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❖ PAPERS PUBLISHED / ACCEPTED IN NATIONAL & INTERNATIONAL JOURNALS

1. Gupta, S., Pandey, G., **Toppo, K.I.** 'Common weeds around Science college campus Durg-Ecological role' April special **2006** Research Link, Issue-27, Vol-V2, 129-130.ISSN No-0973-1628
2. Gupta, S., **Toppo, K.I.**, Pandey, G. 'Common trees and shrubs around Science college campus Durg C.G.' November special **2006** Research Link, Issue 33 Vol-V(8), 11-12 ISSN No. 0973-1628.
3. **Toppo, K.I.**, Chellkswami, L.K. and Gupta, S. **2011** 'Ethnomedicinal Importance of Some Trees of Barnawapara Sanctuary of Chhattisgarh, India, ISSN 0970-3586, **I.F.2.7**
4. **Toppo, K.I.**, Gupta, S., Karkun, D., Agrwal, S. and Kumar, A. **2013** 'Antimicrobial Activity of *Sphagneticola Trilobata* (L.) Pruski, Against some Human Pathogenic Bacteria and Fungi' The Bioscan 8(2): 695-700, **I.F.4.2**
5. Gupta, S., **Toppo, K.I.**, Karkun, D. and Kumar, A. **2013** 'Antimicrobial Activity of *Parthenium Hysterophorus* Linn. And *Moringa Oleifera* Lam Against Some Human Pathogenic Bacteria and Fungus' Journal of Herbal Medicine and Toxicology 7(1): 89-95
6. Gupta, S., **Toppo, K.I.**, Karkun, D., Kumar, A, Mishra, N., Dadsena, R and Thakur, T. **2013** 'Antimicrobial Activity of *Achyranthes aspera* Against Some Human Pathogenic Bacteria and Fungus. Int jour of pharmacology and biological sciences 7(2): 43-54, ISSN No-0973-6808
7. **Toppo, K.I.**, Gupta, S., Karkun, D., and Kumar, A. **2015**. Study of Antimicrobial effect of *Chrysanthemum morifolium* Ramat. (Asteraceae) Against Some Human Pathogens. Int jour of pharmacology and biological sciences 9(2):179-188, ISSN No-0973-6808

8. Gupta, S., **Toppo, K.I.**, Karkun, D. and Kumar, A. **2016**. Study of Antimicrobial Activity of *Lantana indica* Linn. Against Some Human Pathogens and its Phytochemicals. Euro jour of pharmaceuticals and medical research 3(2):301-308 ISSN NO.2394-3211, **I.F.2.026**

1. 6808

❖ **NATIONAL CONFERENCES/SEMINARS/WORKSHOP PARTICIPATED/PRESENTED**

- 1-National seminar on Chhattisgarh post-Independence** **Attended**
Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh 27th – 28th March, **2004**
- 2-National conference on ‘Plant diversity and its Conservation’** **Attended**
St. Thomas College, Bhilai, Chhattisgarh 11th – 12th November, **2005**
- 3-National Science Day 2006 – Seminar** **Attended**
Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh 27th April, **2006**
- 4-Workshop on Biotechnological experiments** **Attended**
Govt. Science College, Raipur, Chhattisgarh 13th – 14th October, **2006**
- 5-National Conference on ‘Species diversity: Measurement, Magnitude, Gradients, Uses & Conservation’** **Attended**
Govt. Kamala Devi Mahila Mahavidyalaya, Rajnandgaon, Chhattisgarh 26th – 27th February, **2007**
- 6-National seminar on ‘Botanical Researches: Present Scenario and future prospects’** **Attended**
Govt. Science College, Raipur, Chhattisgarh 29th – 30th January, **2008**
- 7-National Seminar on ‘Medicinal Value of Drugs extracted form plants of Chhattisgarh’** **Attended**
Govt. Nagarjun P.G. College of Science, Raipur, Chhattisgarh 17th – 18th October, **2008**
- 8-UGC Sponsored National Conference on ‘Climatic change & its effect on Biodiversity’** **Attended**
Mahila Mahavidyalaya, Bhilai, Chhattisgarh 5th – 6th February, **2011**
- 9-National Conference on ‘BIORESOURCE: Its Implication, Alteration and Management for the welfare of Living kingdom’** **Attended**
Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh 11th – 12th October, **2011**
- 10-National Seminar on ‘Recent Trends in Plant & Microbial Sciences’** **Organizing committee member**
Presented Poster Session
Topic- “Antimicrobial Activity of Chrysanthemum Indicum and Wedelia Trilobata against Some Human Pathogens”
Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh 26th – 27th November, **2011**
- 11-National Conference on ‘Importance of Medicinal Plants in Toxicology & Reproductive Endocrinology– A Perspective** **Poster Presentation**

Mahila Mahavidyalaya, Bhilai, Chhattisgarh

20th – 21st January, 2012

12-National seminar on 'Medicinal Plants – Utilization and Conservation with Special Reference to Herbal State Chhattisgarh: Effect of some plants against Microsporium Canis

Presented Paper

Topic- "Effect on Some Plants against Microsporium Canis (MTCC-2820)"

Govt. D.T. College, Utai, Durg, Chhattisgarh

11th – 12th February, 2012

St. Thomas College, Bhilai, Chhattisgarh

10th – 11th October, 2012

14-National Conference on 'Microbial Diversity: Exploration, Conservation & Application': Antifungal Activity of Wedelia Trilobata & Achyronthes Aspera against some Human Pathogenic fungus.

