

New Horizon College of Engineering
Scopus Publications

SI. No	AUTHORS	ARTICLE TITLE	PUB YEAR	JOURNAL NAME	CITATIONS	AFFILIATION TO UNIVERSITY [AUTHOR WITH AFFILIATION]	VOL No	SI.No./ Issue No.	B. PAGE	E. PAGE	ISSN	WEB LINK
1	Prakash Krishnaiah, Chantara Thevy Ratnam and Sivakumar Manickam	Enhancements in crystallinity, thermal stability, tensile modulus and strength of sisal fibres and their PP composites induced by the synergistic effects of alkali and high intensity ultrasound (HIU) treatments	2017	Ultrasonics Sonochemistry	18	The University of Nottingham Malaysia Campus	34	.	729	742	1350-4177	https://www.sciencedirect.com/science/article/pii/S1350417716302486
2	Prakash Krishnaiah, Chantara Thevy Ratnam and Sivakumar Manickam	Development of silane grafted halloysite nanotube reinforced polylactide nanocomposites for the enhancement of mechanical, thermal and dynamic-mechanical properties	2017	Applied Clay Science	19	The University of Nottingham Malaysia Campus	135		583	595	0169-1317	https://www.sciencedirect.com/science/article/pii/S0169131716304677
3	Prakash Krishnaiah, Chantara Thevy Ratnam and Sivakumar Manickam	Improved Mechanical Properties and Theoretical Prediction of Young's Modulus of Polylactide Composites Reinforced with Sisal Fibers	2018	Materials Today: Proceedings	0	The University of Nottingham Malaysia Campus	5	10	2249 4	2250 5	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785318317541
4	Prakash Krishnaiah, Chantara Thevy Ratnam and Sivakumar Manickam	Morphology Water Absorption and Biodegradable Properties of Polylactide Biocomposites Reinforced with Sisal Fibers	2018	Materials Today: Proceedings	0	The University of Nottingham Malaysia Campus	5	10	2250 6	2251 6	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785318317553
5	Asha PK	Oxidation of 4- methylthio phenyl acetic acid in aqueous acidic medium by Cr(VI): Kinetic and mechanistic study	2018	Materials Today: Proceedings	5	New Horizon College of Engineering, Bangalore	5	1	2854	2859	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785318300865
6	Asha PK	Ru(III) catalysed Oxidation of Ciprofloxacin by Iron(III): A Kinetic and Mechanistic Approach	2018	Asian Journal of Chemistry	0	New Horizon College of Engineering, Bangalore	30	12	2665	2670	0970-7077	http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=30_12_13

New Horizon College of Engineering

Scopus Publications

7	Asha PK	Spectroscopic study on kinetics of oxidation of doxycycline hydrochloride by N- chlorosuccinamide in acidic medium	2017	Asian Journal of Chemistry	0	New Horizon College of Engineering, Bangalore	28	11	2353	2356	0970-7077	https://www.researchgate.net/publication/320104762_Spectroscopic_Study_on_Kinetics_of_Oxidation_of_Doxycycline_Hydrochloride_by_N-Chlorosuccinamide_in_Acidic_Medium	
8	S.Prakash,N.Elavaran,A.Venkatesan,K.Subashini,M.Sowndharya,V.Sujatha	Green synthesis of copper oxide nanoparticles and its effective applications in Biginelli reaction, BTB photodegradation and	2018	Advanced Powder Technology		Department of Chemistry, Periyar University, Salem, Tamil Nadu, India	Article in Press						https://www.sciencedirect.com/science/article/pii/S0921883118304801#!
9	Piyushi Nautiyal, K.A. Subramanian, M.G. Dastidar	Production and characterization of biodiesel from algae	2014	Fuel Processing Technology	116	Piyushi Nautiyal, Indian Institute of Technology Delhi, Delhi	120		79	88	0378-3820	https://www.sciencedirect.com/science/article/pii/S037838201300372X	
10	Piyushi Nautiyal, K.A. Subramanian, M.G. Dastidar	Kinetic and thermodynamic studies on biodiesel production from Spirulina platensis algae biomass using single stage extraction-transesterification process.	2014	Fuel	66	Piyushi Nautiyal, Indian Institute of Technology Delhi, Delhi	135		228	234	0016-2361	https://www.sciencedirect.com/science/article/pii/S0016236114006292	
11	Piyushi Nautiyal, K.A. Subramanian, M.G. Dastidar	Adsorptive removal of dye from aqueous solution using biochar derived from residual algae biomass after in-situ transesterification: an alternate use of waste residue of biodiesel industry.	2016	Journal of Environmental Management	34	Piyushi Nautiyal, Indian Institute of Technology Delhi, Delhi	182		187	197	0301-4797	https://www.sciencedirect.com/science/article/pii/S030147971630500X	
12	Piyushi Nautiyal, K.A. Subramanian, M.G. Dastidar	Experimental investigation on performance and emission characteristics of a compression ignition engine fueled with biodiesel from waste tallow	2017	Clean Technologies and Environmental Policy	3	Piyushi Nautiyal, Indian Institute of Technology Delhi, Delhi	19	6	1667	1677	1618-954X	https://link.springer.com/article/10.1007/s10098-017-1355-8	
13	Piyushi Nautiyal, K.A. Subramanian, M.G. Dastidar	Experimental Investigation on Adsorption Properties of Biochar Derived from Algae Biomass Residue of Biodiesel Production	2017	Environmental Processes	4	Piyushi Nautiyal, Indian Institute of Technology Delhi, Delhi	4		179	193	2198-7491	https://link.springer.com/article/10.1007/s40710-017-0230-2	
14	M. K. Prashanth, M.S. Raghu, H.D. Revana siddappa,	Synthesis, characterization, Antimicrobial and binding interaction study of novel Piperamides with Bovine serum Albumin by Fluorescence spectroscopy	2016	Central Nervous System Agents in Medicinal Chemistry	1	Nitte Meenakshi Institute of Technology, Bangalore	16	1	60	66	1875-6166	http://www.eurekaselect.com/131844/article	

New Horizon College of Engineering
Scopus Publications

15	K. Yogesh Kumar, M.S. Raghu, S. Archana, T.N. Vinuth Raj, B.P. Prasana, H.B. Muralidhara,	Superb Adsorption Capacity of Hydrothermally Synthesized Copper oxide and Nickel oxide nanoflakes towards Anionic and Cationic dyes	2017	Journal of Science: Advanced Materials and devices		Nitte Meenakshi Institute of Technology, Bangalore	2	2	183	191	2468-2179	https://www.sciencedirect.com/science/article/pii/S2468217917300278
16	B.P. Prasanna, D.N. Avadhani, M.S. Raghu, K. Yogesh Kumar	Synthesis of polyaniline/ α -Fe ₂ O ₃ nanocomposite electrode material for supercapacitor applications	2017	Mater. Today Commu.	4	Nitte Meenakshi Institute of Technology, Bangalore	12		72	78	2352-4928	https://www.sciencedirect.com/science/article/pii/S2352492817300934
17	M.S. Raghu, K. Yogesh kumar, M K Prashanth, B P Prasanna C. B Pradeep kumar	Graphene-Fe ₃ O ₄ nanocomposite: Adsorption and Antibacterial activity for water purification	2017	J. Water Process Eng.,	8	Nitte Meenakshi Institute of Technology, Bangalore	17		22	31	2214-7144	https://www.sciencedirect.com/science/article/pii/S2214714416305979
18	M.S. Raghu, , K. Yogesh Kumar, Srilatha Rao, T. Aravinda, S.C. Sharma, M.K. Prashanth	Simple fabrication of reduced graphene oxide -few layer MoS ₂ nanocomposite for enhanced electrochemical performance in supercapacitors and water purification	2018	Physica B- Condensed Matter	7	Nitte Meenakshi Institute of Technology, Bangalore	537		336	345	0921-4526	https://www.sciencedirect.com/science/article/pii/S092145261830125X
19	M.S. Raghu, K. Yogesh Kumar, B.P. Prasanna, T. Aravinda, Srilatha Rao, M.K. Prashanth,	Fabrication of Polyaniline-few layer MoS ₂ nanocomposite for high energy density supercapacitors	2018	Polymer Bulletin	2	Nitte Meenakshi Institute of Technology, Bangalore	75	10	4359	4375	1436-2449	https://link.springer.com/article/10.1007/s00289-017-2267-9

