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VIDYAVARDHAKA COLLEGE OF ENGINEERING

P.B. No.206, Gokulam, III - Stage, Mysuru - 570 002, Karnataka, INDIA.

DEPARTMENT OF PHYSICS



Papers Published in National / International Journals

(Year Wise - From 2012)

Sl. No.	Title of paper	Name of the author/s	Name of Journal / Volume & Issue, Page No.	Year of publication	ISBN/ISSN number	Paper Web Link
1.	Synthesis, Structure, Elastic, Electric and Charge Storage Capacity of Li6O6 Crystals	Manju V Venkata Shetty, Sumana Y Kotian, K M Lokanatha Rai, Lokanath K Neratur, Shilpa Umesh, Somashekar Rudrappa	BARC, Vol. 13, Issue 2, 2023, 180	2023	2069-5837	https://doi.org/10.33263/BRIAC132.180
2.	Oral Thin-films from Design to Delivery: A Pharmaceutical Viewpoint	Manasa Chandramouli, Rajendra Prasad Shivalingappa, Vrushabendra Basavanna, Shridevi Doddamani, Dileep Chikkur Shanthakumar, Sandhya Rani Nagarajaiah, Srikantamurthy Ningaiah	BARC, Vol. 13, Issue 2, 2023, 177	2023	2069-5837	https://doi.org/10.33263/BRIAC132.177
3.	Structural and Elastic Properties of Varieties of Cotton Fibers	Manju V V, Divakara S, Vinayakprasanna Narayan Hegde & Somashekar R	Advances in materials and processing technologies, pp. 1-17	2022	2374068x	https://doi.org/10.1080/2374068X.2022.2036502
4.	A novel Schiff base derivative as a fluorescent probe for selective	Bhavya Nelligere Revannaa, Mahendra	Journal of Molecular	2022	0022-2860	https://doi.org/10.1016/j.molstruc.2021.132327



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	detection of Cu^{2+} ions in buffered solution at pH 7.5: Experimental and quantum chemical calculations	Madegowda, Neelufar, Javarappa Rangaswamy, Nagaraja Naik	Structure, 1254, p. 132327			
5.	Dithiane Based Boronic Acid as a Carbohydrate Sensor in an Aqueous Solution at pH 7.5: Theoretical and Experimental Approach	Bhavya Nelligere Revanna, Mahendra Madegowda1	Journal of Fluorescence, 31, pp.1683–1703	2021	1573-4994	https://link.springer.com/article/10.1007/s10895-021-02791-4
6.	Morphological, electrical, dielectric, and complex electrical modulus studies of copper ion conducting HPMC/PVA hosted nanocomposite electrolyte films	N. Sandhya Rani, H. D. Swapna, R. Karthik, C. Manasa	Ionics,	2021	0947-7047	https://doi.org/10.1007/s11581-021-04400-7
7.	AC Conductivity and Spectroscopic Studies of Copper Oxide Nanoparticles Doped HPMC/PVA Polymer Electrolytes	N. Sandhya Rani	AIP Conference Proceedings, Vol. 2369, 020134-1–020134-5	2021	1551-7616	https://doi.org/10.1063/5.0061393
8.	Oral Thin-films from Design to Delivery: A Pharmaceutical Viewpoint	Manasa Chandramouli, Rajendra Prasad Shivalingappa, Vrushabendra Basavanna, Shridevi Doddamani, Dileep Chikkur Shanthakumar, Sandhya Rani Nagarajaiah, Srikantamurthy Ningaiah	BARC, Vol. 13, Issue 2, 2023, 177	2023	2069-5837	https://doi.org/10.33263/BRIAC132.177
9.	Phytochemical mediated	KR Jyothi, KR Bhagya,	Inorganic	2021	1387-7003	https://www.sciencedirect



