**CURRICULUM VITAE**

**Dr. Muneer Mustafa Mahmoud Abdoh**

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**Personal:-**

Date of Birth: Oct. 19, 1953

Health: Good Citizenship: Palestinian Marital Status: Married

**Education:-**

B.SC. (Physics, Chemistry, Mathematics), Mysore University 1978

M.Sc. (Physics) Mysore University, 1980

PH.D. (Physics) Mysore University, 1986 Major Field : Liquid Crystals, X-Ray Crystallography.

**Current Research Interest**

Theoretical and Experimental Studies on the molecular Structure and Physical properties of liquid

Crystals semiconductors Drug Molecules and production of Biogas.

**Experience:**

1. Research Fellow, since Sept. 1980

2. Assistant Prof. since April 1986

3. Associate Prof. Oct. 1999 till present

4. Chairman Dept. of Physics from 1.9.98 to 1.9.1999

**Professional:**

1. Member of Indian Physics Association

2. Indian Science Congress Association

3. Member of West Bank Society for Preservation of the Environment

4. Member of Palestine Physics Association

**Participation in Conferences:**

1. Nuclear Physics and Solid State Physics Symposium held at Indian Institute of technology, Delhi during Dec. 11-15, 1980.

2. Indian Science Congress held at Mysore University, Mysore during Jan3-5, 1982.

3. XIII nation Seminar on Crystallography held at Nagpur University, Nagpur during March 15-18,

1982.

4. IX International Conference on Liquid Crystals held at Raman Research Institute Bangalore, Bangalore, Dec. 6-10, 1982.

5. Energy and Environment conference in Palestine, Held at An-Najah National University, Nablus,Palestine 19-20 Oct. 1996.

6. Physics Conference in Palestine. Held at An-Najah national University, Nablus, Palestine 14-15

May, 2000.

**Teaching Courses:**

Phys 22101 1-All General Physics Courses

22102 2-Phys 22203 for Physics Specialization

22104

22107, 22108, 22109 3-Thermodynamics

22110 4-Solid State Physics for B.se

22203 5-Spectroscopy

22241 6-Solid State Physics for M.se

7-Special topics for M.se

**List of Publications:**

1. Refractive Indices, Densities, Polari abilities and Molecular Order in Cholesteric Liquid Crystals.

N.C SHIVAPRAKASH, M.M.M.ABDOH, SPINVISA and J.SHASHIDHARA PRASAD. Mol. Cryst.Liq.Cryst. 1982 Vol. 80, pp. 179-193.

2. Unit Cell dimensions and space of trans – 4-propyl cyclohexy-4-(Trans-4-ethyl cyclohexyl0 benzoate and Trans – 4-propyl cyclohexyl-40(Trans-4-propyl cyclohexyl) benzoate. Srinivasa, M.M.M Abdoh, N.C. Shivaprakash and J. Shashidhara Prasad J. Zeitschrift fur Kristallographie 158, 313-314 (1982).

3. UNIT CELL DIMENSIONS AND SPACE GROUPS OF SOMELIQUID CRYSTALS. M.M.M.

ABDOH, SRIVIVASA, N.C. SHIVAPRAKASH and J. SHASHIDHARA PRASAD. Mol. Cryst. Liq. Cryst. Vol. 72 (Letters), PP. 225-226 (1982).

4. Nuclear Magnetic Resonance Spectroscopy Studies of Nematic Liquid Crystals 2. Trans-4-Alkyl (4-Cyaophenyl) Cyclohexanes. M.M.M. ABDOH N.C. Shivaprakash, and J. Shashidhara Prasad J. Phys. Chem. 1982, 86, 2349-2351.

5. Orientational order in the nematogenic homologous series Trans-4-alkyl (4-Cyanophenyl) –

cyclohexane.

M.M.M Abdoh, Srinvasa, N.C. Shivaprakash and J. Shashidhara Prasad J. Chem. Phys. 77(5), (2570) 1982.

