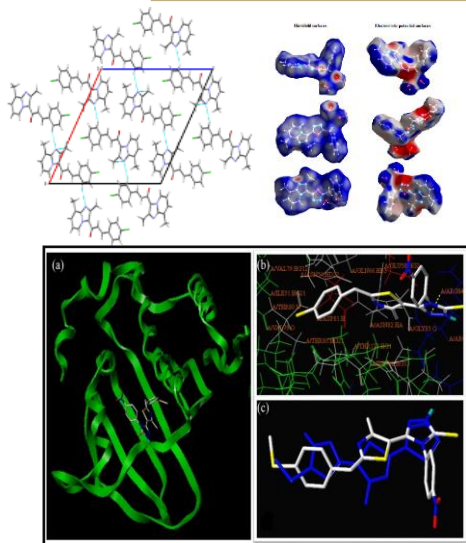


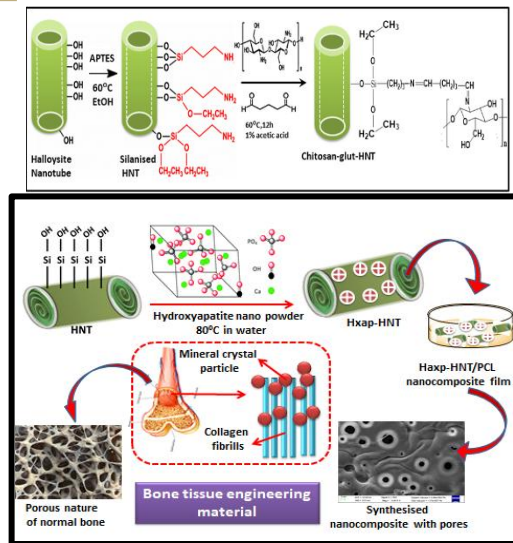
Professor G K Nagaraja Research Group

AREA OF RESEARCH

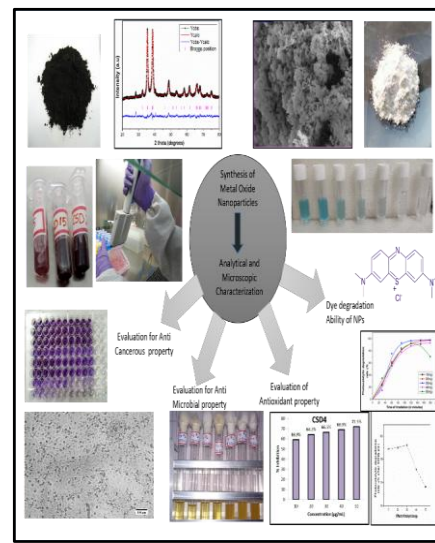
Synthetic Chemistry



Polymer Nano-Composites



Nanotechnology



The objective of our research group is to design the novel heterocyclic compounds, polymer composites films prepared through reinforcement of natural or grafted fibers/nanomaterials and to explore their biomedical applications. We also focus on utilization of naturally occurring compounds for the production of multifunctional metal oxide nanoparticles.

Dr. G. K. Nagaraja

Senior Professor

Department of Chemistry,
Mangalore University,
Magalangothri -574199
Mangalore, Karnataka, INDIA

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Google scholar profile link:

<https://scholar.google.com/citations?user=HWiNnXgAAAAJ&hl=en>

<http://mangaloreuniversity.irins.org/profile/109329>



Date of Birth : 20-07-1976

Designation : Senior Professor of Chemistry

Academic Qualifications:

Degree / Diploma	University	Year	Subjects
B.Sc	Kuvempu University	1998	P C M
M.Sc	Kuvempu University	2000	Chemistry
Ph.D	Kuvempu University	2007	Chemistry (Organic Chemistry)
CSIR-JRF/NET	UGC/CSIR	2000	Chemical Sciences
GATE	GATE	2001	Chemistry
Post Doc at University of California USA during 2013 to 2014			

Teaching/Research experience

Position	Institution	From	To
Junior research fellow	Central Food Technological Research (CFTRI) Mysore	14-09-2001	26-02-2003

Lecturer	Dept of Polymer Science, Sir M V PG Centre Mandya University of Mysore	27-2-2003	24-11-2008
Reader	Dept of Chemistry, Mangalore University	25-11-2008	24-11-2011.
Associate Professor	Dept of Chemistry, Mangalore University	25-11-2011	24-11-2014.
Professor	Dept of Chemistry, Mangalore University	25-11-2014	24-11-2024
Senior Professor	Dept of Chemistry, Mangalore University	25-11-2024	Till date

Administrative experience:

1. Chairman of the Dept of Chemistry, Mangalore University Mangalore from 01.01.2019 – 31.12.2020
2. Custodian for central evaluation of Mangalore University during December/January 2017
3. Custodian for central evaluation of Mangalore University during June/July 2018

Memberships

Member of PG BoE, PG/UG BoS, Doctoral Committee of Mangalore University, Karnataka University, Bangalore University, University of Mysore, Kuvempu University, etc.

Membership in professional bodies

- 1) Life member (LF-903) in Indian Council of Chemist.
- 2) Life member (LM-556) in society for Materials Chemistry.
- 3) Life member (LM-380) in Asian Polymer Association.

Participation in Conferences/Seminars as Resource:

- 1) Two days lecture workshop on Advances in Chemical Science held at Department of Chemistry, Mangalore University, Managalagangothri, during 4 and 5th of April 2009
- 2) Three day workshop on Cheminformatics and Approaches in Drug Design held on 11-13th December 2009, VIT University, Vellore, Tamil Nadu.
- 3) Invited talk on Design, synthesis and evaluation of novel condensed quinolines as antimicrobial agents” 3rd International conference for young chemists 2010, held at Penang, Malaysia during 23-25th, June 2010.
- 4) Short term course for Research Guides in sciences held on 22-27, Nov-2010, ASC, University of Kerala, Thiruvananthapuram, Kerala

- 5) Chaired the session in Third international conference on natural polymers (ICNP-2012) held at Mahatma Gandhi University, Kottayam, Kerala, India on October 26-28th 2012.
- 6) Invited talk on Studies on modified cellulose fiber based biocomposite” Third international Conference on natural polymers (ICNP-2012) held at Mahatma Gandhi University, Kottayam, Kerala, India on October 26-28th 2012.
- 7) Taught one course on Organic Spectroscopy, Winter Quarter 2014 during January 2014 to March 2014 in University of California, Davis, United States of America.
- 8) Invited talk on Synthesis of novel pyrazole analogues by Knovegnal reaction and evaluation of anticonvulsant and analgesic property” World research journals conference held at Dubai UAE during 7- 8th December 2015
- 9) Invited talk on Thermal, mechanical and morphological characteristics of silk fibrereinforced PVA and PVP hybrid composite films” International Conference on Advances in Science and Engineering held at Regent’s International College, Bangkok, Thailand during 20- 22nd January 2017.
- 10) Chaired the session in International Conference on Advances in Science and Engineering held at Regent’s International College, Bangkok, Thailand during 20- 22nd January 2017.
- 11) Invited lecture in the five days e-workshop on Advancements in the Molecular World: Materials and Catalysis (AMWMC-2021) organized by the Department of Chemistry, NITK Surathkal during February 15-19, 2021.
- 12) Invited lecture in the Faculty Enrichment Programme on Emerging Fields in Chemical Sciences on the topic “ Development of Polymer Nanocomposites using functionalized Halloysite Nanotubes for Biomedical applications” Materials and Catalysis (AMWMC-2021) by online mode organized by the Postgraduate and Research Department of Chemistry, Vivekananda College, Tiruvedakam West, Madurai District during March 22nd, 2021.
- 13) Invited lecture on “Dioxygen Transport and storage” in webinar organized by the Department of Chemistry, Siddaganga College, TumkurduringAugust23rd, 2021.

