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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the teacher | Title of the book/chapters published | Title of the paper | Title of the proceedings of the conference | Name of the conference | National / International | Year of publication | Name of the publisher |
| 1 | Seema Singh |  | Exploring the Impact of New Market Trends on Investor Sentiments | Re-Investing Business Models for Global Equity | International Conference on Opportunities in Crisis: Reinventing Business Models (IC-MGMT-2021) | International | 2021 | Bloomsbury |
| 2 | Babita jaiswal |  | Change of Wave: Globalization to De-Globalization | Re-Investing Business Models for Global Equity | International Conference on Opportunities in Crisis: Reinventing Business Models (IC-MGMT-2021) | International | 2021 | Bloomsbury |
| 3 | Ritu Tomer Rathi | Queens of Indian Sports | Vinesh Phogat: A Budding Legend |  |  | National | 2021 | Khel Sahitya Kendra |
| 4 | Ritu Tomer Rathi | Carving Herself | Editor | Edited the book |  | National | 2021 | Sanjay Prakashan New Delhi |
| 5 | Dr. RAJESH KUMARI | Sustainable Development, Environmental Issues and Self-Sustained Society | Impact of Covid-19 on Employment: A Case Study of District Rohtas, Bihar (India) | Impact of Covid-19 on Employment: A Case Study of District Rohtas, Bihar (India) | Climate Change and Pathways to Self-Reliant India: Opportunities and Challenges for Sustainable Development | National | 2021 | R.K. Books, New Delhi |
| 6 | Dr. Rajesh Kumari | Sustainable Development, Environmental Issues and Self-Sustained Society | Use of Remote sensing and GIS to Understand and Find Appropriate Solution to Environmental Problems | Use of Remote sensing and GIS to Understand and Find Appropriate Solution to Environmental Problems | Climate Change and Pathways to Self-Reliant India: Opportunities and Challenges for Sustainable Development | National | 2021 | R.K. Books, New Delhi |
| 7 | Dr. Rajesh Kumari | Sustainable Development, Environmental Issues and Self-Sustained Society | How Odisha Dealt with Cyclone Amphan while battling Covid-19 Pandemics | How Odisha Dealt with Cyclone Amphan while battling Covid-19 Pandemics | Climate Change and Pathways to Self-Reliant India: Opportunities and Challenges for Sustainable Development | National | 2021 | R.K. Books, New Delhi |
| 8 | Meena Yadav | Electrostatic ion -cyclotron wave excitation by gyrating ion beam in a magnetized plasma containing heavy positive ions. |  |  |  | National | 2021 | Indian Journal of Pure and Applied Physics |
| 9 | Dr. Jyoti Solanki | EFFECT OF COVID-19 PANDEMIC ON HAPPINESS IN COLLEGE STUDENTS |  |  |  | International | 2022 | RED’SHINE PUBLICATION PVT. LTD. |

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| --- | --- | --- | --- | --- | --- | --- |
| Title of paper | Name of the author/s | Department of the teacher | Name of journal | Year of publication | ISSN number | Link to the recognition in UGC enlistment of the Journal |
| Does human serotonin-1A receptor polymorphism (rs6295) code for pain and associated symptoms in fibromyalgia syndrome? | Dr Suman | Zoology | Reumatismo | **2021** | 2240-2683 | https://doi.org/10.4081/reumatismo.2021.1312 |
| A study on economic viability of organic farming in Haryana State | Dr Suman Kharb | Economics | Wesleyan journal of research | **2021** | 0975-1386 | http://www.wesleyanjournal.in/aboutus.aspx |
| “Bhartiya bazaar vyavastha mein laghu, suksham avem madhyam udyogyon (Micro, small and medium Enterprises) per COVID-19 ke prabhav ka Aankalan ” | Manisha | Commerce |  International Journal of Financial Management and Economics | 2022 | 2617-9210 | This is a Peer Reviewed and Refereed Journal |
| Superior Tent Map | Dr Sudesh Kumari | Mathematics | Nonlinear Studies | 2021 | 2153-4373 | https://www.scopus.com/sourceid/21100202514 |
| Dynamics of Standard Logistic Sine Square Map | Dr Sudesh Kumari | Mathematics | Analele Stiintifice ale Universitatii Ovidius, Seria Matematica, | 2021 | 1844-0835 | https://mjl.clarivate.com/search-results |
| Sustainable leadership: The New Challenge for Organizations | Dr. Roma | Commerce | International Refereed Research Journal | 2022 | 0975-4431 | Reviewed Refereed Index prelisted |
| Role of Enterprise Resource Planning (ERP) in Accounting Information System | Dr.Roma | Commerce | International Refereed Research Journal | 2022 | 0975-4431 | Reviewed Refereed Index Prelisted |

