

Dr. S. DEBORAH CURRICULUM VITAE

Dr. S. Deborah M.Sc., M.Phil., PGDBI., Ph.D
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EDUCATIONAL PROFILE

Doctor of Philosophy in Biotechnology (PhD) – COMMENDED – (2015-2020)
National College (Autonomous) – Bharathidasan University, Tiruchirappalli – 620 024, TN.

Master of Philosophy in Biotechnology (M.Phil) - 91% - (2012-2013)
Jamal Mohamed College (Autonomous) – Bharathidasan University, Tiruchirappalli – 620 024, TN

Master of Science in Biotechnology (M.Sc) - 82% - (2008-2010)
Kurinji College of Arts and Science- affiliated to *Bharathidasan University, Tiruchirappalli – 620 024, TN.*

Bachelor of Science in Biotechnology (B.Sc) – 77% (2005-2008)
Kurinji College of Arts and Science- affiliated to *Bharathidasan University, Tiruchirappalli – 620 024, TN.*

PG Diploma in Bioinformatics (PGDBI) – 80% - (2012-2013)
Jamal Mohamed College (Autonomous) – Bharathidasan University, Tiruchirappalli – 620 024, TN

PROFESSIONAL EXPERIENCE

- ❖ Worked as Project Assistant Level III “Characterization of bioactive and biochemical Constituents in some wild edible fruits of Eastern Ghats, Tamil Nadu” **National College, Trichy.** DST-SERB F. No. SB/YS/LS-364/2013, INDIA. From Dec. 2014 to Dec. 2017, Completed.
- ❖ Working as an Assistant professor in the **Department of Biotechnology, Jamal Mohamed College, Tiruchirappalli** from February, 2021 to till date.

AWARDS/ SCHOLARSHIP

- Win prizes in various competitions such sport, song, cultural event.
- Win prizes for academic event

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- Got awards for Palakalai Kalaighnan Virudhu by Jeyam Samuga Inaivor.

RESEARCH JOURNALS PUBLISHED

1. **Deborah**, S., Anand, S. P., and Velmurugan, G. (2017). Evaluation of *In vitro* anticancer activity of *Tarenna asiatica* (L.) fruits ethanolic extract against human breast cancer. *International Journal of Herbal Medicine*. 5(5): 110-113.
2. SP Anand, **S Deborah** and G Velmurugan. (2017). Antimicrobial activity, nutritional profile and phytochemical screening of wild edible fruit of *Catunaregam spinosa* (Thunb.) Tirveng. *The Pharma Innovation Journal*; 6(10): 106-109
3. S. P. Anand and **S. Deborah** (2017). Preliminary phytochemical screening of wild edible fruits from Boda and Kolli hills. *Journal of Medicinal Herbs and Ethnomedicine*. 2017, 3: 8-12.
4. **Deborah**, S., and Anand, S. P. (2017). *In vitro* Antibacterial activity of *Phoenix loureiroi* KUNTH against selected Gram negative and Gram positive pathogenic bacteria. *International Journal of Scientific & Engineering Research*. 8(7), 1412-1421.
5. **S. Deborah** and S. P. Anand (2018). Quantitative phytochemical analysis on fruit extracts of *Phoenix Loureiroi* Kunth- An Important Medicinal Plant. *International Journal of Phytopharmacy Research*, 9 (1), 1-4
6. Anand, S. P., **Deborah**, **S.** and Velmurugan, G. (2017). Quantitative phytochemical analysis of some edible fruits from Boda and Kolli hills. *Journal of Pharmacognosy and Phytochemistry*, 6(5), 2002-2005.
7. S. P. Anand and **S. Deborah** (2016). Nutritional analysis of wild edible fruits from Boda and Kolli hills, Tamil Nadu. *International Journal of Nutrition and Agriculture Research*, 3 (2): 85-92.
8. S. P. Anand and **S. Deborah** (2016). Enumeration of wild edible fruits from Boda Hills and Kolli Hills. *International Journal of Applied Biology and Pharmaceutical Technology*. 7(2): 96 - 102.
9. **S. Deborah** and J. Sebastian Raj "Bioremediation of heavy metals from distilleries effluent using microbes". *Journal of Applied and Advanced Research* 2016, 1(2): 23-28.
10. SP Anand, **S Deborah** and G Velmurugan (2018) "Evaluation of antioxidant

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activity of some wild edible fruits collected from Boda and Kolli hills". The Journal of Phytopharmacology; 7(2): 127-133

PROJECT WORK PROFILE

- ❖ **M.Sc project Title:** "Determine the binding capability of the rat glandular protein using 2-naphthol as a fluorescent probe".
 - ♣ Guide 1: Dr. Archunan., Animal Biotechnology Department, Bharathidasan University, Trichy.
- ❖ **M.Phil project Title:** "Biodegradation of Distilleries Effluent by using Microbes and Plants".
 - ♣ Guide 2: Dr. J. Sebastian Raj., Department of Biotechnology, Jamal Mohamed College, Trichy.
- ❖ **Ph.D project Title :** Phytochemical and Phytopharmacological studies on *Phoenix loureiroi* Kunth - An important wild edible fruit'
 - ♣ Guide 3: Dr. S.P. Anand., Department of Botany, National College, Trichy.

SEMINAR AND CONFERENCE

- 📌 Participated in Zoology Alumni Seminar on "Current Status of Zoological Studies" held at National College, Trichy.
- 📌 Participated in state level seminar on "Plant Biotechnology" conducted by the Department of Botany and Microbiology at A.V.V.M Sri Pushpam college, Poondi
- 📌 Participated in National Seminar on "Recent Advances in Biotechnology" organized by Bishop Heber College, Trichy.
- 📌 Participated in one day seminar on "Recent trends in zoology" held at National College, Trichy.
- 📌 Participated in "Two days hands on training in HPLC" at periyar technology business incubator.
- 📌 Participated in "regional workshop on HISTOCHEMISTRY" in St. Joseph College, Trichy.

PAPER PRESENTATION

- ◆ Presented a research paper in the National Symposium on "New Dimensions iBiotechnology" organized by J.J. College of Arts & Science, Pudukkottai.
- ◆ Presented a research paper in "biology association" organized by Sourashtra college, Madurai.

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TRAINING PROGRAMMES

- ✿ Participated in “Two days hands on training in HPLC” at Periyar technology business incubator.

RESEARCH INTEREST

- ◆ Molecular Biology, Pharmacology, Microbiology, Environmental studies and Immunology.

PERSONAL SKILL

- ✿ Adaptability- capable of adapting to new environment and grasp work quickly. Effective communication skills.
- ✿ Capable of working under pressure. Good interactive skills.
- ✿ Strive to deliver performance.
- ✿ Eager appetite for additional information and knowledge

PERSONAL DATA

- ◆ Date of birth : 10/08/1987
- ◆ Nationality : Indian
- ◆ Marital status : Married
- ◆ Gender : Female
- ◆ Religion : Christian
- ◆ Language known : English & Tamil (writing reading & speaking)

COMPUTER PROFICIENCY

- ❖ Package : MS-Office (Word, Excel & power point)
- ❖ Operating Systems : Windows 2000/XP & VISTA

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