**

***Profile***

*I am working as Professor & Director of Research & Project development at Sangam University, Bhilwara. I have 14 years’ experience in the areas of Research, (Oxidative stress, Haematology in Indian major carps, and Molecular Identification and Phylogenetic Relationships in fishes.). I have done M.Sc., M.Phil., Ph.D., Post Doctorate (UGC), and D.Sc. I have More than 55 research papers in National and International journals, 3 books, and 2 chapters contributed to different books and 3 patents published. I am FICCE (fellow of the international congress of Chemistry and Environment) and Assistant Editor in the International Journal of Zoology Studies.*

***WORK EXPERIENCE***

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| --- | --- |
| 01/10/2021 - Present | **Professor & Director of Research & Project development***Sangam University, Bhilwara (Raj)* |
| *01/02/2021- 30/0920/21* | **Associate Professor***Sangam University, Bhilwara (Raj)* |
| *01/09/2019- 30/09/2021* | **Research Associate***Sangam University, Bhilwara (Raj)* |
| *01/10/2007-31/03/2008* | **Lecturer***Alok Science College Kekri, Ajmer (Rajasthan), India* |

***Research Experience***

D.Sc.

Molecular Identification and Phylogenetic Relationships of Mahseer (Tor Sp.) From Southern Rajasthan Based on ATPase 6 And Cytochrome Oxidase Subunit I Mitochondrial Genes.

Post Doctorate

Analysis of impact of pesticides on Biomarkers of oxidative stress and Haematology in Indian major carps

Ph.D

Toxicological study of certain contaminants on fish fauna of Bisalpur reservoir

M.Phil.

*A Morphometric analysis of fish fauna & fish production of Bisalpur dam area.*

***Education***

* ***D.Sc.*** *Sangam University, Bhilwara, Rajasthan, India.*
* ***Post Doc.*** *MDSU Ajmer, Rajasthan, India.*
* ***Ph.D.*** *MDSU Ajmer, Rajasthan, India.*
* ***M.Phil*** *MDSU Ajmer, Rajasthan, India.*
* ***M.Sc.*** *MDSU Ajmer, Rajasthan, India.*
* ***B.Sc.*** *MDSU Ajmer, Rajasthan, India.*

***Fellowship received***

|  |  |  |  |
| --- | --- | --- | --- |
| ***S. No*** | ***Name of Award*** | ***Awarding Agency*** | ***Year*** |
| *1.* | *Rajiv Gandhi Fellowship* | *UGC* | *2008-2011* |
| *2.* | *Post-Doctoral Women Fellowship* | *UGC* | *2013-2018* |

***Certificate***

1. *Advisory Board member of the Tantia University, Sri Ganganagar (Raj)*
2. *Advisory Board member of Environmental toxicology of IFFCO.*
3. *FICCE (fellow of International Congress of Chemistry and Environment).*
4. *Assistant Editor in International Journal of Zoology Studies.*

***Award***

1. *Bharat Ratna Rajiv Gandhi Gold Medal Award on 21 March 2020 at Banglore.*
2. *Outstanding Scientist Award on 7 August at Pondichery, India*.

***Book published***

**Detail of Books/ Chapters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Title** | **Author’s Name** | **Publisher** | **ISBN number** | **Year of Publication** |
| 01 | Toxicological study of certain contaminants on fish fauna of Bisalpur | **Dr. Sudha Summarwar** | LAP LAMBERT Academic Publishing is in cooperation with: MoreBooks! Marketing SRL Balti,4 Industrial street, Moldova, Europe | **ISBN978-613-****9-****57713-2** | 2018 |
| 02 | *Nanoscale Engineering in Agricultural Management Contributed in****Chapter 1. Nanomaterials Synthesis and Characterization*** | *Ramesh Raliya,* *Vinod Saharan, Kailash Choudhary,* ***Sudha Summarwar,*** *Khushboo Gulecha,**Vikal Gupta and Prakash MalSain* | *CRC Press Taylor & Francis Group 6000 Broken Sound Parkway NW, Suite 300Boca Raton, FL 33487-2742.* | *Internation al Standard**Boo k Number- 13:* | *2019* |
| 03 | *ENVIRONMENT**A Biological perspective**A handbook on Environment* | ***Dr.Sudha Summarwar,*** *Dr.Harendra Kumar* | *Alka Publications* | *ISBN No. – 9788194185253* | *2020* |
| 04 | *COVID-19**Impact &**Catastrophe Management* | ***Dr. Sudha Summarwar****,* *Prof. (Dr.) K.P. Yadav,* *CS Jasmine Kaur,* *Dr. Harendra Kumar* | *Alka Publications, Ajmer* | *ISBN No. – 9788194185260* | *2020* |
| 05 | *Insect Science and Experiment* | *Dr.Deepali Lall,****Dr.Sudha Summarwar,*** *Dr.Gunmala Gugalia, Abhishek Singh* | *Akinik Publications* | *ISBNNo.-978-**93-90420-73-5* | *2020* |