Conferences/Workshops/Seminars/Webinars Organized

- 1) Chairman, International webinar on Prospectives of Entrepreneurship for Chemists (PEC 2020) held on 17th-19th December, 2020
- 2) Chairman, International webinar on Frontier Research in Chemical Sciences 2020, held on 10th-12thSeptember, 2020
- 3) Chairman, Three Day International Conference on Recent Advances in Chemical and Materials Sciences (ICCM-2019), 2019.

- 4) Organizing member in International Conference on Synthetic and Structural Chemistry (ICSSC-2011), 2011.
- 5) Organizing member in International Conference on Current Trends in Industrial Electrochemical Science & Technology (ICRAIEST-2009), 2009.
- 6) Organizing member of Three day International Conference on Frontiers in Chemical Research (ICFCR-2008), 2008.

Awards and Recognitions

- Received Raman Post-Doctoral Fellowship of UGC New Delhi to carry out postdoctoral work at University of California Davis (UC DAVIS) during September 2013 to Sep-2014
- Worked as Junior Research Fellow (CSIR-JRF) at Central Food Technological Research Institute, Mysore during 14-09-2001 to 14-02-2003
- Received UGC-CSIR-JRF fellowship in CSIR-JRF in 2000.
- Passed GATE Exam under Chemical Science in 2001.

Patents:

1. Indian patent published entitled “Biodegradable blend film derived from Polycaprolactone and guar gum blend for packaging application”, Sudhakar Y N, Sumana V S, Anitha Varghese, **Nagaraja G. K.** Application no 202141012114 A, Publication date 02/04/2021.

RESEARCH GROUP



2018 - PRESENT

Research Publications:**Total Research Articles: 113**

Paper presented in conferences: 73 (Oral+Poster)

h-index: 25 (Citations: 1721)

i10-index: 54

Research Areas of Interests:

- Nanotechnology
- Heterocyclic and Medicinal Chemistry
- Polymeric films
- Polymer composites

No. of Ph.D.'s awarded	No. of Research Scholar's currently working	No. of Publications	Impact factor range	Articles Published in Journals include
14	06	113	0-11.5	ChemSusChem, RSC Advances, International Journal of Biological Macromolecules, JAMS, ChemistrySelect, . Ceramic Int. Mater Sci Eng C

Books Chapters:

Sl.No	Title	Author's Name	Publisher	Year of Publication
1	Preparation and Properties of Composite Films from Modified Cellulose Fiber-Reinforced with Different Polymers	Sandeep S Laxmishwar and G K Nagaraja	Apple Academic Press Inc, USA. CRC Press, Taylor & Francis Group	2014
2	A Review on Pyrazol Hybrid Entity and Its Biological Properties.	S Viveka and G K Nagaraja	Nova Science Publishers New York	2017
3	Review: An Experimental (Synthesis, NMR and Crystallography) and Theoretical Study of Three Biologically Active Diazoles.	Dinesh and G. K. Nagaraja	Nova Science Publisher New York	2018
4	Development, Characterization and Properties of Silk Fibre and Grafted Silk Fibre Reinforced Polymer Composite Films	Sareen Sheik and Gundibasappa Kar ikannar Nagaraja	Intech Open DOI: http://dx.doi.org/10.5772/intechopen.85022	2019

Reviewer of the International journals:

- ✓ European Journal of Medicinal Chemistry- Elsevier publications
- ✓ Journal of Applied Polymer Science-Wiley publication
- ✓ Medicinal Chemistry Research-Springer publication

Research Collaborations

- Prof Mark Mascal University of California, Davis USA
- Dr Prashanth Kalappa, Adichunchangiri University, Mandya.
- Dr Ahsan-Ul-HaqQurashi, King Fahd University of Petroleum and Minerals, Saudi Arabia
- H. K. Fun, X-ray Crystallography Unit, School of Physics, Universiti Sains Malaysia, Department of Biochemistry, K S Hegde Medical Academy, Deralakatte, Mangalore.
- Department of Pharmacology, NGSM Institute of Pharmaceutical Sciences, Paneer Deralakatte, Mangalore.
- Department of Microbiology, K.M.C., Mangalore.
- Department of Biochemistry, Yenepoya University, Deralakatte, Mangalore.
- Department of Microbiology, University of Mysore, Mysore
- Department of Biochemistry, Bangalore University, Bangalore

Research Projects

Sl. No	Title	Date of start & Date of completion	Cost (Rs. in lakhs)	Agency & Ref. No.
1.	Synthesis of Novel Heterocycles Fused with Azetidinone of Biological Importance	1-2-2011 and 1-2-2014	2.46	UGC Major Research Project F. No: 39-694/2010(SR)
2.	Surface modified halloysite nanotubes composite for biological and catalytic applications	2019-20	5.00	VGST (Research Grant for Scientist/Faculty (RGS/F))

PRESENT RESEARCH GROUP



Shabeena.M.
Research scholar
B.Sc.: PCM, Mangalore University (2013),
M.Sc.: Applied chemistry Mangalore University (2015),
Ph.D.: 2019 present
Research interests: Polymer nanocomposites
DOM fello



G.S.Salunke
Research Scholar
Station Chemist, KGS-3&4
Nuclear Power Corporation of India Ltd
Kaiga Site, Karwar, Karnataka
Research Interests: Nuclear Chemistry



Jayalakshmi Shedthi A
Research Scholar
B.Sc.: PCM, Dr G Shankar Women's First grade degree college, Ajjarkadu, Udupi (2017)
M.Sc.: Chemistry, Mangalore University (2019)
Ph.D.: 2022 present
Research interest: Nanotechnology



Adithi.N
Research Scholar
BSc:(CBZ), Vivekananda college of arts , science and commerce, puttur(2014)
MSc: Chemistry, Vivekananda college of postgraduate, puttur(2016)
KSET:2020
PhD: 2021 (present)
Research interest: Super capacitors



Latha
Research Scholar
B.Sc.: PCM, Vivekananda College, Puttur
M.Sc.: Chemistry, Mangalore University (2011)
K.SET: 2015
Ph.D.: 2022 present
Research interest: Nanotechnology







