

**Profile of Dr. Sudha Devi, M.**



- (i) Designation : Assistant Professor
- (ii) Department : Biochemistry, Biotechnology and Bioinformatics
- (iii) Qualification : M. Sc., M. Phil., SET, Ph. D.
- (iv) Experience : 10 years
- (v) Specialization : Animal Biotechnology
- (vi) Email id : [sudhadevi2003@gmail.com](mailto:sudhadevi2003@gmail.com)
- (vii) Research Guidance :

Degree	Awarded	Guiding
M. Phil.	01	Nil
Ph. D.	Nil	Nil

- (viii) Publications

S. No.	Category	Total	For the Period (2013-2018)
1	International Journals	01	01
2	National Journals	01	01
3	In house	Nil	Nil
4	Full length articles in proceeding	03	03
5	National Conference	02	02
6	Books / Chapters in Books / Books Edited	Nil	Nil

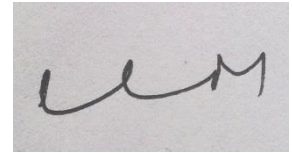
**Best 5 Publications (2013-2018):**

S. No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pages	Year
1	<i>Zea mays</i> leaf extracts exhibits anticancer property and enhance the chemotherapeutic action of etoposide in cancer cells	Biomedicine & Preventive Nutrition	I	ISSN: 2210-5239	4	1530-1539	2014
2	<i>Zea mays</i> leaf extracts protects primary chick embryo fibroblast cells from apoptosis induced by hydrogen peroxide <i>in vitro</i>	Journal of Pharmacy Research	I	ISSN: 2321-4988	6	638-646	2013

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| (ix)   | Sponsored Projects                                       | : Nil |
| (x)    | Details of the Projects (2013-2018)                      | : NA  |
| (xi)   | Seminars / Conferences / Workshops organized (2013-2018) | : 07  |
| (xii)  | Seminars / Conferences / Workshops attended (2013-2018)  | : 22  |
| (xiii) | Awards / Achievements / Recognitions (2013-2018)         | : 05  |
| (xiv)  | Invited Talks (2013-2018)                                | : 01  |

Participated and delivered a Motivational Talk in Bharat Nirman Public Information Campaign Organized by Ministry of Information & Broadcasting, Govt. of India, Karaikal, on 02.09.2013.

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| (xv)  | Visits Abroad (2013-2018)               | : Nil |
| (xvi) | Additional Responsibilities (2013-2018) | : 03  |



Signature of the staff

**Seminars / Conferences / Workshops organized (2013-2018) : 07**

- i. International Symposium on “Trends in Tackling Tenacious Diseases” at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 10<sup>th</sup> Aug., 2018.
- ii. International Conference on “Current Trends in Advanced Biomedical Technology (CTAB-2018)” at Nehru Arts and Science College, Coimbatore during 24<sup>th</sup> to 25<sup>th</sup> Jan., 2018.
- iii. Joint Science Education Panel sponsored two day “Science Academies” Lecture Workshop at Nehru Arts and Science College, Coimbatore, during 8<sup>th</sup> to 9<sup>th</sup>, June, 2017.
- iv. NAAC Sponsored One Day National Workshop On “The Significance of Curriculum Design and Delivery Process in Outcome Based Education (OBE)” at Nehru Arts and Science College, Coimbatore, during 02.04.2015.
- v. National Conference on “Challenges & Technological Advancements in Biological Industries (CTAB-2014)” at Nehru Arts and Science College, Coimbatore, during 22.12.2014
- vi. National Conference on Current Trends in Advanced Biomedical Technology (CTAB-2013) at Nehru Arts and Science College, on 09.10.2013.
- vii. Workshop on NPTEL – National Programme on Technology Enhanced Learning at Nehru Arts and Science College, on 31.08.2013.