\* Dr. Prachi Gupta from Department of Biotechnology Published research paper entitled “Efficient and modified 2-NBDG assay to measure glucose uptake in cultured myotubes” in International Peer-reviewed journal, Journal of Pharmacological and Toxicological Methods, 2021, 107069, ISSN 1056-8719, (Impact Factor 2.252)

\* Dr. Sudesh Kumari from Department of Mathematics, published papers in the following journals

1. Novel Fractals of Hutchinson Barnsley Operator in Hausdorff G-Metric Spaces,  Poincare Journal of Analysis & Applications, 7(1), 99–117, 2020, ISSN 2349-6797. (Scopus)
2. A novel four-step feedback procedure for rapid control of chaotic behavior of the logistic map and unstable traffic on the road, Chaos: An Interdisciplinary Journal of Nonlinear Science, 30, 123115, 3 Dec. 2020. doi: <https://doi.org/10.1063/5.0022212> (SCI Expanded), (Web of Science), (Scopus) (Impact factor 3.642 (Thomson Reuters))
3. A Novel Epidemic Model to Analyze and Control the Chaotic Behavior of Covid-19 Outbreak, Bulletin of the Transilvania University of Bra¸sov Series III: Mathematics, Informatics, Physics, Vol 13(62), No. 2, 479-508, Jan. 2021, ( ISSN 2065-216X). (Scopus)
4. A Study on the Stability and Convergence Aspects of Logistic Map Using Iterative Procedures in Advanced Engineering Research and Applications, Research India Publications, Vol. XII, 2019, ISBN No. 978-93-89116-39-7.

Dr. Chhavi Mangla  from Department of Mathematics has been awarded with Ph.D. with Topic “Optimization Techniques for solving non-linear equations using soft computing techniques”   from Department of Applied Sciences & Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi on 09-07-2020.

* DR. JYOTI SOLANKI from DEPARTMENT OF PHYSICAL EDUCATION published following RESEARCH PAPERS
* Paper published in Elementary Education Online “ Continuous and Intermittent Aerobic Training Repercussions on Psycho-Physiological Parameters in Adult Male” ISSN:- 1305-3515, volume 19, Issue 2,pp-1353-1363, 2020 (Scopus Indexed)
* Paper published in Elementary Education Online “ Perceptive of Indian Students on online learning in the wave of Global Pandemic-Covid 19” ISSN:- 1305-3515, volume 19, Issue 2,pp-1364-1380, 2020 (Scopus Indexed)
* Published a book titled as “A Text Book on Health & Physical education”, ISBN: 978-93-5510-002-3 (2020)
* Bhagyashree Dutta from Department of Chemistry Published paper in January 2021 “Limonoid biosynthesis 3: Functional characterization of crucial genes involved in neem limonoid biosynthesis” Date, B., Thulasiram, H.V.et. at. Phytochemistry, 2021, 184, 112669.
* Dr. Archana Hooda and Ms. Veena Sindhu from Deparetment of English jointly published paper in Research Journal of English Language and Literature (RJELAL) Vol.9 Issue 2. 2021(April- June). Title of the paper is “ Portrayal of India of 1950’s in Mira Nair’s Miniseries A Suitable Boy”.
* Dr. Suman from Department of Zoology has published paper “[Does human serotonin-1 A receptor polymorphism (rs6295) code for pain and associated symptoms in fibromyalgia syndrome?](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=ZP40gIQAAAAJ&citation_for_view=ZP40gIQAAAAJ:8k81kl-MbHgC)” in  Journal “Reumatismo” 2021 with ISSN No 2040-2683
* Priyanka from Home Science  Department has published following papers