Babitha M E
Research Scholar
BSc: PCM, St Agnes College Mangalore (2014)
MSc: Mangalore University (2016)
Ph.D., : 2023
Research Interest: Polymer Nanocomposites





Akshatha J Shetty
Research Scholar
BSc: CBZ, Sri Bhuvanendra College
Karkala Udupi (2013)
MSc: Chemistry, Alva's college
(2015)
Ph.D: 2023
Research Interest: Polymer
Nanocomposites

Research Scholars – Ph.D. Degree awarded

Sl. No	Research Scholar	Title of the Thesis	Ph.D Awarded
1.	 <p>Dr Sandeep S Laxmeshwar</p>	“Synthesis of Polymeric Film Composite And Their Mechanical Characterization”	2013
2.	 <p>Dr. Viveka S</p>	“Synthesis characterization and biological evaluation of some pyrazole based heterocycles”	2016
3.	 <p>Dr Dinesha</p>	“Synthesis And Biological Activity of Nitrogen and Sulfur Containing Heterocycles”	2018
4.	 <p>Dr Reshma Kayarmar</p>	“Design, synthesis and evaluation of novel nitrogen heterocycles of biological importance”	2015

5.	 <p>Dr. Manjunatha Bhat</p>	<p>“Studies on synthesis, characterization and biological evaluation of some five member containing heterocycles”</p>	2019
6.	 <p>Dr Sareen Sheik</p>	<p>“Preparation and Characterization of Natural Fibre Reinforced Biocomposite Films”</p>	2019
7.	 <p>Dr R Santhosh</p>	<p>“Synthesis, characterization and pharmacological evaluation of the novel heterocycles containing two or more hetero atoms and fused ring systems”</p>	2019
8.	 <p>Dr Sharanya Kuthyala</p>	<p>“Studies on Design, Synthesis, Characterization of Novel Heterocyclic Compounds And Their Pharmacological Activities”</p>	2020

Sl. No	Research Scholar	Title of the Thesis	Ph.D Awarded
9	 <p>Dr Josline Neetha D'Souza</p>	“STUDIES ON SYNTHESIS, CHARACTERIZATION OF METAL OXIDE NANOPARTICLES AND THEIR MULTI-FUNCTIONAL BIOLOGICAL APPLICATIONS”	2022
10.	 <p>Dr Sabia Kouser</p>	“STUDIES ON POLYMER-HALLOYSITE NANOTUBE FILM COMPOSITES AND THEIR BIOMEDICAL APPLICATIONS”	2022
11.	 <p>Dr Meghana Navada K</p>	“GREEN SYNTHESIS OF METAL OXIDE NANOPARTICLES: A FLEXIBLE INTERFACE FOR BIOLOGICAL, ENVIRONMENTAL AND CATALYTIC APPLICATIONS”	2022
12	 <p>Mrs. Sumana V</p>	DEVELOPMENT AND CHARACTERIZATION OF POLYMER ELECTROLYTES AND THEIR APPLICATION IN ENERGY DEVICE	2023

13		A Study of Extracts of Arecanut as Corrosion Inhibitors	2024
14		Preparation and Characterization of Functionalised Halloysite nanocomposite for Bio-medical Application	2025

RESEARCH PUBLICATIONS

Sr. No	PAPER
1	Gundibasappa K Nagaraja , Marlingaplara N Kumarswamy, Vijayavittala P Vaidya & Kittappa M Mahadevan (2006). <i>Microwave assisted synthesis of naphtho[2,1-b]furan- 1,3,4-benzotriazepines: A potent antimicrobial agent</i> . ARKIVOC , (X), 211-219.
2	Gundibasappa K Nagaraja , Vijayavittala P Vaidya, Koodamara Sheshappa Rai & Kittappa M Mahadevan (2006). <i>An efficient synthesis of 1,5-thiadiazepines & 1,5- benzodiazepines by microwave assisted Heterocyclization. Phosphorus, Sulfur and Silicon and the Related Elements</i> , 181, 2797-2806.
3	G. K. Nagaraja , G. K. Prakash, V. P. Vaidya & K. M. Mahadevan (2006). <i>Microwave Assisted synthesis of novel 5-aryl-1,2,4-triazolo[3,4-b] [1,3,4] thiadiazepino[3,2-f] quinolines: A potent antimicrobial agents. Indian J of Heterocyclic Chem</i> , 15, 311-312.
4	G. K. Nagaraja , M. N. Kumarswamy & K. M. Mahadevan (2006). <i>Synthesis of novel naphtho[2,1-b]fuopyrazoles as antimicrobial agents. Indian J of Heterocyclic Chem</i> , 16, 89-90.
5	Mahadevaiah, T. Demappa & G. K. Nagaraja (2006). <i>Polymerization of Acrylonitrile initiated by Ce(IV)-Tartaric acid redox system: A kinetic study. Journal of Saudi Chemical Society</i> , 10, 311-312.

6	Gundibasappa K Nagaraja , Gowdara K. Prakash, Nayak D. Satyanarayan, Vijayavittala P Vaidya & Kittappa M Mahadevan (2006). <i>Synthesis of novel 2-aryl-2,3dihydronaphtho[2,1-b]furo[3,2-b]pyridin-14(1H)-ones of biological importance</i> . ARKIVOC , (XV) 142-152.
7	Gundibasappa K Nagaraja , Gowdara K. Prakash, Marlingaplara N Kumarswamy, Vijayavittala P Vaidya & Kittappa M Mahadevan (2006). <i>Synthesis of novel nitrogen containing naphtho[2,1-b]furan derivatives and investigation of their antimicrobial activities</i> . ARKIVOC , (XV) 160-168.
8	G. K. Nagaraja , T. Demappa & Mahadevaiah (2008). <i>The Study of Free Radical Polymerization of Acrylonitrile by Oxidation Reduction System using Potassium Persulphate- Thiourea in Aqueous Medium</i> . Journal of Applied Polymer Science , 110, 3395-3400.
9	Nagendra Prasad M. N. Vivek H. K. Ashwini Prasad, Shrythi.T., Shankara Bhat S, Nagaraja G. K. & Nanjunda Swamy S (2010). <i>Antifungal activities of novel synthetic compounds against Phomopsis azadirachtae-the causative agent of die-back disease of neem</i> . Journal of chemical and Pharmaceutical Research , 2, 567-574.
10	G. K. Nagaraja , T. Demappa & Mahadevaiah (2011). <i>Polymerization Kinetics of Acrylonitrile by Oxidation:Reduction System Using Potassium Persulfate/Ascorbic Acid in an Aqueous Medium</i> . Journal of Applied Polymer Science , 121, 1299–1303.
11	H. K. Fun, M. Hemamalini, D. J. Prasad, G. K. Nagaraja & V. V. Anitha (2011). 6-(4-Chlorophenyl)-2-isobutylimidazo[2,1-b][1,3,4]thiadiazole. Acta Cryst. E67, o207.
12	H. K. Fun, V. Sumangala, G. K. Nagaraja , B. Poojary & S. Chantrapromma (2011). Benzyl N-{2-[5-(4-chlorophenyl)-1,2,4-oxadiazol-3-yl]propan-2-yl}carbamate. Acta Cryst. E67, o420-o421.
13	W. S. Loh, H. K. Fun, R. Kayarmar, S. Viveka & G. K. Nagaraja (2011). 4-Chlorobenzaldehyde(1-isobutyl-1H-imidazo[4,5-c]quinolin-4-yl)hydrazone monohydrate Acta Cryst. E67, o407-o408.
14	W. S. Loh, H. K. Fun, R. Kayarmar, S. Viveka & G. K. Nagaraja (2011). 4-Hydrazinyl-1-isobutyl-1H-imidazo[4,5-c]quinoline. Acta Cryst. E67, o406.
15	W. S. Loh, H. K. Fun, R. Kayarmar, S. Viveka & G. K. Nagaraja (2011). 1-Isobutyl-N,N-dimethyl-1H-imidazo[4,5-c]quinolin-4-amine. Acta Cryst. E67, o405.
16	H. K. Fun, S. Chantrapromma, V. Sumangala, G. K. Nagaraja & B. Poojary (2011). 1-{4-Chloro-2-[2-(2-fluorophenyl)-1,3-dithiolan-2-yl]phenyl}-2-methyl-1H-imidazole-5-carbaldehyde. Acta Cryst. E67, o496-o497.
17	H.-K. Fun, M. M. Rosli, D. J. M. Kumar, D. J. Prasad & G. K. Nagaraja (2011). 2-Methyl-6-(trifluoromethyl)imidazo[1,2-a]pyridine-3-carbonitrile. Acta Cryst. E67, o573.
18	H. K. Fun, C. K. Quah, S. Viveka, D. J. Madhukumar & G. K. Nagaraja (2011). 2-[(E)-(2,4-

