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| RESEARCH AND ACADEMIC CONTRIBUTIONSDR. MOHAMMAD MIYANASSOCIATE PROFESSORDEPARTMENT OF MATHEMATICS, SHIA P. G. COLLEGE, LUCKNOW-226020 |  |  |

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| **1. RESEARCH PAPERS PUBLISHED IN JOURNALS**   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | S. NO. | TITLE OF THE PAPER WITH PAGE NOS. | NAME OF JOURNAL | ISSN/ISBN NO. | JOURNAL | | WHETHER PEER REVIEWED IMPACT FACTOR, IF ANY | NO. OF CO-AUTHORS | | UGC APPOVED | OTHER | | 1 | PRESSURE VARIATION IN POROUS BEARINGS UNDER SECOND ORDER ROTATION, 2013, 4(1), 13-310: 25-29 | (IASIR) AMERICAN INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (AIJRSTEM) | 2328-3491 | UGC JOURNAL NO: 44994 | INDEXED | PEER REVIEWED; IF=5.01 | 0 | | 2 | INCLINED SLIDER BEARING UNDER THE EFFECTS OF SECOND ORDER ROTATORY THEORY OF HYDRODYNAMIC LUBRICATION, 2013, 4(2): 2089-2093 | INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH (IJSR) | 2319-7064 | NO | INDEXED | PEER REVIEWED; IF=4.438 | 0 | | 3 | ANALYSIS OF SHORT JOURNAL BEARINGS UNDER THE EFFECT OF SECOND ORDER ROTATION, 2014, 14-823: 294-298 | INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES IN COMPUTATIONAL AND APPLIED SCIENCES | 2279-0047 | UGC JOURNAL NO: 48362 | INDEXED | PEER REVIEWED; IF=6.20 | 0 | | 4 | BEHAVIOR OF POROUS BEARINGS UNDER SECOND ORDER ROTATORY THEORY OF HYDRODYNAMIC LUBRICATION, 2014, 1 (6): 14-18 | INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH AND ENGINEERING STUDIES | 2349-8862 | NO | INDEXED | PEER REVIEWED; IF=0.279 | 0 | | 5 | INFINITELY LONG JOURNAL BEARING UNDER THE EFFECT OF SECOND ORDER ROTATORY THEORY OF HYDRODYNAMIC LUBRICATION, 2015, 3 (2): 997-1003 | INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND INFORMATION TECHNOLOGY | 2348-196X | NO | INDEXED | PEER REVIEWED; IF=3.154 | 0 | | 6 | TRANSPORT EQUATIONS FOR TURBULENT KINETIC ENERGY IN POROUS MEDIA, 2015, 1(5): 153-156 | INTERNATIONAL JOURNAL OF APPLIED RESEARCH | 2394-7500 | UGC JOURNAL NO: 42726 | INDEXED | PEER REVIEWED; IF=3.4 | 0 | | 7 | ANALYSIS OF MULTIPHASE FLOW IN POROUS MEDIA FOR SLIGHTLY COMPRESSIBLE FLOW AND ROCK, 2015, 5, NO. 3: 333-350 | J. MATH. COMPUT. SCI. | 1927-5307 | UGC JOURNAL NO: 48795 | INDEXED | PEER REVIEWED; IF=0.456 | 1 | | 8 | ANALYSIS OF STEP BEARING OF HYDRODYNAMIC LUBRICATION, 2015, 15-577: 148-152 | AMERICAN INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS | 2328-3491 | UGC JOURNAL NO: 44994 | INDEXED | PEER REVIEWED; IF=5.01 | 0 | | 9 | UPSCALING OF MULTIPHASE FLOW PROCESSES IN HETEROGENEOUS POROUS MEDIA, 2015, 6(10): 161-170 | INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY | 0976 – 6340 | UGC JOURNAL NO: 48740 | INDEXED | PEER REVIEWED; IF=8.8 | 1 | | 10 | ANALYSIS OF FITTED BEARINGS UNDER SECOND ORDER ROTATORY THEORY OF HYDRODYNAMIC LUBRICATION, 2015, VOL.3 (JULY/AUG ISSUE): 765-771 | INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY AND CURRENT RESEARCH | 2321–3124 | NO | INDEXED | PEER REVIEWED; IF=2.021 | 0 | | 11 | FLOW AND DIFFUSION EQUATIONS FOR FLUID FLOW IN POROUS ROCKS FOR THE MULTIPHASE FLOW PHENOMENA, 2015, 4(7):139 | AMERICAN JOURNAL OF ENGINEERING RESEARCH | 2320-0847 | NO | INDEXED | PEER REVIEWED; IF=NO | 1 | | 12 | FLUID FLOW THROUGH WOVEN FABRICS BY THE LATTICE-BOLTZMANN METHOD, 2015, 4(9):160-167 | AMERICAN JOURNAL OF ENGINEERING RESEARCH | 2320-0847 | NO | INDEXED | PEER REVIEWED; IF=NO | 1 | | 13 | DIFFERENT PHASES OF REYNOLDS EQUATION, 2016, 2(1): 140-148 | INTERNATIONAL JOURNAL OF APPLIED RESEARCH | 2394-7500 | UGC JOURNAL NO: 42726 | INDEXED | PEER REVIEWED; IF=5.2 | 0 | | 14 | THE TWO PHASE FLOW MOTIONS AND THEIR P. D. F. REPRESENTATIONS, 