New Horizon College of Engineering

Scopus Publications

20	K Yogesh Kumar, S Archana, R Namitha, B P Prasanna , M S Raghu	Ruthenium oxide nanostring clusters anchored Graphene oxide nanocomposites for high performance supercapacitors application	2018	Materials Research Bulletin		New Horizon College of Engineering, Bengaluru	107		347	354	0025-5408	https://www.sciencedirect.com/science/article/pii/S0025540818311772
21	K Yogesh Kumar, Himani Saini, D Pandiarajan, MK Prashanth, L Parashuram, MS Raghu	Controllable synthesis of TiO ₂ chemically bonded graphene for photocatalytic hydrogen evolution and dye degradation	2018	Catalysis Today		New Horizon College of Engineering, Bengaluru	Article in Press					https://www.sciencedirect.com/science/article/pii/S0920586118314457
22	Shivaraj B. Patil, M S Raghu, Brij Kishore, G. Nagaraju	Enhanced electrochemical performance of few-layered MoS ₂ -rGO nanocomposite for lithium storage application	2018	Journal of Materials Science: Materials in Electronics		New Horizon College of Engineering, Bengaluru	Article in Press					https://link.springer.com/article/10.1007/s10854-018-0295-3#citeas
23	K. Yogesh Kumar, Himani Saini, D.Pandiarajan, M.K.Prashanth, L.Parashuram, M.S.Raghu	Controllable synthesis of TiO ₂ chemically bonded graphene for photocatalytic hydrogen evolution and dye degradation	2018	Catalysis Today	-	New Horizon College of Engineering, affiliated to VTU Belagavi, Kadubeesanahalli, Bangalore, India	Article in Press					https://www.sciencedirect.com/science/article/pii/S0920586118314457?dqcid=rss_sd_all
24	PK Asha, S Vidyavathi, S Shashidhar, L Parashuram	Oxidation of 4-Methylthio phenyl acetic acid in aqueous acidic medium by Cr (VI): Kinetic and Mechanistic Study	2018	Materials Today: Proceedings	-	New Horizon College of Engineering, affiliated to VTU Belagavi, Kadubeesanahalli, Bangalore, India	5	1	2854	2859	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785318300865
25	L. Parashuram, Dr. Swamy Sreenivasa, S. Akshatha, Dr. V. Udaya Kumar, Dr. Sandeep Kumar	Zirconia-Supported Cu(I)-Stabilized Copper Oxide Mesoporous Catalyst for the Synthesis of Quinazolinones Under Ambient Conditions	2017	Asian Journal of Organic Chemistry	3	New Horizon College of Engineering, affiliated to VTU Belagavi, Kadubeesanahalli, Bangalore, India	6	12	1755	1759	2193-5815	https://onlinelibrary.wiley.com/doi/full/10.1002/ajoc.201700467
26	K.Dhanalakshmi, A.Jagannatha Reddy, D.L.Monika, R.Hari Krishna, L.Parashuram	Concentration dependent luminescence spectral investigation of Sm ³⁺ doped Y ₂ SiO ₅ nanophosphor	2017	Journal of Non-Crystalline Solids	2	New Horizon College of Engineering, affiliated to VTU Belagavi, Kadubeesanahalli, Bangalore, India	471		195	201	0022-3093	https://www.sciencedirect.com/science/article/pii/S0022309317302983

New Horizon College of Engineering

Scopus Publications

27	DVS Anusuya, L Parashuram, CP Govinda	Direct and derivative spectrophotometric determination of thorium (IV) with 2-hydroxy-3-methoxybenzaldehyde isonicotinoyl hydrazone (HMBAINH)	2016	Der Pharmacia Lettre	Anusuya Devi V. S, New Horizon College of Engineering, Bangalore	8	9	307	314	9	https://www.scholarsresearchlibrary.com/articles/direct-and-derivative-spectrophotometric-determination-of-thorium-iv-with-2hydroxy3methoxybenzaldehyde-isonicotinoyl-hyd.pdf
28	V. Saleem Basha and V.S.Anusuya Devi P. Govinda Chowdary	Simultaneous Third order derivative Spectrophotometric Determination of Vanadium and Palladium Using 2-Hydroxy-1-Naphthaldehyde-P-hydroxy Benzoichydrazone (HNHBH)	2016	IOSR Journal of Applied Physics	Anusuya Devi V. S, New Horizon College of Engineering, Bangalore	8	4	55	59	4	https://www.google.co.in/search?q=Simultaneous+Third+order+derivative+Spectrophotometric+Determination+of+Vanadium+and+Palladium+Using+2-Hydroxy-1-Naphthaldehyde-P-hydroxy+Benzoichydrazone+(HNHBH)&og=Simultaneous+Third+order+derivative+Spectrophotometric+Determination+of+Vanadium+and+Palladium+Using+2-Hydroxy-1-Naphthaldehyde-P-hydroxy+Benzoichydrazone+(HNHBH)&aqs=chrome..69i57.21771j0j8&sourceid=chrome&ie=UTF-8
29	V S Anusuya Devi , Asha P K, Vidyavathi S Shastry	Copper catalyzed oxidation of Rabeprazole by hexacyanoferrate in alkaline medium: A kinetic and mechanistic study,	2017	International journal of Pharma Research and Health Science IJPRHS	Anusuya Devi V. S, New Horizon College of Engineering, Bangalore	5	1	1567	1572	1	http://www.pharmahealthsciences.net/pdfs/volume5-issue12017/9.vol5-issue1-2017-MS-15378.pdf
30	P.K. Asha and K.Subashini V.S. Anusuya Devi, L. Parashuram	Spectrophotometric Determination of Cobalt in Medicinal, Biological and Environmental Samples	2018	Journal of Applicable Chemistry	Anusuya Devi V. S, New Horizon College of Engineering, Bangalore	7	4	1047	1055	4	https://www.google.co.in/search?q=Spectrophotometric+Determination+of+Cobalt+in+Medicinal%2C+Biological+and+Environmental+Samples&og=Spectrophotometric+Determination+of+Cobalt+in+Medicinal%2C+Biological+and+Environmental+Samples&aqs=chrome..69i57.2071j0j8&sourceid=chrome&ie=UTF-8
31	Parashurama L and Anusuya Devia VS	Combustion Synthesis of Calcium Zirconate Ceramic Nano Powders - Their Structural and Morphological Studies	2018	Der Pharmacia Lettre	Anusuya Devi V. S, New Horizon College of Engineering, Bangalore	10	7	65	69	7	https://www.scholarsresearchlibrary.com/articles/combustion-synthesis-of-calcium-zirconate-ceramic-nano-powders--their-structural-and-morphological-studies.pdf

New Horizon College of Engineering
Scopus Publications

32	P. Govinda Chowdary and L. Parashuram V.S Anusuya Devi	Simultaneous Spectrophotometric Determination of Iron (II) And Gallium(III) In Micellar Media Using 2-Hydroxy-3-Methoxybenzaldehydelsonicotinoylhydrazone (HMBAINH)	2016	Journal of Applicable Chemistry	1	Anusuya Devi V. S, New Horizon College of Engineering, Bangalore	5	1	242	247	1	http://www.joac.info/ContentPaper/2018/34-7-4-24.pdf
33	Ramachandra Naik, SC Prashantha, H Nagabhushana, SC Sharma, BM Nagabhushana, HP Nagaswarupa, HB Premkumar	Low temperature synthesis and photoluminescence properties of red emitting Mg 2 SiO 4: Eu 3+ nanophosphor for near UV light emitting diodes	2014	Sensors and Actuators B: Chemical	64	Ramachandra Naik, New Horizon College of Engineering	195		140	149	0925-4005	https://www.sciencedirect.com/science/article/pii/S0925400514000276
34	Ramachandra Naik, SC Prashantha, H Nagabhushana, HP Nagaswarupa, KS Anantharaju, SC Sharma, BM Nagabhushana, HB Premkumar, KM Girish	Mg 2 SiO 4: Tb 3+ nanophosphor: Auto ignition route and near UV excited photoluminescence properties for WLEDs	2014	Journal of Alloys and Compounds	38	Ramachandra Naik, New Horizon College of Engineering	617		69	75	0925-8388	https://www.sciencedirect.com/science/article/abs/pii/S0925838814016909
35	KM Girish, Ramachandra Naik, SC Prashantha, H Nagabhushana, HP Nagaswarupa, KS Anantha Raju, HB Premkumar, SC Sharma, BM Nagabhushana	Zn 2 TiO 4: Eu 3+ nanophosphor: self explosive route and its near UV excited photoluminescence properties for WLEDs	2015	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	30	Ramachandra Naik, New Horizon College of Engineering	138		857	865	1386-1425	https://www.sciencedirect.com/science/article/pii/S1386142514015947
36	Ramachandra Naik, SC Prashantha, H Nagabhushana, SC Sharma, HP Nagaswarupa, KS Anantharaju, BM Nagabhushana, HB Premkumar, KM Girish	A single phase, red emissive Mg 2 SiO 4: Sm 3+ nanophosphor prepared via rapid propellant combustion route	2015	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	27	Ramachandra Naik, New Horizon College of Engineering	140		516	523	1386-1425	https://www.sciencedirect.com/science/article/pii/S1386142515000219