	<i>Dimethylphenyl)iminomethyl]phenol</i> . ActaCryst. E67, o1933.
19	H. K. Fun, T. Shahani, Dinesh, R. Kayarmar& G. K. Nagaraja (2011). <i>3-[(1-Isobutyl-1H-imidazo[4,5-c]quinolin-4-yl)amino]benzoic acid</i> . ActaCryst. E67, o2150.
20	PrabhuswamyMallappa, Sandeep Sadanand Laxmeshwar, Madan Kumar Shankar, Manjula Mallappa, Ranganathan Sathish Kumar, Gundibasappa K. Nagaraja &Neratur K. Lokanath(2011). <i>Synthesis, Characterization and Crystal Structure of 8-methoxy-2-methylquinoline-4-ol: a Window into the World of Quinoline Modifications</i> . Structural Chemistry Communications ,2, 114-117.
21	H.-K. Fun, C. K. Quah, S. Viveka, D. J. Madhukumar& G. K. Nagaraja (2011). <i>2-[(E)-(2,4,6-Trichlorophenyl)iminomethyl]phenol</i> . ActaCryst. E67, o1934.
22	H.-K. Fun, S. Arshad, Dinesh, S. Vivek& G. K. Nagaraja (2011). <i>1-(tert-Butoxycarbonyl)piperidine-4-carboxylic acid</i> . ActaCryst. E67, o2215.
23	H.-K. Fun, S. Arshad, Dinesha, S. Laxmeshwar& G. K. Nagaraja (2011). <i>Bis(4-fluoroanilinium) sulfate</i> . ActaCryst. E67, o2408.
24	H.-K. Fun, W.-S. Loh, Dinesha, R. Kayarmar& G. K. Nagaraja (2011). <i>1-Isobutyl-4-methoxy-1H-imidazo[4,5-c]quinoline</i> . ActaCryst. E67, o2331.
25	H.-K. Fun, W.-S. Loh, R. Kayarmar, Dinesha& G. K. Nagaraja (2011). <i>(E)-4-Phenylbutan-2-one oxime</i> . ActaCryst. E67, o2332.
26	H.-K. Fun, T. S. Chia, R. Kayarmar, Dinesha& G. K. Nagaraja (2011). <i>2-Azido-1-(3,6-dichloro-9H-fluoren-1-yl)ethanone</i> . ActaCryst. E67, o2656-o2657.
27	H.-K. Fun, M. Hemamalini, V. Sumangala, G. K. Nagaraja &B. Poojary (2011). <i>N'-(4-Fluorobenzylidene)-2-(4-fluorophenyl)acetohydrazide</i> . ActaCryst. E67, o2835.
28	S. Laxmeshwar, S. Viveka, D. J. Madhukumar, & G. K. Nagaraja (2012). <i>Preparation and Properties of Biodegradable Film Composites Using Modified Cellulose Fibre-Reinforced with PVA</i> . ISRN Polymer Science ,2012, Article ID 154314, 8 pages.
29	S. Laxmeshwar, S. Viveka, D. J. Madhukumar, & G. K. Nagaraja (2012). <i>Preparation and Characterization of Modified Cellulose Fiber-Reinforced Polypyrrolidone Film Composites</i> . Inventi Rapid: Pharm Tech. , Vol. 2012, Issue 2.
30	S. Laxmeshwar, S. Viveka, D. J. Madhukumar, & G. K. Nagaraja (2012). <i>Preparation and properties of composite films from modified cellulose fibre- reinforced with PLA</i> . Der Pharma Chemica ,159-168.
31	S. Laxmeshwar, S. Viveka, D. J. Madhukumar, Dinesha, R. F Bhajanthri, & G. K. Nagaraja (2012). <i>Preparation and Characterization of Modified Cellulose Fiber-Reinforced Polyvinyl Alcohol/Polypyrrolidone Hybrid Film Composites</i> . Journal of Macromolecular Science, Part A: Pure and Applied Chemistry ,49, 639-647.