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	synthesis of praseodymium doped beta-eucryptite nanophosphor for ultraviolet stimulated fluorescence based unclonable security applications	GP Darshan, Vinayakprasanna N Hegde, SC Sharma, NM Nagabhushana, H Nagabhushana	Chemistry Communications, 130, 108671			t.com/science/article/abs/pii/S1387700321002306
10.	Dy ³⁺ doped Y ₂ MoO ₆ nanopowders for white light emission: Spectroscopic and transport properties for optoelectronic and energy harvesting applications	KR Bhagya, RB Basavaraj, KR Jyothi, H Nagabhushana, MV Murugendrappa, AP Gnana Prakash, NM Nagabhushana, Vinayakprasanna N Hegde	Colloid and Interface Science Communications, 43, p. 100447	2021	2215-0382	https://doi.org/10.1016/j.colcom.2021.100447
11.	Orange-red emitting praseodymium doped yttrium-molybdate nanophosphors for multifunctional applications	KR Bhagya, KR Jyothi, Vinayakprasanna N Hegde, B Daruka Prasad, H Nagabhushana, SC Sharma, NM Nagabhushana	Journal of Science: Advanced Materials and Devices, 6, pp. 234-244	2021	2468-2179	https://doi.org/10.1016/j.j.samd.2021.02.002
12.	Comparison of structural and mechanical properties of suvin and MCU-5 cotton fibres	Manju V V, Vinayakprasanna Narayan Hegde, Divakara S & Somashekar R	Advances in materials and processing technologies, pp. 1-15	2021	2374068x	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2021.1878697
13.	Studies on Elasto-Mechanical and Structural properties of cotton fibres	Manju V. V, Divakara S and Somashekhar R	Science Journal	2021	2277-9523	-
14.	Gamma irradiation induced microstructural modification and electrical conductivity of bakelite	K. V. Aneesh Kumar, M. Raghavendra, Vinayakprasanna N. Hegde, A. P. Gnana Prakash & H.	Journal of Radioanalytical and Nuclear Chemistry, 327, pp. 821-829	2021	1588-2780	https://link.springer.com/article/10.1007/s10967-020-07565-z



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	resistive plate chamber material	B. Ravikumar				
15.	An investigation on dose rate effect of ^{60}Co gamma radiation on 200 GHz SiGe HBTs	Vinayakprasanna N. Hegde, B. C. Hemaraju, T. M. Pradeep, V. V. Manju, J. D. Cressler, and A. P. Gnana Prakash	AIP Conference Proceedings, Vol. 2265, p. 030478	2020	1551-7616	https://doi.org/10.1063/5.0016893
16.	Computation of sample space from XRD data of varieties of cotton fibers	V. V. Manju, S. Divakara, Vinayakprasanna Narayan Hegde, and R. Somashekar	AIP Conference Proceedings, Vol. 2265, p. 030344	2020	1551-7616	https://doi.org/10.1063/5.0016894
17.	Green synthesis and thermoluminescence study on $\text{LiAlSiO}_4:\text{Ce}^{3+}$ nanophosphors for dosimetry applications	K. R. Jyothi, K. R. Bhagya, H. Nagabhushana, A. P. Gnana Prakash, Vinayakprasanna N. Hegde, and N.M. Nagabhushana	AIP Conference Proceedings, Vol. 2265, p. 030111	2020	1551-7616	https://doi.org/10.1063/5.0017190
18.	An investigation of 10 MeV electron irradiation on silicon NPN transistors	T. M. Pradeep, Vinayakprasanna N. Hegde, N. Pushpa, K. G. Bhushan, Mukesh Kumar, and A. P. Gnana Prakash	AIP Conference Proceedings, Vol. 2265, p. 030482	2020	1551-7616	https://doi.org/10.1063/5.0016949
19.	Comparison of Ionic Conductivity of Gamma Irradiated HPMC Based Solid Biopolymer Electrolyte Systems	N. Sandhya Rani	AIP Conference Proceedings Vol. 2265, p. 030245	2020	1551-7616	https://doi.org/10.1063/5.0016702
20.	Swift Heavy Ion Irradiation Studies on SiGe HBTs at Low Temperature	Vinayakprasanna N. Hegde, T. M. Pradeep, John D. Cressler and A. P. Gnana Prakash	IRJET, Vol. 7, pp. 160-165	2020	2395-0056	https://www.irjet.net/archives/V7/i6/ICRTST-2020/IRJET-V7I621.pdf
21.	Determination of Structural and Mechanical Property of MCU-5 Cotton Fiber	Manju V V, S. Divakara, Vinayakprasanna Narayan Hegde and R. Somashekar	IRJET, Vol.7, pp. 143-146	2020	2395-0056	http://icrtst.atme.in/assets/ICRTST-2020%20Proceeding.pdf
22.	Studies on Structure and Elasto-Mechanical Properties of Suvin	Manju V V, Divakara S, R Somashekar	Journal of Scientific	2020	2070-0245	https://www.banglajol.info/index.php/JSR/article/v