New Horizon College of Engineering

Scopus Publications

37	Ramachandra Naik, SC Prashantha, H Nagabhushana, SC Sharma, HP Nagaswarupa, KS Anantharaju, DM Jnaneshwara, KM Girish	Tunable white light emissive Mg ₂ SiO ₄ : Dy ³⁺ nanophosphor: its photoluminescence, Judd–Ofelt and photocatalytic studies	2016	Dyes and Pigments	24	Ramachandra Naik, New Horizon College of Engineering	127		25	36	0143-7208	https://www.sciencedirect.com/science/article/abs/pii/S014372081500501X
38	T Manohar, Ramachandra Naik, SC Prashantha, H Nagabhushana, SC Sharma, HP Nagaswarupa, KS Anantharaju, C Pratapkumar, HB Premkumar	Photoluminescence and Judd–Ofelt analysis of Eu ³⁺ doped LaAlO ₃ nanophosphors for WLEDs	2015	Dyes and Pigments	24	Ramachandra Naik, New Horizon College of Engineering	122		22	30	0143-7208	https://www.sciencedirect.com/science/article/abs/pii/S014372081500220X
39	G Ramakrishna, Ramachandra Naik, H Nagabhushana, RB Basavaraj, SC Prashantha, SC Sharma, KS Anantharaju	White light emission and energy transfer (Dy ³⁺ → Eu ³⁺) in combustion synthesized YSO: Dy ³⁺ , Eu ³⁺ nanophosphors	2016	Optik-International Journal for Light and Electron Optics	23	Ramachandra Naik, New Horizon College of Engineering	127	5	2939	2945	0030-4026	https://www.sciencedirect.com/science/article/pii/S0030402615019154
40	Ramachandra Naik, SC Prashantha, H Nagabhushana, SC Sharma, HP Nagaswarupa, KM Girish	Effect of fuel on auto ignition route, photoluminescence and photometric studies of tunable red emitting Mg ₂ SiO ₄ : Cr ³⁺ nanophosphors for solid state lighting applications	2016	Journal of Alloys and Compounds	15	Ramachandra Naik, New Horizon College of Engineering	682		815	824	0925-8388	https://www.sciencedirect.com/science/article/abs/pii/S0925838816313597
41	T Manohar, SC Prashantha, Ramachandra Naik, H Nagabhushana, HP Nagaswarupa, KS Anantharaju, KM Girish, HB Premkumar	A benign approach for tailoring the photometric properties and Judd–Ofelt analysis of LaAlO ₃ :Sm ³⁺ +nanophosphors for thermal sensor and WLED applications	2017	Sensors and Actuators B: Chemical	14	Ramachandra Naik, New Horizon College of Engineering	243		1057	1066	0925-4005	https://www.sciencedirect.com/science/article/pii/S0925400516320536

New Horizon College of Engineering

Scopus Publications

42	G Ramakrishna, H Nagabhushana, RB Basavaraj, SC Prashantha, SC Sharma, Ramachandra Naik, KS Anantharaju	Green synthesis, structural characterization and photoluminescence properties of Sm ³⁺ co-doped Y ₂ SiO ₅ : Ce ³⁺ nanophosphors for WLEDs	2016	Optik-International Journal for Light and Electron Optics	14	Ramachandra Naik, New Horizon College of Engineering	127	13	5310	5315	0030-4026	https://www.sciencedirect.com/science/article/pii/S0030402616302029
43	T Manohar, SC Prashantha, HP Nagaswarupa, Ramachandra Naik, H Nagabhushana, KS Anantharaju, KR Vishnu Mahesh, HB Premkumar	White light emitting lanthanum aluminate nanophosphor: Near ultra violet excited photoluminescence and photometric characteristics	2017	Journal of Luminescence	8	Ramachandra Naik, New Horizon College of Engineering	190		279	288	0022-2313	https://www.sciencedirect.com/science/article/pii/S0022231316310365
44	KM Girish, SC Prashantha, Ramachandra Naik, H Nagabhushana, HP Nagaswarupa, HB Premakumar, SC Sharma, KS Anantha Raju	Visible photon excited photoluminescence; photometric characteristics of a green light emitting Zn ₂ TiO ₄ : Tb ³⁺ nanophosphor for WLEDs	2016	Materials Research Express	8	Ramachandra Naik, New Horizon College of Engineering	3	7	75015(1)	75015(15)	2053-1591	http://iopscience.iop.org/article/10.1088/2053-1591/3/7/075015/meta
45	Ramachandra Naik, SC Prashantha, H Nagabhushana	Effect of Li ⁺ codoping on structural and luminescent properties of Mg ₂ SiO ₄ : RE ³⁺ (RE= Eu, Tb) nanophosphors for displays and eccrine latent fingerprint detection	2017	Optical Materials	7	Ramachandra Naik, New Horizon College of Engineering	72		295	304	0925-3467	https://www.sciencedirect.com/science/article/pii/S0925346717304007
46	KM Girish, SC Prashantha, Ramachandra Naik, H Nagabhushana	Zn ₂ TiO ₄ : A novel host lattice for Sm ³⁺ doped reddish orange light emitting photoluminescent material for thermal and fingerprint sensor	2017	Optical Materials	4	Ramachandra Naik, New Horizon College of Engineering	73		197	205	0925-3467	https://www.sciencedirect.com/science/article/pii/S0925346717305098
47	HS Yogananda, H Nagabhushana, Ramachandra Naik, SC Prashantha	Calcination temperature dependent structural modifications, tailored morphology and luminescence properties of MoO ₃ nanostructures prepared by sonochemical method	2018	Journal of Science: Advanced Materials and Devices	3	Ramachandra Naik, New Horizon College of Engineering	3	1	77	85	2468-2179	https://www.sciencedirect.com/science/article/pii/S2468217917301673
48	PB Devaraja, H Nagabhushana, SC Sharma, Ramachandra Naik, SC Prashantha, HP Nagaswarupa, KS	Spectroscopic and photoluminescence properties of MgO: Cr ³⁺ nanosheets for WLEDs	2016	Displays	3	Ramachandra Naik, New Horizon College of Engineering	41		16	24	0141-9382	https://www.sciencedirect.com/science/article/pii/S014193821530024X

New Horizon College of Engineering
Scopus Publications

	Anantharaju, HB Premkumar, DM Jnaneshwara											
49	HS Yogananda, RB Basavaraj, Ramachandra Naik, GP Darshan, SC Sharma, Daruka Prasad, H Nagabhushana	Lysine assisted hydrothermal synthesis and formation process of MoO ₃ : Sm ³⁺ phosphors with hierarchical structures and its electron trapping luminescence properties	2018	Journal of Alloys and Compounds	1	Ramachandra Naik, New Horizon College of Engineering	768		451	463	0925-8388	https://www.sciencedirect.com/science/article/abs/pii/S0925838818326252
50	D Kavyashree, R Anandakumari, Ramachandra Naik, SC Prashantha, B Daruka Prasad, H Nagabhushana, HB Premkumar	Cicer arietinum fuel-blended facile synthesis, and structural, photometric, and antioxidant investigation of ZnO:Cr ³⁺ nanophosphors for light-emitting display devices	2017	Inorganic and Nano-Metal Chemistry	1	Ramachandra Naik, New Horizon College of Engineering	47	12	1701	1710	2470-1564	https://www.tandfonline.com/doi/abs/10.1080/24701556.2017.1357619
51	HS Yogananda, RB Basavaraj, GP Darshan, B Daruka Prasad, Ramachandra Naik, SC Sharma, H Nagabhushana, S Sivasankari, VM Somasunder	New design of highly sensitive and selective MoO ₃ :Eu ³⁺ micro-rods: Probing of latent fingerprints visualization and anti-counterfeiting applications	2018	Journal of Colloid and Interface Science	0	Ramachandra Naik, New Horizon College of Engineering	528		443	456	0021-9797	https://www.sciencedirect.com/science/article/pii/S0021979718304983
52	Ramachandra Naik, SC Prashantha, H Nagabhushana, KM Girish	Electrochemical, photoluminescence and EPR studies of Fe ³⁺ doped nano Forsterite: Effect of doping on tetra and octahedral sites	2018	Journal of Luminescence		Ramachandra Naik, New Horizon College of Engineering	197		233	241	0022-2313	https://www.sciencedirect.com/science/article/pii/S0022231317312000
53	KM Girish, SC Prashantha, H Nagabhushana, CR Ravikumar, HP Nagaswarupa, Ramachandra Naik, HB Premakumar, B Umesh	Multi-functional Zn ₂ TiO ₄ : Sm ³⁺ nanopowders: Excellent performance as electrochemical sensor and UV photocatalyst	2018	Journal of Science: Advanced Materials and Devices		Ramachandra Naik, New Horizon College of Engineering	3	2	151	160	2468-2179	https://www.sciencedirect.com/science/article/pii/S2468217917302356