***Detail of National Patents***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Title** | **Inventor’s** | **Application No.** | **Publication Date** | **Pattent office Journal No.** |
| 01 | *A Method of coating fish catching net for fish tissue collection, preservation and composition* *There of.* | ***Dr. Sudha Summarwar,*** *Prof. (Dr.) K.P. Yadav,**Dr. Harendra Kumar* | *202011016572**A* | *22/05/2020* | *21/2020* |
| 02 | *Method for molecular identification and phylogenetic relationships of Mahseer.* | ***Dr.Sudha Summarwar,*** *Dr. Harendra Kumar,* *Prof. (Dr.)**K.P. Yadav.* | *202011017238**A* | *19/06/2020* | *25/2020* |

***Detail of International Patents***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***S.No.*** | ***Title*** | ***Inventor’s*** | ***Patent******Number*** | ***Publication******Date*** |
| 01 | *A Methodology for species validation of Mahseer populations* | ***Dr.Sudha summarwar****, Dr.Harendra Kumar,* *Prof.(Dr.) K.P. Yadav* | *2020102680* | *18 /11/2020* |

***Project***

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Issue** | **Name of Company/ Industry** | **Time Frame** |
| 01 | Assessment of microbiological quality of milk received at dairy dock | Bhilwara Zila Dugdh Utpadak Sahakari Sangh Ltd., Bhilwara | 26.10.2020 |
| 02 | Comparative study of buffalo milk quality collected from different areas | Bhilwara Zila Dugdh Utpadak Sahakari Sangh Ltd., Bhilwara | 26.10.2020 |
| 03 | Comparative study of cow milk quality collected from different areas | Bhilwara Zila Dugdh Utpadak Sahakari Sangh Ltd., Bhilwara | 26.10.2020 |
| 04 | Assessment of nutritional value of reconstituted milk vis-à-vis freshly collected milk | Bhilwara Zila Dugdh Utpadak Sahakari Sangh Ltd., Bhilwara | 26.10.2020 |
| 05 | Effect of milk feeding in human volunteers.  | Bhilwara Zila Dugdh Utpadak Sahakari Sangh Ltd., Bhilwara | 26.10.2020 |

***Publication***

***International***

1. *“Assessment o fMahseer population structure and Genetic variation using*

*ATPase6”.*

***Author’s Name- Sudha Summarwar ,K.P.Yadav & S.P.Tailor***

 *JournalofWildlifeResearch|October December,2020|Volume08|Issue04|Pages00-00*

*©2020Jakraya.*

1. “*Comparative study of buffalo milk quality collected from different areas”.*

***Author’s Name- Sonali Swarnkar and Dr. Sudha Summarwar***

 *World Journal of Pharmaceutical Research . SJIF Impact Factor 8.084*

*Volume 10, Issue 2, 981-984. Research Article ISSN 2277– 7105.*

1. *“Genetic differentiation among Himalayan and local Mahseer populations”.*

***Author’s Name -Dr. Sudha Summarwar, Dr. K.P. Yadav and Dr. S.P.Tailor***

 *International Journal of Fauna and Biological Studies, ISSN: 2347-2677.*

1. *"Cytochrome OxidaseI based haplo type diversity of Mahseer (Tor tor )from eight sites in Southern Rajasthan",*

 **Author’s Name- Sudha Summarwar, K.P. Yadav, Harendra Kumar, Satya Tailor**

 *https://doi.org/10.22541/ au.159248803.35256699.*

1. *“Investigation of Fish Genetic Diversity based on Nucleotide Composition of Mahseer, Tor sp. From Rajasthan"*

#  Author’s Name - Sudha Summarwar, K.P. Yadav and Harendra Kumar

Research Journal of Chemistry and Environment Vol. 24(11) November (2020) Res.J. Chem. Environ.

1. *“Bhilwara Model Of Covid-19: An Administrative And Scientific Purview”*

 ***Author’s Name- Dr. Harendra Kumar and Dr. Sudha Summarwar***

Journal-World Journal Of Pharmaceutical Research SJIF. Volume 9, Issue 6, 1813- 1825. Research Article ISSN 2277– 7105.

