MEENAKSHI

**Objective:**

My passion in teaching and an excellent academic track with good communication skills and proficiency in co-curricular activities which would help me to create a wonderful teaching environment for my students.

**Education Qualification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Educational Qualification** | **Name of the Board/ University** | **Percentage (%)** | **Year of Passing** |
| 01. | **B.Ed****(Biological Sciences)** | Apollo college of Education (Tamil Nadu Teachers Edu. Univ.) | 80( College Topper)Medal holder  | 2009-2010 |
| 02. | **M.Sc (Biotechnology)** | SRM Arts and Science College (University of Madras) | 74(College Topper)Univ Rank Holder: 22 | 2007-2009 |
| 03. | **B.Sc** **(Microbiology)** | SRM Arts and Science College (University of Madras) | 75(College Topper) | 2004-2007 |
| 04. | **XII** | Sir Siva Swami Kalalaya Hr.sec.school, Chennai | 80 | 2004 |
| 05. | **X** | Sir Siva Swami Kalalaya Sr. sec. school, Chennai | 76.4 | 2002 |

**Additional Qualifications:**

* Post Graduate Certificate in clinical research and clinical data management (University of Pune).
* Attained certificate from RELAY graduate school of education, USA for completing course on Teacher character and creating positive classrooms.
* Pursuing a course on- Handling children with learning and writing difficulty from University of London, UK.

**Work Experience:**

**Bala vidya mandir sr.sec.school (Jan 2013 - Present)**

* Handling biology for classes 6-12
* Handling practical sessions for classes 9-12
* Prepared curriculum development for practical sessions
* Preparing online report cards and documenting CCE for CBSE
* Expertise hands on experience on smart board lessons (educomp)
* Involved in preparing curriculum content for Einstein Tab Mate

**St.John's sr. Sec.school & junior college (June 2010 -Dec 2012)**

* Handled science for classes 3-8
* Was working as a Primary coordinator
* Was a part of textbook committee for primary classes

**Achievements:**

* Received the **letter of appreciation** from Honorable central minister of Human Resource and development **Smt.Smriti Zubrin Irani** for dedicated and impressive teaching.
* Received **‘The Most Promising Science Teacher'** in the city level **science youth congress** among 200 teacher participants held at St. Johns public school, Chennai(feb 1-2,2014).
* Secured **First Place** in **Round Table discussion** in the science congress.
* Received the **BEST TEACHER AWARD** from St.John's sr.sec.school, chennai (Aug 2011).
* Attended International level career development seminar in Biological Science at SRM University.
* Participated in International Workshop in Recent Advances of Bioengineering held in SRM University.
* Invitee- International Seminar on Biotechnology organized jointly by British Council ,UK.
* Held position as Joint editor of "Microcosm" in the department of Microbiology in SRM college of Arts and Science.
* Conducted a seminar/guest lecture on **"Biotechnology and its Processes, Applications"** in Sir Siva Swami Kalalaya Sr. Sec. School, Mylapore, Chennai.

**Laboratory experience and skills:**

**Biochemical Techniques:**

 Colorimetry , Spectrophotometry, Chromatography -Ion exchange, Gel filtration, Thin layer and affinity Chromatography, Poly acryl amide gel electrophoresis(SDS-PAGE),Enzyme immobilization, Extraction and Purification of Enzymes.

**Molecular Biology Techniques:**

 Isolation and purification of DNA (plant, bacterial & from human blood) and RNA, Plasmid DNA,PCR Amplification, Gel electrophoresis,RFLP, RAPD, Nucleic and protein blotting techniques, Restriction mapping, preparation of competent cells and screening of recombinants, cloning in plasmid/ phagemid vectors, Reporter gene assay, GFP cloning, isolation of polyA+ mRNA, Hybridization techniques, gel elution of insert DNA, Ligation, Quantification of DNA&RNA by UV SPEC., Gene specific PCR, Restriction digestion, Determination of melting temperature of DNA, Phage titration.

**Microbiological Techniques:**

Microscopy, bacterial cytology, cultivation of bacteria, fungi(SDA culture, slide culture techniques), Parasitological techniques, micrometry, lactophenol cotton blue preparation, germ tube technique, Antibiotic sensitivity testing(Kirby-Bauer method, disc/ring method),preservation techniques, isolation of pure cultures of all fastidious &non-fastidious organisms, hyalohyphomycosis, bacterial Transformation.

**Immuno Techniques:**

Radial Immuno diffusion(SINDLE RADIAL IMMUNO DIFFUSION), double Immuno diffusion(OUCHTERLONY DOUBLE DIFFUSION),Counter Current Immuno Electrophoresis, Rocket Immuno electrophoresis, Rapid plasma regain(RPR),Coomb's test(direct &indirect),WIDAL test, Amboceptor titration, Anti-Streptolysin O test, Tuberculin skin test, RBC, WBC count(differential count, using diluting fluid).ELISA, ELISPOT(DOT ELISA),Immuno blotting, Arthus reaction, latex agglutination, haemagglutination, Blood typing.

**Plant biotechnological techniques:**

Invitro germination, hydroponics, regenerated-plants, callus induction, biolistic transformation, southern hybridization, protoplast isolation and fusion, anther culture, Agrobacterium mediated gene transfer.

**PROJECT:**

**COPPER TOLERANCE AND ASSOCIATED METAL TOLERANCE IN SOME MARINE BACTERIA** (Centre for Advanced Studies in Botany, University of Madras, Guindy Campus)

UNDER GONE **TRAINING** IN **BIOZONE RESEARCH TECHNOLOGIES, CHENNAI in basic and advanced r DNA TECHNIQUES (Molecular biology)**

**Personal Details:**

 **DATE OF BIRTH : 05-07-1987**

 **NATIONALITY : INDIAN**

**Job Seeker First Name / CV No: 1717260**

[Click to send CV No & get contact details of candidate](http://www.gulfjobseeker.com/feedback/submit_fb_em.php)

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