New Horizon College of Engineering

Scopus Publications

54	G Ramakrishna, H Nagabhushana, RB Basavaraj, Ramachandra Naik, SC Sharma, B Daruka Prasad, HB Premkumar, KS Anantharaju, SC Prashantha	Calotropis gigantean-assisted YSO:Pr ³⁺ nanophosphors: Near-ultraviolet (NUV) photoluminescence and J-O analysis for solid-state lighting solutions	2017	Inorganic and Nano-Metal Chemistry		Ramachandra Naik, New Horizon College of Engineering	47	8	1234	1242	2470-1564	https://www.tandfonline.com/doi/abs/10.1080/24701556.2017.1284120
55	Ramachandra Naik, SC Prashantha, H Nagabhushana, HP Nagaswarupa, DM Jnaneshwara, PB Devaraja, GP Darshan	Diffuse reflectance properties and bandgap analysis of Mg ₂ SiO ₄ :RE ³⁺ (RE= Eu, Tb, Sm, Dy) nanophosphors for light emitting device application	2017	AIP Conference Proceedings		Ramachandra Naik, New Horizon College of Engineering	1832	1	5003 5-1	0500 35-3	1551-7616	https://aip.scitation.org/doi/abs/10.1063/1.4980268
56	Ramachandra Naik, SC Prashantha, H Nagabhushana, SC Sharma, DM Jnaneshwara, KS Anantharaju, HP Nagaswarupa, HB Premkumar, M Chandrasekhar	Judd Ofelt analysis and energy transfer mechanism in Pr ³⁺ doped Mg ₂ SiO ₄ nanophosphors	2016	AIP Conference Proceedings		Ramachandra Naik, New Horizon College of Engineering	1731	1	0500 34-1	0500 34-4	1551-7616	https://aip.scitation.org/doi/abs/10.1063/1.4947688
57	Ramachandra Naik, SC Prashantha, H Nagabhushana, Yashwanth V Naik, KM Girish, HB Premkumar	Photoluminescent and thermoluminescent properties of low temperature synthesized Nd ³⁺ doped Mg ₂ SiO ₄ nanophosphors for display and dosimetry applications	2018	Optik-International Journal for Light and Electron Optics		Ramachandra Naik, New Horizon College of Engineering	180		8	19	0030-4026	https://www.sciencedirect.com/science/article/pii/S0030402618318242
58	V Revathi, S Dinesh Kumar, P Chithra Lekha, V Subramanian, TS Natarajan, C Muthamizhchelvan	Structural, Dielectric, and Magnetic Studies on Electrospun Magnesium Ferrite-Polyvinylidene Fluoride Core-Shell Composite Fibers	2014	Acta Metallurgica Sinica (English Letters)	7	Dr. V. Revathi , New Horizon College of Engineering	27	4	557	562	2194-1289	https://link.springer.com/article/10.1007/s40195-014-0055-1
59	P Chithra Lekha, G Ramesh, V Revathi, V Subramanian	Relaxor-like ferroelectric behaviour favoured by short-range B-site ordering in 10% Ba ²⁺ substituted MgFe ₂ O ₄	2014	Materials Research Bulletin	5	Dr. V. Revathi , New Horizon College of Engineering	53		240	245	0025-5408	https://www.sciencedirect.com/science/article/pii/S0025540814000713

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60	Venkatachalam Revathi, Sakthivel Dinesh Kumar, Venkatachalam Subramanian, Muthamizhchelvan Chellamuthu	BMFO-PVDF electrospun fiber based tunable metamaterial structures for electromagnetic interference shielding in microwave frequency region	2015	The European Physical Journal Applied Physics	1	Dr. V. Revathi , New Horizon College of Engineering	72	2	2040 2-p1	2040 2-p7	1286-0050	https://www.epjap.org/articles/epjap/abs/2015/11/ap150368/ap150368.html
61	K. Dhanalakshmi	Concentration dependent luminescence spectral investigation of Sm ³⁺ doped Y ₂ SiO ₅ nanophosphor	2017	Journal of non-crystalline solids	2	K. Dhanalakshmi, New Horizon college of Engineering	471	1	195	201	0022-3093	https://www.sciencedirect.com/science/article/pii/S0022309317302983
62	P Bhavya, R Melavanki, R Kusanur, K Sharma, VT Muttannavar, LR Naik	Effect of viscosity and dielectric constant variation on fractional fluorescence quenching analysis of coumarin dye in binary solvent mixtures	2018	Luminescence-Wiley Online Library	3	P. Bhavya, New Horizon College of Engineering	33	5	933	940	1522-7243	https://doi.org/10.1002/bio.3492
63	P Bhavya, RM Melavanki, D Nagaraja, HS Geethanjali, RA Kusanur, MN Manjunatha	Binding interaction between 2-methoxy-5-fluoro phenyl boronic acid and sugars: Effect of structural change of sugars on binding affinity	2016	Canadian Journal of Physics	0	P. Bhavya, New Horizon College of Engineering	94	12	1384	1389	0008-4204	https://doi.org/10.1139/cjp-2016-0484

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64	P Bhavya, Raveendra Melavanki, MN Manjunatha, Varsha Koppal, NR Patil, VT Muttannavar	Solvent effects on the photophysical properties of coumarin dye	2018	AIP Conference Proceedings	0	P. Bhavya, New Horizon College of Engineering	1953	1	8002 2-1	8002 2-5	1551-7616	https://doi.org/10.1063/1.5032828
65	VV Koppal, RM Melavanki, RA Kusanur, P Bhavya, NR Patil	A role of solvent polarity on bimolecular quenching reactions of 3-acetyl-7- (diethylamino)-2H-chromen-2-one in binary solvent mixtures	2018	Journal of Molecular Liquids	2	P. Bhavya, New Horizon College of Engineering	260		221	228	0167-7322	https://doi.org/10.1016/j.molliq.2018.02.094

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66	HS Geethanjali, RM Melavanki, D Nagaraja, P Bhavya, RA Kusanur	Binding of boronic acids with sugars in aqueous solution at physiological pH- Estimation of association and dissociation constants using spectroscopic method	2017	Journal of Molecular Liquids	1	P. Bhavya, New Horizon College of Engineering	227		37	43	0167-7322	https://doi.org/10.1016/j.molliq.2016.11.097
67	VT Muttannavar, Raveendra Melavanki, Kalpana Sharma, P Bhavya, NR Patil, LR Naik	Steady state and time resolved methods of fluorescence quenching of heterocyclic compound in dioxane solvent using linear SV plots	2018	AIP Conference Proceedings	0	P. Bhavya, New Horizon College of Engineering	1953	1	8000 9-1	8000 9-5	1551-7616	https://doi.org/10.1063/1.5032815