1. Title of the paper - a study on the preference of recreational spaces by employees in IT sector: special reference to Gurugram in Journal “Shodha Sarita ( international)” in  oct - December 2020 ISSN number: 2348 - 2397

2. Title of the paper : A study of coping strategies adopted to reduce stress by employees in IT offices : special reference to Gurugram in Journal “The Indian Journal of Home Science “ July 2002 ISSN number - 0970 2733

* Mrs. Indu Rathee

Received University Award in appreciation of devoted services in the field of Youth Red Cross for the year 2018-19 on 5th November 2019 by Vice-Chancellor, MDU, Rohtak.

* Dr. Mansi Arora

Presented a paper entitled “Environmental Impact of Biomedical Waste” in multi-disciplinary National Seminar on ‘Environmental Impact of Today’s Science and Social Arts on Our Civilization’ held at Dronacharya Government College, Gurugram, Haryana on 23rd January 2020.

* Dr. Prachi Gupta

Presented a paper entitled “A natural red pigment against environment potent carcinogen (Nitrosamine)” in multi-disciplinary National Seminar on “Environment Impact of Today’s Science and Social Arts on Our Civilization’ held at Dronacharya Government College, Gurugram, Haryana on 23rd January 2020.

               July – 2019

Dr. Suman of Zoology department published a paper entitled “Can aberrant spinal nociception be a marker of Chronicity of pain in Fibromyalgia?” in Journal of Clinical Neuroscience (2019:65:17-22)

September

Dr. Suman of Zoology Department published a paper entitle “low-frequency repetitive transcranial magnetic stimulation as a therapeutic intervention in chronic tension type headache” a randomised control pilot study in Indian Journal of Medical Research (ISO (1):101-105)

8 November 2019

Dr. Suman form zoology department presented paper in National Conference on multidisciplinary approach in Science: Present trends and Future prospects (NCMAS 2019) organised by IB PG college Panipat. Haryana title of the paper was “Repetitive Transcranial magnetic stimulation in reducing chronic widespread pain and associated symptoms in Fibromyalgia syndrome”. She secured second position in oral presentation.

13 November 2019

Rakhee Chauhan, Dr. Suman and Shweta Yadav from Zoology Department participated in one – day National inter Disciplinary Seminar on Sahitya Samaj or Media organised by Government College for Girls sector-14 Gurugram.

2nd – 7th December 2019

Dr. Suman from Zoology Department attended 6 days workshop and training on “Chemical and Industrial Disaster Management” organised by Haryana Institute of Public Administration Gurugram.

12th – 15th December 2019

Dr. Suman from Zoology Department acted as resource person in the workshop on “Advanced Techniques in Physiological Advances for SAARC Nations” organised by AIMS New Delhi.

19th December 2019

Dr. Suman from Zoology Department acted as resources person in the preconference workshop on “Repetitive transcranial magnetic stimulation to treat chronic pain” organised by AIMS New Delhi

24 December 2019

Mrs. Manisha Sharma from Zoology has published a paper titled “Prevalence of HPV infection in reproductive aged females in Delhi NCR Region” in Journal of Chemical Epidemiology and Global Health: Elsevier (2019.12.012).

9th January 2020

Mrs. Manisha Sharma from zoology published a paper titled “Knowledge and Awareness Regarding HPV Infection and PAP Smear Screening in Reproductive Aged Females in Delhi NCR rural region” in Journal Indian Journal of Gynaecologic Oncology: Springer (2020) 18:20.

18th January 2020

Mrs. Manisha Sharma from Zoology department participated in one-day National inter disciplinary seminar on “Hindi Sahitya Ke Vividh Vimarsh:Samajik Sarokar” organised in Government College for Girls, Sector-14 Gurugram.