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	Cotton Fibre		Research, Vol. 12pp 607-620			iew/47269
23.	Crystallite shape, dielectric constant and functional data analysis of various cotton fibres using WAXS data	Manju V V, Divakara S, Karthik Divakaran, Somashekar R	Indian Journal of Fibre & Textile Research (IJFTR), Vol 45, pp 49-56	2020	0975-1025	http://op.niscair.res.in/index.php/IJFTR/article/view/22548
24.	Novel pyrazolyl-thiazoles: synthesis, characterization and study of their antidiabetic properties	Srikantamurthy Ningaiah, Umesha K. Bhadraiah, Vrushabendra Basavanna, Nagarakere S Lingegowda, Dileep C Shanthakumar, Shridevi Doddaman	BARC, Vol. 10, pp. 5849 - 5854	2020	2069-5837	https://doi.org/10.33263/BRIAC104.849854
25.	Thiazolo-Pyrimidine Analogues: Synthesis, Characterization and Docking Studies Guided Antimicrobial Activities	Umesha K. Bhadraiah, Srikantamurthy Ningaiah, Vrushabendra Basavanna, Dileep C Shanthakumar, Manasa Chandramouli, Chandra, ThejeshKumar M. Puttaswamy, Shridevi Doddamani	BARC, Vol.11, pp. 9443 - 9455	2020	2069-5837	https://doi.org/10.33263/BRIAC112.94439455
26.	Facile Green Synthesis, Characterization and Transport Properties of $\text{LiAlSiO}_4:\text{Ce}^{3+}$ Nanocomposites	K. R. Jyothi, K. R. Bhagya, H. Nagabhushana, M. V. Murugendrappa, A. P. Gnana Prakash, Vinayakprasanna N Hegde, N. M. Nagabhushana	Ceramics International, Vol. 46, pp 9706-9713	2020	0272-8842	https://www.sciencedirect.com/science/article/pii/S027288421933740X
27.	Synthesis and Characterization of Advanced Functional Dysprosium	K. R. Jyothi, K. R. Bhagya, H. Nagabhushana, M. V.	Physica B, Vol. 590, p 412195	2020	0921-4526	https://www.sciencedirect.com/science/article/abs/pii/S0921452620300000



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	Doped Sr ₂ MgSi ₂ O ₇ Nanophosphors for White LED Applications	Murugendrappa, A. P. Gnana Prakash, Vinayakprasanna N Hegde and N. M. Nagabhushana				0921452620302076
28.	Analysis of 80 MeV Carbon and 80 MeV Nitrogen ion irradiation effects on N-channel MOSFETs	Arshiya, Vinayakprasanna N. Hegde, T. M. Pradeep, N. Pushpa, Ambuj Tripathi, K Asokan and A. P. Gnana Prakash	IEEE Transaction on Device and Materials Reliability, Vol. 19, pp 696-703	2019	1042-0150	0.1109/TDMR.2019.2945400
29.	Swift Heavy Ions Induced Degradation on the Electrical Characteristics of Silicon NPN Power Transistors	T. M. Pradeep, Vinayakprasanna N. Hegde N. Pushpa, John D. Cressler, Ambuj Tripathi, K Asokan and A. P. Gnana Prakash	Radiation Effects and Defects in Solids, Vol. 174, pp 859-872	2019	1042-0150	https://doi.org/10.1080/10420150.2019.1667356
30.	Electrical Conductivity and Dielectric Constant Studies of HPMC/PEG – SLS Solid Polymer Blend Films before and after Gamma irradiation	N. Sandhya Rani	Journal of Emerging Technologies and Innovative research (JETIR), 6, 2, 478 - 487	2019	27485	http://www.jetir.org/papers/JETIR1902866.pdf
31.	Determination of crystal structure and elastic constants of MCU-5 cotton fiber using WAXS data	V.V. Manju, S. Divakara, K Byrappa & R. Somashekhar	AIP Conf. Proc., Vol. 2115, pp. 030032(1-4)	2019	2115	https://aip.scitation.org/doi/abs/10.1063/1.5112871
32.	High Energy Swift Heavy Ion Irradiation and Annealing Effects on DC Electrical Characteristics of 200 GHz SiGe HBTs	Vinayakprasanna N. Hegde, K. C. Praveen, T. M. Pradeep, N. Pushpa, John D. Cressler, Ambuj Tripathi, K Asokan and A. P. Gnana Prakash	Nuclear Engineering and Technology Vol. 51, pp. 1428-1435	2019	1738-5733	https://doi.org/10.1016/j.net.2019.03.016
33.	Studies of hydrogen bonding of HPMC doped with CdCl ₂ polymer using FTIR technique	N. Sandhya Rani, M. S. Manjunatha, J. Sannappa, T. Demappa	Materials Today: proceedings	2018		https://www.sciencedirect.com/science/article/pii/S2214785318317590