1. *“Evaluation Of Oxidative Stress By Xanthine Oxidase In Indian Major Carps From Lakes*

*Of Ajmer.”*

#  Author’s Name- Dr. Sudha Summarwar\* and Dr. Harendra Kumar

Journal- European Journal Of Pharmaceutical And Medical Research ISSN 2394-3211 ejpmr, 2020,7(6),682-686.

1. *“Impact of pesticides on biochemical analytes in Indian major carps from lakes of Ajmer.”*

 **Author’s Name- Dr. Sudha summarwarˡ, Prof. (Dr.) K.P. Yadav².**

Journal- J**o**urnal of Emerging Technologies and Innovative Research © 2019 JETIR June 2019, Volume 6, Issue 6 [www.jetir.org](http://www.jetir.org/) (ISSN-2349-5162).

1. “Contemporary Issues in Vector Management”

 ***Author’s Name- Chetana Suvalka, Dr. Arti Prasad, Manoj Joshi,***

 ***Dr. Sudha Summarwar, Ankita Kumari, Kanistha Acharya***

 Journal- JETIR May 2019, Volume 6, Issue 5.

1. *“Eco-friendly and Economic approach of Green Synthesized Nanoparticlesas Aedes Mosquito Control.”*

#  Author’s Name- Manoj Joshi, Dr. Arti Prasad, Dr. Sudha Summarwar,

#  Chetana Suvalka, Ankita Kumari, Kanistha Acharya

 Journal- JETIR May 2019, Volume 6, Issue 5.

*11.”Effect of Varying Ambiences on Glutathione Concentration in Tissues of Labeo rohita*

 *& Clarias batrachus.”*

#  Author’s Name- Dr. Sudha Summarwar

 Journal- International Journal of Science and Research (IJSR) ISSN: 2319-7064

 Index Copernicus Value (2016): 79.57 | Impact Factor (2017):7.296.

1. *“Enumeration of WBC in the blood of fish from Ana Sagar and Foy Sagar Lake”.*

#  Author’s Name- Dr. Sudha Summarwar and Dr. Deepali Lall

 Journal- International Journal of Fauna and Biological Studies 2018; 5(3): 160-163.

1. *“To determination level of Vitamin, A in Labeo rohita & Clarias batrachus of*

*Bisalpur reservoir”.*

#  Author’s Name- Dr. Sudha Summarwar

 Journal- 2018 JETIR September 2018, Volume 5, Issue 9,

 [www.jetir.org(ISSN-](http://www.jetir.org(ISSN-) 23495162), Jetir1809517.

1. *“To Quantify biochemical parameter (catalase) Analytes in Labeo rohita & Catla catla.”*

 **Author’s Name- Dr. Sudha Summarwar**

 Journal- 2018 JETIR May 2018, Volume 5 www.Jetir.org (ISSN- 2349-5162).

1. *“To Quantify plasma biochemical parameter of Indian major carps”.*

 ***Author’s Name- Dr.Sudha Summarwar and Dr. Deepali Lall***

 Journal-2018 IJCRT|Volume 6,Issue 2 April 2018|ISSN:2320-2882.

1. *“Efficacy of some plant extracts against against larvae of American bollworm*

 *Helicoverpa armigera (Nouctuidae: Lepidoptera) special reference to the effect on*

*peritrophic membrane).”*

***Author’s Name- D. Lall & Sudha Summerwar***

*Journal-2018 IR April 2018,Volume 5, Issue 4.*

1. *Bio-efficacy of different bio agent’s population of Whitefly,*

*(Bemisia tabaci Gennadius).*

# Author’s Name- Rita Sharma and Dr. Sudha Summarwar.

Journal- International Journal of Fauna and Biological Studies 2017; ISSN: 2347-2677; 4(4): 176-178.

*15.Comparative bio-efficacy of some newer insecticides against jasssid*

*(Amrasca biguttula biguttula,Ishida) in Bt. Cotton crop.*

**Author’s Name- Rita Sharma and Dr. Sudha Summarwar**

Journal-International Journal of Faunaand Biological Studies 2017; 4(4): ISSN 23472677 IJFBS 2017;4(4):89-91.

|  |
| --- |
| 1. *Biochemical vicissitudes of Superoxide dismutase (SOD) and Catalase (CAT) in Clarias batrachus* & *Labeo rohita*.