32	S. Laxmeshwar, S. Viveka, D. J. Madhukumar, Dinesha, G. R. Sunil, & G. K. Nagaraja (2012). <i>Preparation and Characterization of Hybrid Green Composite From Modified Cellulose Fiber with PVA and PLA. Inventi Rapid: Pharm Tech</i> , 2012, Article ID "Inventi:ppt/545/12.
33	S. Viveka, Dinesha, S. S. Laxmeshwar & G. K. Nagaraja , (2012). <i>Ethyl 7-Methyl-5-(4-methylphenyl)-3-oxo-2-([3-(3,4-dichlorophenyl)-1-phenyl-1H-pyrazol-4-yl]methylidene)-2,3-dihydro-5H-[1,3]thiazolo[3,2-a]pyrimidine-6-carboxylate. Molbank</i> , M776
34	H. K. Fun, W. S. Loh, S. Viveka, Dinesha & G. K. Nagaraja (2012). <i>2-(4-Methoxyphenyl)-2-oxoethanaminium chloride. Acta Cryst.</i> E68, o2987.
35	H. K. Fun, W. S. Loh, M. Bhat, T. Arulmoli & G. K. Nagaraja (2012). <i>(2E)-1-[2,3-Dichloro-6-methyl-5-(trifluoromethyl)phenyl]-2-(1-phenylethylidene)hydrazine. Acta Cryst.</i> E68, o3189.
36	Dinesha, S. Viveka, S. S. Laxmeshwar, G. K. Nagaraja , (2012). <i>1-{4-[(1-Isobutyl-1H-imidazo[4,5-c]quinolin-4-yl)amino]phenyl}ethanone. Molbank</i> , M788.
37	H. K. Fun, Chin Wei Ooi, Dinesha, S. Viveka & G. K. Nagaraja (2013). <i>(Z)-N-[2-(N-Hydroxycarbamimidoyl)-phenyl]acetamide. Acta Cryst.</i> E69, o370-o371.
38	M. Prabhuswamy, S. Viveka, S. Madan Kumar, G. K. Nagaraja & N. K. Lokanatha (2013). <i>4-(4,5-Diphenyl-1H-imidazol-2-yl)-N,N-dimethylaniline. Acta Cryst.</i> E69, o1006.
39	R. Kayarmar, G. K. Nagaraja , M. Bhat, P. Naik, K. P. Rajesh, S. Shetty, T. Arulmoli (2013). <i>Synthesis of azabicyclo [4.2. 0] octa-1, 3, 5-trien-8-one analogues of 1H-imidazo [4, 5-c] quinoline and evaluation of their antimicrobial and anticancer activities. Med. Chem. Res.</i> 23, 2964-2975.
40	S. Viveka, M. Prabhuswamy, Dinesha, N. K. Lokanatha & G. K. Nagaraja (2014). <i>Synthesis, Crystal Structure, and Characterization of New 2,4,5-Triphenyl Imidazole: 4,5-Diphenyl-2-(3,4,5-trimethoxyphenyl)-1H-imidazole. Mol. Cryst. Liq. Cryst.</i> 588, 83-94.
41	S. Viveka, M. Prabhuswamy, Dinesha, N. K. Lokanatha & G. K. Nagaraja (2013). <i>Synthesis, Characterization, Crystal Structure and Antimicrobial Evaluation of 2-(4-Methylphenyl)-2-oxoethyl Isonicotinate. Journal of Single Molecule Research</i> , 1, 19-24.
42	M. Prabhuswamy, Dinesha, S. Madan Kumar, G. K. Nagaraja , and N. K. Lokanath (2013). <i>Synthesis, Crystal Structure and Characterization of (Z)-2-N'-hydroxyisonicotinamidine. Mol. Cryst. Liq. Cryst.</i> 593, 243-252.
43	S. Viveka, M. Prabhuswamy, Dinesha, N. K. Lokanatha & G. K. Nagaraja (2014). <i>Synthesis Characterization and Crystal Structure of 2-(3,4,5-trimethoxyphenyl)-1-(4-fluorophenyl)-4,5-diphenyl-1H-imidazole. Mol. Cryst. Liq. Cryst.</i> 593, 261-270.
44	Dinesha, S. Viveka, P. Naik, G. K. Nagaraja (2014). <i>Synthesis, characterization of new imidazoquinonyl chalcones and pyrazolines as potential anticancer and antioxidant agents. Med.</i>

	Chem. Res. 23, 4189-4197.
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Papers presented in conference and seminars:

1. G.K Nagaraja "An efficient synthesis of 1,5-thiadiazepines & 1,5-benzodiazepines by microwave assisted Heterocyclization" 23rd annual conference of Indian council of chemist held at K. C. Collage, Churchgate, Mumbai during October, 29-31st 2004.
2. G.K Nagaraja "Microwave assisted synthesis of naphtho[2,1-b]furan-1,3,4-benzotriazepines: A potent antimicrobial agent" National Conference on "Chemical Science for Industry and Society, Emerging trends for the third Millennium, held at Kuvempu University January, 6-8th 2006.
3. G.K Nagaraja "Redox Polymerization of Acrylonitrile Initiated by Potassium Persulphate- Thiourea in aqueous Sulphuric acid Medium: A kinetic study" National Conference on "Emerging Areas in Chemical and Biological Sciences (NCEACB-2007) held at Kuvempu University during March, 23-24rd 2007.
4. G.K Nagaraja "Microwave assisted synthesis of naphtho[2,1-b]furanpyrimidine-2(H)- thiones: A Potential antimicrobial agents" International Conference on Recent Advances in Industrial Electrochemical Science and Technology, held at Mangalore University, Mangalore (ICRAIEST-2009) during November, 5-7th 2009.
5. G.K Nagaraja "Design, synthesis and evaluation of novel condensed quinolines as antimicrobial agents" 3rd International conference for young chemists 2010, held at Penang, Malaysia during June, 23-25th 2010.

6. G.K Nagaraja "Synthesis and screening of pharmacological activities of novelquinoline condensed hydrozones" National Confer2ence on Social Relevance of Chemical Sciences (SRCS-2011), held at Kuvempu University duringMarch,26-27th2011.
7. Kayarmar Rand G.K Nagaraja "Design, Synthesis and evaluation of Novel Condensed Quinolines as Antimicrobial Agents" National Conference on Social Relevance of Chemical Sciences" held at Kuvempu University, Shimoga during March,26- 27th2011.
8. G.K Nagaraja "Mechanical, moisture absorption, and biodegradation behaviors of modified cellulose fibre-reinforced with PVA and PP hybrid biocomposites" 5th National conference on plastic and rubber technology, held at S. J. College of Engineering, Mysore, duringApril, 25- 26th2011.
9. G.K Nagaraja "Synthesis and evaluation of biological activities of novel quinoline condensed hydrozones and azetidinones"13th International conference of the international academy of physical sciences, held at University of petroleum and energy studies, DehardunduringJune, 14-16th2011.
10. G.K Nagaraja "Mechanical and barrier performance of surface modified cellulose fiber- reinforced with PVA and PLA green composites" International conference on synthetic and structural chemistry held at Mangalore University, Mangalore during December,8-10th2011.
11. KayarmarR,G. K Nagaraja and Arul Moli T "Synthesis and Evaluation of Pharmacological activities of Azetidinone derivatives" International Conference on Synthetic and Structural Chemistry" held at Mangalore University, Mangalagangothri in Mangalore duringDecember, 8 -10th2011.
12. G.K Nagaraja "Mechanical, moisture absorption, permeability and biodegradation behaviours of modified cellulose based bio-composite" National conference on green and sustainable chemistry, (NCGSC-2012) held at University College of science, Tumkur University during February,25th2012.
13. G.K Nagaraja "Synthesis, characterization of novel azetidinone derivatives and new insight into their antimicrobial and anticancer activity" National Conference on impact of chemical biology on society (NCICBS-2012) held at Kuvempu University, Shankaraghatta, Shimoga during April,26-27th2012.
14. G.K Nagaraja "Studies on modified cellulose fiber based biocomposite" Third international conference on natural polymers (ICNP-2012) held at Mahatma Gandhi University, Kottayam, Kerala, India on October, 26-28th2012. (Delivered Invited talk and Chaired the session)
15. G.K Nagaraja "Simple synthesis of 1,2,4-triazole from hydrozone and their biological evaluation" International conference on recent advances in material science and technology (ICRAMST-13) held at national institute of technology Karnataka, Surathkal, India during January, 17-19th 2013.
16. S. Viveka, Dinesha and G. K Nagaraja "Synthesis and Spectral Studies on Some New Series of Pyrazolylpyrazolines Containing heterocycles" International Conference on Recent Advances in Material Science and Technology- (ICRAMST-2013) held at NITK Surathkal, Mangalore, India during January, 17-19th2013.
17. Dinesha, S Viveka and G. K NagarajaSynthesis, spectral characterization and biological evaluation of some new series of [1,3,4]-oxadiazolesInternational Conference on Recent Advances in Material Science and Technology-2013 (ICRAMST-2013) held at NITK Surathkal, Mangalore, India, during January, 17-19th 2013.
18. Manjunatha Bhat, G. K Nagaraja and T Arulmoli, Synthesis and characterization of some [1,2,3]-triazolechalcone derivatives International Conference on Recent Advances in Material Science and Technology-2013 held at NITK Surathkal, Mangalore, India during January, 17- 19th 2013.
19. S. Viveka, Dinesha and G.K Nagaraja "Synthesis, Characterization and Antimicrobial Studies of Some Disubstituted [1,3,4]-Oxadiazole Carrying Pyrazole moiety" International Conference on Drug Development for Orphan/Neglected Diseases (CTDDR-2013) held at CSIR-Central Drug Research Institute, Lucknow, India during February, 26-28th2013.