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34.	Structural and ionic conductivity properties of gamma irradiated HPMC polymer electrolyte films	Sandhya Rani N, S. A. Mohan Krishna	Journal of advanced research in manufacturing material science & metallurgical Engineering	2018	2394-7039	http://adrjournalshouse.com/index.php/materials-Metallurgical-engg/article/view/339
35.	Structural Characterization and Docking Studies of (Z)-N-Phenyl Benzo Hydrazonoyl Chloride Derivative as Promising Antimicrobial Acinetobacter Baumannii Penicillin-Binding Protein Target	G.V.Ashok Reddy, C. S. Dileep, Shamantha Kumar, B. Vrushabendra, Chandra, N. Srikantamurthy and B. H. Doreswamy	Journal of Applicable Chemistry	2018	2278-1862	http://www.joac.info/ContentPaper/2018/1-4-2-3-6.pdf
36.	5 MeV Proton irradiation effects on 200 GHz silicon-germanium heterojunction bipolar transistors	A P Gnana Prakash, Vinayakprasanna N Hegde, T M Pradeep, N Pushpa, P K Bajpai, S P Patel, Tarkeshwar Trivedi, J D Cressler	IEEE Transaction on Device and Materials Reliability Vol.56, pp 646-649	2018	1042-0150	https://doi.org/10.1080/10420150.2017.1418874
37.	Comparisons of 5 MeV Proton and 1 MeV Electron Irradiation on Silicon NPN RF Power Transistors	T. M. Pradeep, Vinayakprasanna N. Hegde, N. Pushpa, K. G. Bhushan and A. P. Gnana Prakash	Indian Journal of Pure and Applied Physics Vol.56, pp 646-649	2018	0019-5596	http://nopr.niscair.res.in/handle/123456789/44847
38.	The effects of high-energy ion irradiations on the $I-V$ characteristics of silicon NPN transistors	A. P. Gnana Prakash, M. N. Bharathi, Vinayakprasanna N. Hegde, T. M. Pradeep, N. Pushpa and Ambuj Tripathi	Radiation Effects and Defects in Solids Vol.173, Nos. 7-8, pp 683-693	2018	1042-0150	https://doi.org/10.1080/10420150.2018.1499735
39.	Free Volume Dependence on Electrical Properties of Poly(Styrene Co-Acrylonitrile)/Nickel Oxide Polymer Nanocomposites	S. Ningaraju, Vinayakprasanna N. Hegde, A. P. Gnana Prakash and H. B.	Chemical Physics Letters, Vol.698, pp 24-35, April 2018	2018	0009-2614	https://doi.org/10.1016/j.cpl.2018.03.002



