

## Dr B.Mathialagan's Profile Yadava College , Madurai.

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|----------------|--|
| NAME           | B.MATHIALAGAN  |
| DATE OF BIRTH  | 30.04.1965   |
| AGE            | 57 YRS   |
| PLACE OF BIRTH | VIRUDHUNAGAR   |
| QUALIFICATION  | M.Sc.,M.Phil.,Ph.D.  |
| DESIGNATION    | CONTROLLER OF EXAMINIATIONS,<br>ASSOCIATE PROFESSOR & HEAD |
| DEPARTMENT     | P.G & RESEARCH DEPT.OF<br>ZOOLOGY                          |

### TEACHING EXPERIENCE:

|                 |   |
|-----------------|---|
| UNDER GRADUATE  | FROM 19 JUN 2000 TILL DATE -21<br>YEARS |
| POST GRADUATE   | FROM 19 JUN 2000 TILL DATE- 21<br>YEARS |
| RESEARCH DEGREE | FROM 19 JUN 2000 TILL DATE -21<br>YEARS |

### RESEARCH EXPERIENCE

|                       |   |
|-----------------------|---|
| GUIDED B.Sc STUDENTS  | 4 |
| GUIDED M.Sc STUDENTS  | 6 |
| GUIDED M.Phil SCHOLAR | 3 |
| GUIDED Ph.D SCHOLAR   | - |

### RESEARCH STUDENTS :

#### IN B.Sc

1. Urban Rain Water Harvesting - Mr Pitchai Murugan --2008-2009
2. Rural Rain Water Harvesting - Mr Muthukarthi -- 2008-2009
3. Rain water Harvesting in both Rural and Urban area -  
Mr Muthukrishnan -2008-09
4. Effect of Polythene on living organism - remedial action -  
All B.Sc students.

#### IN M.Sc

- 1.Study of Bioassay on *Bacillus thuringiensis var kurstaki* Z52 agaist chosen lepidopteran larva - Mr B.Ramanathan -2007-08.
- 2.Study of Bioassay on *Bacillus thuringiensis var kurstaki* agaist chosen lepidopteran larva -Ms Muthumari -2007-08
3. Enhancing effect of cotton milk on haemolymph proteins of Silk worm *Bombyx mori* L (Lepidoptera, Bombycidae)- Ms Sindhuja -2008-09

4. Enhancing effect of cotton milk on Fatbodies proteins of silk worm *Bombyx mori* L (Lepidoptera, Bombycidae)- Ms Josepin Elizabeth -2008-09
5. Efficacy of *Bacillus thuringiensis var tenebroidis* against Rhinoceros beetle , *Orectes rhinoceros* I,II,III instar larva - Ms Asthalakshmi -2009-10
6. Efficacy of *Bacillus thuringiensis var tenebroidis* against Rhinoceros beetle , *Orectes rhinoceros* I,II,III instar larva - Ms Sumathi -2009-10

#### **IN M.PHIL :**

1. Study of bioassay of *Bacillus thuringiensis var kurstaki* on chosen coleopteran pest - Ms Nathiya -2006-07
2. Study of soil microorganism degrading pesticides and oil from agricultural field - Mr Bharathi Nivas -2007-08
3. Efficacy of *Bacillus thuringiensis var tenebroidis* against chosen coleopteran insects - Ms Muthumari - 2008 - 09.

#### **RESEARCH PAPERS**

**Ph.D Thesis :** Efficacy of *Bacillus thuringiensis* against Lepidopteran Insects

**M.Phil Thesis :** Studies on effect of Temperatures on the haemolymph Protein profile of Silk worm, *Bombyx mori*.

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| GUIDED M.Phil SCHOLAR | 3 |
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| GUIDED Ph.D SCHOLAR | - |
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#### **MINOR RESEARCH PROJECT:**

A strain of *Bacillus thuringiensis var tenebroidis* with high potential activity on coconut rhinoceros beetle *Orectes rhinoceros* larvae(Linn) this project is completed - 2008 -2010 - No 2665/08 - Funded by UGC -Rs 40000/-

#### **AREA OF RESEARCH SPECILALIZATION:**

**Molecular Microbiology**

#### **RESEARCH PROGRAMMES PARTICIPATIONS:**

1. Orientation courses for new college teachers at M.K.University from 27<sup>th</sup> Aug 2003 - 23<sup>rd</sup> Sep 2003.
2. One day orientation programme for Research guides in colleges and Major Research Projects at Yadava college, Madurai - 06 Oct 2003.
3. National workshop on Modern techniques in Biology - 21<sup>st</sup> - 26<sup>th</sup> 2005.
4. Refresher courses on Zoology (Environmental Educations) at M.K.University - 17<sup>th</sup> Aug 2005 - 06 Sep 2005.
5. Seminar on Genomics and proteomics -Methods and applications conducted by School of Biotechnology ,MKU, Madurai- 29<sup>th</sup> -30<sup>th</sup> Sep 2005.
6. Refresher courses on Zoology (Value Education) at M.K.University , Madurai - 20 Feb 2008 - 11<sup>th</sup> March 2008.

### **RESEARCH PUBLISHED AND PRESENTED**

1. Understanding Planet Earth: The ethical need of the year 2008 for all ; paper presented in the International training workshop on bioethics educational at Arul Anandar College, Karumathur, Madurai on 26 & 27 Sep 2008.
2. Blue green Algae in Sericulture - a paper presented in the Tamilnadu Sciences forum meeting held on 06 -08 Sep 1993
3. Effect of temperature on the hemolymph protein profile of Silk worm larvae , Bombyx mori - Paper Published in the Journal of Ecobiology and Environmental monitoring -1993

### **OTHER RESPONSIBILITY IN RESEARCH**

#### 1. GUIDESHIP:

Ph.D Guideship No : 1039

#### 2. ACADEMIC AFFIRE AND RESEARCH CELL:

Panel of Reviewers for the ANJAC Journal of Sciences (ISSN -0972-6012) -2010.

### **EXPERIENCE IN EXTENSION SERVICES :**

- \* Lions International clubs
- \* Rotary International clubs
- \* Giants service club
- \* Red Cross Society

I have been doing many Social Service activities for deserving community since 1993. I am doing many extension activities in the villages and urban area. I am serving for the deserving students for their educations and future life.

I was taking part as a President, Secretary and treasurer in above said associations. I honoured awarded for my selflessness services to the deserving , poor people by International clubs and National Clubs.

**COMMUNICATIVE ADDRESS:**

25,PARVTHI BHAVAN,  
JEEVA NAGAR MAIN STREET,  
MEENAMBIGAI NAGAR,  
JAIHINDHUPURAM (POST),  
MADURAI-625014.

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