List of Publications

1. "Electrical conductivity studies and optical absorption studies in Copper Phthalocyanine thin films".
   S. Ambily and C. S. Menon, *Solid State Communications*, **94**, 6, 485 (1995).
2. "Structure and grain size studies on evaporated thin films of Cobalt Phthalocyanine (CoPc)".
   S. Ambily and C. S. Menon, *Indian Journal of Pure and Applied Physics*, **34**, 933 (1996).
3. "Determination of thermal activation energy and optical band gap of Cobalt Phthalocyanine thin films".
   S. Ambily and C. S. Menon, *Materials Letters* (in Press).
4. "Electrical conductivity, Optical absorption and Structural Studies in thin films of Lead Phthalocyanine".
   S. Ambily and C. S. Menon, *Materials Letters* (in Press).
5. A proposed band model for Lead Phthalocyanine thin films based on photoconductivity spectra.
   S. Ambily, Francis P. Xavier and C. S. Menon, *Pramana–Journal of Physics (Accepted)*.
6. "Structure determination, electrical and optical properties of Copper Phthalocyanine thin films".
   S. Ambily and C. S. Menon, *National conference on Developments in Electronic Materials and their Applications* March 6–8, Kolhapur (1995).
7. "Effect of annealing and substrate temperature on the conductivity and trap distribution of Cobalt Phthalocyanine thin films".
   S. Ambily and C. S. Menon, *83rd Indian Science Congress*, January 3–8, Patiala (1996).

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8. "Electrical and grain size studies on evaporated Cobalt Phthalocyanine thin films".
   S. Ambily and C. S. Menon, *8th Kerala Science Congress*, January 27–29, Kochi (1996).

9. "Film preparation and effect of annealing and substrate temperature on the conductivity of Cobalt Phthalocyanine thin films".
   S. Ambily and C. S. Menon, *National Seminar on Fundamentals of Crystal Growth*, January 29–30, Madras (1996).

10. "Electrical and optical studies on air annealed Cobalt Phthalocyanine (CoPc) thin films".
    S. Ambily and C. S. Menon, *National conference on Thin Film Characterisation and Applications*, June 10–12, Coimbatore (1996).

11. "An ammonia sensor–Fabricated with Lead Phthalocyanine thin films".
    S. Ambily and C. S. Menon, *84th Indian Science Congress*, January 3–8, New Delhi (1997).

12. "Electrical conductivity and spectral response studies on Lead Phthalocyanine thin films".
    S. Ambily and F. P. Xavier and C. S. Menon, *7th National Seminar on Crystal Growth*, January 6–8, Karaikudi (1997).

13. "A proposed band structure for Lead Phthalocyanine (PbPc) from its spectral response and electrical conductivity studies".
    S. Ambily and C. S. Menon, *9th Kerala Science Congress*, January 27–29, Thiruvananthapuram (1997).

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14. "Determination of the structure and grain size from XRD patterns of some organic semiconductors CoPc, NiPc and MgPc.
S. Ambily, K. N. Narayanan Unni, K. P. Krishnakumar and C. S. Menon, *Symposium on Current Topics in Physics of Materials*, March 27–29, Hyderabad (1997).

15. "Determination of thermal activation energy from electrical conductivity measurements in some organic semiconductors NiPc, CoPc and MgPc".
K. N. Narayanan Unni, S. Ambily, K. P. Krishnakumar and C. S. Menon, *Symposium on Current Topics in Physics of Materials*, March 27–29, Hyderabad (1997).

16. "Determination of the optical band gap in some organic semi conductors from the absorption spectra MgPc, NiPc and PbPc."
K. P. Krishnakumar, K. N. Narayanan Unni, S. Ambily and C. S. Menon, *Symposium on Current Topics in Physics of Materials*, March 27–29, Hyderabad (1997).

17. The effect of growth parameters on the electrical, optical and structural properties of Copper Phthalocyanine thin films.
S. Ambily and C. S. Menon, *Thin Solid Films* (communicated).

18. X–ray diffraction and photoresponse studies in Lead Phthalocyanine thin films.
S. Ambily and C. S. Menon, *XXVIII National Seminar on Crystallography*, September 24–26, Kottayam (1997).

19. "Effect of annealing and substrate temperature on the conductivity, band gap and structure of Cobalt Phthalocyanine thin films".
S. Ambily and C. S. Menon, (Communicated).

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20. "Effect of annealing and substrate temperature on the conductivity, band gap and structure of Copper Phthalocyanine thin films".
S. Ambily and C. S. Menon, (Communicated).

21. "Effect of annealing and substrate temperature on the conductivity, band gap and structure of Lead Phthalocyanine thin films".
S. Ambily and C. S. Menon, (Communicated).

22. Photoconductivity studies in Copper, Cobalt and Lead Phthalocyanine thin films".
S. Ambily and C. S. Menon, (Communicated).

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