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		Ravikumar				
40.	A Comparison of 5 MeV Proton and Co-60 Gamma Irradiation on Silicon NPN rf Power Transistors and N-Channel Depletion MOSFETs	A. P. Gnana Prakash, T. M. Pradeep, Vinayakprasanna N. Hegde, N. Pushpa, P. K. Bajpai, S. P. Patel, Tarkeshwar Trivedi and K.G. Bhushan	Radiation Effects and Defects in Solids, Vol.172, Nos. 11-12, pp 952-963	2018	1042-0150	https://doi.org/10.1080/10420150.2017.1421189
41.	5 MeV Proton Irradiation Effects on 200 GHz Silicon-Germanium Heterojunction Bipolar Transistors	A. P. Gnana Prakash, Vinayakprasanna N. Hegde, T. M. Pradeep, N. Pushpa, P. K. Bajpai, S. P. Patel, Tarkeshwar Trivedi and J. D. Cressler,	Radiation Effects and Defects in Solids, Vol.172, Nos. 11-12, pp 922-930	2018	1042-0150	https://doi.org/10.1080/10420150.2017.1418874
42.	Theoretical Study of Eco Friendly Propulsion System	Sreesha K V & Divakara S	IJAME	2017	23938609	http://www.ijamejournals.com/pdf/rpj11163.pdf
43.	Comparison of crystallite shapes in four different varieties of cotton fibers using X-ray powder diffraction data	V. V. Manju, S. Divakara & R. Somashekhar	American institute of Physics	2017	15517616	https://aip.scitation.org/doi/abs/10.1063/1.4980215
44.	Comparison of Pair Correlation Values in Variety of Cotton Fibers	M. B. Nandaprakash, S. Divakara, S. S. Mahesh & R. Somashekhar	American institute of Physics	2017	15517616	https://aip.scitation.org/doi/abs/10.1063/1.4980225
45.	Gamma irradiation effects on some biopolymer electrolyte films	N Sandhya Rani, S A Mohan Krishna	International journal of digital publication technology (IJDTP)	2017		Not available in web page
46.	Ionic conductivity properties of ceric ammonium nitrate (CAN) doped HPMC based biopolymer electrolyte films	N. Sandhya Rani, J. Sannappa	International journal of advancement in Engineering technology, management and applied science.	2017	2349-3224	http://www.ijaetmas.com/wp-content/uploads/2017/02/IJ17M0109.pdf
47.	Studies of hydrogen bonding of	N. Sandhya Rani, M S	Materials Today:	2017		Not available in web page



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	HPMC doped with CdCl ₂ polymer using FTIR technique	Manjunatha, J Sannappa, T. Demappa	proceedings			
48.	Comparison of crystallite shapes in four different varieties of cotton fibers using X-ray powder diffraction data	V.V. Manju, S. Divakara & R. Somashekhar	American institute of Physics	2017	15517616	https://aip.scitation.org/doi/abs/10.1063/1.4980215
49.	Comparison of 1 MeV Electron, Co-60 Gamma and 1MeV Proton Irradiation Effects on Silicon NPN Transistors	M. N. Bharathi, N. H. Vinayakprasanna, Arshiya Anjum, T. M. Pradeep, N. Pushpa, K. C. Praveen, K. G. Bhushan and A. P. Gnana Prakash,	Radiation Effects and Defects in Solids, Vol.172, No.3-4, pp 235-249	2017	1042-0150	https://doi.org/10.1080/10420150.2017.1300902
50.	Methyl 2-(benzoyloxy)benzoate	Shamantha Kumar, Chandra, C. S. Dileep, M. Mahendra and B. H. Doreswamy	IUCrData	2016	2414-3146	https://iucrdata.iucr.org/x/issues/2016/06/00/su4050/su4050.pdf
51.	A Comparison of 4 MeV Proton and Co-60 Gamma Irradiation Induced Degradation in the Electrical Characteristics of N-Channel MOSFETs	Arshiya Anjum, N. H. Vinayakprasanna, T. M. Pradeep, N. Pushpa, J. B. M. Krishna and A. P. Gnana Prakash	Nucl. Instr. Meth. Phys. Res. B, Vol. 379, pp 265–271	2016	0168-9002	https://doi.org/10.1016/j.nimb.2016.04.023
52.	A Comparison of Lower LET and Higher LET Heavy Ion Irradiation Effects on Silicon NPN rf Power Transistors	M. N. Bharathi, N. Pushpa, N. H. Vinayakprasanna and A. P. Gnana Prakash	Nucl. Instr. Meth. Phys. Res. A., Vol. 822, pp 34-42	2016	0168-9002	https://doi.org/10.1016/j.nima.2016.03.083
53.	Effects of CdCl ₂ concentration on the structural, thermal and ionic conductivity properties of HPMC polymer electrolyte films.	N. Sandhya Rani, J. Sannappa, T. Demappa, Mahadevaiah	Ionics	2015	0947-7047	https://link.springer.com/article/10.1007/s11581-014-1151-y
54.	Synthesis, characterization, antifungal activity and crystal structure of	K. R. Raghavendra, K. Ajay Kumar, N. Renuka, C. S. Dileep, N. K. Lokanath, M.	J. Chem. Pharm. Res.	2015	ISSN-L: 0975-7384	https://www.researchgate.net/publication/289045656