2016, VOL. 1(1): PP. 31-39 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 0 | | 15 | MATHEMATICAL ANALYSIS ON THE ROLE OF S. B. I. IN INDIAN ECONOMY, 2016, VOL. 1(1): PP. 57-69 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 1 | | 16 | THE DISTRIBUTION OF PRESSURE FOR FITTED BEARINGS OF HYDRODYNAMIC LUBRICATION UNDER LOW AND HIGH ROTATION NUMBER, 2016, 1(5): 35-40 | INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND RESEARCH | 2455-4227 | UGC JOURNAL NO: 48823 | INDEXED | PEER REVIEWED; IF=5.12 | 0 | | 17 | LOAD CAPACITY FOR FITTED BEARINGS OF HYDRODYNAMIC LUBRICATION UNDER LOW AND HIGH ROTATION NUMBER, 2016, 1(2): 109-118 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 0 | | 18 | MATHEMATICAL ANALYSIS ON THE NPAS OF STATE BANK OF INDIA, 2016, 1(2): 190-196 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 0 | | 19 | DIFFERENTIAL ACOUSTIC RESONANCE SPECTROSCOPY ANALYSIS OF FLUIDS IN POROUS MEDIA, 2016, 2(1): 22-30 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 0 | | 20 | THE DISTRIBUTION OF PRESSURE FOR FITTED BEARINGS OF HYDRODYNAMIC LUBRICATION UNDER LOW AND HIGH ROTATION NUMBER, 2016, 1(1): 37-42 | INTERNATIONAL JOURNAL OF STATISTICS AND APPLIED MATHEMATICS | 2456-1452 | NO | INDEXED | PEER REVIEWED; IF=5.34 | 0 | | 21 | FLUID FLOW THROUGH PAKKA-MODEL STRUCTURES IN MULTIPHASE FLOW, 2016, 5(7): 13410-13416 | INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY | 2319-8753 | UGC JOURNAL NO: 48027 | INDEXED | PEER REVIEWED; IF=6.209 | 1 | | 22 | THE FLUID FLOW MOTION THROUGH POROUS MEDIA FOR SLIGHTLY COMPRESSIBLE MATERIALS, 2016, 3(1): 28-35 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 0 | | 23 | LATTICE BOLTZMANN METHOD FOR PAKKA-MODEL STRUCTURES IN FLUID FLOW MOTION, 2016, 3(2): 146-152 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=3.498 | 0 | | 24 | ANALYSIS OF MULTIPHASE FLUID FLOW MOTION IN SANDSTONE MODELS, 2016, 7(5), 97-105 | INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND TECHNOLOGY | 0976 – 6340 | UGC JOURNAL NO: 48740 | INDEXED | PEER REVIEWED; IF=9.2286 | 2 | | 25 | EQUATIONS OF MOTION FOR RADIAL FLUID FLOW IN POROUS MEDIA, 2016, 5(11): 18876-18883 | INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY | 2319-8753 | UGC JOURNAL NO: 48027 | INDEXED | PEER REVIEWED; IF=6.209 | 2 | | 26 | PRESSURE ANALYSIS FOR THE SYSTEM OF ROTATING DISCS UNDER THE EFFECTS OF SECOND ORDER ROTATION, 2016, 16 (2):164-168 | (IASIR) AMERICAN INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS | 2328-3491 | UGC JOURNAL NO: 44994 | INDEXED | PEER REVIEWED; IF=5.01 | 0 | | 27 | THE LOAD CAPACITY FOR THE SYSTEM OF ROTATING DISCS UNDER THE SECOND ORDER ROTATORY THEORY OF HYDRODYNAMIC LUBRICATION, 2016, 4(6): 235-242 | INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND GENERAL SCIENCE | 2091-2730 | UGC JOURNAL NO: 45022 | INDEXED | PEER REVIEWED; IF=3.843 | 0 | | 28 | STATISTICAL ANALYSIS FOR THE PROFITABILITY AND NPA OF STATE BANK OF INDIA, 2016, 1(2): 29-35 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO: 45255 | INDEXED | PEER REVIEWED; IF=1.024 | 0 | | 29 | STATISTICAL REVIEW ON THE DEMONETIZATION IN INDIA, 2017, 8(5): 1891-1896 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 30 | PRESSURE ANALYSIS OF COMPOSITE SLIDER BEARING UNDER THE EFFECT OF SECOND ORDER ROTATION OF THE LUBRICATION THEORY, 2017, 12(1): 89-96 | ADVANCES IN DYNAMICAL SYSTEMS AND APPLICATIONS | 0973-5321 | NO | INDEXED | PEER REVIEWED; IF=NO | 0 | | 31 | LOGARITHMIC VARIATION OF LOAD CARRYING CAPACITY FOR THE ROTATION OF POROUS JOURNAL BEARING, 2017, 67(1): 99-104 | GANITA | 0046-5402 | UGC JOURNAL NO: 17922 | INDEXED | PEER REVIEWED; IF=NO | 0 | | 32 | A COMPARATIVE