

Personnel Profile

Dr. NAGAVENI. N. G

Assistant Professor

Department of Chemistry

KLE'S SK Arts College and HSK Science Institute,
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Education Details:

Sl. No.	Exam Passed	Board/ University	Year of Passing
1.	Ph.D.	Centre for Nano & Soft Matter Sciences (CeNS), P.B. No.1239, Professor U R Rao Road, Jalahalli- 560 013, Bangalore, Karnataka, India.	2014
2.	M.Sc.	Kuvempu University, Shankaragatta- 577 129, Shimoga, Karnataka, India.	2007
3.	B.Sc.	SJVP College, Harihara – 577 601, Karnataka, India.	2005

Computer Literacy: MS-Office, Fit2d, Origin

Teaching Experience:

Sl.No.	Institution	Year		No. of Years
		From	To	
1.	KLE's SK Arts College and HSK Science Institute, Hubballi	08-06-2019	Till date	02
2.	Government First Grade Degree College, Dharwad	21-07-2018	05-04-2019	01
3.	Government First Grade Degree College, Harihara	09-08-2014	30-04-2015	01

Technical Skills:

- XRD (Model Genix Cu/MAR 345).
- Polarizing Optical Microscopy (Olympus BX51 with Mettler FP82HT hot stage).
- Differential Scanning Calorimetry (Perkin Elmer Diamond DSC, Perkin Elmer).
- UV-Vis spectrometer (Perkin- Elmer Lambda 20 spectrometer).
- IR spectrometer (Perkin-Elmer 1000 spectrometer).

Member of Professional Bodies:

1. Life member of “Materials Research Society of India” (LMB3288)
2. Life member of “Indian Liquid Crystal Society” (L-336)

Posts Held & Institution Governance Responsibility:

Sl. No.	Designation	Year
1.	Chairperson of Chemistry Association	2019-2022
2.	Institution’s Innovation Council: Innovation Activity Coordinator	2020-2022
3.	UBA: Convener of Halyal Village	2019-2022
4.	Career Guidance & Placement cell: Coordinator	2020-2022
5.	Swayam NPTEL Local Chapter: Mentor	2020-2022
6.	Student welfare officer	2020-2022
7.	Criterion V: Member	2019-2022

Awards and Recognitions:

Sl. No.	Awards and Recognitions	Year
1.	SRF & JRF at Centre for Nano & Soft Matter Sciences, Bangalore.	2008-2014
2.	Gold-Medal in M.Sc. from Kuvempu University, Shimoga, Karnataka.	2007
3.	C. V. Raman scholarship in B.Sc. from Govt of Karnataka.	2002-2005

Orientation/Refresher Course/ FDP Attended:

Programme	Date	Details
Orientation Programme	04/06/2020 – 01/07/ 2020	Four weeks Orientation programs for faculty in universities/colleges/institutes of higher education, organized by Teaching Learning Centre, Ramanujan College University of Delhi, under the aegis of PMMMNMTT

Special Lectures Delivered:

Sl. No.	Details	Date
1.	Resource Person for Sir, C. V. Raman District Level Science Quiz Competition at VVS, KH Patil PU College, Vidyanagar, Hubballi.	04-03-2021
2.	Resource Person for Extension Activity “ Periodic Table & Some Experiments ” at Govt. High School, Visited Kusugal Village Taluk, Hubballi.	19-02-2021
3.	Delivered a online lecture on “ Coal and Petroleum ” for the workshop for high school teachers held from 28-12-2020 to 09-01-2020 organized by DIET, Gadag.	01-01-2021
4.	Delivered a Guest talk “ Women in Science ” on the occasion of National Science Day at KLE’S SKA College & HSK Science Institute, Hubballi.	28-02-2019

Research Interests:

- Soft Matter Chemistry
- Green Chemistry
- Phytochemistry

Research Experience: 11 years

Patent Details:

Title	Inventors	Details
Cholesteric liquid crystal and device thereof	Veena Prasad, Nagaveni N.G. , Indian Gurumurthy Hegde and Rekha S. Hegde	Patent No. 201941036986 A.

Publications in Journals:

11. Thermally stable azo-substituted bent-core nematogens: observations of Chiral domains the nematic mesophases composed of smectic nano clusters.
Veena Prasad and **N. G. Nagaveni** and M, Monika, *Liq. Cryst.*, **45**, No. 5, 666 (2018).
10. Hockey stick-shaped azo compounds: effect of linkage groups and their direction of linking on mesomorphic properties.
M, Monika, Veena Prasad and **N. G. Nagaveni**, *Liq. Cryst.*, **42**, 1490 (2015).
9. Azo functionalised achiral bent-core liquid crystals: observation of photo-induced effects in B₇ and B₂ mesophases.
N. G. Nagaveni, V. Prasad and A. Roy, *Liq. Cryst.*, **40**, 1405 (2013).
8. Azo-functionalised achiral bent-core liquid crystalline materials: effect of presence of –N=N– linkage at different locations in the molecular architecture.

N. G. Nagaveni, P. Raghuvanshi, A. Roy and V. Prasad, *Liq. Cryst.*, **40**, 1238 (2013).
(This work appeared as the cover page article of this particular issue of the journal.)

