

STAFF PROFILE - Dr. G. ABI BEAULAH

1. Name : Dr. G. Abi Beulah
2. Designation : Assistant Professor and Head
3. Qualification : M.Sc., M.Phil., SET., PhD.,
4. Mobile number : 9842679231
: 9843307612
5. E-mail id : abibeaulah@gmail.com
: abibeaulah@auxiliumcollege.edu.in
6. Teaching Experience : 21 years as on June 2023
7. Area of specialization : Phytochemistry
: Diabetes Mellitus
: Molecular Biology
8. Positions Held in Auxilium :
 - Staff secretary (2006-2009)
 - Staff loan account- Coordinator (2006-2008)
 - IQAC member (2007- 2017)
 - ASQC Co-ordinator (2007-2014)
 - Auxilium Research cell Member (2011- 2015)
 - Dean of Sciences (2004-2013)
 - Head of the Department (2005 - till date)
 - College council member (2004 - till date)
 - Examination Committee Member (2007- till date)
 - Board of Studies Chairperson (2007 -till date)
 - IQAC member (2020 - till date)
 - Research cell member (2021 – till date)
 - International ECO club, Auxilium Student Chapter Co-ordinator (2022 – till date)
9. Research Experience and Guidance : 2 years M.Sc Projects
10. Projects Completed / Ongoing : **Completed**
: SEED MONEY-Auxilium College
(Autonomous), Vellore – Rs. 1,00,000/-
11. No. of Papers Published : 11
12. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences : 10

13.	No. of Seminars/ Workshops/ Conferences organized	: 30
14.	No. of Books Published/Edited/Co-edited	2 books with ISBN : 10 books for Internal circulation
15.	Membership in professional bodies	<ul style="list-style-type: none"> • Member of Board of Studies in Thiruvalluvar University, Vellore • University Nominee in Board of Studies of Isalamiah College (Mens), Vaniyambadi. • University Nominee in Board of Studies of D.K.M. College, Vellore. : <ul style="list-style-type: none"> • Member in Board of Studies of C.Abdul Hakeem College, Melvisharam • University Nominee in Board of Studies of Adhiparasakthi college, Kalavai. • Member in Board of Studies of Sacred Arts College, Tirupattur
16.	Other bodies (Descriptive)	<ul style="list-style-type: none"> • Life time Membership in International Eco club Student & Staff Chapter, National Science foundation (NSF), Coimbatore, Tamil Nadu • Life time Membership in Academic and Research Conclave Academic and Research Conclave, MSME Registration, Coimbatore, Tamil Nadu • Membership in Society of Chemical and Synthetic biology, Vellore : <ul style="list-style-type: none"> • <i>Outstanding Performance Award 2005</i> from Rotary Club of Vellore East, in recognition of the meritorious service in the Dept. of Biochemistry, Auxilium College, Vellore. • <i>Fellow of Nature Science Foundation</i> for the extraordinary contribution in all the activities of NSF, Coimbatore.
17.	Honors & awards received (Descriptive)	
18.	No. of Online Courses completed (Minimum of 4 Weeks)	: 9

PUBLICATIONS

Publications in Journals

- ◆ **Abi Beulah G**, Mohamed Sadiq A and Jaya Santhi R. 'Antioxidant and antibacterial activity of *Achyranthes aspera*: An *in vitro* study', Scholars Research Library, Annals of Biological Research, ISSN 0976-1233, 2011, 2 (5), 662-667.
- ◆ **Abi Beulah G**, Mohamed Sadiq A and Jaya Santhi R, '*In-vitro* antifungal activities of the *Croton sparsiflorus*', Journal of Chemical and Pharmaceutical Research, ISSN: 0975-7384, 2013, 5(8), 136-141.
- ◆ **Abi Beulah G**, Mohamed Sadiq A and Jaya Santhi R, 'Antioxidant and antibacterial activity of *Achyranthes aspera*: An *in-vitro* study', Der Pharma Chemica, 2011, 3 (5), 255-262.
- ◆ JayaKumar D, **Abi Beulah G**, Vetriselvi V, Thenmozhi G and Jaya Santhi R, 'Comparison of antioxidant and antimicrobial activities of selected Indian medicinal plants with the poly ortho aminophenol and its nanocompounds', International journal of Environment and earth science, 2011, 1:2, 50.
- ◆ **Abi Beulah G**, Mohamed Sadiq A, Sivakumar V and Jaya Santhi R, 'Cardioprotective activity of methanolic extract of *Croton sparsiflorus* on Isoproterenol induced myocardial infarcted wistar albino rats', Journal of Medicinal Plants Studies, ISSN:2320-3862, JMPS, 2014, 2(6), 01-08.
- ◆ **Abi Beulah G**, Mohamed Sadiq A, Madhan Chakkaravarthy V and Jaya Santhi R, 'Hepatoprotective activity of methanolic extract of *Croton sparsiflorus* on DEN induced Hepatotoxicity in wistar albino rats', International Journal of Pharmaceutical, Chemical and Biological sciences, ISSN: 2249-9504, IJPCBS, 2014, 4(4), 1002-1011. Impact Factor: 0.478.
- ◆ Lavanya K, **Abi Beulah G** and Vani G, '*Musa paradisiaca* – A review on phytochemistry and pharmacology', World Journal of Pharmaceutical and Medical Research, WJPMR, 2016, 2(6), 163-173. Impact Factor: 3.535.
- ◆ **Abi Beulah G**, 'Uterine Fibroids', Bonfring International Journal of Industrial Engineering and Management Science, March 2017, 7, 1-3. Impact Factor: 0.541.
- ◆ **Abi Beulah G**, 'HPTLC fingerprint profile of *Croton sparsiflorus*', International journal of universal pharmacy and bio sciences, March-April 2019, 8(2). Impact Factor: 4.018.
- ◆ **Abi Beulah G**, 'Histochemical localization of lignin and tannin', Phytospectrum, 3 (2), 2019.