6. Orientational order parameters of nematogenic Trans – 4-propyl cyclohexyl-4 (Trans – 40alkyl cyclohexyl)benzoates SRINIVASA, M.M.M. ABDOH, N.C, pramana , Vol. 19, No. 4, October

1982 (349-355) (1982).

7. Crystal Structure of Mesogenic Material III NEmatogenic 4-(4’Ethoxyphenylazo) Phenyl

Undeclenate.

J. SHASHIDHARA PRASAD, M.M.M. ABDOH and N.C. CHIVAPRAKASH Mol. Cryst. Liq. Cryst, 1983, Vol. 103, PP. 261-269.

8. Infrared and Far-Infrared Studies on the Nematognic Homologous Series Trans-4-Alkyl(5- Cyanopghenyl) Cyclohexanes.

J. SHASHIDHARA PRASAD, M.M.M. ABDOH C.I. VENKATARMANA SHASTRLY and

N.C. SHIVAPRAKASH, Mol. Crys. Liq. Cryst. 1984, Vol. 104, PP. 141-152.

9. Crystal Structure of mesogenic material IV-nematogenic 4-(4-ethoxyphenylazo) pheny heptanoate.

A.M. Shaikh, N.C. Shivaprakash, M.M.M. Abdoh and J. Shashidhara Prasad. Aeitchrift fur

Kristallographie 169, 109-115 (1984)

10. 10. Crystal structure of nematogenic 4,4’-bis(pentyloxy) azoxy benzene N.C. Shivaprakash, M.M.M. Abdoh and J. Shashidhara Prasad Zeitchrift fur Kristallographie 172, 73-87 (1985)

11. OPTICAL AND DSC STUDIES ON PURE NEMATOGENIC MATERIALS EXHIBITING

RE-ENTRANT ISOTROPIC PHASE J, SHASHIDHARA PRASAD , C.I. VENKATRAMANA SHASTRY AND M.M.M. ABDOH.

ACTAPHYSICA Vol.A69(1986)

12. INFRARED AND FAR INFRARED STUDIES ON THE NEMATOGENIC COMPUNDS EXHIBITING RE-ENTRANT SYSTEMS J, SHASHIDHARA PRASAD C.I. VENKATRAMANA SHASTRY AND M.M.M. ABDOH, ACTAPHYSICA POLONICA Vol. A74 (1988).

13. Crystal structure of lignocaine tetrachloroferrate (III) complex, A.M. Babu, M.A.S. Bellad, A.

Indira, M.M.M. Abdoh and J.S. Prasad, Zeitschrift fur Kristallographie 203, 161 (1992).

14. Crystal Structure of Dipheny Pyraline Hydrochloride – Cobalt Chloride Complex.

M.A. SRIDHAR A. INDIRA, S.B. BELLAD, A.M. BABU M.M.M. Abdoh and J.S. PRASAD, P.G. RAMAPPA and K.G. SOMASEKHARAPPA Mol. Cryst. Liq. Cryst, 1994, Vol. 250, 285-

291.

15. Crystal structure of lignocaine cobalt thiocyanate complex *(C14H22ON2)2 CO(NCS)4(H20)* N.N.A. Qayyas, M.A. Sridhar, A. Indira, J. Shashidhara Prasad and M.M.M. Abdoh. Zeitschrift fur kristallographie 209, 918-919, 1994.

16. Crystal Structure of lignocaine tertabromocuprate (II), (C14H22ON2)2 CuBr4, N.N.A. Qayyas, M.A. Sridhar, A. Indira, J. Shashidhara Prasad and M.M.M. Abdoh.

17. Resistivity studies of Metaclopramide and Propantheline Bromide Complexes.

Muneer M.M. Abdoh Journal of Mysore University: Section B, Vol. 34, 1996,PP. 195-197.

18. The first biogas plant in Tulkarem district, west Bank, Palestine Authority.

Mysore University Journal 2012. Abdoh M.M.M. and Eshriadeh A.M.