**Seminars / Conferences / Workshops attended (2013-2018)**

- i. Participated in an International Symposium on “Trends in Tackling Tenacious Diseases” organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 10<sup>th</sup> Aug., 2018.
- ii. Participated in “One-day training programme on FE SEM” organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 21<sup>st</sup> July, 2018.
- iii. Participated in Science Academies Lecture Workshop on “Recent Trends in Microbiology and Biotechnology” organized by Nehru Arts and Science College, Coimbatore during 11<sup>th</sup> to 12<sup>th</sup> July, 2018.
- iv. Participated and presented a poster entitled “**Antifungal and Antimicrobial Activity of *Curcuma amada* and *Citrus aurantifolia***” in an International Conference on “Current

- Trends in Advanced Biomedical Technology (CTAB-2018)” organized by Nehru Arts and Science College, Coimbatore during 24<sup>th</sup> to 25<sup>th</sup> Jan., 2018.
- v. Participated in National Workshop on “Designing Curriculum for Sustainable, Skill and Societal Development” at Nehru Arts and Science College, Coimbatore, during 19<sup>th</sup> to 20<sup>th</sup> Jan., 2018.
  - vi. Participated in a Workshop on “Organic Terrace Garden Aspects and Prospects” at Bharathiar University, Coimbatore, on 20<sup>th</sup> Dec., 2017.
  - vii. Participated and presented a paper entitled “**A study on the Therapeutic potential of Gold Nanobioconjugates from *Clitoria ternatea* Leaves**” in an International Conference on “Interdisciplinary Research Innovations in Science and Humanities (IC-IRISH-2017)” organized by Nehru Arts and Science College, Coimbatore at Bangkok, Thailand, during 29<sup>th</sup> to 30<sup>st</sup> Nov., 2017.
  - viii. Participated and presented a paper entitled “**A Study on the Antibacterial Potential of Silver and Gold Nanobioconjugates from *Clitoria ternatea* Leaves**” DST-CURIE Sponsored Two-day National Conference on “Medicinal Plant Research and Translational Trends” organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 18<sup>th</sup> to 19<sup>th</sup> Dec., 2017.
  - ix. Participated in Joint Science Education Panel sponsored three day “Science Academies” Lecture Workshop on “DNA technologies in Revisiting Biology” organized by Dr. NGP Arts and Science College, Coimbatore, during 27<sup>th</sup> to 30<sup>th</sup>, July, 2017.
  - x. Participated in Joint Science Education Panel sponsored two day “Science Academies” Lecture Workshop at Nehru Arts and Science College, Coimbatore, during 8-9, June, 2017.
  - xi. Participated in three-day training program on “Conservation, Cultivation and Post-harvest Management of Medicinal and Aromatic Plants” at HC&RI, TNAU, Coimbatore, during 5-7, June, 2017.
  - xii. Participated and presented a paper entitled “**Anti inflammatory Effect of Silver and Gold Nanobioconjugates from *Clitoria ternatea* Leaves *in vitro* and *in vivo***” International Conference on “Herbal and Natural Components as the Future of Pharmacology” organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 27<sup>th</sup> Feb. to 1<sup>st</sup> March, 2017.