7. Azo-functionalised liquid crystalline dimers composed of bent-core and rod-like moieties: synthesis and mesomorphic properties.
N. G. Nagaveni, V. Prasad and A. Roy, *Liq. Cryst.*, **40**, 1001 (2013).
6. Azo substituted V-shaped liquid crystalline compounds: synthesis and mesophase characterisation.
N. G. Nagaveni and V. Prasad, *Phase transitions*, **86**, 1227 (2013).
5. Proton NMR relaxation study on the nematic-nematic phase transition in A131 liquid crystal.
A. Aluculesei, F. Vaca Cha'vez, C. Cruz, P. J. Sebastiao, **N. G. Nagaveni**, V. Prasad and R. Y. Dong, *J. Phys. Chem. B.*, **116**, 9556 (2012).
4. Achiral bent-core azo compounds: effect of different types of linkage groups and their direction of linking on liquid crystalline properties.
N. G. Nagaveni, A. Roy and V. Prasad, *J. Mater. Chem.*, **22**, 8948 (2012).
3. Antraquinone-based discotic liquid crystals: new monomers and dimers.
Veena Prasad, Arun Roy, **N. G. Nagaveni** and K. Gatathri, *Liq. Cryst.*, **38**, 1301 (2011).
2. Photosensitive phasmid-like liquid crystalline materials with unusual mesomorphic behaviour.
N. G. Nagaveni, M. Gupta, A. Roy and V. Prasad, *J. Mater. Chem.*, **20**, 9089 (2010).
1. Self-assembly of azo molecules to mesogenic phasmid-like materials through inter-molecular hydrogen bonding.
V. Prasad, S.-W. Kang, S. K. Varshney and **N. G. Nagaveni**, *Liq. Cryst.*, **37**, 121 (2010).

Books/Chapters Publications:

Title of the Chapter	Authors	Name of the Book	Publisher	ISBN No.
Preliminary Analysis, Insecticidal and Antioxidant Activity of <i>Triumfetta rhombodea</i> Jacq. Leaves (Malvaceae)	Prashith Kekuda TR, Nagaveni NG , Vinayaka KS & Raghavendra HL.	Medicinal and Aromatic Plants: Traditional Uses, Phytochemistry and Pharmacological Potential	Scripown Publications	978-93-90833-12-2 Year of publication : 2021

Papers presented at various International/National conferences, seminars, workshops:

Title of the Paper	Authors	Name of Conference	Venue	Date
Achiral Bent-Core Mesogens: Study Of – N=N– Linkage At Different Locations Oral Presentaion on 31/07/2021	Dr. Nagaveni. N. G.	International Conference on “Smart Materials Chemistry” (Online)	PG & Research Department of Chemistry, ST Joseph’S College, Thiruchirapalli, Tamil Nadu	29/07/2021 TO 31/07/2021
Thermally stable azo bent-core nematogens: Nematic mesophases composed of Smectic nano clusters. Oral Presentaion on 22/12/2020	Dr. Nagaveni. N. G.	27 th NCLC (Online)	Amity University, Uttar Prades, India	21/12/2020 To 23/12/ 2020
Photosensitive Phasmid-like Liquid Crystalline Materials with Unusual Mesomorphic Behavior. Poster Presentaion on 16/11/2011	Dr. Nagaveni. N. G.	18 th NCLC	NERIST, Nirjuli, Itanagar, Arunchal Pradesh, India	15/11/2011 To 17/11/2011
Self - assembly of azo molecules to mesogenic phasmid-like materials through inter-molecular hydrogen bonding. Poster Presentaion on 27/10/2009	Dr. Nagaveni. N. G.	16 th NCLC	University of Lucknow, Lucknow, India.	26/10/2009 To 28/10/2009

National/International conferences, seminars, workshops, symposium participated:

Sl. No	Title of the conferences, seminars, workshops, webinar	International, National, State, Regional level	Venue	Date
1.	“The role of Management in Private Aided Higher Educational Institutions”	One Day State Level Workshop	Nehru Arts, Science Commerce College, Hubballi	09-01-2021

National/International conferences, seminars, workshops, symposium organised:

Sl. No	Designation	Title of the conferences, seminars, workshops, webinar	Resource Person	Venue	Date
1	Coordinator	Karnataka University Level KRVP “Kannada Vijnana Lecture Competition” 2020-21	--	KLE’S College of Education, Vidyanagar, Hubballi	30-11-2021
2	Coordinator	Karnataka University Level KRVP “Kannada Vijnana Lecture Competition” 2019-20	--	KLE’S SKA College & HSK Science Institute, Hubballi	09-01-2021
3	Organizing Secretary	National Webinar On Nanoworld and Soft Matter: “Science and Technology without Boundaries”	Dr. C. V. Yelamaggad Scientist, CeNS, Bengaluru	KLE’S SKA College & HSK Science Institute, Hubballi, (In Association with Royal Society of Chemistry UK, London, Local Section Deccan, India)	16-07-2020

Citation Details:

Number of Citations **237**
h-index **10**

Personal Details

Official/Mailing Address

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Permanent Address

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E-mail

ngnagu@gmail.com

Nationality

Indian

Date of birth

14-06-1984

Languages known

English, Kannada & Hindi