STATISTICAL APPROACH TOWARDS NPA OF PSU AND PRIVATE SECTOR BANKS IN INDIA, 2017, 8 (1): 46-52 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 33 | THE EFFECT OF THERMAL CONDUCTIVITY ENHANCEMENT FOR BROWNIAN MOTION OF NANOFLUIDS, 2017, 11(1): 109-116 | INTERNATIONAL JOURNAL OF NANOTECHNOLOGY AND APPLICATIONS | 0973-631X | NO | INDEXED | PEER REVIEWED; IF=NO | 0 | | 34 | APPLICATIONS OF DATA MINING IN BANKING SECTOR, 2017, 8(1): 108-114 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 35 | ALGORITHM TO SOLVE DIRICHLET PROBLEM FOR LAPLACE’S EQUATION, 2017, 8 (1): 120-125 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 36 | A REVIEW ON THE MULTI-PHASE BLOOD FLOW THROUGH COMPOSITE STENOSIS, 2017, 13(1): 53-59 | INTERNATIONAL JOURNAL OF DYNAMICS OF FLUIDS | 0973-1784 | UGC JOURNAL NO: 2894 | INDEXED | PEER REVIEWED; IF=NO | 2 | | 37 | FHE IMPLEMENTATION OF DATA IN CLOUD COMPUTING, 2017, 8(3): 118-122 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 38 | FAULT TOLERANCE AND MESSAGE PASSING INTERFACE PROGRAMS, 8 (3): 128-135 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 39 | INTELLIGENT REPLICATION TECHNIQUE FOR CLOUD; BASED ON K-MEANS CLUSTERING, 2017, 8(3): 869-873 | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 40 | EXPONENTIAL VARIATION OF PRESSURE FOR THE ROTATION OF POROUS JOURNAL BEARING, 2017, 12(2): 167-173 | INTERNATIONAL JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS | 1819-4966 | NO | INDEXED | PEER REVIEWED; IF=NO | 0 | | 41 | ANALYSIS ON THE ALGORITHM FOR CRYPTOGRAPHY BASED MSLDIP WATERMARKING, 2017, 8 (3): | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE | 0976-5697 | UGC JOURNAL NO: 2503 | INDEXED | PEER REVIEWED; IF=5.845 | 0 | | 42 | SOLUTION OF REYNOLDS EQUATION FOR THE SHORT JOURNAL BEARINGS ROTATION SYSTEM, 2017, 13(1): 117-124 | INTERNATIONAL JOURNAL OF PURE AND APPLIED PHYSICS | 0973-1776 | NO | INDEXED | PEER REVIEWED; IF=NO | 0 | | 43 | MATHEMATICAL ANALYSIS ON THE GROWTH FACTOR OF SBI, 2017, VOL. – VIII, ISSUE –2(10): 76 | RESEARCHERS WORLD | 2231-4172 | UGC JOURNAL NO: 10509 | INDEXED | PEER REVIEWED; IF=3.19 | 0 | | 44 | THE ECONOMICAL POOR SOCIETIES: TRIBAL SOCIETIES IN INDIA, 2017, 2(1): 23-29 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO: 45255 | INDEXED | PEER REVIEWED; IF=3.311 | 0 | | 45 | USES OF SQL IN ACCESSING AND ANALYZING THE SPREADSHEETS, 2017, 2(1): 78-83 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC. JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.032 | 0 | | 46 | MATHEMATICAL FORMULATION ON THE MULTI-PHASE FLOW THROUGH COMPOSITE STENOSIS, 2017, 2(2): 140-146 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.032 | 0 | | 47 | MATHEMATICAL FORMULATION ON THE CURRENT NPAS OF SBI, 2017, 2(1): 01-06 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO: 45255 | INDEXED | PEER REVIEWED; IF=3.311 | 0 | | 48 | REVIEW ON THE MULTIPHASE FLOW ON MONO-DISPERSE DUSTY PARTICLE MIXTURE, 2017, 3(1): 01-07 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 1 | | 49 | THE NON-PROFITABLE ASSETS OF BANKING SECTOR IN INDIA, 2017, 3(1): 51-61 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO: 45255 | INDEXED | PEER REVIEWED; IF=3.311 | 0 | | 50 | NUMERICAL SIMULATION OF SHOCK WAVE; TURBULENT BOUNDARY LAYER INTERACTION, 2017, 3(1): 16-21 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 1 | | 51 | MATHEMATICAL MODEL FOR NPAS OF SBI, 2017, 4(1): 31-36 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO: 45255 | INDEXED | PEER REVIEWED; IF=3.311 | 0 | | 52 | ANALYSIS ON THE MDH POWER GENERATION TECHNOLOGY, 2018, 4(1): 309-313 | WORLD WIDE JOURNAL OF MULTIDISCIPLINARY RESEARCH AND DEVELOPMENT | 2454-6615 | UGC JOURNAL