

# LIST OF PUBLICATIONS

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## Publications in Journals

1. 2',4'-Dichlorochalcone  
**Manisha Phukan**, P. Phukan, R. Chakrabarty and B. K. Sarma  
*Acta Cryst.* (2006) E62, o5056–o5057
2. X-ray and infrared spectroscopic studies of the molecular structure of 3-(2,4-dichlorophenyl)-1-phenylprop-2-en-1-one  
**Manisha Phukan** and B. K. Sarma  
*Indian J. Phys.* (2008) 82, 773-777
3. Crystal structure analysis of two different chalcones: Effect of substituent on the dihedral angle  
**Manisha Phukan** and B. K. Sarma  
*J. Assam Sci. Soc.* 2012 (in press)

## Papers presented in Conferences / Symposiums

4. X-ray and infrared spectroscopic studies of the molecular structure of 3-(2,4-dichlorophenyl)-1-phenylprop-2-en-1-one  
**Manisha Phukan** and B. K. Sarma  
Vth Conference of Physics Academy of the North-East (PANE)  
1-2 March, 2007, Gauhati University, Guwahati
5. Crystal structure analysis of two different chalcones: Effect of substituent on the dihedral angle  
**Manisha Phukan** and B. K. Sarma  
55<sup>th</sup> Annual Technical Session of Assam Science Society, 15<sup>th</sup> February, 2010, Gauhati University, Guwahati