19. I H-Indole -3-cabaldehyde.C.S. Dileep, M.M.M. Abdoh

M.P. Chakravarthy, K.N. mohana and M.A. Sridhar. Acta cryst. (2012) E68, 03135

20. (E)-N1-[1-(Thio phen-2-yl) ethhylidene] isonicotion hydrazide C.S. Dileep, M.M.M. Abdoh, M.P. Chakrararthy K.N. Mohana and M.A. sridar

Acta Cryst. (2012). E68, 02972

21. Ethyl 1-aminoma phtho [2,1-b] furan-2-car boxy late K.S. ,Madan, E. shruthi, A.M. Sagar, M.M.M. Abdoh, V.P. Vaidya and N.K. Lokanath

Acta cryst. (2012) E68.02114.

22. 4-[(3-Chloro-2-methylphenyl) iminomethyl] phenol. B.C. Manjunath, M.M.M. Abdoh, L. Mallesha, K.N.

Mohana and N.K. Lo kanath. Acta cryst, (2012). E68,0319.

23. Ethyl 2-cyano-5-oxo-5(thiophen-2-yl)-3-(3,4,5-trimethoxy phenyl) pentanoate

M. Prabhuswamy, S. Madan Kumar, K.R. Raghavendra, M.M.M. Abdoh, S.Shahikanth and N.k. Lokanath Acta Cryst. (2012). E 68, 032 75.

24. 2.6 –Dichlorophenyl 4-chlorobenzoate M.M.M. Abdoh, V. Srinirasa Murthy, B.C. Manjunath, S.

Shahikanth and N.K. Lokanath, Acta Cryst.(2012). E68, 03449.

25. 5-(Prop-2-yn-1-yl)-5H-dibenzo [b,f] azepine: Orthorhombic polymorph,

M.M.M. Abdoh, S.Madan kumar,k.s ving kumar, B.C. Manjunath, M.P. sadashiva

And N.K lokanath.

Cryst. (2013), E69, 017).

26. A Hirshfeld Surface Analysis and crystal structure of 21 [1-(2-Fuoro phenyl)-1

H-tetrazol-5-YI] – 4-methoxy-Biphenyl-2-Carbaldehyde.

S. madan kumar, B.C. Manjunath, GS, Lingaraju, M.M.M. Abdoh. M.P. Sadashira, N.K. Lokanath.

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27. [4-(4-meth-oxy-phen-yl) -2 (pyridine-3-yl)1,3-thia-zol—5-yl] [4-(tri-fluoro-methyl) Phenyl] methanone.

K.J. Pampa, M.M.M. Abdoh, T.R Swaroop, K.S. Rangappa, N.K. Lokanath

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28. DNA Binding text, x-ray crystal structure, Spectral, TG-DTA, and Electrochemistry of [Co x2 (dmdphphen)] (dmdphphen is 2.9-dimethyl -4.7 – diphenyl-1-10 –phenan throline, x-cl and NCS Complexes,

Mousa Z Al-Noaimi, Hany W. Darwish, Mohammed Suleiman, Ahmed H. Bakheit, Muneer Abdoh, Iyad Saadeddin, Naveen S. Neartur krishnappa gowda Lokanath, Odey Bsharat, Assem Barakat, Ismail Warad.

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29. Crystal structure studies of NADP(+) dependent is citrate dehydrogenase from Thermoos thermophiles exhibiting a novel terminal domain.

SM kumar, k J Pampa, M Manjula M.M.M. Abdoh Naoki Kunishima, N.K. Lokonath

Biochemical and Biophysical Research Communications 05/2014.

30. Crystal structure of 2-penoxyethl 2-hydroxy benzoate, C15 H14 )O4-Ayman Nafady, Ahmad Husein, Muneer Abdoh, S.Madan Kumar, K.J. Pamap, N.K. Lokanath and Ismail Warad Z. kristallogr. NCS 229 (2014) 41-42.

31. Synthesis, spectral , x-ray single structure, DFT calculations and Antimicrobial

Activities of [Co(11)x2 (dm phen) ] (x=Br and SCN-.