**Author’s Name- Dr. Sudha Summarwar**Journal-International Journal of Faunaand Biological Studies 2017; 4(4): ISSN 23472677 IJFBS 2017;4(4):86-88. |
|  |

1. *“Efficacy of Bio agents against Jassid Amrasca biguttula biguttula Ishida) Population on RCH-134 Bt(BG-II).”*

**Author’s Name- Rita Sharma and Dr. Sudha Summarwar**

Journal- International Journal of Faunaand Biological Studies 2017; 4(4): ISSN 23472677 IJFBS 2017;4(4):26-28

|  |
| --- |
| 1. *“Evaluation of bioagents against Thrips population on RCH-134Bt (BG-II).”*

***Author’s Name- Sudha Summarwal, Deepali Lall***Journal- International Journal of Biology Research ISSN: 2455-6548, Impact Factor: RJIF 5.22; Volume 2; Issue 3; July 2017; Page No. 38-40 |

1. *“Appraisal of Bollworm complex damage of Bt cotton by Integrated pest management (IPM).”*

# Author’s Name- Rita Sharma and Dr. Sudha Summarwar.

Journal -International Journal of Advanced Education and Research ISSN: 2455- 5746,Volume2; Issue4; July 2017;PageNo.136-138.

|  |
| --- |
| 1. *Management of sucking insect pest complex of Bt cotton by Integrated pest management (IPM).*

**Author’s Name- Rita Sharma and Dr. Sudha Summarwar.**Journal- International Journal of Advanced Research and Development ISSN: 2455-4030, Volume 2; Issue 4; July Page No. 105-107 |
|  |

1. *Control of Helicoverpa armigera with the use of some Biopesticides.*

# Author’s Name- Deepali Lall, Sudha Summarwar&Jyotsana Pandey.

Journal- Remarkingan Analyzation, P:ISSNNO.:2394- 0344,E:ISSNNO.:2455-0817RNI No.UPBIL/2016/67980,VOL-2\*ISSUE-3\*June-2017.

1. *“Dopehead of Tobacco users in western Rajasthan.”*

**Author’s Name- Dr. Sudha Summarwar, Dr. Ritu Aggarwal, Dr. Eri Mantr.**

Journal- International Journal of Zoology Studies ISSN:2455-7269;

Impact Factor: RJIF5. 14[www.zoologyjournals.com](http://www.zoologyjournals.com/) Volume2; Issue3; May 2017; Page No.34-38

*23.”Catharanthus roses interaction with development stages of Spodoptera litura.”*

# Author’s Name- Sudha Summarwar\* and Jyotsana Pandey.

Journal- ISSN:2320-7051, Int. J. Pure App. Biosci. 4 (3): 193-196 (2016).

1. *“Effect of plant chemical Azadirachtin against pupae of Spodoptera litura.”*

**Author’s Name- Sudha Summarwar\* and Jyotsana Pandey**

Journal- ISSN:2320-7051, Int. J. Pure App. Biosci. 4 (3): 179-181 (2016).

1. *“Enzymatic Responses to Pesticide Chlorpyrifos Exposures in Kidney of Fish Gambusia affinis*.”

**Author’s Name- Neelam Sharma1\*, Sudha Summarwar2 and Jyotsana Pandey3.**

*Journal-ISSN:2320-7051,Int. J.Pure App. Biosci.4(3):136-143(2016).*

|  |
| --- |
| 1. *“Effect of leaf extract of Azadirachta indica treated diet fed to adults of Spodoptera litura on fecundity and egg hatching”.*

Author’s Name- Dr. Jyotsana Pandey and Dr. Sudha SummarwarJournal- Journal of Entomology and Zoology Studies 2016 ;4(4):167-169. |

1. *“Pupicidal activity of plant extracts of Catharanthus roseus against 6th instar of Spodoptera litura.”*

**Author’s Name- Dr. Jyotsana Pandey and Dr. Sudha Summarwar**

Journal- International Journal of Fauna and Biological Studies 2016; 3(4):09-10.

1. *“Bioefficacy of leaf extract of Ocimum sanctum against fecundity & fertility of Spodoptera litura*.”

# Author’s Name- Dr. Sudha Summarwar and Dr. Jyotsana Pandey.

Journal- International Journal of Fauna and Biological Studies 2016; 3(4):07-08.

1. *“Impact of Oviposition Deterrent Effect of Catharanthus roseus and Ocimum*

*Sanctum on Adult Females of Spodoptera litura”.*

**Author’s Name- Dr. Sudha Summarwar and Jyotsana Pandey.**

Journal- International Journal of Fauna and Biological Studies 2016; 3(3):201-203.