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68	K.S. Prashanth, S.S. Mahesh, M.B. Nanda Prakash, S.Ningaraju,H.B Ravikumar, R. Somashekar and B. M. Nagbhushana	Whole-Pattern Fitting and Positron Annihilation Studies of Magnetic PVA/ α - Fe ₂ O ₃ Nanocomposites	2016	Brazilian Journal of Physics	3	K.S.Prashanth, New Horizon College of Engineering	46	3	262	272	0103-9733	https://link.springer.com/journal/13538/46/3/page/1
69	K.S. Prashanth, S.S. Mahesh, M.B. Nanda Prakash, L.M Munirathnamma, S.Ningaraju,H.B Ravikumar, R. Somashekar and B. M. Nagbhushana	Solution Combustion Synthesis of Cr ₂ O ₃ Nanoparticles and Derived PVA/Cr ₂ O ₃ Nanocomposites-Positron Annihilation Spectroscopic Study	2016	Materials Today: Proceedings		K.S.Prashanth, New Horizon College of Engineering	3	10	3646	3651	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785316303819

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70	KS Prashanth, SS Mahesh, MB Nanda Prakash, R Somashekar, BM Nagabhushana	PVA/NaCl/MgO nanocomposites- microstructural analysis by whole pattern fitting method	2018	AIP Conference Proceedings		K.S.Prashanth, New Horizon College of Engineering	1957	1	3000 2		1551-7616	https://aip.scitation.org/doi/abs/10.1063/1.5034326
71	P.K. Jisha,Ramachandra Naik,S.C. Prashantha,H. Nagabhushana, S.C. Sharma,H.P. Nagaswarupa, K.S. Anantharaju, B. Daruka Prasad, H.B Premkumar	Facile combustion synthesized orthorhombic GdAlO ₃ : Eu ³⁺ nanophosphors: Structural and photoluminescence properties for WLEDs	2015	Journal of Luminescence	21	P.K. Jisha, New Horizon College of Engineering	163		47	54	0022-2313	https://www.sciencedirect.com/science/article/pii/S0022231315001428

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72	PKJisha,RamachandraNaik,,SCPrashantha,HPNagaswarupa,HNagabhushana ,RBBasavaraj, SCSharma,Daruka Prasad	Structural refinement, band-gap analysis and optical properties of GdAlO ₃ nanophosphors influenced by Dy ³⁺ ion concentrations for white light emitting device applications	2016	IOP Publishing	7	P.K. Jisha, New Horizon College of Engineering	3		4500 7	4500 22	2053-1591	http://iopscience.iop.org/journal/2053-1591
73	P.K. Jisha,S.C. Prashantha,H. Nagabhushana	Luminescent properties of Tb doped gadolinium aluminate nanophosphors for display and forensic applications	2017	Journal of Science: Advanced Materials and Devices	1	P.K. Jisha, New Horizon College of Engineering	2		437	444	2468-2179	https://www.sciencedirect.com/science/article/pii/S2468217917300643

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74	P.K. Jishaa, Ramachandra Naika, S.C. Prashantha, C.R Ravikumar, H.P Nagaswarupa, H. Nagabhushana, D.M. Jnaneshwara	Synthesis ,diffuse reflectance, electrical and photoluminescence properties of nano crystalline Eu ³⁺ doped GdAlO ₃ via Combustion method	2017	Materials Today: Proceedings	0	P.K. Jisha, New Horizon College of Engineering	4	11	1170 6	1171 2	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings/vol/4/issue/11
75	Rohini.B, A.Kingson solomon jeevaraj, gopalkrishnan, kiruba	Acoustical and Thermal Conductivity Studies on CuO/DEA benzene hybridNanofluids	2013	American Institute of Physics		Rohini B, New Horizon College of Engineering	1512	1	616	617	1551-7616	https://aip.scitation.org/doi/abs/10.1063/1.4791188

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76	Tarannum Bloch, R Sridaran, CSR Prashanth	Understanding Live Migration Techniques Intended for Resource Interference Minimization in Virtualized Cloud Environment	2018	Springer, Singapore	1	New Horizon College of Engineering, Bangalore	AISC volu me 654		487	497	Print ISBN 978-981-10- 6619-1 Online ISBN 978-981-10- 6620-7	https://link.springer.com/chapter/10.1007/978-981-10-6620-7_47
77	N.DEEPIKA,Dr.N.G uruprasad	ANALYSING DIFFERENT MACHINE LEARNING APPROCHES FOR MALICIOUS CONTENT DETECTION IN SOCIAL MEDIA: A SURVEY	2018	International Journal of Pure and Applied Mathematics		New Horizon College of Engineering, Bangalore	120	special issue	1212 5	1214 3	Print ISSN 1311-8080 E ISSN 1314- 3395	http://www.acadpubl.eu/hub/

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78	Vijayalakshmi A Lepakshi, Prashanth C S R	Scheduling Workflows with Data Host Reservation in Cloud Computing	2017	International Journal of Engineering and Technology (IJET)		New Horizon College of Engineering, Bangalore	9	4	3086	3099	ISSN (Print) : 2319-8613 ISSN (Online) : 0975-4024	http://www.enggjournals.com/ijet/docs/IJET17-09-04-080.pdf
79	Clara Kanmani A, Suma V, Guruprasd N	Cloud based RDF security: A secured data model for cloud computing	2017	International journal of Intelligent Engineering and systems		New Horizon College of Engineering, Bangalore	11	1	83	93		http://www.inass.org/2018/2018022809.pdf
80	Suriya Begum, CSR Prashanth	Stochastic based load balancing mechanism for non-iterative optimization of traffic in cloud	2016	IEEE	1	New Horizon College of Engineering, Bangalore			1249	1254	E-ISBN: 978-1-4673-9338-6 ISBN(PoD): 978-1-4673-9339-3	https://ieeexplore.ieee.org/abstract/document/7566336

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81	R.Jaya C.S. Pillai and R. Jagadeesh Kannan	Ontology based Decision Support System for Identifying the Physical Constituents of a Human Body	2016	International Journal of Control Theory and Applications		New Horizon College of Engineering, Bangalore	9	51	19	27	ISSN : 0974-5572	http://serialsjournals.com/articles.php?volumesno_id=1306&journals_id=268&volumes_id=848
82	R.Jaya C.S. Pillai and R. Jagadeesh Kannan	A Narrative Review of Research on Traditional Indian Medicine and Role of Prakriti in Lifestyle Recommendation	2016	International Journal of Control Theory and Applications		New Horizon College of Engineering, Bangalore	9	51	159	164	ISSN : 0974-5572	http://serialsjournals.com/articles.php?volumesno_id=1306&journals_id=268&volumes_id=848
83	Vijayalakshmi A Lepakshi, CSR Prashanth	Standard deviation of probability of processor availability based task scheduling algorithm	2015	IEEE	1	New Horizon College of Engineering, Bangalore			1	4	E-ISBN: 978-1-4673-6667-0 CD-ROM ISBN: 978-1-4673-6666-3	https://ieeexplore.ieee.org/document/7492659

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84	B M Beena, C.S.R Prashanth	Power cognizant algorithms using slack reclamation method	2014	IEEE		New Horizon College of Engineering, Bangalore			1101	1106	E-ISBN: 978-1-4799-6629-5	https://ieeexplore.ieee.org/abstract/document/7019696
85	Varadacharyulu NC & Damodara Reddy V Shakeela Begum , Padmavathi P , Saradamma B , Maturu P , Ananda Vardhan H	Effect of green tea consumption on RBC morphology, membrane properties and antioxidant status in chronic cigarette smokers	2018	Indian Journal of Biochemistry & Biophysics		Ananda Vardhan Hebbani New Horizon College Of Engineering	55	4	256	263	09750959, 03011208	http://nopr.niscair.res.in/handle/123456789/44878

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86	Vaddi Damodara Reddy, Pannuru Padmavathi, Saradamma Bulle, Ananda Vardhan Hebbani, Shakeela Begum Marthadu, N Ch Venugopalacharyulu, Paramahamsa Maturu, NC Varadacharyulu	Association between alcohol-induced oxidative stress and membrane properties in synaptosomes: a protective role of vitamin E	2017	Neurotoxicology and teratology	5	Ananda Vardhan Hebbani New Horizon College Of Engineering	63		60	65	0892-0362	https://www.sciencedirect.com/science/article/pii/S0892036217300405
87	Ananda Vardhan Hebbani, N Ch Varadacharyulu	Protective Effect of aqueous bark extract of Terminalia Arjuna against Alcohol-Induced Hepato and Nephrotoxicity in Rats	2015	International Journal of Phytomedicine	3	Ananda Vardhan Hebbani New Horizon College Of Engineering	7	2	142	153	9750185	https://scholar.google.co.in/scholar?hl=en&as_sdt=0.5&cluster=10107055025924332631

