

## RESUME

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**ILAH SHAIK**

**FACULTY OF BIOCHEMISTRY,**

**GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND P.G.COURSES (A)**

**VISAKHAPATNAM**

**ANDHRAPRADESH.**

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**MAIL ID: ilahi.mohammad@gmail.com**

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### **EDUCATIONAL QUALIFICATIONS:**

**Ph.D.: 2019, Andhra University, Visakhapatnam.**

Thesis: "isolation, identification of indole acetic acid producing endosymbiotic bacteria from *Gracillaria corticata* (J.Agardh) of Visakhapatnam coast".

**MSc: 2001, Andhra University, Visakhapatnam.**

Specialization: Biochemistry.

Percentage: 69%

**B.Ed.: 1999, Maharajah college of Education, Vizianagaram.**

Specialization: Biological sciences.

Percentage: 78%

**BSc: 1998, Maharajah college for women, Vizianagaram.**

Specialization: Botany, zoology and Chemistry.

Percentage: 84%

**Intermediate: 1995, Government junior college, Salur.**

Specialization: Bi.PC

Percentage: 75%

**SSC: 1993, Government Girls High school, Salur.**

Percentage: 80%

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**WORK EXPERIENCE:**

Working as a faculty of biochemistry in the Department of Biochemistry, since 2005 in GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND P.G.COURSES (A), VISAKHAPATNAM.

Worked as a faculty of biochemistry in the Department of Biochemistry, RAJAH RSRK RANGARAO COLLEGE, Bobbili. From 2002-2004.

**TECHNICAL SKILLS:**

Hands on experience:

1. Phytochemical screening.
2. Separation of bioactive compounds by chromatography and electrophoresis techniques.
3. Qualitative and quantitative assay of biomolecules.
4. Enzyme assays.
5. Diagnostic techniques.
6. Biochemical characterization of bacteria.
7. Bioinformatics.
8. Computer Skills: MS.office

**RESEARCH EXPERIENCE:**

- Received grant of Rupees of 12 Lakhs – marine macro algae- A liquid agro biofertilizer plant for commercialization from MSME idea hackathon 2022 .
- Completed UGC sponsored minor research project (2009-2010).

Title: "Evaluation of bioactive compounds from seaweeds of Visakhapatnam coast".

**Academic achievements:**

- Member Board of Studies in Biochemistry(UG) for a period of 3 years from 09-04-2021 to 08-04-2024.
- Acted as BOS Member St.Joseph College for Women, X and DR.V.S.Krishna Govt. Degree College,Visakhapatnam.
- Qualified in AP SET -2013

#### **NPTEL ONLINE FDP COURSES:**

- **Awarded Elite NPTEL Online Certificate in Structural Biology- April-2024.**
- **Awarded Elite NPTEL Online Certificates in Introduction to Proteomics” Dec 2020.**
- **Awarded Elite NPTEL Online Certificates “Diary and dairy products technology “December 2019**
- **Received Elite certificate in Medicinal Chemistry (Jan-Apr 2019) NPTEL-12 weeks FDP Course.**

#### **PUBLICATIONS:**

1. **Optimization of Indole Acetic Acid Production by *Bacillus lichiniformis* ISM1193 Endosymbiotic Bacteria Isolated from *Gracilaria Corticata* (J. Agardh) Advances in Bioresarch Adv. Biores., Vol 15 (1) January 2024: 26-32.**
2. **Molecular Characterization of Indole Acetic Acid Producing Endosymbiotic Bacteria Isolated from *Gracillaria corticata* (J. Agardh) of Visakhapatnam Coast Bulletin of Environment, Pharmacology and Life Sciences Bull. Env. Pharmacol. Life Sci., Vol 11 [11] October 2022: 182-189**
3. **“Isolation and identification of IAA-producing bacteria from *Gracillaria corticata*”, *International Journal of Bioassay* 5.12. ISSN 2278-778X, (2016): 5179-5184.**
4. **“Anticancer activity of selected seaweeds against HELA, K-562, and MDA-MB cell lines” *Springer Briefs in Applied Sciences and Technology*, (2015).**