NO: 47762 | INDEXED | PEER REVIEWED; IF=4.25 | 0 | | 53 | INCLINED SLIDER BEARING WITH MAGNETIC RHEOLOGICAL FLUID UNDER THE EFFECTS OF SECOND ORDER ROTATION, 2018, 1(1): 74-83 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 54 | MATHEMATICAL MODELLING AND THE MEASUREMENTS OF PLASMA SPRAYING TECHNOLOGY, 2018, 1(1): 84-92 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 55 | PRESSURE DISTRIBUTION IN POROUS JOURNAL BEARING WITH NANOLUBRICANT FOR SECOND ORDER LUBRICATION THEORY, 2018, 68(1): 143-155 | GANITA | 0046-5402 | UGC JOURNAL NO: 17922 | INDEXED | PEER REVIEWED; IF=NO | 1 | | 56 | E-GOVERNANCE IN HIGHER EDUCATION OF INDIAN RURAL AREAS, 2018, 1(1): 32-41 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO: 45255 | INDEXED | PEER REVIEWED; IF=4.057 | 0 | | 57 | LOAD CAPACITY FOR POROUS JOURNAL BEARING WITH NANOLUBRICANT UNDER SECOND ORDER ROTATION, 2018, 1(1): 58-67 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 58 | INDIAN EDUCATION SYSTEM AND E-LEARNING, 2018, 2(1): 31-36 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO.: 45255 | INDEXED | PEER REVIEWED; IF=4.057 | 0 | | 59 | SOLAR POWER GENERATION TECHNOLOGY IN INDIA, 2018, 2(1): 27-33 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 60 | PRESSURE ANALYSIS IN INFINITELY SHORT BEARINGS WITH NANOLUBRICANTS, 2018, 23(1): 62-66 | AMERICAN INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS | 2328-3491 | UGC JOURNAL NO.: 44994 | INDEXED | PEER REVIEWED; IF=5.01 | 0 | | 61 | GROWTH OF THE RENEWABLE ENERGY IN INDIA, 2018, 3(1): 01-07 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 62 | REVIEW ON THE CRYPTOGRAPHIC CLOUD STORAGE TECHNIQUES, 2018, 3(1): 08-14 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | UGC JOURNAL NO.: 45204 | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 63 | BACKWARD SECTION OF INDIAN CULTURAL SYSTEM, 2018, 3(1): 01-10 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | UGC JOURNAL NO.: 45255 | INDEXED | PEER REVIEWED; IF=4.057 | 0 | | 64 | GANDHI’S VIEWS ON WOMEN IN INDIA: EDUCATION, 2018, 4(1): 01-04 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | NO | INDEXED | PEER REVIEWED; IF=4.057 | 0 | | 65 | PERFORMANCE OF SHORT JOURNAL BEARINGS WITH MR FLUID UNDER THE EFFECT OF SMALL ROTATION, 2018, 24(1): 67-78. | (IASIR) AMERICAN INTERNATIONAL JOURNAL OF RESEARCH IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS | 2328-3491 | UGC JOURNAL NO.: 44994 | INDEXED | PEER REVIEWED; IF=5.01 | 0 | | 66 | REVIEW ON NON-CONVENTIONAL ENERGY RESOURCES IN INDIA, 2018, 10(2): 87-94 | SAMRIDDHI | 2229-7111 | UGC JOURNAL NO.: 64061 | INDEXED | PEER REVIEWED; IF=NO | 1 | | 67 | HYDRO POWER ENERGY IN INDIA: A REVIEW, 2018, 4(1): 01-06 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | NO | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 68 | ANALYSIS OF KINETIC ENERGY IN THE POROUS MEDIA, 2018, 4(1): 07-12 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | NO | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 69 | ENVIRONMENT POLLUTION FACTORS AND THEIR REMEDIES, 2019, 1(1): 01-06 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | NO | INDEXED | PEER REVIEWED; IF=4.057 | 0 | | 70 | MOTION OF HYDRODYNAMIC FLUID THROUGH BEARING OF TYPE “H=H0 EXP. (Θ); Θ=F(Y)” FOR ROTATION, 2019, 1(1): 01-07 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | NO | INDEXED | PEER REVIEWED; IF=4.977 | 0 | | 71 | UNEMPLOYMENT IN INDIA: A CHALLENGE, 2019, 1(1): 07-14 | INTERNATIONAL JOURNAL OF PURE AND APPLIED MANAGEMENT SCIENCES | 2456-4516 | NO | INDEXED | PEER REVIEWED; IF=4.057 | 0 | | 72 | MOTION OF FLUID IN RAYLEIGH STEP SLIDER BEARING FOR ROTATORY LUBRICATION THEORY OF SECOND ORDER, 2019, 1(1): 08-14 | INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCHES | 2455-474X | NO | INDEXED | PEER REVIEWED; IF=4.977 | 0 |   **2. RESEARCH PUBLICATIONS(BOOKS, CHAPTER IN BOOKS OTHER THAN REFEREED JOURNAL ARTICLES)**  2.1 TEXT/REFERENCE/SUBJECT BOOKS PUBLISHED   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | S.N | TITLE AND TOTAL NO. OF PAGES IN THE BOOK | YEAR OF PUBLICATION AND EDITION | PUBLISHER AND ISSS/ISBN NO. | PUBLISHER LEVEL  NATIONAL/ INTERNATIONAL | NO. OF CO-AUTHORS | WHETHER YOU ARE MAIN AUTHOR | | 1. | A TEXT BOOK OF ALGEBRA; 180 PAGES | 2012-03-07 | ALOK PRAKASHAN, ALLAHABAD; ISBN: 978-81-89599-90-4 | NATIONAL | 0 | YES | | 2. | A TEXT BOOK OF CALCULUS; 389 PAGES | 2012-01-07 | ALOK PRAKASHAN ALLAHABAD; ISBN: 978-81-89599-89-8 | NATIONAL | 0 | YES | | 3. | A TEXT BOOK OF MATICES VECTOR & DIFFERENTIAL EQUATIONS; 258 PAGES | 2007-01-08 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-93-81054-89-5 | NATIONAL | 1 | YES | | 4. | A TEXT BOOK OF COORDINATE GEOMETRY; 540 PAGES | 2013-05-08 | ALOK PRAKASHAN, ALLAHABAD; ISBN: 978-81-89599-91-1 | NATIONAL | 3 | NO | | 5. | A TEXT BOOK OF MATHEMATICAL METHODS; 288 PAGES | 2004-01-07 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-81-922090-0-5 | NATIONAL | 1 | YES | | 6. | A TEXT BOOK OF DIFFERENTIAL EQUATIONS; 264 PAGES | 2015-01-07 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-93-82476-21-4 | NATIONAL | 1 | YES | | 7. | A TEXT BOOK OF MECHANICS; 367 PAGES | 2006-01-07 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-81-922090-1-2 | NATIONAL | 1 | YES | | 8. | A TEXT BOOK OF ABSTRACT ALGEBRA; 270 PAGES | 2010-05-07 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-93-82476-32-0 | NATIONAL | 1 | YES | | 9. | A TEXT BOOK OF NUMERICAL ANALYSIS & PROGRAMMING IN C; 380 PAGES | 2012-01-08 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-93-82476-35-1 | NATIONAL | 1 | YES | | 10. | A TEXT BOOK OF DIFFERENTIAL GEOMETRY AND TENSOR ANALYSIS; 196 PAGES | 2012-02-07 | PRAKASHAN KENDRA; LUCKNOW; ISBN: 978-93-82476-10-8 | NATIONAL | 1 | YES | | 11. | RECENT RESEARCH IN MATHEMATICAL, STATISTICAL AND COMPUTATIONAL SCIENCES | 2021-09-07 | MKSES PUBLICATION, LUCKNOW, INDIA; ISBN:-978-93-91248-25-3 | INTERNATIONAL | 2 | YES |   2.2 ARTICLES/CHAPTERS PUBLISHED IN BOOKS   |  |  |  |  |  | | --- | --- | --- | --- | --- | | S.N | TITLE WITH PAGE NO. | BOOK TITLE, EDITOR AND PUBLISHER | ISSN/ISBN NO. | PUBLISHER LEVEL  NATIONAL/ INTERNATIONAL | | 1. | EXTENDED GENERALIZED REYNOLDS EQUATION: SECOND ORDER ROTATORY THEORY OF HYDRODYNAMIC LUBRICATION; PP. 319-330 | ADVANCED MATHEMATICS THEORY AND APPLICATIONS; VOLUME II; EDITOR IN CHIEF: PROF. T. KIM (SOUTH KOREA); RESEARCH INDIA PUBLICATIONS, DELHI, INDIA | ISBN NO: 978-93-87374-33-1 | INTERNATIONAL |   **3. RESEARCH GUIDANCE**   * RESEARCH GUIDE SINCE 2015 IN BHAGWANT UNIVERSITY, AJMER, RAJASTHAN WITH REGISTRATION NO. BU/PH. D./SUP. SCI/508/2015/65.  |  |  |  |  | | --- | --- | --- | --- | | S.N | NO. OF RESEARCH SCHOLARS ENROLLED | THESIS SUBMITTED | DEGREE AWARDED | | 1. | 1; PRAMOD KUMAR PANT, BHAGWANT UNIVERSITY, AJMER, | 1 | 1; NOTIFICATION NO.:BU/PH.D./407/NOTIFICATION/2018/442 DATED: 30.01.2018 |   **4. PAPER PRESENTATION AND INVITED LECTURES DELIVERED IN CONFERENCES / SEMINARS**  4.1 PAPERS PRESENTED IN CONFERENCE / SEMINARS / WORKSHOPS/ SYMPOSIA ETC.