22 January 2020

Dr. Suman from Zoology department attended One day conference on “Strategies to Make Drug free campus”. Haryana State Higher Education Council, Sector-14, Panchkula, Haryana.

6 February 2020

Dr. Suman from zoology department attended One day workshop on “To assess and accredit institutions of Higher Learning for NAAC grading”. Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana.

Mrs. Rakhee Chauhan and Dr. Suman from Zoology department accompanied students to Surajkund mela, Faridabad.

18th February 2020

Mrs. Shalini Yadav from Zoology Department attended National Seminar on “ICT in education sector Implications and Challenges” organised by Govt College, Narnaul (Haryana).

23 – 24th February 2020

* Dr. Suman from Zoology department attended and presented poster on the topic “Repetitive Transcranial Magnetic Stimulation of Dorsolateral Prefrontal Cortex reduces Pain and Associated Symptoms in Fibromyalgia Syndrome” in International Summit on Women in STEM, India Habitat Centre, New Delhi.
* Chhavi Mangla from Dept. of Mathematics submitted her thesis, titled as “Optimization Techniques for solving Non-Linear Equations using Soft Computing Techniques” under the supervision of Prof. Musheer Ahmad and Prof. Moinuddin at Department of Applied Science and Humanities, Faculty of Engineering and Technology, Jamia Milia Islamia, New Delhi on 30-09-2019.

SUDESH KUMARI:

* Awarded Ph.D. degree in Mathematics on the topic “Design and Analysis of Fractals Using Fixed Point Iterative Procedures” on 24-07-2020.
* Delivered talk on “Fractals and Chaos Theory: A brief Introduction and Development” in Scientific Seminar of Mathematics and Computer Science organized by Faculty of Mathematics and Computer Science, Transilvania University of Brașov, Romania on 11-05-2021.
1. Multi fractals of Generalized Multivalued Iterated Function Systems in b-Metric Spaces with Applications, Mathematics Sept. 2019, 7, 967; doi:10.3390/math7100967. (SCI Expanded), (Web of Science), (Scopus) (Impact factor 2.258 (Thomson Reuters))
2. Bifurcation Analysis of Logistic Map Using Four Step Feedback Procedure, International Journal of Engineering and Advanced Technology (IJEAT), 9 (1), 704-407, 2019, ISSN 2249-8958.   (Scopus)
3. Graphics for Complex Polynomials in Jungck-SP Orbit, IAENG International Journal of Applied Mathematics, 49(4), 568-576, 2019, ISSN 1992-9986.  (Scopus)
4. Controlling the Chaos of logistic Map Using Switching Strategy, International Journal of Engineering and Advanced Technology (IJEAT), 9 (2), 515-518, 2019, ISSN 2249-8958.   (Scopus)
5. Dynamics of superior fractals via Jungck SP orbit with s-convexity, Annals of the University of Craiova, Mathematics and Computer Science Series, 46(2), 344-365, 2019, ISSN 1223-6934.  (Web of Science), (Scopus)
6. Convergence Analysis of Algorithms for Variational Inequalities Involving Strictly Pseudo-Contractive Operators, Poincare Journal of Analysis & Applications, 2019(2), 123-136,  ISSN 2349-6797.   (Scopus)
7. On the construction, properties and Hausdorff dimension of random Cantor one pth set, AIMS Mathematics, 5(4), 3138–3155, 24 March, 2020, (ISSN 2473-6988). (SCI Expanded), (Web of Science), (Scopus) (Impact factor 1.427 (Thomson Reuters))

Chapters Published in the books

\* A Study on the Stability and Convergence Aspects of Logistic Map Using Iterative Procedures in Advanced Engineering Research and Applications, Research India Publications, Vol. XII, 2019. ISBN No.978-93-89116-39-7

\* Rishi Pal, Sneh Lata Goyal, Ishpal, Smriti Sharma: Efficient room temperature methanol sensors based on polyaniline/graphene micro/nanocomposites, Iranian polymer journal, 2020.