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88	BM Asha, J Pathma, N Sakthivel	Isolation and characterization of a novel thermostable β -glucosidase from Bacillus subtilis SU40	2015	Applied biochemistry and microbiology	4	Asha B M New Horizon College Of Engineering	51	1	21	26	16083024, 00036838	https://link.springer.com/article/10.1134/S0003683815010032
89	Balachandrababu Malini Asha, Natarajan Sakthivel	Production, purification and characterization of a new cellulase from Bacillus subtilis that exhibit halophilic, alkalophilic and solvent-tolerant properties	2014	Annals of microbiology	15	Asha B M New Horizon College Of Engineering	64	4	1839	1848	15904261	https://link.springer.com/article/10.1007/s13213-014-0835-x

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90	Ramgopal Mopuri, Madhusudana Pulaganti, Mohammed Abdul Kareem, Md Shahidul Islam, K.R. Dasegowda, Mackraj Irene, Yingli Lu, Lakshmi Devi Kodidhela	Ramgopal Mopuri, Madhusudana Pulaganti, Mohammed Abdul Kareem, Md Shahidul Islam, K.R. Dasegowda, Mackraj Irene, Yingli Lu, Lakshmi Devi Kodidhela	2017	Biomedicine & Pharmacotherapy	1	K.R. Dasegowda New Horizon College of Engineering	92		249	253	0753-3322	https://www.sciencedirect.com/science/article/abs/pii/S0753332217302792
91	Charan Nallode, C Rakesh, Ganesh Prasad, M Adhvaith, Ravi Kumar	<u>Design, Development, and Assessment of Lake Water Purification System Through Solar Concentration Technique</u>	2108	Water Conservation Science and Engineering	0	New Horizon College of Engineering	3	4	321	330	2364-5687	https://link.springer.com/article/10.1007/s41101-018-0059-1
92	MK Srinath, MS Ganesh Prasad	<u>Surface Morphology and Hardness Analysis of TiCN Coated AA7075 Aluminium Alloy</u>	2017	Journal of The Institution of Engineers (India): Series C	2	New Horizon College of Engineering						https://link.springer.com/content/pdf/10.1007/s40032-017-0427-1.pdf

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93	MK Srinath, MS Ganesha Prasad	Corrosion Analysis of TiCN Coated Al-7075 Alloy for Marine Applications: A Case Study	2018	Journal of The Institution of Engineers (India): Series C	0	New Horizon College of Engineering							https://link.springer.com/content/pdf/10.1007%2Fs40032-018-0469-z.pdf
94	Geetha Varma V, Anil Kumar Misra	Equilibrium and kinetic studies on the adsorption of copper onto paddy straw powder	2016	Desalination and water treatment	5	Geetha Varma V, Department of Civil Engineering, New Horizon College of Engineering, Bangalore	57	28	1308 1	1309 0	1464-5319	https://www.tandfonline.com/doi/abs/10.1080/19443994.2015.1057536	
95	Geetha Varma V, Anil Kumar Misra	Equilibrium and Kinetic studies on the adsorption of Copper onto Carica Papaya Leaf	2016	Membrane Water Treatment	2	Geetha Varma V, Department of Civil Engineering, New Horizon College of Engineering, Bangalore	7	5	403	416	2005-8624	http://technopress.kaist.ac.kr/content/?page=article&journal=mwt&volume=7&num=5&ordernum=2	

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96	Geetha Varma V, Anil Kumar Misra	Copper contaminated wastewater–An evaluation of bioremedial options	2017	Indoor and Built Environment	Geetha Varma V, Department of Civil Engineering, New Horizon College of Engineering, Bangalore	27	1	84	95	1420-326X	https://doi.org/10.1177/1420326X16669397
97	Geetha Varma V, Anil Kumar Misra, Amit Srivastava	Biogeocomposite material and its heavy metal adsorption potential from aqueous solutions	2017	International Journal of Sustainable Engineering	Geetha Varma V, Department of Civil Engineering, New Horizon College of Engineering, Bangalore	11	4	272	281	1939-7038	https://doi.org/10.1080/19397038.2017.1420111

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98	Prof. Kesar Singh, Dr Sanjeev Bansal	Evolution Of Management Thinking And Enlightenment Of Management's Discernment From The Profiles Of The Sikh Gurus	2018	International Journal Of Mechanical Engineering & Technology (IJMET)		AMITY UNIVERSITY, AUUP, NOIDA, SECTOR-125	9	1	22	33	0976-6340	https://www.iaeme.com/MasterAdmin/uploadfolder/IJMET_09_01_003/IJMET_09_01_003.pdf
99	Prof. Kesar Singh, Dr Sanjeev Bansal	Management Through Spirituality With Spectial Reference To Sikhism	2018	International Journal Of Civil Engineering & Technology (IJCIET)		AMITY UNIVERSITY, AUUP, NOIDA, SECTOR-125	1	1	113	125	0976-6308	https://www.iaeme.com/MasterAdmin/uploadfolder/IJCIET_09_01_012/IJCIET_09_01_012.pdf
100	KCR Nisha, TN Basavaraj	Multi-Stage Cascaded Quasi Z-Source Inverter System for Renewable Energy Applications	2014	Applied Mechanics and Materials	1	New Horizon College of Engineering	472		259	264	1662-7482.	https://www.scientific.net/AMM.472.259

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10 1	KCR Nisha, V Dharmambal, M Maheswari, A Anitha, Nikil Riyas	UCAP Powered Insulin Pump	2018	Journal of Advanced Research in Dynamical and Control Systems	0	New Horizon College of Engineering	10	5	1538	1546	1943-023X	http://www.jardcs.org/abstract.php?archiveid=4486
10 2	K.C.R. Nisha, Dharmambal, V	PV Powered Switched-Inductor Embedded DC-link Impedance-source Inverter System	2015	Australian Journal of Basic and Applied Sciences	0	New Horizon College of Engineering	9		260	267	1991-8178	http://ajbasweb.com/old/ajbas/2015/Special%20ICSCS/260-267.pdf

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103	Dr.Nisha K.C.R, Dr.Sanjay Jain	Solar Powered Switched-Capacitor Reduced-source DC-link Impedance- source Inverter System	2015	International Journal of Applied Engineering Research	0	New Horizon College of Engineering	10	13	3307 1	3307 9	0973-4562	https://www.researchgate.net/profile/Nisha_K_C_R/publication/283102196_Solar_powered_switched-capacitor_reduced-source_DC-link_impedance-source_inverter_system/links/5bdf18b299bf1124fbb8510/Solar-powered-switched-capacitor-reduced-source-DC-link-impedance-source-inverter-system.pdf?origin=publication_detail
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10 4	Research Scholar, Aravinda Koithyar, TK Ramesh	Characterization of submicron ring oscillator using the first order design equations	2016	Communication and Signal Processing (ICCSP)	4	Amrita School of Engineering, Amrita Vishwa Vidyapeetham University			1227	1231		https://ieeexplore.ieee.org/abstract/ document/7754348/authors#author s
10 5	Research Scholar, Aravinda Koithyar, TK Ramesh	Analysis of deadbeat control for an integer-N charge-pump PLL	2015	Journal Procedia Computer Science Elsevier	3	Amrita School of Engineering, Amrita Vishwa Vidyapeetham University	70		392	398	1877-0509	https://ac.els- cdn.com/S1877050915032123/1- s2.0-S1877050915032123- main.pdf?_tid=02af937d-8479- 4591-97e8- 667f6703d395&acdnat=154322768 5_9fb50b49191cb576a71ce012510 69c23

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10 6	Research Scholar,Aravinda Koithyar, TK Ramesh	A faster phase frequency detector using transmission gate-based latch for the reduced response time of the PLL	2018	International Journal of Circuit Theory and Applications	1	Amrita School of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, India	46	4	842	854	0098-9886	https://onlinelibrary.wiley.com/doi/abs/10.1002/cta.2449
10 7	Research Scholar,Aravinda Koithyar, TK Ramesh	Frequency equation for the submicron CMOS ring oscillator using the first order characterization	2018	Journal of Semiconductors	0	Amrita School of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, India	39	5	5500 1	5500 6	1674-4926	http://www.jos.ac.cn/app/article/app/id/e909fad2-af5f-4ccc-a9c7-43f8b5d4e943?pageType=en
10 8	Research Scholar,Aravinda Koithyar, TK Ramesh	Integer-N charge pump phase locked loop with reduced current mismatch	2017	Conference Wireless Communications, Signal Processing and Networking (WiSPNET),	0	Amrita School of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, India			650	653		https://ieeexplore.ieee.org/abstract/document/8299840