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | S.N | TITLE OF THE PAPER PRESENTED | FOCAL THEME OF CONFERENCE/SEMINAR | DURATION | ORGANISED BY | INTERNATIONAL/NATIONAL STATE/UNIVERSITY LEVEL | | 1. | BEARING SYSTEM | MATHEMATICAL MODELLING AND APPLICATIONS (MMA - 2015 | 22 SEPT. 2015 | AMITY UNIVERSITY LUCKNOW CAMPUS | NATIONAL | | 2. | MATHEMATICAL MODELLING OF URBAN DEVELOPMENT | URBANIZATION & SMART CITY IN THE LIGHT OF INCLUSIVE DEVELOPMENT | 7 NOV. 2015 | VIGYAN FOUNDATION | NATIONAL | | 3. | ENERGY FOR FLUID MOTIONS IN POROUS MEDIA | SOURCE OF PLANET ENERGY, ENVIRONMENTAL & DISASTER SCIENCE: CHALLENGES AND STRATEGIES | 21-22 NOV. 2015 | SCHOOL OF MANAGEMENT SCIENCES, LKO | INTERNATIONAL | | 4. | THE PROBABILITY DENSITY FUNCTION FOR TWO PHASE FLOW MOTION | STATISTICS AND RELATED AREAS FOR EQUITY, SUSTAINABILITY AND DEVELOPMENT (SRAESD-2015) | 28-30 NOV. 2015 | DEPARTMENT OF STATISTICS, UNIVERSITY OF LUCKNOW, LUCKNOW, INDIA | INTERNATIONAL | | 5. | COMPARISON BETWEEN MATHEMATICAL MODELING AND MEASUREMENT OF PLASMA SPRAYING | PLASMA SCIENCE, TECHNOLOGY & APPLICATION 2016 | 20-21 JAN. 2016 | AMITY UNIVERSITY LUCKNOW CAMPUS | INTERNATIONAL | | 6. | ROLE OF MUSLIMS IN HIGHER EDUCATION | HIGHER EDUCATION: ISSUES, CHALLENGES, PROSPECTS AND STRATEGIES | 11 SEP. 2016 | LUACTA | NATIONAL | | 7. | SOME CHALLENGES OF HIGHER EDUCATION IN INDIA | NEED OF CHANGES IN THE SUBJECT OF HIGHER EDUCATION CHALLENGES | 5,6 OCT. 2016 | KALICHARAN POST GRADUATE COLLEGE, LUCKNOW, U.P. | NATIONAL | | 8. | DEVELOPMENT OF MUSLIM SOCIETY IN INDIA THROUGH FINANCIAL INCLUSION | DEVELOPMENT OF MARGINALIZED SECTIONS OF SOCIETY : REFLECTIONS ON UTTAR PRADESH | 9-10 NOV. 2016 | DEPARTMENT OF SOCIOLOGY, UNIVERSITY OF LUCKNOW, LUCKNOW | NATIONAL | | 9. | PROTECTION OF MINORITY CHILDREN IN INDIA | CHILD RIGHTS AND CHILD PROTECTION : A SOCIO-LEGAL PERSPECTIVE | 11 NOV. 2016 | ALL INDIA RIGHTS ORGANIZATION (AIRO) | NATIONAL | | 10. | DIFFERENTIAL EQUATIONS FOR HYDRODYNAMIC LUBRICATIONS THEORY, ENERGY CONSERVATION | SOURCE OF PLANET ENERGY, ENVIRONMENTAL & DISASTER SCIENCE: CHALLENGES AND STRATEGIES | 19-20 NOV. 2016 | DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, U.P. | INTERNATIONAL | | 11. | EQUATION FOR THE MOTION OF HYDRODYNAMIC BEARING SYSTEM | DIFFERENTIAL ANALYSIS | 19-20 NOV. 2016 | BHARATA GANITA PRAISAD & DEPARTMENT OF MATHEMATICS & ASTRONOMY, UNIVERSITY OF LUCKNOW, LUCKNOW | NATIONAL | | 12. | EQUATIONS FOR KINETIC ENERGY IN MULTIPHASE POROUS MEDIA | SUSTAINABLE ENERGY RESOURCES | 14 DEC. 2016 | BHARAT RAKSHA DAL TRUST ENVIRONMENTAL CELL, SR INSTITUTITE OF MANAGEMENT & TECHNOLOGY | NATIONAL | | 13. | BROWNIAN MOTION OF NANOFLUIDS FOR THE THERMAL CONDUCTIVITY ENHANCEMENT | NANOMATERIALS AND NANOTECHNOLOGY (NATCON NAMTECH VI) | 11-13 FEB. 2017 | DEPARTMENT OF PHYSICS, UNIVERSITY OF LUCKNOW, LUCKNOW | NATIONAL | | 14. | POSTER PRESENTATION ON NANO-MATERIALS | RECENT ADVANCES AND INNOVATIONS IN CHEMICAL AND MATERIAL SCIENCE (RAICMS-2017) | 23-24 FEB. 2017 | DEPARTMENT OF CHEMISTRY, SHRI JAI NARAIN PG COLLEGE, LKO & DR. SHAKUNTALA MISRA NATIONAL REHABILITATION UNIVERSITY, LUCKNOW | NATIONAL | | 15. | IMPACT OF GREEN REVOLUTION ON INDIAN ECONOMY : THEN AND NOW | AGRICULTURE DISTRESS : ISSUES, CHALLENGES AND POLICY IMPLICATIONS | 25-26 FEB. 2017 | UNIVERSITY OF LUCKNOW, LUCKNOW | NATIONAL | | 16. | PLASMA SPRAYING AND MATHEMATICAL MODULATION | INDIA STRIVING TOWARDS ONE STEP AHEAD IN SCIENCE & TECHNOLOGY IN WORLD | 28 FEB. 2017 | U.P. STATE BIO-ENERGY DEVELOPMENT BOARD U.P. INDIA, SR INSTITUTE OF MANAGEMENT & TECHNOLOGY, LKO | NATIONAL | | 17. | STATUS OF MUSLIM EDUCATION IN CENTRAL ASIA | POLITICS, SOCIETY & CULTURE IN SOUTH ASIA | 3-5 MARCH, 2017 | ETHNOGRAPHIC & FOLK CULTURE SOCIETY, LUCKNOW | INTERNATIONAL | | 18. | BUDDHIST SCHOLAR AND THEIR CONTRIBUTION IN THE MODERN INDIA | BUDDHA'S UNIVERSAL MESSAGE IN PALI LITERATURE | 31 MARCH -01 APRIL 2017 | PALI SOCIETY OF INDIA, VARANASI | INTERNATIONAL | | 19. | STATUS OF INFORMAL SECTORS IN U.P. : GROWTH & CHALLENGES | GROWTH AND SOCIAL SECTOR