1. *“Morphological abnormalities induced by plant extracts on development stages Of Spodoptera litura”.*

**Author’s Name- Dr.Sudha Summarwar, Jyotsana Pandey and Dr.Deepali Lall**

Journal-Journal of Entomology and Zoology Studies 2016 ; 4 (4): 15-17

|  |
| --- |
| 1. *“Toxicity of Neem Against Different Larval Instars of Spodoptera litura”.*

**Author’s Name- Sudha Summarwar**Journal- International Journal of Food, Agriculture and Veterinary Sciences ISSN :2277209X (Online) 2016 Vol. 6 (1) January-April, pp. 66-71/ Summarwar. |
|  |

|  |
| --- |
| 1. *“Growth regulating action of leaf extract of Ocimum sanctum on development stages of Spodoptera .litura”.*

**Author’s Name- Jyotsana Pandey and Sudha Summarwar**. Journal- International Journal of Fauna and Biological Studies. ISSN -2347-2677, IJFBS-2015; 2 (4):15-17 |
|  |

1. *“Antifeedant activity of leaf extract of Catharanthus rosues and Ocimum*

*sanctum against fourth instar larvae of Spodoptera litura”.*

**Author’s Name- Sudha Summarwar and Jyotsana Pandey.**

Journal- International Journal of pure & Applied Zoology. Vol. 3, Issue3 pp….2015.

1. *“Growth regulating action of leaf extracts of Catharanthus roseus on development of Spodoptera litura”.*

**Author’s Name- Sudha Summarwar and Jyotsana Pandey.**

Journal-International Journal of Food, Agriculture and Veterinaryscience ISSN 2277200\*,2015 Vol. (2) May-August pp-126-130.

1. *Effect of Neem extract on ovicidal activity of Spodoptera litura”.*

**Author’s Name- Sudha Summarwar and Jyotsana Pandey.**

Journal-International Journal of pure & Applied bioscience. ISSN-2320- 7051

|  |
| --- |
| *35.SWINEFLUSCENARIO–Human(HIMI) A Case study of swine flu patients in Beawer, Paliand Ajmer.(Dist.) Type Causes, symptoms, treatment, medication and facts.*Author’sName-Deepalilall, SudhaSummarwar, Ashok Siroya and Vaibhav Shrivastava.Journal- 5thIndo- Japan International Symposium on innovation molecular Approaches in Global Health Research. |
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| --- |
| 1. “*Control of termite through organic farming, bioagent’s v/s chemical insecticide in groundnut”.*

**Author’s Name- Santosh Verma and Sudha Summarwar**. Journal- Eco. Env. & Cons. 20 (2): 2014, pp (239-241). |
|  |

|  |
| --- |
| 1. *“Physico-Chemical characteristics of Bisalpur reservoir, Rajasthan(India)”.*

**Author’s Name- Sudha Summarwar and Santosh Verma**. Journal- Eco.Env. &Cons. 20(4) 2014, pp. (275-276) |
|  |

|  |
| --- |
| 1. *Bio efficacy of plant extracts against larvae of American Bollworm Helicoverpa armigera (Noctuidal: Lepitoptera) Special reference to the effect on Peritrophic Membrane”.*

**Author’s Name- D. lall, S. Summarwar, J. Pandey.**Journal- International Conference on Chemical, Civil and Environmental Engineering (CCEE’2014) Nov – 18-19, 2014 Singapore. |
|  |

|  |
| --- |
| 1. *Suppression off 1generation through ovicidal action of some plant extract against Spodoptera litura.*

**Author’s Name-Deepali lall, Sudha Summarwar Jyotsana Pandey and Arti Prasad.**Journal- International Conference on Agriculture, Ecological and Medical Science. (AEMS2014), July 3-4, 2014 London. |
|  |

1. *Larvicidal effect of leaf power of Calotropis procera and Argimono maxicana against 4th instar of American Boll Warm, Helicoverpa armigera, (Hubnex) (Noctuidal; Lepitoptera)*

**Author’s Name- Deepali lall, Sudha SummarwarJyotsana Pandey and Arti Prasad.**

Journal-2013 International Conference on Agriculture and Biotechnology. IPCBEE Vol. 60(2013) IACSIT Singapore.

1. *“Water Quality Status of Bisalpur reservoir, Rajasthan”.*

# Author’s Name- Sudha Summarwar and Deepali Lall

Journal-ISSN-0971- 0965J.EcobiolEnviron.Monit.,23(1)13-22(2013)Palani ParamountPublication.