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10 9	KCR Nisha, V Dharmambal, M Maheswari, A Anitha, Nikil Riyas	UCAP Powered Insulin Pump	2018	Journal of Advanced Research in Dynamical and Control Systems	0	New Horizon College of Engineering	10	1	1538	1546	1943-023X	http://www.jardcs.org/abstract.php?archiveid=4486
11 0	M Jayanthi	Comparative study of different techniques used for medical image segmentation of liver from abdominal CT scan	2016	Wireless Communications, Signal Processing and Networking (WiSPNET)	5	Research Scholar,BMS College of Engineering			1462	1465		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7566379
11 1	H. Chetan, H. Naveen, Dr.G. Indumati, Rajiv Gopal, S. Sujitha	Performance Analysis of Image Compression Using Kalman DWT	2018	Journal of Advanced Research in Dynamical & Control Systems	0	New Horizon College of Engineering	10	1	39	47	1943-023X	http://www.jardcs.org/abstract.php?archiveid=2655

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11 2	H Naveen, Reddy Sreerama	Comparative Analysis of FFT, DWT and DTCDWT based OFDM System for Underwater Acoustic Communication	2018	Journal of Advanced Research in Dynamical and Control system	0	New Horizon College of Engineering	4	12	273	281	1943-023X	http://www.jardcs.org/abstract.php?archiveid=5477
11 3	Chetan H Naveen H, Dr.Sreerama Reddy G M	High Speed OFDM based Image transmission system for Remotely Operated Underwater Vehicle (ROV)	2017	International Journal of Pure and Applied Mathematics	0	New Horizon College of Engineering	117	20	959	970	1311-8080	https://acadpubl.eu/jsi/2017-117-20-22/articles/20/87.pdf
11 4	H. Chetan, H. Naveen, Dr.G. Indumati, Rajiv Gopal, S. Sujitha	Performance Analysis of Image Compression Using Kalman DWT	2018	Journal of Advanced Research in Dynamical & Control Systems	0	New Horizon College of Engineering	10		39	47	1943-023X	http://www.jardcs.org/abstract.php?archiveid=2655

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11 5	Shankar CK, Roger Rozario AP and Ganesh C	Obliteration of Harmonics on a VSI Fed Induction Motor Drive	2016	International Journal of Applied Engineering Research	0	Sri Ramakrishna Institute of Technology	11	3	2071	2076	0973-4562	https://www.ripublication.com/Volume/ijaerv11n3.htm
11 6	Ganesh C and Patnaik SK	A simple first order compensator for brushless direct current drive based position control system	2015	Journal of Vibration and Control	0	Sri Ramakrishna Institute of Technology	21	4	647	661	1077-5463	https://journals.sagepub.com/doi/abs/10.1177/1077546313486276
11 7	Ananthababu B, Ganesh C and Pavithra CV	Fuzzy Based Speed Control of BLDC Motor With Bidirectional DC-DC Converter	2016	IEEE sponsored third International Conference on Innovations in information, Embedded and Communication Systems	0	Sri Ramakrishna Institute of Technology	1	1	1488	1493	978-1-4799-6818-3	https://ieeexplore.ieee.org/document/7916647

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12 3	J. Joshua Daniel Raj , P. Karthik , Samson Immanuel J	Access Structures used for the Implementation of Attribute Based Encryption: A Survey	2018	International Journal of Pure and Applied Mathematics	0	KS School of Engineering and Management	119	Special Issue	75	78	1311-8080	http://acadpubl.eu/hub/2018-119-14/articles/3/77.pdf
12 4	Roopa C,Dr.S.Sujitha	The Implementation of Field Oriented Control for PMSM Drive Based on TMS320F28035 DSP Controller	2017	International Journal of Applied Engineering Research	1	New Horizon College of Engineering	13	6	4403	4408	0973-4562	https://www.ripublication.com/ijaer18/ijaerv13n6_170.pdf
12 5	K.C.R. Nisha, V. Dharmambal, M. Maheswari, A. Anitha,Nikil Riyas	UCAP Powered Insulin Pump	2018	Journal of Advanced Research in Dynamical and Control Systems	-	New Horizon College of Engineering	5	Special Issue	1538	1546	1943-023x	http://www.jarcds.org/abstract.php?archiveid=4486

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12 6	A Singaravelan, M Kowsalya	Design and Implementation of Standby Power Saving Smart Socket with Wireless Sensor Network	2016	Procedia Computer Science	5	VIT University	92	Special Issue	305	310	1877-0509	https://www.sciencedirect.com/science/article/pii/S1877050916316076
12 7	A Singaravelan, M Kowsalya	A Practical Investigation on Conservation Voltage Reduction for its Efficiency with Electric Home Appliances	2017	Energy Procedia	0	VIT University	117	Special Issue	724	730	1876-6102	https://www.sciencedirect.com/science/article/pii/S1876610217324281

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128	A Singaravelan, M Kowsalya	An Effective Home Energy Management Algorithm for Residential Buildings to Reduce the Usage of Electricity During Peak Hours	2017	International Journal of Civil Engineering and Technology	6	VIT University	8	4	2077	2088	0976 - 6316	http://www.iaeme.com/IJCIET/IJCIET_Paper.asp?sno=7578
129	A Singaravelan, M Kowsalya	A novel minimum cost maximum power algorithm for future smart home energy management	2017	Journal of Advanced Research	0	VIT University	8	6	731	741	2090-1232	https://www.sciencedirect.com/science/article/pii/S2090123217301054
130	Mrs. Rajeswari S	Survey of Data and Storage Security in Cloud Computing	Dec 2017	IEEE International Conference on Circuits and Systems(ICCS 2017)			DOI: 10.1109/ICCS.2017.8325966		76	81	ISBN: 978-1-5090-6480-9,	https://ieeexplore.ieee.org/document/8325966/

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13 1	Mrs. Rafega Beham A	A Novel Approach to detect acute lymphoblastic leukemia	May 2018	IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-18),											-
13 2	Mrs. Mounica .B	BIG DATA ARCHITECTURE FOR INTELLIGENT TRANSPORT SYSTEMS	Jan 2018	IEEE International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC)											-

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13 3	Mrs. Preeti J D	An Energy Efficient on-demand routing by avoiding voids in WSNs	2013	Conference on Information system design and Intelligent Applications	5	J D Preethi, Department of Computer Science and Engineering, SIT, Tumkur, India	132	978-3-642-27443-5_29	255	263	978-3-642-27443-5_29	https://link.springer.com/chapter/10.1007/978-3-642-27443-5_29
13 4	Mrs. Gowri Prasad	Named entity recognition approaches: A study applied to English and Hindi language	2015	ICCPCT 2015(IEEE)	4	Prasad, Gowri Computer Science And Engineering, Jyothi Engineering College, Thrissur, India Fousiya, K. K. Computer Science And Engineering, Jyothi Engineering College, Thrissur, India					978-1-4799-7075-9, 978-1-4799-7074-2	https://ieeexplore.ieee.org/abstract/document/7159443

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13 5	Mrs. Gowri Prasad	Named Entity Recognition for Malayalam language: A CRF based approach	2015	Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM), 2015 International Conference -IEEE	6	Prasad, Gowri Computer Science And Engineering, Jyothi Engineering College, Thrissur, India Fousiya, K. K. Computer Science And Engineering, Jyothi Engineering College, Thrissur, India M A Kumar, K.P Soman Amritha University					978-1-4799-9855-5	https://ieeexplore.ieee.org/abstract/document/7225384
13 6	Anisha Rebinth , Dr. S. Mohan Kumar	Automated Segmentation of retinal images	2018	Journal of Advanced Research in Dynamical and Control Systems(JARDCS)	4	New Horizon College of Engineering	05- Spec ial Issu e	Special Issue	1880	1885	ISSN NO: 1943-023X	http://www.jardcs.org/abstract.php?archiveid=4726

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13 7	Dr. S. Mohan Kumar Darpan Majumder	Healthcare Solution based on Machine Learning Applications in IOT and Edge Computing	2018	International Journal of Pure and Applied Mathematics	5	New Horizon College of Engineering	119	16	1473	1484	ISSN 1314-3395	https://acadpubl.eu/hub/2018-119-16/1/142.pdf
13 8	Shreya R, Sri Lakshmi Chandru, Vivek Kumar, Shwetha M, Dr. S. Mohan Kumar, Dr Jitendranath Mungara, J. Karthikayini	Design and implementation of CNN for detecting Melanoma through image processing	2018	International Journal for Research in Applied Science and Engineering Technology	3	New Horizon College of Engineering, (DOI : 10.22214), Impact factor : 6.887	6	3	2249	2253	ISSN : 2321 – 9653	http://ijraset.com/files/serve.php?FID=14904