\* Smriti Sharma, Sneh Lata Goyal, Rishi Pal: Study of DC electrical properties of iron oxide doped polyaniline,2019.

\* Rishi Pal, Sneh Lata Goyal, Smriti Sharma: Facial synthesis of polyaniline and its nanocomposites for room temperature methanol sensors, 2019.

DR. JYOTI SOLANKI

* Paper published in International Journal of Physical Education, Sports and Health
* “The benefit of Yoga: A review” ISSN: - 2394-1685, volume 6, Issue 4, Part-A, pp-1-04,2019
* Paper published in International Journal of Physical Education, Sports and Health “Ramification of isochronal aerobic training on vital capacity, peak flow rate and body mass index” ISSN:- 2394-1685, volume 6, Issue 1, pp- 143-147, 2019.
* Ms. Anita (Geography Department) in 2019-2020
* Two Chapters in two separate Books
* One research article in Journal.
* One first best paper award in national level conference

Department of commerce

Name: Ms. Naina Vohra

Research paper 1 – Relationship Between Company characteristics and Divided policy.

In journal of advanced and scholarly research in allied education

ISSN: 2230-7540

Awarded – 01 March 2019

Research paper 2 –Review of literature management of earnings in the corporate sector in Baddi, Himachal Pradesh.

In journal of advanced and scholarly research in allied education

ISSN: 2230-7540

Awarded- 01 February 2019

Department: Chemistry.

Name: Ms. Pooja Singh.

Personal Achievement during 2019-2020: Completion of Ph.D.

University: OPJS, Churu, Rajasthan

Subject: Chemistry.

Topic: A Study of Inorganic Nanoparticles in Layers Thin Solution with New Techniques.

Duration of Ph.D. : Feb 2016 to Feb 2020.

Papers published :

Paper-1: A Study of Metallic Inorganic Nanoparticles in Layers and Its Characterization (Airo International Journal, March 2018).

Paper-2: Study the Formation of Inorganic-On-Organic Thin Films and Typical Synthetic Methods for NPS (Research Review Journals, Feb 2019).

Department of Mathematics

Dr. Chhavi Mangla, Extension Lecturer

Achievement 2019-2020

Paper Publication:

Mangla, C., Ahmad, M. & Uddin, M. Optimization of complex nonlinear systems using genetic algorithm. Int. j. inf. tecnol. 13, 1913–1925 (2021). <https://doi.org/10.1007/s41870-020-00421-z>  (SCOPUS INDEXED) (Accepted on 23 Jan’ 2020)

Dr. Prachi Gupta

Biotechnology

2019-20

1. Published research paper entitled ´S-allyl Cysteine: A Potential Compound Against Skeletal Muscle Atrophy” in International Peer-reviewed journal BBA- General Studies (impact factor 3.6)
2. Published a chapter in a book entitled “Microbial Enzymes and its Applications: Bacterial Calpain as a Possible Member of GRAS Family in Meat Industry” Chapter 2 in Book entitled “Microbes for Humankind and Application” 2020 Daya Publishing House®, A Division of Astral International Pvt. Ltd. New Delhi – 110 002.

Dept of English

Priyanka Redhu Year :2019

Published chapter in a book

Name of the chapter :

Enhancing Language Competence through Language Lab : An Attempt to Constructivist Approaches in Teaching

Name of the book - CONSTRUCTIVIST APPROACHES IN LANGUAGE TEACHING

ISBN : 978-93-88669-73-3

Dept of English

 Ms Veena Sindhu published research paper entitled, “Victimization of women in Khaled Hosseine’s Novel A Thousand splendid Suns” in IJELLH Vol.7, Issue 7, July 2019.

 1. Presented a paper in one day National Seminar  at Shaheed Udham Singh Government

       College, Matak Majri (Indri, Karnal) on Oct.5, 2019.

2. Published a research paper in Our Heritage Journal on “ Impact of Demonetisation on

Indian Economy” Vol. 68 Issue 1, January 2020, ISSN: 0474-9030

 3. Presented a paper in one day National Seminar  at Government College, Narnaul on

Feb. 18, 2020.