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	1-(2-chlorophenyl)-3-(thiophen-2-yl)-1H-pyrazole-4-carboxaldehyde.	A. Sridhar and S. Shashikanth				
55.	Structural, nonlinear absorption and optical limiting properties of a new organic crystal 3-(3-fluorophenyl)-1-[4-(methylsulfanyl) phenyl] prop-2-en-1-one	S. Raghavendra, Dileep C. S., S. M. Dharmaprakash	Molecular crystals and Liquid Crystals	2015	ISSN, 1563-5287	https://www.tandfonline.com/doi/abs/10.1080/15421406.2014.954323
56.	High Total Dose Co-60 Gamma Irradiation and Annealing Studies on NPN rf Power Transistors	T. M. Pradeep, N. H. Vinayakprasanna, Arshiya Anjum, M. N. Bharathi, N. Pushpa and A. P. Gnana Prakash	ISST Journal of Applied Physics, Vol. 6, No. 2, pp 16-21	2015	0976 – 903X	Not available in web page
57.	A Comparison of 100 MeV Oxygen Ion and Co-60 Gamma Irradiation Effects on Advanced 200 GHz SiGe heterojunction bipolar transistors	N. H. Vinayakprasanna, K. C. Praveen, N. Pushpa, John D. Cressler and A. P. Gnana Prakash	Indian Journal of Physics, Vol.89(8), pp 789-796	2015	0973-1458	10.1007/s12648-015-0654-3
58.	80 MeV Carbon Ion Irradiation Effects on Advanced 200 GHz SiGe Heterojunction Bipolar Transistors	N. H. Vinayakprasanna, K. C. Praveen, N. Pushpa, Ambuj Tripathi, John D. Cressler and A. P. Gnana Prakash,	Advanced Material Letters, Vol. 6(2), pp 120-126	2015	0976-397X	10.5185/amlett.2015.5708
59.	Synthesis and Characterization of Carbon Soot Particles Doped HPMC Polymer Composites	G. K. Gowtham, Vinayakprasanna N. Hegde, Simin Meshk, S. K. Sukrutha and R. Somashekar	Journal of Research Updates in Polymer Science, 4, no. 2, pp. 62	2015	1929-5995	https://www.lifescienceglobal.com/pms/index.php/jrups/article/view/3164
60.	Effect of Microwave Radiation on Jayadhar Cotton Fibers : WAXS Studies	A. R. Niranjana, S. S. Mahesh, S. Divakara, and R. Somashekar	American Center for Physics	2014	15517616	https://aip.scitation.org/doi/abs/10.1063/1.4872756