1. “*Effect of selected bio- pesticide Calotropis procera and Argimone maxicana against 4th in starlarvae of* *Helicoverpa armigara*.o”

**Author’s Name- D. Lall, S. Summarwar, S. Sharma and Pandey.**

Journal-ISSN-0970-9037j.ecobiol32(1)39- 44 (2013) Palani Paramount Publication.

1. *“Studies on the effect of some plant extract on the larval Instars of*

*Helicoverpa armigera”*.

# Author’s Name- D.lall, A.Prasad, S.Summarwar, J.Pandey, K.Sharma, A.Siroyaand S. Gupta.

Journal- 8th Biyani International Conference (BICON-13) Sept. 22-26, 2013.

1. “*Phytoplankton dynamics and seasonal variation in the lake Pushker, Ajmer”.*

**Author’s Name- Dr. Sudha Summarwar and Dr. Deepali Lall**

Journal- IJALS, Volume (6) Issue (3) May 2013 ISSN- 2277-758X

1. “*Analysis of Water of Pushkar Lake before, during and after the Pushkar Fair”*.

Author’s Name- Santosh Verma and Sudha Summarwar.

Journal-Int.J. Life. Sc.Bt.& Pharma Res. 2012 ISSN 2250- 3137,Vol.1,No.4, October 2012.

|  |
| --- |
| 1. *“Studies on Plankton diversity in Bisalpur Reservoir”.*

**Author’s Name- Dr. Sudha Summarwar**Journal- International Journal of Life Science, Biotechnology and PharmaResearch.-ISSN2250-3137,Vol.1,No.4,October2012 |
|  |

1. “*Study of bio markers of physiological defense against reactive oxygen species during environmental stress”.*

**Author’s Name- Sudha Summarwar and Santosh Verma**.

Journal- Int. J. Life. Sc. Bt. & Pharma Res. 2012

ISSN 2250-3137, Vol. 1, No.3, July 2012

1. “*Haematological Investigation on Labeo rohila following chronic exposure to Zn& Cu*”.

# Author’s Name- Dr. Sudha Summarwar

Journal- IJALS, Vol. 4 August- 2012, ISSN- 2277-758X

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| 1. *“Survey of the status of fisheries in Bisalpur reservoir Rajasthan, India”*.

**Author’s Name- Nalini Mathur and Sudha Summarwar.** Journal- Eco. Env. & Cons. 13 (2): 2007, pp (279-282).***National***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Title of Paper** | **Author’s Name**  | **Name of journal** | **ISSN No.** | **Volume, No. with Year and pp** | **Citation Index** | **Impact Factor** |
| Study of some biopesticides on *Spodoptera litura.* | Deepali Lall, **Sudha Summarwar,** Jyoutsna Pandy | *IJEDR* | *2321-9939* | *6* |  |  |
| Effect of selected biopesticides *Calotrapes procera* and *argemone maxican* aagainst 6th instar larvas of *Helicoverpa armigara* including the behavioural aspect*.*  | *D.Lall,* ***S.Summarwar*** *and S. Sharma* | Indian Journal of Environmental Science |  | 18(1) 2014, pp.19-21. |  |  |
| Biochemical alteration of antioxidant enzymes in fishes of Bisalpur reservoir. | **Sudha Summarwar** and Deepali Lall | Indian Journal of Fundamental and Applied Life Science | 2231-6345(online)2013 | 3(1) January- March,pp-128-132 |  |  |
| Microbiological Quality of water from Bisalpur Reservoir | **Sudha Summarwar** and Deepali Lall | Indian Journal of Environment Sciences |  | 17(1)2013,pp.25 |  |  |
| Effect of Plant extract *Azatirachta Indica* on feeding behaviour of *Spodoptera litura.*  | **Sudha Summarwar** and Jyotsana Pandey | Indian Journal of Fundamental and Applied Life Science. | 2231-6345(Online 2013 | 3(3)July-September,pp-46-51 |  |  |
| Comparative haematological Studies of *Clarius batrachusin* Bisalpur reservoir and Pushkar Lake. | Sudha Summarwar | Indian Journal of Fundamental and Applied Life Science | 2231-6345(online) 2012 | 2 (2) April-June, pp-230- 233 |  |  |
| Study of selected haematological indices of fresh water fish Bisalpur reservoir. | **Dr. Sudha Summarwar and Santosh Verma.** | Indian Journal of Fundamental and Applied Life Sciences | 2231-6345(online) 2012 | 2(2) April- june, |  |  |
| Impact of Finishing operation and hydrobiological factors on recent fish catch in Bisalpur reservoir. | **Sudha Summarwar**, Jyotsana Pandey and Deepali Lall | **Indian Journal of Environmental Science** |  | **15(1) 2011, pp.65-67.** |  |  |