- ◆ Indumathi P and **Abi Beaulah G**, ‘Antifungal and cytotoxic activities of *Hibiscus rosa-sinensis* flower extract: A pharmacological study’, International Journal of Zoological Investigation, Sep-2023, 9(2), 670-684. (Web of Science & Scopus indexed), Impact factor-0.9.

Paper Presentation in Conferences & Proceedings

- ◆ *Antioxidant Activities of different parts of Achyranthes aspera in different organic solvents*, Seminar on Role of Antioxidants in treatment of Diseases, VENI VIDI VICI '11, Department of Biochemistry, Justice Basheer Ahmed Sayeed College for women, Chennai, 10.02.2011.
- ◆ *Antioxidant and antimicrobial activities of different parts of Croton sparciflorus in hexane and chloroform extract*, Conference on Molecular Spectroscopy and Advanced Materials and Biomolecules Department of Physics, Bishop Moore College, Mavelikara, Kerala, 07.08.2012 to 09.08.2012.
- ◆ Antibacterial activities of different parts of *Achyranthes aspera* in different organic solvents, Seminar on Recent trends in Micro biology EUPRO'11, Department of Microbiology, Auxilium College, Vellore, 12.10.2011.
- ◆ Determination of antioxidant Activities of *Achyranthes aspera* -An invitro study, Seminar CURIE'11, Auxilium Research cell and Department of Chemistry, Auxilium College, Vellore, 15.12.201 and 16.12.2011.
- ◆ A statistical study on infant feeding practices and HIV transmission (Co-author), 8th International Conference on HIV Treatment and Prevention Adherence, Miami, 02.06.2013 to 04.06.2013.
- ◆ Study on the antioxidant activities of different parts of *Achyranthes aspera* in different organic solvents, Biosciences for 21st Century (NCBSC), PG & Research Department of Zoology, Auxilium College, Vellore, 05.02.2015 & 06.02.2015.
- ◆ Antibacterial activities of different parts of *Croton sparciflorus* in different organic solvents, Conservation of Aquatic and Terrestrial Biodiversity (ISCATBIO 2016), Department of zoology, Thiruvalluvar University, Vellore, 28.09.2016 to 30.09.2016.
- ◆ *Antifungal activities of different parts of Croton sparciflorus in different organic solvents*, Emerging Paradigm in cancer therapy, Department of Biochemistry, Indo-American College, Cheyyar, 17.08.2016.

- ◆ Uterine Fibroids, International Conference on Lifting up next generation women to meet cross cultural changes, Department of Business Administration, Auxilium College, Vellore, 08.03.2017.
- ◆ *In-vitro Antioxidant activity, Total phenolic, Flavonoid and Anthrocyanin content of the methanolic extract of the plant Croton sparsiflorus*, International Conference On Recent Advances In Biomedical Technology (Rabt-2018), Thiruvalluvar University, Vellore, 29.08.2018 to 31.08.2018.

