

# HIBA M.A KADER

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Marital Status: Married

DOB: 25 Aug 1982

## Career Objective

Inspire science students to bring about a positive technological and humane change in the world

## Profile

- 4+ years of experience teaching science (Biology) as Senior Teacher to 11th and 12th students
- Qualified teacher (holder of B.Ed qualification in Science)
- UAE Educated under UK Curriculum (GCSE O Level, London University, UK)
- Fluent in communicating and teaching in English
- Experienced in teaching, counseling and motivating slow learners and underachievers
- Experienced in teaching highly intellectual and performing students
- Completed MSc Biotechnology (MG University, India) in June 2006, and holds bachelors (BSc) in Biotechnology from the University of Calicut, India
- Assisted Irinjalakuda municipality (India) in developing bio-pesticides (Bacillus Thuringiensis) to compact 'dengue fever

## Experience

*"For more than 4 years, I have been teaching as a Guest Teacher in Govt Schools. Being a Guest Teacher allowed me the freedom not to get transferred to schools and locations that were not suitable for me. As a Guest Teacher, I had the opportunity to work in several schools filling the gaps of Senior Teachers and Class Teachers. This experience helped shape my ability to handle and understand different types of students especially adolescents, schools and other teaching staff, enabling me to be a good team player and take on leadership roles when needed"*

- **Higher Secondary School Teacher (Senior) in Botany**
  - GHSS, Cheriyaundam, Malappuram (Dt), Kerala, India
  - June 2019 till Jan 2022
- **Higher Secondary School Teacher (Senior) in Botany**
  - GHSS, Chettiyankinar, Malappuram (Dt), Kerala, India
  - June 2018 till Feb 2019
- **Higher Secondary School Teacher (Senior) in Botany**
  - GBHSS, Tirur, Malappuram (Dt), Kerala, India
  - Nov 2015 till Feb 2016
- **Higher Secondary School Teacher (Senior) in Botany**
  - GHSS, Chettiyankinar, Malappuram (Dt), Kerala, India

- Sep 2015 till Nov 2015

### Education

#### **B.Ed (Science)**

2012- 2013

Moulana College for Teachers Education, University of Calicut, India

- 74.6%

#### **MSc Biotechnology**

2004-2006

Department of Biotechnology, Indira Gandhi Arts and Science College, MG University, India

- 74.4%

#### **BSc Biotechnology** 2001-2003

Department of Biotechnology , St Joseph's College, University of Calicut, India

- 77.5%

#### **Senior Higher Secondary(+2) Science Group** 1998-2000

CBSE Ansar English School, India

- 84.5%

#### **O Level GCSE exam** 1997-1998

London University, UK

- Grade A

### Teaching Base

- Professionally trained in perspectives on education, psychology of learner and learning, technology and informatics in education, pedagogic practices in science, education in socio-cultural context, educational management, professionalizing science education, curriculum and resources of science
- Experienced in handling slow learners and underachievers using stimuli through multiple resources like auditory and visual which helps in increasing attention span and improving learning. Handle several counseling and motivational sessions for adolescents and underachievers
- Experienced in handling highly intellectual and performing students

### Science Base

- In depth knowledge of the subject. Specialization in physiology, microbiology, biochemistry, bioprocess technology, environment technology, cytology, genetics, immunology, plant tissue culture, animal tissue culture, molecular biology and recombinant DNA technology, Enzymology during MSc and BSc biotechnology
- **Kinetic Parameters of Arginase Enzyme in the Liver of Pilocarpine Induced Epileptic**

**Mice:** The research work was for the partial fulfillment of masters degree. The research was on studying the changes in the kinetic parameters of arginase enzyme in the liver of epileptic mice. The study involved inducing seizures into mice by injecting pilocarpine together with atropine. Arginase assay was done using crude liver homogenate

- **Developing Bio-Pesticides to Compact Dengue Fever:** Special assignment from municipality of Irinjalakuda, India to develop biotoxin for control of mosquito larvae into commercially and economically viable product to control the spread of diseases like dengue fever in a underdeveloped region with financial constraints. The basic objective was to culture it in a easily available and cheap medium like starch water (rice water)

### Seminars & Workshops Attended

- Attended symposium on management of cancer, heart and neurodegenerative diseases, by Dubai Harvard Foundation, UAE and Harvard Medical School- Dubai Center
- Attended 1<sup>st</sup> pan Arab Human Genetics conference (5-6 April 2006) , organized by Center for Arab Genomics Studies, Human Genome Organization (HUGO) and Faculty of Medicine and Health Sciences, UAE University and granted 11.5 CME hours
- Attended first international workshop on the Fundamental Approaches in the Molecular Diagnosis of Hemoglobinopathies (4<sup>th</sup> April), organized by Dubai Department of Health and Medical Sciences
- Key coordinator of national workshop and seminar on animal tissue culture and egg inoculation techniques of virus cultivation. The workshop was organized by Department of Bioscience, Indira Gandhi College of Arts and Science, India
- Attended UGC sponsored National Seminar on Biotechnology and Allied Sciences organized by Post Graduate Department of Biotechnology, MES College, India
- Attended Eco-biotech Seminar organized by Department of Botany, Nirmala College, India. The seminar was on environmental biotechnology
- Attended BIOBOOM 2004 , state level seminar on biotech held at Al Azhar College of Arts and Science
- Attended Codons 2004, National level Seminar on Biosciences organized by Ad Vegas, Department of Bioscience, Indira Gandhi College of Arts and Science

### COMMUNICATION & PRESENTATION SKILLS

- Ability to communicate and present fluently in English

### REFERENCES

Mrs. Manju C.M  
Principal  
GHSS Pallimom (PO), Kollam  
Pin 691 576, Kerala, India

Mrs Shylaja  
Senior Teacher  
GHSS Cheriyaundam, Malappuram  
Pin 676106, Kerala, India

Mrs Shoba  
Senior Teacher  
GHSS Cheriyaundam, Malappuram  
Pin 676106, Kerala, India