Mousa Al-Noaimi, Firas F. Awwadi, Salim F. Haddad, Wamidh H. Talib, Shehdeh

Jodeh, Smaail Radi, Taibi Ben Hadda, Muneer Abdoh, S. Nareen, N.K. Lokanath

Ismail Warad.

Journal of Molecular Structure Structure 04/2015; 1086;153-160.

32. Synthesis, Crystal Structure and characterization of (z) -2-(3-chlorophenyl)-N2- Hydroxyacetamidine, M. Prabhuswamy, Dinsha, M.M.M. Abdoh, k.J, Pamap, S. Madan kumar G.k. Nagraja and N.K. Lokanath.

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33. Synthesis, spectral, electrochemical, crystal structure studies of two novel di-µ-halo-bis [halo(2,9- dimethyl -4.7-diphenyl-1, 10-phenanthroline) damium(II) dimer complexes and their thermolysis to non- metal oxides.

Ismail Warad a.\*. 1, Muneer Abdoh B, \*\*, 1 Naveen Shivalingegowda e,1. Neartur Krishnappgowda

Lokanath d. Rachid Salghi e, Mohammed Al-Nuri a, Shehdeh Jodeh a. Smaail Radi F. Belkheir hammouti. Journal of Molecular Structure 1099(2015) 323-329.

34. Crystal structure of 10-ethylspiro-[chroman-4,40-imidazolidine] -20,50-dione: a hydantoine derivative.

S.B. Benaka Prasad a.S. Naveen, B.M. Madaiah . N.K. Lokanath, D Ismail Warade and Mudeer Abdoh\* Acta Cryst. (2015) E71, 0705-0706.

35. Crystal Structure of 3-(thiophen-2-yl)-5-p-tolyl-4,5-dihydri-1H-pyrazole-1-carboxanide.

S. Naveen a G. Pavithra.b Muneer Abdoh,c\* K. Ajay Kumar,b Ismail Waradd and N.K. Lokanath

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36. Crystal structure of (IE,I1E)-N,N1-(ethane-1,2-diyl)bis[(pyridine-2-yl)-methanimine]

Muneer Abdoh, a\* Ismail Warad, b.S. Naveen,c N.K. Lokanath and Rachid Salghie Acta Cryst

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37. Synthesis, Characterization, Crystal Structure, and Hirshfeld Surface Analysis of 2–(2–Hydroxy–3–

methoxyphenyl)–1–(4–methylphenyl)–4, 5–diphenyl–1H–imidazole

M Prabhuswamy, S Viveka, MMM Abdoh, KJ Pampa, GK Nagaraja, NK Lokanath.

38. Synthesis, Characterization, Crystal Structure, and Hirshfeld Surface Analysis of (2Z)-3-(methylsulfanyl)-

2,3-diphenylprop 2-enenitrile

AC Vinayaka, R Manjunath, S Madan Kumar, MM Abdoh, MP Sadashiva, NK Lokanath.

39. Crystal structure of 3-(thiophen-2-yl)-5-(p-tolyl)-4,5-dihydro-1H-pyrazole-1-carboxamide

Assem Barakat, Naveen Shivalingegowda, Nagamallu Renuka, Ajay Kumar Kariyappa, Muneer Abdoh, Ismail Warad, Neratur Krishnappagowda Lokanath

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40. (E)-1-(5-Chloro•thio•phen-2-yl)-3-(2,4-di•methyl•phen•yl)prop-2-en-1-one S Naveen, MG Prabhudeva, K Ajay Kumar, NK Lokanath, M Abdoh\* IUCrData vol1 2016.

41. N′-[(E)-4-Meth••oxy•benzyl••idene]-2-(4-methyl•phen••oxy) acetohydrazide

S Samshuddin, S Naveen, D Arunkumar, A Mahesha, NK Lokanath, M Abdoh\* IUCrData vol1 2016.

*42. Bis(4-chloro•benzyl••idene)cyclo•penta•none*

S Samshuddin, S Naveen, LN Ananya, P Vishwanatha, NK Lokanath, M Abdoh\* IUCrData vol1 2016.