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61.	Structural, thermal, and electrical studies of sodium iodide (NaI)-doped hydroxypropyl methylcellulose (HPMC) polymer electrolyte films	N. Sandhya Rani, J. Sannappa, T. Demappa, Mahadevaiah	Ionics, Springer publications	2014	0947-7047	https://link.springer.com/article/10.1007/s11581-013-0952-8
62.	Effects of CdCl ₂ concentration and gamma irradiation on the structural, thermal and electrical conductivity properties of HPMC polymer electrolyte films.	N. Sandhya Rani, J. Sannappa, T. Demappa, Mahadevaiah	IOSR Journal of Applied Physics	2014	2278-4861	https://www.researchgate.net/publication/268926636
63.	Gamma irradiation effects on structural, thermal and electrical conductivity properties of ceric ammonium nitrate (CAN) doped HPMC based biopolymer electrolyte films.	N. Sandhya Rani, J. Sannappa, T. Demappa, Mahadevaiah	IOSR Journal of Applied Physics (IOSR-JAP),	2014	2278-4861	http://www.ijaetmas.com/wp-content/uploads/2017/02/IJ17M0109.pdf
64.	Gamma radiation induced effects on structural and thermal properties of hydroxypropyl methyl cellulose (HPMC) polymer films"	N. Sandhya Rani, J. Sannappa, T. Demappa.	YMCAUST International Journal of Research	2014	2319-9377	Not available in web page
65.	Crystal structure of (E)-N-phenyl-N0-[1-(thiophen-2-yl)ethylidene]formo-hydrazide	C. S. Dileep, K. R. Raghavendra, N. K. Lokanath, K. Ajay Kumar and M. A. Sridhara	ActaCryst	2014	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?S1600536814016511
66.	(4-Fluorophenyl)(2-hydroxy-5-methylphenyl)methanone	C. S. Dileep, V. Lakshmi Ranganatha, N. K. Lokanath, S. A. Khanum and M. A. Sridhar	ActaCryst.	2014	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?s1600536814001883
67.	Crystal structure of Schiff base	C. S. Dileep, L. Mallesha	AIP Conference	2014	ISSN: 0094-	https://aip.scitation.org/doi/



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	derivatives of 1-(3,4,5-trimethoxybenzylidene)thiosemicarbazide and (E)-N'-(3-nitrobenzylidene)isonicotinohydrazide	and M. A. Sridhar	Proceedings		243X	abs/10.1063/1.4872914
68.	(4-Fluorophenyl)(4-hydroxy-3-methylphenyl)methanone	C. S. Dileep, V. Lakshmi Ranganatha, N. K. Lokanath, S. A. Khanum and M. A. Sridhar	ActaCryst.	2014	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?IS5325
69.	Structural and ionic conductivity behaviour in hydroxypropyl methylcellulose (HPMC) polymer films complexed with sodium iodide (NaI)	N. Sandhya Rani, J. Sannappa, T. Demappa, Mahadevaiah	Journal of American Institute of Physics	2013	1551-7616	https://aip.scitation.org/doi/abs/10.1063/1.4791152
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71.	Crystal Structure of 4-(4-Aminophenylsulfonyl)Benzenamine	C. S. Dileep, L. Mallesha and M. A. Sridhar	ChemSci J	2013	ISSN: 2041-6520	https://www.researchgate.net/profile/Mallesha_Lingappa/publication/264899003_Volume_4_BULLET_Issue_2_BULLET_1000077_Chem_Sci_J_ISSN_2150-3494
72.	(4-Hydroxy-3,5-dimethylphenyl)(phenyl)methanone	C. S. Dileep, T. Prashanth, S. Jeyaseelan, S. A. Khanum and M. A. Sridhar	ActaCryst.	2013	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?zs2279



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73.	(4-Hydroxy-3-methylphenyl)(phenyl)methanone	C. S. Dileep, V. Lakshmi Ranganatha, N. K. Lokanath, A. K. Shaukath and M. A. Sridhar	ActaCryst.	2013	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?S160053681302521X
74.	1H-Indole-3-carbaldehyde	C. S. Dileep, M. M. M. Abdoh, M. P. Chakravarthy, K. N. Mohana and M. A. Sridhar	ActaCryst.	2012	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?GO2070
75.	(E)-N -[1-(Thiophen-2-yl)ethylidene]-isonicotinohydrazide	C. S. Dileep, M. M. M. Abdoh, M. P. Chakravarthy, K. N. Mohana and M. A. Sridhar	ActaCryst.	2012	ISSN: 2056-9890	https://scripts.iucr.org/cgi-bin/paper?hb6959