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139	Shreya R, Sri Lakshmi Chandru, Vivek Kumar, Shwetha M, Dr. S. Mohan Kumar, J. Karthikayini	Surveys on Detection of Melanoma through image processing Techniques	2018	International Journal for Research in applied science and Engineering Technology (IJRASET)	2	New Horizon College of Engineering	6	3	1699	1704	, ISSN : 2321 – 9653	https://www.ijraset.com/fileserve.php?FID=14529
140	Dr. S. Mohan Kumar Anisha Rebinth	Automated detection of Retinal Defects using image mining, A review	2018	European Journal of Biomedical and Pharmaceutical Sciences	2	New Horizon College of Engineering	5	1	189	194	ISSN : 2349 – 8870	http://www.ejbps.com/ejbps/abstract_id/3621
141	S. Mohan Kumar Dr.T.Kumanan	Analysis on skin Lesion classification systems and Dermoscopic Feature Analysis for Melanoma	2018	International Journal for Research in Applied Science and Engineering Technology	2	New Horizon College of Engineering	6	3	1971	1978	ISSN : 2321 – 9653	https://www.ijraset.com/fileserve.php?FID=14576

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14 2	S. Mohan Kumar, Dr.T.Kumanan	Study on skin Lesion Classifications system and Dermoscopic Feature Analysis for Melanoma	2018	International journal of Creative Research Thoughts	2	New Horizon College of Engineering	6	1	1863	1873	ISSN : 2320 – 2882,	http://ijraset.com/fileserve.php?FID=14576
14 3	S. Mohan Kumar, Dr.T.Kumanan	Skin Lesion Classification System and Dermoscopic Features Analysis for Melanoma recognition and Prevention	2018	International Journal of Emerging Technology and Advanced Engineering	3	New Horizon College of Engineering	7	8	351	357	ISSN : 2250 – 2459	https://pdfs.semanticscholar.org/fd2a/6ef173cb04f33163e59053f8f7cde0386ecb.pdf

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14 4	A.P.Nirmala	Towards Performance Improvement of Cloud Applications under Virtualized Environment using PSO based K-means++ Algorithm	Oct-Nov. 2015	International Journal of Engineering and Technology (IJET)	1	A.P.NIRMALA, NEW HORIZON COLLEGE OF ENGINEERING	7	5	1557	1563	0975-4024	http://www.enggjournals.com/ijet/docs/IJET15-07-05-310.pdf
14 5	A.P.Nirmala	<u>An Enhanced Approach for Performance Improvement using Hybrid Optimization Algorithm with K-means++ in a Virtualized Environment</u>	Dec-16	Indian Journal of Science and Technology		A.P.NIRMALA, NEW HORIZON COLLEGE OF ENGINEERING	9	48	1	6	0974-5645	http://www.indjst.org/index.php/indjst/article/view/106514

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14 6	V.Asha	Singular value decomposition of images of structural textures and their reconstruction using periodicity	Oct-18	international journal of tomography and simulation	V.Asha, NEW HORIZON COLLEGE OF ENGINEERING	31	4	86	97	0972-9976	http://www.ceser.in/ceserp/index.php/iits/article/view/5696
14 7	K.G. Madhwaraj	Empirical Comparison of two metric suites for maintainability prediction in packages of object-oriented systems:A case study of open source software	2014	Journal of Computer Science	SSN College of Engineering, Anna University	10	11	2330	2338	1549-3636	https://pdfs.semanticscholar.org/d1f8/a122454d67b5cc72600dc8c7280d603c2d28.pdf

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14 8	Madhwaraj Kango Gopal	Design quality metrics on the package maintainability and reliability of open source software	2016	International Journal of Intelligent Engineering and Systems	Vignan's Foundation for Science, Technology and Research	9	4	195	204	2185-3118	http://oaji.net/articles/2016/3603-1478910779.pdf
14 9	Yenduri Gokul, Madhwaraj Kango Gopal	An authoritative method using fuzzy logic to evaluate maintainability index and utilizability of software	2018	AMSE IIETA Advances B	Vignan's Foundation for Science, Technology and Research	60	3	566	580	1240-4543	http://iieta.org/sites/default/files/Journals/AMA/AMA_B/60.03_04.pdf
15 0	Theyyagura M. Reddy, Madhwaraj Kango Gopal	A fuzzy neural network approach for assessment and enhancing software reliability	2018	AMSE IIETA Advances B	Vignan's Foundation for Science, Technology and Research	60	3	539	550	1240-4543	http://iieta.org/sites/default/files/Journals/AMA/AMA_B/60.03_02.pdf

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15 1	Suma.T/ Murugesan.R	Artificial immune algorithm for subtask industrial robot scheduling in cloud manufacturing	2018	IOP: journal of physics	2	Suma.T, New Horizon College of Engineering	1000	1	01-Jan	8	1742-6596	http://iopscience.iop.org/article/10.1088/1742-6596/1000/1/012096/meta
15 2	Srinivasa G, Vijilius Helena Raj, A B Madhu Mohana Raju, Asha K	Decomposition of a Tadpole Graph	2018	Journal of Physics, IOP Publishing	0	New Horizon College of Engineering, Bengaluru	1000	1	0120 67-1	0120 67-6	1742-6596	http://iopscience.iop.org/article/10.1088/1742-6596/1000/1/012067/pdf
15 3	A B Madhu Mohana Raju, G Sankara Sekhar Raju, B Mallikarjuna	Unsteady nonlinear convective flow of a non-Newtonian fluid over a rotating vertical cone	2017	Materials Science and Engineering, IOP Publishing	0	New Horizon College of Engineering, Bengaluru	263	6	0620 01-1	0620 01-11	1757-899X	http://iopscience.iop.org/article/10.1088/1757-899X/263/6/062001/pdf

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15 4	D.D. PADMA PRIYA, Dr. G. SHOBHA LATHA, Dr. R. BHUVANA VIJAYA	Semigroups associated with L (R) cyclic properties	2018	IJREAM	-	D.D. PADMA PRIYA, NEW HORIZON COLLEGE OF ENGINEERING.	1	2	3		2454-9150	http://ijream.org/papers/IJREAMV04I0339192.pdf
15 5	G. Srinivasa, Vijilius Helena Raj, A. B. Madhu Mohana Raju and K. Asha	Decomposition of a Tadpole Graph	2018	IOP: journal of physics	0	G. Srinivasa, New Horizon College of Engineering	1000	1	1	6	1742-6596	http://iopscience.iop.org/article/10.1088/1742-6596/1000/1/012067
15 6	H. Kumar	HOMOTOPY PERTUBATION METHOD analysis to MHD flow of a radiative nanofluid with viscous dissipation and ohmic heating over a stretching porous plate	2018	Thermal Science, Serbia	1	H. Kumar, Ibri College of Technology, Oman	22	1B	413	422	2334-7163	http://thermalscience.vinca.rs/2018/1/105

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15 7	H. Kumar	Heat and mass transfer on isothermal inclined porous plate in the presence of chemical reaction	2017	International Journal of Pure and Applied Mathematics	0	H. Kumar, Ibri College of Technology, Oman	113	5	523	539	1314-3395	https://ijpam.eu/contents/2017-113-5/1/1old.pdf
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15 8	H. Kumar	Mixed convective – magnetohydrodynamic flow of a micropolar fluid with Ohmic heating, radiation and viscous dissipation over a chemically reacting porous plate subjected to a constant heat flux and concentration gradient	2014	Journal of Serbian Chemical Society, Serbia	7	H. Kumar, Ibri College of Technology, Oman	79	4	469	480	0352-5139	https://www.shd.org.rs/JSCS/Vol79/No4/08_5733_4600.pdf
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15 9	H. Kumar	Effects of chemical reaction in thermal and mass diffusion of micropolar fluid saturated in porous regime with radiation and ohmic heating	2016	Thermal Science, Serbia	1	H. Kumar, Ibri College of Technology, Oman	20	2	593	602	2334-7163	http://www.doiserbia.nb.rs/img/doi/0354-9836/2016/0354-98361400016K.pdf
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