

ARIVUSELVI D P

ceramist

PERSONAL DETAILS:

Mobile no : 7010404943

Mail address : arivuselvidp@gmail.com

Location : Chennai,Tamilnadu,India

EDUCATION

ANNA UNIVERSITY - (2021-Present)

B.Tech Ceramic Technology (CGPA:7.94)

VELANKANNI MATRICULATION

HIGHER SEC SCHOOL - (2019-2021)

- H.S.L.C Percentage:91.16%
- S.S.L.C Percentage:90%

AWARDS & CERTIFICATIONS

- NPTEL-Theory and practice of Non Destructive Testing
- Python
- MS office
- Hindi language course
- British language course

EXPERTISE

- MS office
- Python
- Ceramic materials and processes
- Problem-solving skills
- Quality control
- Computer-aided design

AREAS OF INTEREST

- Bio ceramics
- Refractories
- Glass
- Material selection
- Nano technology
- Advanced ceramics
- New product development
- Abrasive

LANGUGAES KNOWN

- English
- Tamil
- Hindi
- German

SOFT SKILLS

- Communication
- Problem solving
- Time management
- Creativity
- Leadership
- Analytical thinking

PROFILE

A Ceramic Technology student with hands-on experience and strong academic knowledge in materials science and ceramics processing, eager to contribute to research and development of new ceramic materials and manufacturing technologies.

INTERNSHIP

- **TOTALE GLOBAL PVT LTD-(30 DAYS)**
Analyzing the production and testing of unshaped Refractories
- **LIXIL INDIA SANITARYWARE PVT LTD-(30 DAYS)**
Internship training on testing and quality control in slip and glaze production
- **VIKRAM SARABHAI SPACE CENTRE (ISRO)-(90 DAYS)**
This project synthesize and optimizes C12A7 electride(C12A7:e-) using sol-gel processing, calcination, cation doping, temperature and reduction agents for enhanced conductivity

PROJECTS

- Synthesis & Characterization of C12A7 electride for electric propulsion thruster
- Rectifying the defects in thermal cycling equipment
- Replacement of sericite using ball clay in slip
- Study of tunnel kiln systems

PAPER PRESENTED

- Utilizing Neyveli Overburden Clay for Synthesizing sintered Mullite to Replace Andalusite.

EXPOSURE

- Conference attended based on **Challenges and Future Perspectives of Advanced Ceramics**
- Conference attended based on **Bioceramics**
- Conference attended in talk on **Advanced Ceramic for Sustainability**

ROLES

- Member of Indian ceramic socetty student chapter of tamilnadu
- Member of Youth red cross club
- Member of Fine arts club
- Member of Product development club

WORKSHOPS

- Attended a workshop on Fine arts
- Attended a workshop on computer-aided design.
- Attended a workshop on 3-D printing.

REFERENCE

DR.S.Manisha Vidyavathy

Professor and Head of the Department

Ceramic Technology,Anna university

manisha@annauniv.edu