PAVITHRA PALANISAMY

BIOTECHNOLOGIST

Contacts

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https://github.com/pavithrapri/pavithrapri
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Area of Interest

Web development

Technical skills

- C Programming (Intermediate)
- C++Programming (Basic)
- HTML,CSS (basics)

Hard skills

- Chromatography (Intermediate)
- Gel electrophoresis (Basic)
- PCR(Intermediate)

Personal skills

- Problem Solving
- Flexibility
- Teamwork
- Creativity.

Career Objective

To work in a pragmatic way in an organization where I can exhibit my talent and enhance my skills to meet objectives of the company with full integrity. Always ready to help others and use abilities to support team goals. Quick learner with academic abilities and technical knowledge to succeed in different roles. Ready to expand horizons with additional knowledge and abilities gained from training and experience.

Educational Qualification

- **Bannari Amman Institute Of Technology**
  B.Tech/Biotechnology
  2020-2024 — **CGPA-8.10**(up-to 5th semester)
- **Adharsh Vidhyalaya Higher Secondary School**
  HSC 2019 - 2020 — **76.5%**
- **Adharsh Vidhyalaya Higher Secondary School**
  SSLC 2017 - 2018 — **87.4%**

Projects

Name: PREDICTION OF GENETIC DISORDERS BY USING MACHINE LEARNING
Duration : 3 month
Team Size: 3 members
Role: Team Leader
The prediction of genetic disorders using machine learning techniques has the potential to revolutionize healthcare by enabling early detection and personalized treatment of genetic diseases.

Name: AGAR PET BOTTLES
Duration : 3 month
Team Size: 3 members
Role: Team Leader
Our idea involved the use of marine resources sea weeds which constitute phytoplankton of the marine ecosystems. Agar is extracted from the sea weed, from which the biopolymer alternative to plastics are made which are biodegradable and with good strength and shelf life.it is also alternative source for packaging material

Internships

Company Name: Farmer's Biofertilizers and Organics
Duration:15 days[May 2022],Coimbatore.
Responsibility: Biofertilizers Production and Quality Assesment
Learnt about the company's unique products (combination of bio-fertilizers and bio-control agents) to overcome expensive protocol as well as laborious tasks in agriculture.

Languages known

- **Tamil -** (R,W,S)
- **English -** (R,W,S)

Tools

- VS Studio
- Platforms: Canva, MS word
- Jupyter Notebook,Google colab

Hobbies

- Travel.
- Drawing.
- poster making

Personal Informations

Name: Pavithra P
DOB: 28.11.2003
Fathers Name: Palanisamy S
Mothers Name: Thangamani P
Nationality: Indian

Name: TEXTILE DYE DEGRADATION BY USING FUNGI
Duration: 2 months
Team Size: 3 members
Role: Team Leader
All of us know river was polluted many things . The major think is textile factory and other factory wastes mixing the river .it is very harmful for our society. So we are planed to degrade the dyes by using microbes.

Achievements and Awards

I have scored **100% in NPTEL** Examination in the course entitled "Wildlife Ecology" on October 2022

Co-Curricular Activities

- I**nternational Conference**
  Participated in the **"Recent Trends In Science And Technologies**"

- **National Conference**
  Participated In The " **Innovation Science And Technologies"**
  Organized by Sri Venkateshwara College Of Engineering Technology on July 9,2021

- **International Workshop**
  Participated In The "International Workshop On Data science Applications Using ML&DL Techniques" On 19-7-2021

- **"Smart Village Hackathon-2021"**
  participated "Smart Village Hackathon-2021" on 12th October 2021 . Organized by Institution's Innovation Council .

- **Paper presentation**
  presented a Paper entitled "Environmental Pollution" organized by SSN college of Engineering

- **Project Presentations**
  presented a project entitled "Environmental Pollution" organized by Karpagam Academy of Higher Education on March 3,2022

Declaration

I'm PAVITHRA P hereby declare that the above written particulars are true to the best of my knowledge.

DATE :16.03.2023
PLACE : Anthiyur

PAVITHRA P