- xiii.** Participated and presented a paper entitled **“An Evaluation of Anti inflammatory properties of green synthesized Silver and Gold Nanobioconjugates from *Clitoria ternatea* Leaves”** National Seminar on “National Therapeutics” organized by Kongunadu Arts and Science College, Coimbatore under DBT-STAR College Scheme on 20.09.2016.
- xiv.** Participated and presented a paper entitled **“A Study on the Therapeutic Potential of Silver and Gold Nanobioconjugates from *Clitoria ternatea* Leaves”** in TEQIP II Sponsored National Conference on “Innovation and Future Directions in Pharmaceutical Products and Process Development (P3D 2016)” organized by Anna University-BIT Campus, Tiruchirappalli during 09.09.2016-10.09.2016.
- xv.** Participated and presented a paper entitled **ICTs and Education in a** UGC Sponsored National Seminar on ICT Enabled Education for Excellence (NSICTEE-2016) organized by Gandhigram Rural Institute, Gandhigram during 8 - 9, Feb., 2016.
- xvi.** Participated and presented a poster entitled **A Study on the Therapeutic Potential of Gold Nanobioconjugates from *Clitoria ternatea* Leaves** in an International Conference on Translational Cancer Research (ICTCR-2015) Organized by Avinashilingam University for Women, Coimbatore during 14 - 16, Dec., 2015.
- xvii.** Participated and presented a paper entitled **A study on anti-microbial and anti-inflammatory activity of *Clitoria ternatea* leaf extracts and its nanoparticles** in UGC sponsored National Conference on New Approaches and Concepts in Microbial Biotechnology at Maharani’s Science College for Women, Bengaluru, during Sept.,29 - 30, 2015.
- xviii.** Participated in a three day Workshop on “Molecular Modeling Computer-Aided Drug Discovery” at Avinashilingam Institute for Home Science and Higher Education, Coimbatore, during March, 2 - 4, 2015.
- xix.** Participated and presented a poster entitled ***Clitoria ternatea* Extract – A Potential Source of Antimicrobials** in 4<sup>th</sup> Annual Conference of Indian Academy of Biomedical Sciences (IABS-2015) & International Conference on Recent Advances in Research and Treatment of Human Diseases at CSIR-Indian Institute of Chemical Technology, Hyderabad, during Jan., 9 - 11, 2015.
- xx.** Participated in a one day UGC Sponsored Workshop on “Quality Education for all” at Avinashilingam University, Coimbatore, on Nov. 17, 2014.

- xxi. Participated in a One Day Students Symposium on “Cutting Edges in Biotechnology” at Avinashilingam University, Coimbatore on Feb., 26, 2014.
- xxii. Participated and presented a poster entitled **Evaluation of Antimicrobial Activity of Essential Oil from seeds of *Pimpinella anisum* and its Potential as a Drug** in the National Conference on Current Trends in Advanced Biomedical Technology (CTAB-2013) organized by Nehru Arts and Science College, on 09.10.2013.

#### **Awards / Achievements / Recognitions (2013-2018)**

- i. **Won second prize for the paper entitled** “An Evaluation of Anti inflammatory properties of green synthesized Silver and Gold Nanobioconjugates from *Clitoria ternatea* Leaves” National Seminar on “National Therapeutics” organized by Kongunadu Arts and Science College, Coimbatore under DBT-STAR College Scheme on 20.09.2016
- ii. **Won second prize for the paper entitled** “A Study on the Therapeutic Potential of Silver and Gold Nanobioconjugates from *Clitoria ternatea* Leaves” in TEQIP II Sponsored National Conference on “Innovation and Future Directions in Pharmaceutical Products and Process Development (P3D 2016)” organized by Anna University-BIT Campus, Tiruchirappalli during 09.09.2016-10.09.2016
- iii. **100% Result Producer Award** (Nehru Arts and Science College, during 2009-2015).
- iv. **Best Production Unit Coordinator Award- 2014** (Nehru Arts and Science College).
- v. **Outstanding Contribution as a Member of IQAC in NAAC Reaccreditation** during 2013-2014 (Nehru Arts and Science College).

#### **Invited Talks (2013-2018)**

Participated and delivered a Motivational Talk in Bharat Nirman Public Information Campaign Organized by Ministry of Information & Broadcasting, Govt. of India, Karaikal, on 02.09.2013.

#### **Additional Responsibilities (2013-2018)**

- i. Served as a member of BoS, UG Biotechnology, Bharathiar University (2017-2019).
- ii. Served as a member of NAAC Steering Committee in Nehru Arts and Science College (2009 & 2014).
- iii. Served as a member of College Internal Quality Assurance Cell (2008-2015).