DEVELOPMENT IN UTTAR PRADESH ECONOMY | 6-7 APRIL, 2017 | DEPARTMENT OF ECONOMICS, UNIVERSITY OF LUCKNOW, LUCKNOW | NATIONAL | | 20. | STATISTICAL ANALYSIS ON THE ROLE OF S.B.I. IN INDIAN ECONOMY | EMERGING INDIA AND SECOND GENERATION REFORMS : INITIATIVES AND IMPLICATIONS | 8-9 APRIL, 2017 | DEPARTMENT OF APPLIED ECONOMICS, FACULTY OF COMMERCE, UNIVERSITY OF LUCKNOW, LUCKNOW (U.P.) INDIA | INTERNATIONAL | | 21. | CONTRIBUTION OF FRANTZ FAMOR : A RENOWNED TRAVEL WRITER | DIMENSIONS OF TRAVEL WRITING : YESTERDAY, TODAY AND BEYOND | 10 APRIL 2017 | INSTITUTE OF TOURISM STUDIES, UNIVERSITY OF LUCKNOW, LUCKNOW | NATIONAL | | 22. | THE HUMAN RESOURCES MANAGEMENT AND COMPETITIVE ADVANTAGE | MANAGERIAL EFFECTIVENESS THROUGH MANAGING EXPRESSION AND ACTIONS : ISSUES AND CHALLENGES | 19 APRIL 2017 | DEPARTMENT OF BBA- INTERNATIONAL BUSINESS, CENTRE FOR MANAGEMENT & FOREIGN LANGUAGES, FACULTY OF COMMERCE, SHRI JAI NARAIN PG COLLEGE, LKO | NATIONAL | | 23. | URBANIZATION & POVERTY IN MODERN INDIA | URBAN DEVELOPMENT IN INDIA WITH SPECIAL REFERENCE TO SMART CITY | 7 NOV. 2017 | A.P. SEN MEMORIAL GIRLS DEGREE COLLEGE, VIGYAN FOUNDATION & FORD FOUNDATION | NATIONAL | | 24. | ANALYSIS ON THE MAGNETO HYDRODYNAMIC POWER GENERATION TECHNOLOGY | MATHEMATICAL ANALYSIS AND APPLICATIONS | 18-19 NOV. 2017 | BHARAT GANITA PARISHAD, UNIVERSITY OF LUCKNOW | NATIONAL | | 25. | DEVELOPMENT OF HYDRODYNAMIC ENERGY IN INDIA | SCIENCE & TECHNOLOGY FOR NEW INDIA | 20 NOV. 2017 | JNPG COLLEGE, LUCKNOW & CSIR (NBRI) | NATIONAL | | 26. | ANALYSIS ON MAGNETO HYDRODYNAMIC POWER GENERATION TECHNOLOGY | SOURCES OF PLANET ENERGY, ENVIRONMENTAL & DISASTER SCIENCE: GLACIER MELTING & ITS CHALLENGES | 09-10 DEC. 2017 | SMS, LUCKNOW; INSTITUTE OF ENGINEERS INDIA& APJ ABDUL KALAM TECH. UNIVERSITY | INTERNATIONAL | | 27. | LOAD CARRYING CAPACITY IN FITTED BEARING REGARDING ROTATION | INTERNATIONAL SYMPOSIUM ON ALGEBRA, ANALYSIS & THEIR APPLICATIONS | 22 DEC. 2017 | INTEGRAL UNIVERSITY, LUCKNOW | INTERNATIONAL | | 28. | E-LEARNING IN INDIA: THE CUMULATIVE VIEWS & VARIOUS ASPECTS | THE IMPACT OF DIGITALIZATION OF PUBLIC SERVICES ON SOCIETY | 20-21 JANUARY 2018 | MAHAMAYA GOVT. DEGREE COLLEGE, MAHONA, LUCKNOW | NATIONAL | | 29. | POPULATION GROWTH RATE V/S ECONOMIC DEVELOPMENT IN INDIA | VISION 2022: A NEW INDIA | 27-28 JAN. 2018 | UNIVERSITY OF LUCKNOW | INTERNATIONAL | | 30. | EFFECTS OF CLIMATE CHANGES ON INDIAN AGRICULTURE | ECOLOGICAL DEGRADATION AND ITS IMPACT ON SOCIO-ECONOMIC DEVELOPMENT | 02-03 FEB. 2018 | NETAJI SUBHASH CHANDRA BOSE GOVT. GIRLS P. G. COLLEGE, LUCKNOW | NATIONAL | | 31. | SCIENTIFIC APPROACH OF SOCIO- ECONOMIC DEVELOPMENT OF INDIA | RECENT ADVANCES IN SOCIO-ECONOMIC DEVELOPMENT OF INDIA: ISSUES AND CHALLENGES | 24-25 FEB. 2018 | UNIVERSITY OF LUCKNOW | NATIONAL | | 32. | PROBLEMS DUE TO COMMERCIALIZATION OF HIGHER EDUCATION IN INDIA | CHANGING PARADIGM OF HIGHER EDUCATION IN INDIA: ISSUES AND CHALLENGES WITH SPECIAL REFERENCE TO UTTAR PRADESH | 10 OCTOBER 2018 | NATIONAL P. G. COLLEGE, LUCKNOW | NATIONAL | | 33. | REVIEW ON NON-CONVENTIONAL ENERGY RESOURCES IN INDIA | SOURCES OF PLANET ENERGY, ENVIRONMENTAL & DISASTER SCIENCE: CLIMATIC DISTURBANCES & IT’S GLOBAL IMPACT | 24-25 NOVEMBER 2018 | SMS, LUCKNOW; INSTITUTE OF ENGINEERS INDIA | NATIONAL | | 34. | MATHEMATICAL & COMPUTATIONAL MODEL OF MENTAL PROBLEMS | BIO-PSYCHOSOCIAL PERSPECTIVES OF TRAUMA | 13 JANUARY 2019 | SHIA P. G. COLLEGE, LUCKNOW | INTERNATIONAL | | 35. | MATHEMATICAL MODEL OF CASHLESS SOCIETY FOR THE ECONOMIC GROWTH | CASH TO CASHLESS ECONOMY: CHALLENGES AND OPPORTUNITIES | 09-10 FEB. 2019 | MAHAMAYA GOVT. DEGREE COLLEGE, MAHONA, LUCKNOW | NATIONAL | | 36. | GANDHIJI AND EDUCATIONAL