***Conferences/ Seminar/Workshop***

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| --- | --- | --- | --- | --- |
| **Name of Symposium/ Seminar/ Conference/ Workshop** | **International / National Regional** | **Organized by** | **Title of Paper presented** | **Year** |
| Faculty Development ProgramICT tools for Effective Teaching Learning | National | *Sangam University Bhilwara (Raj.)* |  | 2nd August 2021 |
| International Webinar : Nature & Human Interrelationship wrt Ecological Restoration | National | *Sangam University Bhilwara (Raj.)* |  | 26th June 2021 |
| *International Conference Analytical & Intewrdisciplinary Research (ICAIR-2021)* | National | *Sangam University Bhilwara (Raj.)* |  | 05-06 Feb 2021 |
| International Webinar on post COVID -19 Supergowers | National  | *Department of Computer Science & Engineering, Sangam University Bhilwara (Raj.)* |  | 27 June 2020 |
| COVID -19 | International | *Priyadarshini J.L. College of Engineering, Nagpur* |  | 28 Apr 2020 |
| School of Basic and Applied Science : Intellectual Property Right (IPR) | National  | *Sangam University Bhilwara (Raj.)* |  | 18th Jan 2020 |
| National Symposium on Multilateral Initiatives Against Arboviral Dieses NSAD | National  | *Sangam University Bhilwara (Raj.)* |  | 4-06 Jan2020 |
| *Attended the conference “National Symposium on Multilateral Initiatives Against NSAD – 2020”*  | National | *Department of Zoology, University College of Science, Mohan Lal Sukhadia**University Udaipur (Raj).* |  | 4-06 January 2020 |
| *International Conference:* Environmental & Climate Consequences : Challenges & Mitigation Strategies | National | *Sangam University Bhilwara (Raj.)* |  | 21-22 Dec 2019 |
| *International Conference on Recent Advances at Interfaces of Physical and Life Sciences RAIPLS-2019* | National | *Sangam University Bhilwara (Raj.)* |  | 28-30 Dec 2019 |
| *National Conference on Recent Advances Interfaces of Physical and life Sciences RAIPLS-2018* | National  | *Sangam University Bhilwara (Raj.)* |  | 6-7 July 2018 |
| International proceeding for Annual Congresson Environmental Pollution and Sustainable Energy. (ACEPSE-17)-Malang, Indonesia | International | Malang, Indonesia | Evaluation of Enzymological Parameters in tissue of *Clarius batrachus* and *Labeo rohita*. | 04 November 2017 |
| *National conference on Mankind: Facing Environmental Challenges &trackling disasters- Jodhpur* | National | Jodhpur | *Studies of some plant extract against American Bolloworm ,(Helicoverpa armigera) including the effect on peritrophic membrane**Remote sensing.* | 03-04 Dec. 2016 |
| WASET: 18thInternational Conference on Livestock Disease and Treatment- Bangkok | International | Bangkok | Appraisal of Oxidative Stress in Pregnant and Non- Pregnant Descript Goat from Arid Tracts in India. | 30-31 August 2016 |
| 11thAnnual conference of Indian Society of Coloscopy and Cervical Pathology | National | *AIIMS, Jodhpur* |  | 02-03 April 2016 |
| World Research Journals Conference-Dubai. | International | Dubai | Oviposition deterrent effect of leaf extracts and seed extracts of *Azadirachra indicaon Spodoptera litura* | 07-08 December 2015 |
| National Seminaron “Translational Research in biotechnology for improving Animal Health and Production | National  | *Department of Veterinary Microbiology & biotechnology college of Veterinary Bikaner* | *Study the action of Malathion induced enzymatic changes in the targe organ of fish Labeo rohita.* | 07-08 October 2015 |
| Recent Innovation in Technical Terminology & Biodiversity | National | *DRC, Zoological Survey of India* |  | 11-12 Aug. 2015 |
| National conference on Ecological Perspective of Rain Water Harvesting and Ground Water Recharge | National  | *Department of Zoology G.C. Ajmer.* | *Bio-accumulation of contaminants in fishes causes severe stress* | 3-4 January 2014 |
| XII International Conference on Vector and Vector Borne disease. -Department of Zoology, MLV Udaipur. | International | MLV Udaipur | Vector Borne diseases with Emphasison Malaria control by Larvivorous fish | 16-18 Sept. 2013 |
| *National Conference on prospects and challenges in field of*Applied Zoology | National  | *Department of Zoology & Environmental Sciences, Lachoo memorial college of Science & Technology Jodhpur* |  | 12-13 Jan 2012 |
| International Symposiumonrole of biotechnology in conserving bio diversity and livestock development for food security and poverty alleviation. – | International | Veterinary College Bikaner | Conservation strategies for fish bio diversity | 29-31 Dec. 2010 |
| National Seminar on Role of toxicants in Environmental Pollution: Causes, Effects and Control | National  | *Department of Zoology, Vedic Kanya PG College, Jaipur.* | Environmental threat due to mining and pertaingrude to check pollution environmental degradation | 03-04 Feb. 2010 |
| International Workshop on Arthrospira Mass Production in Rural Area of Tropical Countries | International | Department of Botany, Govt. College Ajmer. |  | 22-26 Oct. 2007 |
| National Conference on Environmental Impact Assessment | National  | Department of Geography, Govt. College Ajmer. |  | 26-27 Feb. 2007 |
| National Conference on Environmental Planning and conversation by Traditional Methods | National  | *Department of Geography, Govt. College Ajmer.* | *Effects of persistent organic pollutantsin Environment*Environment Impact Assessment | 22-23 Dec. 2006 |