Presented Paper

Topic- "Antimicrobial Activity of Wedelia Trilobata and Achyrantes aspera against Some Human Pathogens"

Govt. Raghavendra Rao P.G Science College, Raipur, Chhattisgarh

16th – 17th February, 2013

15-National Seminar on 'Conservation of Economically Important Endangered Plant Species of Chhattisgarh region'

Attended

Bhilai Mahila Mahavidyalaya, Chhattisgarh

25th – 26th October, 2013

GD Rungta College of Science & Technology

28-29 January 2015

Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh

7-8 February 2015

GD Rungta College of Science & Technology

18-19 February 2015

Bhilai Mahila Mahavidyalaya, Chhattisgarh

2-4 November 2015

Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh

30 November 2015

Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh

2 December 2015

Govt. V.Y.T. P.G. Autonomous College, Durg, Chhattisgarh

22-26 Sept. 2016

INVITED GUEST LECTURE -

1. 7 January 2015

Topic- "Introduction and Distribution of Bryophytes"

Mahila Mahavidyalaya sector 9 Bhilai

2. 4 March 2016

Topic-"Mushroom cultivation"

GURV Institute of management & Technology bhilai

❖ PROJECTS

MINOR PROJECT (UGC) GRANT 2013

✓ F.No –MS-28/202008/12-13/CRO

Topic- "Study of Antifungal properties of some medicinal plants of Durg, Rajnandgaon & Kawardha District of Chhattisgarh"

Mini Projects:

- ✓ Ethnomedicinal and Pharmacological properties of some medicinal plants of Durg, **2010-2011.**
- ✓ Biodiversity of College campus of Govt. V.Y.T. P.G. Autonomous College, Durg, **2010-2011.**
- ✓ Preliminary phytochemical screening and pharmacological aspects of some medicinal plants of Bemetara and Dhamadha district Chhattisgarh. **2013 – 2014.**
- ✓ Preliminary phytochemical screening and pharmacological aspects of *Moringa oliefera* and *Achyranthes aspera*. **2013 – 2014.**
- ✓ Preliminary phytochemical screening and pharmacological aspects of *Jatropha curcas* and *Chrysanthemum morifolium* **2013 – 2014.**
- ✓ Survey and documentation of grass diversity of Durg Chhattisgarh. **2014-2015.**
- ✓ Preliminary study of the fresh water algae of Durg city. Chhattisgarh. **2014-2015.**
- ✓ Preliminary study of the fresh water algae of Shivrath river, Durg . Chhattisgarh. **2014-2015.**

Projects of Scientific visits/Educational tours:

- ✓ Preliminary study of Bamboo forest of Gondia district Maharashtra. **2003 -2004**
- ✓ Preliminary study of *Dandrocalamus strictus* of Devpur and Barnawapara bamboo forest of Pithora, district Raipur Chhattisgarh. **2004-2005**
- ✓ Biodiversity & Economic importance of avenue trees of 32 Bungalow road, Garage road, Central avenue and forest avenue **2005-06.**
- ✓ Biodiversity of some plants of Banjari Forest, Rajnandgaon, **2005-2006.**
- ✓ Scientific visit to Indira Gandhi Agriculture University, **2006-2007.**
- ✓ Biodiversity of some plants of Pachmarhi Hills, Hoshangabad, M.P, **2007-2008.**
- ✓ Antimicrobial activity of antidandruff shampoo against different keratinophilic microorganisms. **2007-2008.**
- ✓ Biodiversity of some avenue trees of Durg, **2007-2008.**
- ✓ Preliminary study of avenue trees of Jail road and Forest office road of Durg, City. **2008-2009.**
- ✓ Biodiversity of some avenue trees and its economic uses. **2009-2011.**
- ✓ Scientific visit to Botanical survey of India, Kolkata. **2009- 2010**
- ✓ Scientific visit to Chilika Lake; Study of Wetland vegetation, **2010-11.**
- ✓ Scientific visit to Vishakhapatnam : Study of Seashore vegetation. **2013- 2014**
- ✓ An excursion to Jatmai/Ghatarani forest of Chhattisgarh. **2014-2015.**
- ✓ Biodiversity of some trees, shrubs and garden plants of Maitri Bag, Bhilai, District Durg, Chhattisgarh. **2015-2016.**