POLICY IN INDIA | MAHATMA GANDHI KAL AUR AAJ | 21-22 FEB. 2019 | SHIA P. G. COLLEGE, LUCKNOW | NATIONAL | | 37. | THE KINETIC ENERGY ANALYSIS IN MULTIPHASE POROUS MEDIA PHENOMENON | RECENT TRENDS IN MATHEMATICS WITH APPLICATIONS | 21-22 FEB. 2019 | SHRI RAMSWAROOP MEMORIAL UNIVERSITY, LUCKNOW | NATIONAL | | 38. | MATHEMATICAL MODELLING TO ANALYSE THE FUTURE BEHAVIOURS OF COVID-19 | SOCIO-ECONOMIC AND ENVIRONMENTAL ISSUES: CHALLENGES AND FUTURE PROSPECTS IN CURRENT PANDEMIC SITUATION | 26-28 DEC., 2020 | NATIONAL ENVIRONMENTAL SCIENCE ACADEMY (NESA), NEW DELHI, INDIA | INTERNATIONAL | | 39. | PRESSURE ANALYSIS FOR THE SYSTEM OF ROTATING DISC FOR SECOND ORDER ROTATION WITH NANO-FLUID CuO | SUSTAINABLE DEVELOPMENT: MODELING AND OPTIMIZATION | 16-17 FEB., 2021 | OPERATIONAL RESEARCH SOCIETY OF INDIA MEERUT CHAPTER & VARDHMAN COLLEGE, BAREILLY, INDIA | INTERNATIONAL | | 40. | RESOURCES OF RENEWABLE ENERGY IN INDIA | ENVIRONMENTAL CHALLENGES AND SUSTAINABILITY , ECASSEPT-2021 | 15 SEPT., 2021 | B. S. N. V. P. G. COLLEGE, LUCKNOW | NATIONAL | | 41. | MAGNETIC RHEOLOGICAL FLUID AND THE BEARING WITH THE EFFECT OF SECOND ORDER ROTATION | INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE AND SPECTROSCOPY | 22-24 SEP., 2021 | MAHARISHI UNIVERSITY OF INFORMATION TECHNOLOGY, INDIA | INTERNATIONAL | | 42. | COMPOSITE SLIDER BEARING AND THE LUBRICATION THEORY FOR THE SECOND ORDER ROTATION | INTERNATIONAL CONFERENCE ON ADVANCEMENT IN INTERDISCIPLINARY RESEARCH (ICAIR-2021) | 26-28 OCTOBER, 2021 | SHIA P. G. COLLEGE & SCIENCE TECH INSTITUTE, LUCKNOW, INDIA | INTERNATIONAL |   4.2 INVITED LECTURES AND CHAIRMANSHIPS AT NATIONAL OR INTERNATIONAL CONFERENCE/SEMINARS ETC.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | S.N | TITLE OF LECTURE/CHAIRED ACADEMIC SESSION | FOCAL THEME OF CONFERENCE/SEMINAR | DURATION AND ORGANIZING BODY | INTERNATIONAL/NATIONAL STATE/UNIVERSITY LEVEL | | 1. | SESSION CHAIR | SOURCES OF PLANET ENERGY, ENVIRONMENTAL & DISASTER SCIENCE: CLIMATIC DISTURBANCES & IT’S GLOBAL IMPACT | 24-25 NOVEMBER 2018; SMS, LUCKNOW; INSTITUTE OF ENGINEERS INDIA | NATIONAL | | 2. | INVITED LECTURE | BEHAVIOR OF BEARING WITH MAGNETIC RHEOLOGICAL FLUID UNDER THE EFFECTS OF SECOND ORDER ROTATION: A REVIEW | 29-31 JULY, 2021;  (NCAIR-2021)  AMIRUDDAULA ISLAMIA DEGREE COLLEGE & SCIENCE TECH INSTITUTE, LUCKNOW | NATIONAL | | 3. | SESSION CHAIR | INTERNATIONAL CONFERENCE ON ADVANCEMENT IN INTERDISCIPLINARY RESEARCH (ICAIR-2021) | 26-28 OCTOBER, 2021; SHIA P. G. COLLEGE & SCIENCE TECH INSTITUTE, LUCKNOW, INDIA | INTERNATIONAL | |

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**5. MEMBERSHIPS/ AWARDS/ SCHOLARSHIPS**

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| S. No. | DETAILS (MENTION YEAR, VALUE ETC. WHERE RELEVANT) |
| 1. | LIFE MEMBER OF BHARAT GANITA PARISHAD, UNIVERSITY OF LUCKNOW, LUCKNOW |
| 2. | LIFE MEMBER OF INDIAN SCIENCE CONGRESS ASSOCIATION (MEMBERSHIP NO: L24533) |
| 3. | REVIEWER OF MATHEMATICS FOR KUWAIT JOURNAL OF SCIENCE, KUWAIT (SCOPUS & WEB OF SCIENCE INDEXED JOURNAL) |

**6**. **WORKSHOP/ORIENTATION/REFRESHER COURSE ATTENDED:**

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| S.NO. | NAME OF COURSE | INSTITUTION | FROM | TO | PERFORMANCE | SPONSORING AGENCY |
| 1. | ORIENTATION COURSE | ASC, UNIVERSITY OF LUCKNOW | 01/05/2001 | 29/05/2001 | A-GRADE | UGC |
| 2. | REFRESHER COURSE | ASC, UNIVERSITY OF LUCKNOW | 01/09/2001 | 21/09/2001 | A-GRADE | UGC |
| 3. | REFRESHER COURSE | ASC, UNIVERSITY OF LUCKNOW | 07/09/2002 | 27/09/2002 | A-GRADE | UGC |
| 4. | SHORT TERM COURSE ON DEPRIVED SOCIETY MOVEMENT & PRESENT SCENARIO | ASC, UNIVERSITY OF LUCKNOW | 08/09/2015 | 14/09/2015 | A-GRADE | UGC |