20. Dinesha, S Viveka and G.K Nagaraja "Synthesis and biological evaluation of some new pyrazoline derivatives carrying imidazoquinoline moiety" International Symposium on Drug Development for Orphan/Neglected Diseases-2013 (CTDDR-2013) held at CSIR-Central Drug Research Institute, Lucknow, India, during February, 26-28th 2013.
21. Manjunatha Bhat, G. K Nagaraja and T Arulmoli , Synthesis, Characterization and Biological Evaluation of some 2,5-disubstituted [1,3,4]-Oxadiazole derivatives International Conference on Drug Development for orphan/Neglected Diseases held at CSIR Lucknow India during February, 26-28th2013.
22. G.K Nagaraja "Synthesis, spectral and biological evaluation of some new series of [1,3,4]-oxodiazoles" National conference on Frontiers and Challenges in Biological Orgnometallic Compounds (FCBOM-2013) held at M. S. Ramaiah Institute of Technology, Bangalore, India duringJune, 20-21th2013.
23. G.K Nagaraja "Synthesis and characterization of new series of pyrazole containing 1,4-dihydropyridines and 3,4-Dihydropyrimidinones heterocycles" Chemical research society of India (CRSI) Mid-Year Symposium 2013 held at Dept of Chemistry, National Institute of Technology Karnataka SurathkalduringJuly, 12-13th 2013.
24. S. Viveka, Dinesha and G.K Nagaraja "Synthesis Characterization and Biological Activity of Pyrazole containing [1,3,4] and [1,2,4] oxadiazole derivatives" International Conference on Chemical Biology Disease Mechanisms and Therapeutics (ICCB-2014) held at CSIR-Indian Institute of Chemical Technology Hyderabad, India during February, 06-08th 2014.
25. Manjunatha Bhat, G. K Nagaraja and T Arulmoli "Synthesis, Characterization and Pharmacological Evaluation of some Novel [1,2,3]-Triazolylpyrazole derivatives" International Conference on Chemical Biological Diseases Mechanism and Therapeutics (ICCB-2014) held at CSIR-Indian Institute of Chemical Technology Hyderabad, India duringFebruary, 06-08th2014.
26. Dinesha, S Viveka and G. K Nagaraja "Synthesis and biological studies on new fluorine containing hydroxypyrazolines" International Conference on Chemical Biology Disease Mechanisms and Therapeutics-2014 (ICCB-2014) held at CSIR-Indian Institute of Chemical Technology, Hyderabad, India, during February,06-08th2014.
27. Dinesha, S Viveka, S K Prasanna and G. K Nagaraja "Synthesis and biological studies on some new series of fluorine containing oxadiazoles"International Conference on Emerging Frontiers and Challenges in Chemistry-2014 (ICEFCC-2014) held at Department of Chemistry, All Saint's College, Thiruvananthapuram, Kerala, India, during February,17-18th 2014.
28. Sharanya K and G. K Nagaraja "Synthesis, Characterization and Biological Evaluation of Some Oxadiazole Derivatives" International Science Congress held at Pacific University, Udaipur Rajasthan on December 8- 9th2014.
29. Dinesha, S Viveka, P Naik, V K Ravi and G. K Nagaraja "Synthesis and pharmacological activities of some new triazolothiadiazoles bearing Imidazo[1,2-a]pyridinemoiety"National Conference on Pure and Applied Chemistry-2014 (NACOPAC-2014) held at Department of Studies in Chemistry, University of Mysuru, Mysuru, India, during December 29-31th 2014.
30. Sareen Sheik and G.K Nagaraja"Thermal, Morphological and Degradation Characteristics of Silk fibre Reinforced PVA Composite Films" National Conference on Pure and Applied Chemistry (NACOPAC-2014) held at Dept. of Chemistry, Manasagangothri, Mysore duringDecember, 29-31st2014. (Poster) – **Best poster presentation**
31. G.K Nagaraja "Synthesis of novel pyrazole analogues by Knovegnal reaction and evaluation of anticonvulsant and analgesic property" World research journals conference held at Dubai UAE during December,7- 8th 2015.

