

## **BIO-DATA OF M.PRAKASH**

|           |                                   |   |   |
|-----------|-----------------------------------|---|---|
| <b>A.</b> | <b><u>General Information</u></b> |   |   |
| a.        | Name                              | : | Dr.M.Prakash  |
| b.        | Address (Residential)             | : | G1, Plot No-12, 12 <sup>th</sup> Cross, Amman Nagar, Kattur, Trichy |
| c.        | Designation                       | : | Assistant Professor   |
| d.        | Department                        | : | Physics   |
| e.        | Date of Birth                     | : | 10.07.1984  |
| f.        | Area of Specialization            | : | Crystal Growth & Material Science                                   |

### **B. Academic Qualifications**

| Exam. Passed                              | Board / University  | Year of Passing | Division/Grade/ Merit etc.   |
|---|---|-----------------|------------------------------|
| High School                               | Government Higher Secondary School, Ulkottai, Ariyalur (Dt)   | 1999            | 76%                          |
| Higher Secondary of Pre-degree            | Government Higher Secondary School, Meensurtti, Ariyalur (Dt)   | 2001            | 88%                          |
| Bachelor's Degree(s)- B.Sc                | Physics, <b>Bharathidasan University</b>  | 2005            | First class with Distinction |
| Master's Degree(s)-M.Sc                   | Physics, <b>Bharathidasan University</b>  | 2007            | First class with Distinction |
| Research Degree(s) M.Phil                 | Physics (Regular) <b>Annamalai University</b>   | 2009            | First class with Distinction |
| Research Degree(s) Ph.D                   | Crystal Growth –<br>Title of the Thesis - <i>Growth and Characterization of NLO Active L-Phenylalanine Amino Acid Based Single Crystals</i> , <b>Annamalai University</b> | 2012            | Highly Recommended           |
| Other (Diplomas/ Certificates etc.) PGDCA | <b>Bharathidasan University</b>   | 2007            | First class with Distinction |

### **C. Research Experience & Training**

| Research Stage   | Title of work/Thesis                        | University where the work was carried out |
|--|---|---|
| M.Phil. or equivalent  | Nano Particle and Crystal Growth            | <b>Bharathidasan University</b>           |
| Ph.D.  | Waiting for scholar                         | <b>Bharathidasan University</b>           |
| Publication  | 3   | Elsevier & Springer                       |
| Research Guidance M.Phil   | Awarded – 2<br>Ongoing - 6                  | <b>Bharathidasan University</b>           |
| <b>Training</b><br>1. Orientation Course<br>2. Refresher Course<br>3. Refresher Course | Orientation Course 23.08.2017 to 19.08.2017 | <b>Bharathidasan University</b>           |

**D. Seminars, Conferences, Symposia Workshops etc. attended**

| Name of the Seminar/<br>Conference/Symposia<br>Workshop etc.             | Name of the sponsoring agency | Place and Date  |
|--|-------------------------------|---|
| Recent Trends in Materials<br>Science and Applications<br>(ICRTMSA 2016) | UGC Autonomous Grant          | Jamal Mohamaed College, 29 <sup>th</sup><br>February 2016 |

**E. Teaching Experience :**

| Courses Taught   | Name of University/ College/Institution                  | Duration                                       |
|--|--|--|
| 1. U.G. (B.A./B.Sc. etc.<br>Pass) B.A., B.Sc.,<br>etc. Hons.)B.Com | Urumu Dhanalakshmi College -<br>Bharathidasan University | 10.02.2016 to till Date                        |
| 2. P.G. (M.A. / M.Sc.<br>etc.) M.Com                               | Urumu Dhanalakshmi College -<br>Bharathidasan University | 10.02.2016 to till Date                        |
| 3. M.Phil-Physics  | Urumu Dhanalakshmi College -<br>Bharathidasan University | 10.02.2016 to till Date                        |
| 4. Any other   | Urumu Dhanalakshmi College -<br>Bharathidasan University | Co-ordinator of Wisdom Club,<br>Member of CTCP |

**List of Publication**

1. Growth and Characterization of DL-Mandelic acid ( $C_6H_5CH(OH)CO_2H$ ) single crystal for third-order Nonlinear optical applications. *Journal of Molecular Structure* 1148 (2017) 314 – 321. (Elsevier).  
P.Jayaprakash, P.Sangeetha, M.Peer Mohamed, G.Vinitha, S.Muthu, **M.Prakash**, M.Lydia Caroline.
2. Growth and Characterization of an efficient new NLO single crystal L-phenylalanine D-methionine for frequency conversion and optoelectronic applications. *Physica B* 525 (2017) 164-174. (Elsevier).  
P.Sangeetha, P.Jayaprakash, M.Nageshwari, C.Rathika Thaya Kumari, S.Sudha, **M.Prakash**, G. Vinitha, M.Lydia Caroline.
3. Growth and Characterization of Chloro Bis Thiourea Mercury (II) Chloride (CBTMC) Grown by slow Evaporation Technique for Nonlinear Optical Applications. *Recent Trends in Material Science and Applications*, 189, DOI 10.1007/978-3-319-44890-9\_48 (2017) (Springer).  
M.Peer Mohamed, S.Sudha, M.Nageshwari, P.Jayaprakash, P.Sangeetha, **M.Prakash** and M.Lydia Caroline.