***Research Skills*** 1. Design experiments based on established conditions with the goal of creating a repeatable, stable process.
2. Planning and scheduling

***Additional Activities –***1. *Attended as Chairperson in International conference, WASET: 18th International Conference on Livestock Disease and Treatment, Bangkok.*
2. *Organizing Secretary of National conference on Mankind: Facing Environmental challenges & tackling disasters.*
3. *Attended as Chairperson in National conference on Mankind: Facing Environmental Challenges & tackling disasters, Jodhpur.*
4. *Paper present in three International conferences.*
5. *Assistant Editor in International Journal of Zoology Studies.*
6. *Organizing Secretary of International conference on an International Conference on Environmental & Climatic Consequences: Challenges & Mitigation Strategies ICECC-2019,21- 22-December.*
7. *Participation Seminar conducted by Mrs Susmita Samanta, Registered Patent Consultant at Sangam University Bhilwara(Raj.) 18th January 2020.*

***Strengths –**** *By keeping a positive attitude and great energy, I demonstrate excellent interpersonal skills.*
* *Ability to excel independently as well as part of a team.*
* *Ability to keep up in an extremely fast-paced environment.*
* *Professional multitasker*
* *Proven leadership skills.*

***References –***1. ***Dr. K.K. Sharma, former U.C. (M.D.S. University)***

***Former Vice Chancellor MDS University Ajmer-305009 Rajasthan, India Date of Birth 1st January, 1954 Started*** *career as researcher in Rajasthan University Jaipur in August 1977 as* ***JRF CSIR*** *and* ***s****elected as permanent faculty as* ***Assistant Professor (1979)*** *in Rajasthan University, Jaipur,* ***Associate Professor (1990)*** *and* ***Professor (1995)*** *MDS University Ajmer, by open selection. Knowledge of German and French Languages.*1. ***Prof. (Dr.) A.K. KATARIA*** *Professor and Head, Department of Veterinary Microbiology and Biotechnology, College of Veterinary and Animal Science (CVAS), Rajasthan University of Veterinary and Animal Sciences, (RAJUVAS), Bikaner.*

*Officer in-charge, Apex Centre for Animal Disease Investigation, Monitoring and Surveillance, CVAS, RAJUVAS, Bikaner, Dean, Post graduate studies, RAJUVAS, Bikaner.*1. ***Prof. (Dr.) NALINI KATARIA***

*Professor, Head, Dept. of Veterinary Physiology, CVAS, Bikaner In-Charge, Radioisotope Laboratory, College of Vet. and Anim. Science, Bikaner RAJUVAS, Bikaner.*1. ***Dr. Ramesh Raliya***

*Head, R&D (Crop Sciences) and Joint General Manager – Nanotechnology at Indian Farmers Fertiliser Cooperative (IFFCO) Limited, India. Dr. Raliya is also a research scientist in the School of Engineering and Applied Sciences, Washington University in Saint Louis, USA.*1. **Prof. (Dr.) K. P Yadav**

Vice Chancellor, Sangam University Bhilwara,Rajasthan, India And Margadarshak :* + 1. *All India council for Technical Education New Delhi (NWR)*
		2. *Rajasthan Technical University, Kota*
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		4. *Advisor, Kingdom Life Christian University, South Carolina, USA*
		5. *Member, Executive Council Integral University Lucknow*
1. ***Dr. Deepali Lall***

*Head Of Department Zoology S.D Govt. College, Beawar.* |
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