCIENCE AND TECHNOLOGY”held at  Department of Physics Govt. Motilal Nehru Vigyan Mahavidyalaya Bhopal, Sponsor by MPHED World Bank and RUSA on 28th feb to 01th Maech, 2022. | Govt. Motilal Nehru Vigyan Mahavidyalaya Bhopal | Govt. Motilal Nehru Vigyan Mahavidyalaya Bhopal | 28FEB 2022 | 01 MARCH2022 |
| **20.** | Attended “National Seminar” on “ MATHEMATICAL METHODS IN SCIENCE & ENGINEERING”, On 26/2/2022 Organised by at Department of Mathematics, Pandit Deendayal Energy University Gandhinagar,  Gujarat | Pandit Deendayal Energy University Gandhinagar,  Gujarat | Pandit Deendayal Energy University Gandhinagar,  Gujarat | 26 FEB 2022 | 26 FEB 2022 |

*FDP ATTENDED: 09*

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| **S.**  **NO.** | **TITLE** | **ORGANIZED**  **BY** | **SPONSORED**  **BY** | **FROM** | **TO** |
| **1.** | Attended one week faculty development programme on “MODERN ASPECT OF CALCULUS AND ANALYSIS IN ENGINEERING” under TEQIP –III RGPV,BHOPAL, Organized byDepartment of Mathematics Lakshmi Narain College Of Technology and science Bhopal, on 26th to 30th August, 2019. | LNCTS BPL | TEQIP –III | 26th August, 2019. | 30th August, 2019. |
| **2.** | Attended one week faculty development programme on “APPLICATION OF NUMERICAL METHODS AND STATISTICAL TECHNIQUES IN ENGINEERING” under TEQIP–III RGPV,BHOPAL, Organized by Department of Mathematics Lakshmi Narain College Of Technology Bhopal, on 23th to 27th September, 2019. | LNCT BPL | TEQIP –III | 23th September, 2019 | 27th September, 2019 |
| **3.** | Attended one week faculty development programme on “PHP & MYSQL”, Organized by Department of CSE JNTUH College of Engineering Jagtial, Telengana. Sponsor by NBA & Spoken Tutorial , IIT Bombay , on 18th to 23th May,2020. | Department of CSE JNTUH College of Engineering Jagtial, Telengana | IIT Bombay | 18th May,2020 | 23th May,2020 |
| **4.** | Attended one week faculty development programme on “R TRANING”, Organized byBirla Institute of Technology Mesra Noida. Sponsor by NBA & Spoken Tutorial , IIT Bombay/ National Misson on Education Through ICT, MHRD Govt of India , on 12th to 16th May,2020. | Birla Institute of Technology Mesra Noida | NBA & Spoken Tutorial , IIT Bombay/ National Misson on Education Through ICT, MHRD Govt of India | 12th May,2020. | 16th May,2020. |
| **5.** | Attended two days faculty development programme on “ICT TEACHING & LEARNING”, Organized Internal Quality Assurance Cell of Sree Ayyappa College For Women Chunkankadai, Nagercoil,Sponser by IQAC Cell, on 2th to 3th June,2020. | Organized Internal Quality Assurance Cell of Sree Ayyappa College For Women Chunkankadai, Nagercoil,Sponser by IQAC Cell | Organized Internal Quality Assurance Cell of Sree Ayyappa College For Women Chunkankadai, Nagercoil,Sponser by IQAC Cell | 2th to 3th June,2020. | 2th to 3th June,2020. |
| **6.** | Attended one week faculty development programme on “MATHEMATICS AND ITS APPLICATIONS IN SCIENCE & ENGINEERING”, Organized by Faculty Development Center SHRI MATA VAISHNO DEVI UNIVERSITY, KATRA, J& K ( UT), APPROVED UNDER PMMMNMTT 27th TO 01th OCTOBER,2021. | Faculty Development Center SHRI MATA VAISHNO DEVI UNIVERSITY, KATRA, J& K ( UT) | APPROVED UNDER PMMMNMTT | 27th OCTOBER,2021 | 01th OCTOBER,2021 |
| **7.** | Attended one week faculty development programme on “ROLE OF TEACHERS IN HIGHER EDUCATION IN CONTEXT OF NEP 2020”, Organized by Faculty Development Center Maharshi Dayanand University, Rohtak ( Haryana ) , Sponsor by MHRD on 18th to 23th October, 2021. | Development Center Maharshi Dayanand University, Rohtak  ( Haryana ) | MHRD | 18th October, 2021. | 23th October, 2021. |
| **8.** | Attended two week capacity building programme on “TEACHING LEARNING AND RESEARCH”, Organized by Faculty Development Center Maharshi Dayanand University, Rohtak ( Haryana ) , Sponsor by MHRD on 12th to 25th January, 2022. | Development Center Maharshi Dayanand University, Rohtak  ( Haryana ) | MHRD | 12th January , 2022. | 25th January , 2022. |
| **9.** | Attended Six Days Faculty Devlopment Programme on “ADMINISTRATTIVE CHALLENGES IN COLLEGE MANAGEMENT”, Organized by Department of chemistry Govt. Motilal Nehru Vigyan Mahavidyalaya Bhopal, Sponsor by MPHED World Bank and RUSA on 24th to 30th January, 2022. | Department of chemistry Govt. Motilal Nehru Vigyan Mahavidyalaya Bhopal | MPHED World Bank and RUSA | 24th January ,2022 | 30th January, 2022 |