32. G.K Nagaraja "Design, Synthesis, Analgesic and Antibacterial studies of new triazolothiadiazoles bearing imidazo[1,2-a] pyridine moiety" 6th international symposium on current trends in drug discovery and research held at CDRI Lucknow during February,25-28th 2016.
33. R Santosh and G. K Nagaraja "Design, Synthesis, and Pharmacological Studies Of Some New 1,3,4-Oxadiazole bearing 1,3-thiazole moiety" International Conference on Current trends in Drug Discovery and Research (CTDDR-2016) held at CSIR Lucknow, India during February,25-28th 2016.
34. Sharanya K, G. K Nagaraja and Vishma B. L "Synthesis and Radical Scavenging Activity of Some New Imidazopyridine Derivatives" International Conference on Science and Technologies; Future Challenges and Solutions (STFCS-2016) held at Mysore University on August, 8-9th 2016.
35. Sareen Sheik, Sana Sheik, G. K Nagaraja and K.R. Chandrashekhar "Thermal, morphological and antibacterial properties of chitosan grafted silk fibre-reinforced PVA composite films" International Conference on Smart Engineering Materials (ICSEM-2016) held at R.V. College of Engineering, Bengaluru during October, 20- 21st 2016.
36. R. Santosh and G.K Nagaraja "Synthesis, Characterization and anticancer studies of some novel Oxadiazoles containing thiazole moiety" 9th KSTA Annual conference on Science, Technology and Innovations in the 21st century held at Christ College, Bangalore, Karnataka 2016.
37. G.K Nagaraja "Thermal, mechanical and morphological characteristics of silk fibre- reinforced PVA and PVP hybrid composite films" International Conference on Advances in Science and Engineering held at Regent's International College, Bangkok, Thailand during January,20-22nd 2017. (Delivered Invited talk and Chaired the session)
38. R. Santosh and G. K Nagaraja "Synthesis Characterization and Anticancer Studies of some novel Hydroxypyrazoline containing Pyridine and Thiazole moieties" ICASE-2017 held at Regent's international College, Bangkok, Thailand held during January,20-22nd 2017.
39. Sareen Sheik and G. K Nagaraja "Preparation and properties of chitosan grafted silk fibre reinforced composite films" International Conference on Green Chemistry and Nanotechnology Opportunities and Challenges held at St. Aloysius College, Mangaluru during February,27-28th 2017.
40. Sareen Sheik and G. K. Nagaraja "Degradation study of PCL films reinforced with Chitosan grafted silk fibre" National level symposium (SYMBIOT-17) held at Manipal Institute of Technology, Manipal during August,11-12th 2017.
41. R Santosh, Mukunthan K S and G. K Nagaraja "Synthesis and characterization of chalcones containing triazoles: Insight from antibacterial, molecular docking and DNA binding studies" Symbiot 2017, held at Manipal Institute of Technology, Manipal during August, 11-12th 2017.
42. Sharanya K and G. K Nagaraja "An Approach to Synthesize and Characterize Hybrid Molecules of Imidazoles and Pyrazoles" National level Symposium (SYMBIOT) held at Manipal Institute of Technology, Manipal during August, 11-12th 2017.
43. Sareen Sheik and G. K Nagaraja "Antibacterial properties of Chitosan grafted silk fibre reinforced PCL films" National Conference on Reaching the Unreached through Science and Technology (NCSTRU-2017) held at Mangalore University, Mangalagangothri during September, 8-9th 2017.
44. R Santosh, Mukunthan K S and G. K Nagaraja "A comparative investigations of thiazole and thiazole containing triazoles: Insight from antibacterial, molecular docking and DNA binding studies" National Conference on Reaching the Unreached through Science and Technology (NCSTRU-2017) held at Mangalore University Mangalagangothri during September, 8-9th 2017.
45. Sharanya K and G. K Nagaraja "Antioxidant Studies of Some Newly Synthesized Heterocyclic Hybrid Molecules" National Conference on Reaching the Unreached through Science and

Technology (NCSTRU-2017) held at Mangalore University, Mangalagangothri during September, 8-9th 2017

46. Sareen Sheik and G. K Nagaraja "Study of Chitosan grafted silk fibre reinforced PVA films for potential biomedical applications" International Conference on Emerging Trends in Chemical Sciences (ICETCS-2017) held at Department of Chemistry, Manipal Institute of Technology, Manipal during September, 14-16th 2017.
47. Sharanya K and G. K Nagaraja "Synthesis, Characterization and Total Antioxidant Studies of Some New Imidazopyridine Chalcone Derivatives" International Conference on Emerging Trends in Chemical Sciences (ICETCS-2017) held at Department of Chemistry, Manipal Institute of Technology, Manipal during September, 14 -16th 2017
48. R Santosh, Ashwini Prabhu, Mukunthan K S and G. K Nagaraja, "Synthesis, Characterization and Antiproliferative Studies of some Novel Hydroxypyrazoline". 24th ISCB International Conference (ISCB-2018), Manipal University, Jaipur during January, 11-13th 2018.
49. Meghana Navada K and G.K Nagaraja (2019) "Environmentally benign, green synthesis of monoclinic Copper oxide nanoparticles and its Characterization" International conference on Advanced Functional Materials for Energy, Environment and Health care, held at Mysore during 18-20th March 2019
50. Josline Neetha D'Souza and G.K Nagaraja (2019) "Phytoassisted Synthesis and Characterization of crystalline ZnO nanoparticles" International conference on Advanced Functional Materials For Energy, Environment and Health care, held at Mysore during 18-20th March 2019
51. Meghana Navada K and G.K Nagaraja "Size controlled green synthesis of SD extract capped monoclinic Copper oxide Nanoparticles: A promising photocatalysts in dye degradation studies" three day International conference on Advances in Chemical and Material Sciences held at Mangalore University, Mangalore during October, 17-19th 2019.(Poster)
52. Josline Neetha D'Souza and G.K Nagaraja "Vateria indica fruit extract mediated synthesis of ZnO nanostructures: A potent nanocatalyst for cationic dye degradation and a free radical scavenger" three day International conference on Advances in Chemical and Material Sciences held at Mangalore University, Mangalore during October, 17-19th 2019.(Poster)
53. Sabia Kouser, G.K Nagaraja, "Thermal, Morphological and Structural changes of chitosan grafted Halloysite nanotubes reinforced PVA Nanocomposite" three day International conference on Advances in Chemical and Material Sciences held at Mangalore University, Mangalore during October, 17-19th 2019.(Poster)
54. Sumana V.S, Sudhakar Y.N, Nagaraja G.K "Cannular electrode/ electrolyte interface and blend polymer electrolyte for high performance super capacitor" three day International conference on Advances in Chemical and Material Sciences held at Mangalore University, Mangalore during October, 17-19th 2019.(Poster)
55. Sharanya K., Nagaraja G. K., Madan Kumar S., Ashwini Prabhu "Synthesis of hybrid molecules containing nitrogen heterocycles and their anticancer activity" three day International conference on Advances in Chemical and Material Sciences held at Mangalore University, Mangalore during October, 17-19th 2019.(Poster) – **Best poster presentation**
56. Sharanya K, Sandeep K M, Madan Kumar S, Nagaraja G. K., " Studies on Single Crystal X-Ray, Hirshfeld and Third-Order Non linear Optical Properties of- Chalcone Derivatives" three day International conference on Second International Conference on Advanced Materials and Technology held at JSS Science and Technology University, Mysuru during January, 16-18th 2020.(Poster)