43. Ethyl 1-benzyl-2-(4-methoxyphenyl)-1H-benzimidazole-

5carboxylate

S. Naveen,a Vasantha Kumar,b,c Boja Poojary,c B. Shivarama Holla,b

N. K. Lokanathd and M. M. M. Abdoh\*

IUCrData vol1 2016.

44. Ethyl 1-(4-fluoro•benz•yl)-2-(4-meth••oxy•phen•yl)-1H-benzo[d]imidazole-5-carboxyl•ate

S Naveen, V Kumar, B Poojary, P Vishwanatha, NK Lokanath, MMM Abdoh\* IUCrData vol1 2016.

45. Ethyl (naphthalen-2-yl••oxy)acetate

S Madan Kumar, N Manju, Balakrishna Kalluraya, K Byrappac, MMM Abdoh\* IUCrData vol1 2016.

46. Amino-1,3,4-thia•diazol-2-yl)sulfan•yl]-N-(2,4,5-tri•chloro•phen•yl)acetamide

S. Madan Kumar,a D. J. Madhu Kumar,b H. P. Shivakumar,c D. Jagadeesha Prasad,b

K. Byrappad and M. M. M. Abdoh\* IUCrData vol1 2016.

47. Ethyl 1-benzyl-2-(3-chloro•phen•yl)-1H-benzimidazole-5-carboxyl•ate SM Kumar, D Manasa, V Kumar, B Poojary, K Byrappa, MMM Abdoh\* IUCrData vol1 2016.

48. Acomparsion Studies of dibenzoazepine derivateves and their hirshfeld surface analysis. <http://www.jmaterenvironsci.com/documents/vol7/vol7_N8/294-JMES-2245-Muneer.pdf>

 M.M.M Abdoh, N.K. Lokanath. Journal of materials and environmental science 7, no. 8 (2016): 2820-2824.

49. Crystal structures of isomeric 4-bromo-N-[(2-nitro¬phen¬yl)sulfon¬yl]benzamide and 4-bromo-N-[(4- nitro¬phen¬yl)sulfon¬yl]benzamide

[S. Naveen,](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Naveen,%20S.) [A. G. Sudha,](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Sudha,%20A.G.) [E. Suresha,](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Suresha,%20E.) [N. K. Lokanath,](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Lokanath,%20N.K.) [P. A. Suchetan a](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Suchetan,%20P.A.)nd [M. Abdoh\*](http://scripts.iucr.org/cgi-bin/citedin?search_on=name&author_name=Abdoh,%20M.) Acta Crystallographica Section E: Crystallographic Communications *Vol* 73 2017.

50. (2E,2′E)-1,1′-(1,4-Phenyl¬ene)bis¬¬[3-(3-chloro¬phen¬yl)prop-2-en-1-on]

S Rajendraprasad, Chidan Kumar, S Chandraju, NK Lokanath, CK Quah, S Naveen, M Abdoh\* IUCrData vol 2 2017.

51. 4-Iodo-N-(o-tolyl•sulfon•yl) benzamide

S Naveen, E Suresh a, AG Sudha, NK Lokanath, PA Suchetan, M Abdoh\* IUCrData vol2 2017

 52. Synthesis, spectral, and X-ray crystallographic of Dipyridin-2- ylmeshanonle oxime and its CuX2 (oxime) 2

 Complexes: thermal, Hirshfeld surface and DFT analysis.

 Ismail Warad, Muneer Abdoh, Anas Al Ali, Naveen shivalingegowda, Karthik Kumara, Abdelkader Zarrouk,

 Neartur. K.L. Journal of Molecular Structure., 1154(2018)619-625

 53. Synthesis, physicochemical, thermal, computation and DNA binding evaluation of trans-

 [CuBr2(Me2NCH2CH2NH2)2] complex.

 Muneer Abdoh, Ismail Warad, Ashraf Sawafta, Reeta Essa, Mohammed Al-Nuri, Aminah Abu Kibdeh, Anas Al

 Ali, Nabil Al Zaqri, Karthik Kumara, Abdelkader. Journal of Material environment science, vol9 2018 622-633