*TTP ATTENDED: 02*

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| **S.**  **NO.** | **TITLE** | **ORGANIZED**  **BY** | **SPONSORED**  **BY** | **FROM** | **TO** |
| 1. | Attended five day TEACHERS TRANING programme on “PRODUCT TO BE SMART WITH ARTIFICIAL INTELLIGENCE” under AICTE- RGPV,BHOPAL, Organized by Lakshmi Narain College Of Technology Bhopal, on 19th to 23th November,2019 | LNCT BPL | RGPV | 19th November,2019 | 1 23th November,2019 |
| 2. | Attended Short Term Training Prg on “ OUTCOME BASED ASSESMENT’BY NITTTR,Bhopal. | NITTTR | Bhopal | 31Jan,2022 | 04 Feb,2022 |

WORKSHOPS ATTENDED: 13

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| **S.**  **NO.** | **TITLE** | **ORGANIZED**  **BY** | **SPONSORED**  **BY** | **FROM** | **TO** |
| **1** | Attended “ TECNOVEDICA” JAVA workshop from 12/11/2009 to 14/11/2009 held atVedica Group of Institutes. Organized by N.A.M.E TechnologyBhopal. | Vedica Group of Institutes | by N.A.M.E TechnologyBhopal | 12/11/2009 | 14/11/2009 |
| **2** | Attended one day workshop on “EMERGING TRENDS IN MATHEMATICS” organizedby Department of physical Sciences, AISECT UNIVERSITY Bhopal ON 3rd JAN,2018. | AISECT UNIVERSITY | AISECT UNIVERSITY | 3rd JAN,2018 | 3rd JAN,2018 |
| **3** | Attended one day workshop on “PUBLICATION OF FACULTY RESEARCH WORK”organized by Research & Devlopment Cell Lakshmi Narain College Of Technology Bhopal and assisted by MPCT Bhopal, on 5thJune,2018 | LNCT BPL | MPCST | 5thJune,2018 | 5thJune,2018 |
| **4** | Attended one day workshop on “NBA Accreditation” organized by Lakshmi Narain College Of Technology Excellence,Bhopal RGPV under TEQIP-III, on 10thAugust,2019. | LNCTE | TEQIP-III | 10thAugust,2019. | 10thAugust,2019. |
| **5** | Attended ONLINE WORKSHOP on “MATHEMATICS & ITS APPLICATIONS”, Organized by IPS Academy Indore, 15th & 16th , May2020. | IPS Academy Indore | IPS Academy Indore | 15th, May2020 | 16th , May2020 |
| **6** | National Workshop “ROLE & CHALLENGES OF SCIENCE AND TECHNOLOGY IN CURRENT PANDEMIC SITUATION” Organized by Mahadev Institute of Technology & Science, Gwalior. Under TEQIP – III on23/5/2020. | Mahadev Institute of Technology & Science, Gwalior | TEQIP – III | 23/5/2020. | 23/5/2020. |
| **7** | National Workshop “RESEARCH METHODOLOGY & PRAPOSAL WRITING” Organized by Oriental College of Technology, Bhopal. Under TEQIP – III on 25/6/2020 to26/6/2020. | Oriental College of Technology, Bhopal | TEQIP – III | 25/6/2020 | 26/6/2020. |
| **8** | National Workshop “MATHEMATICAL INDULGENCE” Organized by Acropolis Institute of Technology & Research Indorel. Under NBA, on 8/6/2020. | Acropolis Institute of Technology & Research Indore | NBA | 8/6/2020. | 8/6/2020. |
| **9** | National Workshop “EMOTIONAL INTELLIGENCE” Organized by Department of mathematics school NRI COLLEGE BHOPAL, on 28 April, 2021. | NRI COLLEGE BHOPAL | NRI COLLEGE BHOPAL | 28 April, 2021 | 28 April, 2021 |
| **10** | National Workshop “HANDS ON LATEX” Organized by Department of mathematics school of Sciences cluster university of Jammu, on 21-22 may, 2021. | Department of mathematics school of Sciences cluster university of Jammu | Department of mathematics school of Sciences cluster university of Jammu | 21 may, 2021. | 22 may, 2021. |
| **11** | National Workshop “R - SOFTWARE” Organized by Department of mathematics Dr. M.G.R Educational and Research Institute Maduravoyal, Chennai on 11-13 AUGUST, 2021. | Dr. M.G.R Educational and Research Institute Maduravoyal, Chennai | Dr. M.G.R Educational and Research Institute Maduravoyal, Chennai | 11 AUGUST, 2021. | 13 AUGUST, 2021. |
| **12** | One Day International Workshop On “Introduction To Mathematical Ecology” 04 Feb 2022 SRMIST Rampuram Campus | SRMIST Rampuram Campus | SRMIST Rampuram Campus | 04 Feb 2022 | 04 Feb 2022 |
| **13.** | Attended workshop on “TECHNICAL WRITING WITH LATEX” | University of Calicut Department of Mathematics | Govt .of Kerela | 14 Feb 2022 | 01 march 2022 |