57. Sareen Sheik, Sana Sheik and Nagaraja G K “Effect of Gamma Irradiation on the Properties of Chitosan Grafted Silk Fibre Reinforced PCL Films” three day International conference on Second International Conference on Advanced Materials and Technology held at JSS Science and Technology University, Mysuru during January, 16-18th 2020.(Poster)
58. Sareen Sheik, Sana Sheik and Nagaraja G K “Effect of Gamma Irradiation on the Properties of Chitosan Grafted Silk Fibre Reinforced PCL Films” three day International conference on Second International Conference on Advanced Materials and Technology held at JSS Science and Technology University, Mysuru during January, 16-18th 2020.(Poster)
59. Sabia Kouser, Sareen Sheik and Nagaraja G.K “In-Vitro Enzymatic Degradation, Swelling and Mechanical Properties of Chitosan Grafted Halloysite Nanotubes reinforced PVA Nanocomposites” three day International conference on Second International Conference on Advanced Materials and Technology held at JSS Science and Technology University, Mysuru during January, 16-18th 2020.(Poster)
60. Meghana Navada K,G.K.Nagaraja, JoslineNeetha D’Souza, Sabia Kouser, “Synthesis of Nano CuO: Optical, Structural, Surface characterizations ”one day National conference on Novel Materials and Devices for Future Applications (NMDFA-2020), held at held at St. Aloysius College (Autonomous), Mangalore on February, 18th 2020. (Poster)
61. JoslineNeetha D’Souza, G.K.Nagaraja, Meghana Navada K, Sabia Kouser, “Structural and optical properties of nano-structured Zinc Oxide materials synthesized by Solution Combustion method ”one day National conference on Novel Materials and Devices for Future Applications (NMDFA-2020), held at held at St. Aloysius College (Autonomous), Mangalore on February, 18th 2020. (Poster)
62. Sabia Kouser, G.K.Nagaraja, JoslineNeetha D’Souza, Meghana Navada K, “Structural and optical properties of nano-structured Zinc Oxide materials synthesized by Solution Combustion method ”one day National conference on Novel Materials and Devices for Future Applications (NMDFA-2020), held at held at St. Aloysius College (Autonomous), Mangalore on February, 18th 2020. (Poster)
63. Sumana V.S, Sudhakar Y.N, Nagaraja G.K, “Miscibility of poly(vinylalcohol) and gaur gum blends in aqueus medium” in the International virtual conference, Progress in Chemical Sciences (PPCS-2020) organized by Department of Chemistry, CHRIST (Deemed to be University), Bengaluru held from 15 February, 2020 -15 March 2020. (Poster)
64. Sharanya K, Nagaraja G. K., Towards the synthesis of imidazopyridine hybrids: Characterization, single crystal XRD and anticancer studies” three days 2nd international virtual conference, SURF2020, held by BIT on 6th-8th 2020 (Poster) – **Best poster presentation**
65. Sabia Kouser, Sareen Sheik, G. K. Nagaraja, “In vitro Biocompatibility Study of Chitosan grafted Halloysite nanotubes Filled PVA Nanocomposites” in the Online International Conference on “Zero Dimensional Materials” held at Department of Physics, P. C. Jabin Science College, Hubballi on August, 27th 2020. (Oral)
66. Sabia Kouser, G.K. Nagaraja, “Study on structural and optical properties of Sodium alginate grafted Halloysite Nanotubes reinforced Poly (vinyl alcohol) films” in the JNANA CHILUME 2020 4th annual series of national conference (online) organized by the Department of Chemistry, Jain University on November, 25th 2020. (Oral)
67. Meghana Navada K and G.K Nagaraja “Controlled synthesis of nano α -Fe₂O₃ mediated from *Scoparia dulsis* L.: Optical, Structural, Surface characterizations” two-dayInternational Virtual Conference on Emerging Trends in Nanoscience and Nanotechnology held at Srinivas University, Mangalore during August,5-6th 2021 (Oral)

68. JoslineNeethaD'Souzaand G.K Nagaraja "Antiproliferative activity of Vateria indica (L.) phytochemical influenced Ag and Ag/ZnO nanostructures against Human Triple-negative breast cancer cells" two-dayInternational Virtual Conference on Emerging Trends in Nanoscience and Nanotechnology held at Srinivas University, Mangalore during August,5-6th 2021 (Oral)-**Young Scientist Award**
- 69.Sabia Kouserand G.K Nagaraja "Sodium alginate functionalized Halloysite nanotube/Polycaprolactone bionanocomposite films: structural, mechanical and biocompatible properties" two-day International Virtual Conference on Emerging Trends in Nanoscience and Nanotechnology held at Srinivas University, Mangalore during August,5-6th 2021 (Oral)
70. Deepali Warale and G.K. Nagaraja "Preparation and characterization of Poly (vinyl alcohol) films reinforced with Lignin modified halloysite nanotubes as nano-composite material" Three day Internationalvirtual Conference on "New Frontier Research in Chemical Sciences held at JyotiNivas College Autonomous Bengaluru, Karnataka during Novemeber 11-13th of 2021(Poster).
71. Shabeena Mand G.K.Nagaraja "The study on budding utility of pectin grafted halloysite nanotube and its poly(vinyl alcohol) nanocomposite films ";International Conference on Fundamental and Applied Sciences (ICFAS 2021) organised by Faculty of Science and I.Q.A.C. from 24th March 2021 to 26th March 2021 (poster)
72. ShabeenaM andG.K.Nagaraja" The study on pectin grafted HNT and its Poly caprolactone films: characterisations and physiological studies confirming its bio-compatibility"; International Conference on New Frontier Research in Chemical Sciences 2021" organized by the Department of Chemistry, Post-Graduate Centre, Jyoti Nivas College Autonomous Bengaluru in collaboration with Bengaluru City -University and Anthem BioSciences from 11thto13th November 2021 (poster).
73. Shabeena M and G.K.Nagaraja "Chitosan Grafted Halloysite Nanotubes Reinforced Poly (Vinyl Alcohol) Nanocomposite Films as A Premier Choice for Biomedical Application" ; International E-Conference on Sustainable and Futuristic Materials (SFM-2021) held during 29-30th November, 2021 organized by International Research Centre and Department of Chemistry, Kalasalingam Academy of Research and Education, Krishnankoil, Department of Chemistry, J. M. Patel Arts, Commerce & Science College, Bhandara, and Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur (poster).
74. Deepali Warale and G.K. Nagaraja "Novel Sodium alginate functionlized halloysite clay nanofiller's reinforcement to prepare poly (vinyl alcohol) PVA/Sod.alg-rough HNT nanocomposite films and to study their mechanical and thermal behaviour" Three day InternationalConference on Functional Materials for Advanced Technologies – 1organized by the department of Physics, Central University of Kerala during January 2-4 of 2022 (Oral).
75. Jayalakshmi Shedthi A and G.K.Nagaraja "Biogenic synthesis of zinc oxide nanoparticlesusing embryo extract of Cocos nucifera L for efficient photocatalytic degradation of methylene blue dye" One day International conference on transformative chemistry for asustainable future organized by department of chemistry St. Aloysius college on 15 March2024.(Poster)
76. Jayalakshmi Shedthi A and G.K.Nagaraja "Biogenic synthesis of zinc oxide nanoparticles using extract of Pandanus amaryllifolius for efficient photocatalytic degradation ofmethylene blue dye". Three days International conference on recent advances in chemical and biological sciences for sustainable future held at DSCE,Bengaluru during 19 th -21 stFebruary 2025.(Poster)
77. Shabeena M and G.K.Nagaraja "Functionalised halloysite reinforced PCL nanocomposite films for Bone Tissue Engineering". Tw days International Conference on Recent Trend inApplied Science, held at Shrinivas Institute of Technology, Valachil, Mangalore during 3 rdand 4 th April-2025. (Oral and awarded with The Best paper award).

78. Babitha M.E and G.K Nagaraja halloysite – lignin nanocomposite based Energy storage devices two days international conference –Recent Trends in Applied Science (ICRTAS – 2025) ORGANISED BY Srinivas institute of Technology Valachil Mangalore