PARTICIPATION in FDP's/ Seminars/ Workshops/Webinars

- ◆ FDP on Evolving Best Teaching and Learning Practices in the Pandemic Era 2020 – organized by The Board of Management Auxilium College (Autonomous) Vellore, International on 15.06.2020 to 21.06.2021.
- ◆ FDP on Application of tools and techniques in research methodology and accelerate to publish article in Scopus and Web of science organized by Department of B.com Professional Accounting and Accounting & Finance, Hindusthan College of Arts & Science, Coimbatore – National on 17.12.2020 to 24.12.2020.
- ◆ FDP on Recent Advancement in Biotechnological Research organized by Department of Biotechnology, Karpaga Vinayaga College of Engineering and Technology, Chengalpattu – National on 28.12.2020 to 03.01.2021
- ◆ FDP on Emotional Intelligence organized by ICT Academy – National on 23.02.2021 to 27.02.2021.
- ◆ FDP on NAAC New Guidelines And Importance Of IQAC In Post Covid Time For Affiliated Colleges organized by Internal Quality Assurance Cell [IQAC], K.M.G. College of Arts & Science, Gudiyattam, Vellore – National on 29.07.2021 to 31.07.2021.
- ◆ FDP on Effective teaching of STEM Courses online organized by Department of Microbiology, Biochemistry and biotechnology, St Francis College for Women in collaboration with the American corner, Hyderabad – International on 27.10.2021 to 30.10.2021.
- ◆ FDP on Outcome Based Education organized by Internal Quality Assurance Cell of Auxilium College (Autonomous), Vellore in association with IPSR solutions limited – National on 22.11.2021 to 27.11.2021.

- ◆ FDP on Advancements in Biochemistry and Allied sciences organized by Department of Biochemistry, Bhavans Vivekananda College of science, Humanities and Commerce, Sainikpuri, Secunderabad.- National on 23.11.2021 to 27.11.2021.
- ◆ FDP on Patents and Innovative teaching and Research Methodology organized by PG Department of Computer science, Bishop Heber College (Autonomous), Trichy – National on 02.03.2022 to 06.03.2022.
- ◆ FDP on Libre Office Suite Writer, Calc and Impress organized by The Board of Management, Auxilium College (Autonomous), Vellore In association with Spoken Tutorial, IIT Bombay (funded by the NMEICT, MoE, Govt. of India) – National on 26.05.2022 to 10.06.2022.
- ◆ FDP on Research tools and Methodologies, Department of Computer science and R & D Cell, Shri Krishna Adithya College of Arts and science, Coimbatore – International on 07.06.2023 to 13.06.2023.
- ◆ FDP on Research Based Teaching-Learning, New Education Policy, Research- ethics and Patents in Academics, School of Allied Health Science, Reva University, Bengaluru, India – 19.09.2023 to 23.09.2023.

BOOKS PUBLISHED

- Nutrition Education, ISBN: 978-81-944366-7-6, 2020, AIB Saliha Publications, Tamil Nadu, India.
- Text book of Physiology (Chapter 5), ISBN: 978-81-948129-3-7, 2020, AIB Saliha Publications, Tamil Nadu, India.
- Nutrition Education (Skill Based Elective) - 2013, 2016, 2019, 2021 (Internal Circulation)
- Practical Manual for III year B.Sc Students - 2009, 2013, 2016, 2019 (Internal Circulation)
- Practical Manual for I and II M.Sc students – 2020 (Internal Circulation)
- Practical Viva Manual for I, II and III year B.Sc Students – 2016 (Internal Circulation)
- Environmental Studies (Chapter III) (Internal Circulation)

ONLINE CERTIFICATE COURSE COMPLETED:

- ◆ Medical Bacteriology - Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur, Tamil Nadu, India in association with Microbiologists Society, India and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University (UEZO), Rio de Janeiro, Brazil – International - 4 Weeks - 01.06.2020 to 30.06.2020.
- ◆ Basic Techniques In Microbiology - Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur, Tamil Nadu, India in association with Microbiologists Society, India and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University (UEZO), Rio de Janeiro, Brazil - International - 4 Weeks - 31.08.2020 to 30.09.2020.
- ◆ Empowering Teachers for Developing Culturally Responsive Classroom - UNESCO International on-line Mentoring Programme Open Education for a Better World (OE4BW) – National - 4 Weeks - 25.05.2021 to 21.06.2021.
- ◆ Techno pedagogical skills for Sustainable Development - UNESCO International Online Mentoring Program, UNESCO Chair - International - 4 Weeks - 18.08.2021 to 25.09.2021.
- ◆ Women Education as a pathway to Gender Equality - UNESCO International Online Mentoring programme (OE4BW) - International - 4 Weeks - 13.06.2022 to 10.07.2022.
- ◆ Technology driven Approaches in the Development of Collaborative Learning - MOOC Course -UNESCO International Online Mentoring programme, Open Education for a Better World (OE4BW) - International - 4 Weeks - 29.07.2022 to 10.09.2022.
- ◆ Introduction to LMS & E- Content Creation - MOOC Course -Gautam Buddha University - National - 4 Weeks - 15.11.2022 to 15.12.2022.
- ◆ Digital Pedagogy integrating feedback based on E-Assessment - MOOC Course - UNESCO International Online Mentoring programme, Open Education for a Better World (OE4BW) - 20.04.2023 to 15.06.2023.
- ◆ Microbiology Laboratory Techniques - Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur, In-collaboration with Rio-de-Janeiro-State University (UERJ), Rio-de-Janeiro, Brazil and Biotechnology Society of Nepal. International - 4 Weeks - 04.09.2023 to 03.10.2023.