Conference/ Seminar Organized: 04

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| **S.**  **NO.** | **TITLE** | **FROM** | **TO** | **IN**  **CAPACITY** | **FUNDING**  **AGENCY** | **FUNDED**  **AMOUNT** | **ORGANIZING**  **INSTITUTE** |
| 1. | CO- CORDINATOR IN SHORT TERM TRANING PROGRAMME on “Mathematical Modeling & scientific computing in engineering” 24-26 February, 2020 under TEQIP-III, LNCTBHOPAL. | 24 February, 2020 | 26 February, 2020 | CO-CORDINATOR | TEQIP-III | AS PER NORMS | LNCT BHOPAL |
| 2. | CO- CORDINATOR IN Three Days faculty development programme on “Mathematical And Computational Modeling” 18-20 May, 2020 under TEQIP-III, LNCTSBHOPAL. | 18 May, 2020 | 20 May, 2020 | CO-CORDINATOR | TEQIP-III | AS PER NORMS | LNCTS BHOPAL |
| 3. | CO- CORDINATOR IN One Day Online Workshop on “Role of Teachers and Students in Inculcation of Universal Human Values in Technical Education”, Organized by Rajiv GandhiProudyogiki  Vishwavidyalaya, BHOPAL under TEQIP-III in Association with LNCT&S and LNCT on Monday 22nd June, 2020 | 22nd June | 22 JJune2020 | CO-CORDINATOR | TEQIP-III | AS PER NORMS | LNCTS BHOPAL |
| 4. | CORDINATOR IN ONE DAY WEDINAR “ WHY INNOVATION IN TIMES OF PENDEMIC IS INEVITABLE” | 06 JUNE 2020 | 06 JUNE 2020 | CORDINATOR | LNCT | VIRTUAL | LNCT BHOPAL |

SUBJECTS TAUGHT:

* **Differential Equations**
* **Linear Algebra, Abstract Algebra**
* **Real & Complex Analysis**
* **Calculus & Advanced Calculus**
* **Engineering Mathematics (M1, M2, M3, M4).**
* **Biostatistics And Research Methodology**

COMPUTER EFFICIENCY:

* **OperatingSystem : Windows, Linux(Ubuntu).**
* **ProgrammingLanguage: C,C++.**
* **ApplicationS/W : Matlab, Mathematica, Maple, Dynamics Solver, JebRef, Mendeley, La-Tex,MS-Office.**

PERSONAL INFORMATION:

HusbandName : Mr. Ajay Verma DateofBirth : 12 .03.1983

Nationality : INDIAN LanguagesKnown : English and Hindi MaritalStatus : Married

**Date:17/5/2023 Place: JABALPUR (Dr. KirtiVerma)**