#### **PAPERS PRESENTED:**

1. **Presented a paper entitled “Effect of *Ulva lactuca* seaweed extract on tomato seed germination and growth” National Conference on “Hill and Tribal Agriculture” from 29 to 31st January 2024 at RARS, Chinthapalle.**
2. **ICEABS-2022(3<sup>rd</sup> International conference on environment, agriculture, chemical, and biological sciences Presented a paper on Molecular characterization of IAA-producing bacteria from *Gracillaria*. Jan 23 to 26<sup>th</sup> 2022-3 days.**
3. **Online international conference Organized by ICEABS and United nations of sustainable development.**
4. **International virtual conference on the Impact of chemical disaster on biota Presented paper-lipids and lipoprotein changes in diabetic patients 24 th to 26 th Jul,202 Andhra university .viskhapatnam.**
5. **National conference on “New Horizons of nutrition,Health and Environment 2020” Presented paper-Enumerating leadstress on C3 and C4plant growth and metabolicparameters. 9 th -10 th January, university ,Visakhapatnam.**

6. International conference on recent advances in chemical, pharmaceutical and life process, Presented paper "Evaluation of bioactive potentials of *Gracillaria corticata*" 13th -15th July 2019, Andhra University, Visakhapatnam
7. Presented a paper "*Isolation of Plant growth promoting bacteria from seaweed Gracillaria corticata*" in Indian science congress, Tirupathi chapter (2018), Visakhapatnam.
8. Presented a paper "Aquatic animal health and biodiversity" (2015), Andhra University, Visakhapatnam.
9. Presented a paper "Anticancer activity of selected seaweeds against HELA, K-562 and MDA-MB cell lines of Visakhapatnam coast" 5<sup>th</sup> International conference Emerging Trends in Applied Biology, Biomedicine and Bioinformatics (2015), Hyderabad Central University, Hyderabad.
10. Presented a paper "Impact of climate change in Health and Diseases" (2011). Gayatri Vidya parishad College for Degree and P.G. Courses.
11. Presented a paper "Antimicrobial activity of brown seaweeds against skin disease causing bacteria", in international conference of aquatic microbiology" (2010) CASMB, Paringipatti, Tamilnadu.
12. Presented a paper "Changing Horizons of Applied Biology" (2010). MRPG Centre, Vizianagaram.

#### Seminars organized

1. Organized a two day seminar on "Recent Advances in Marine Environment -2012", (Sponsored by Ministry of Earth Sciences), Gayatri Vidya parishad College for Degree and P.G. Courses.
2. Organized a two day seminar on "Climate Change – impact on Human health and Environment -2011," Sponsored by Ministry of Earth Sciences), Gayatri Vidya parishad College for Degree and P.G. Courses.
3. Organized a two day work shop "Biotechnology beacon for the future- 2008" Gayatri Vidyaparishad College for Degree and P.G. Courses.

#### WORKSHOPS ATTENDED:

1. Attended a two day workshop "Techniques in Health, Disease and Environmental Monitoring" 2015. Organized by School of Life sciences, Gitam University, Visakhapatnam.
2. Attended a two day workshop "Techniques in Health, Disease and Environmental monitoring" 2015. Organized by School of Life sciences, Gitam University, Visakhapatnam.

3. Attended a two day workshop "Preparation of Self Learning Material" 2009. Organized by Gitam University, Visakhapatnam.

**TRAINING PROGRAMS ATTENDED:**

1. MSME internship in Research training MSME internship in Research training Online one month internship training programme from 17.01.2022 to 17.02.2022 MSME, Government of INDIA
2. Women entrepreneurship development program- April 30<sup>th</sup> to May 7<sup>th</sup> 2021-organized by Indian institute of Ilifesceinces,DBT.
3. Attended two days training programme,in department of Biotechnology "Human DNA Finger Printing by using Alu Method (Helini biomolecules, Chennai)-2009.Andhrauniversity, Visakhapatnam.
4. Attended 10 days training programme, In Department of Biotechnology (APSCHE, HYD) -2007, Andhra university, Visakhapatnam.

**PERSONAL PROFILE:**

**Name:** Ilahi Shaik

**Spouse Name:** MD. Rahamathulla

**Father Name:** SAK Jeelany

**Languages known:** Hindi, English and Telugu

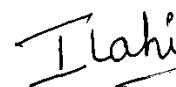
**Category:** BC-E (Indian Muslim)

**Address:** 50-75-25,

Ganesh nagar, seetham peta,

Visakhapatnam- 16.

**Signature**



**(ILAH SHAIK)**

