

	<p>Name: RANGAPPA S.</p> <p>Designation: Associate Professor</p> <p>Qualification: M.Sc., M.Phil., (Ph.D.)</p> <p>Experience: 28 Years</p> <p>Contact No.: 9902989973</p> <p>E-Mail ID: srangappa2@gmail.com, srangappa@bit-bangalore.edu.in</p> <p>Area of Research: Liquid Crystals</p>
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Research Papers Published in National/International Journals

1. Paper titled **Orientational order parameter of some CBO_nO_m liquid crystalline compounds: An optical study** is submitted to **Molecular Crystals and Liquid Crystals**, Reference number: **LC-HK069**, July-2016.
G. K. Narasimha Murthy, C. M. Subhan, Seema Agarwal, **S. Rangappa**, C. V. Yalamaggad and K. Fakruddin (accepted).
2. Paper titled **Polarizability and diamagnetic susceptibility of some CBO_nO_m liquid crystalline compounds by molecular vibration method** is submitted to **Molecular Crystals and Liquid Crystals**, July-2016
G. K. Narasimha Murthy, **S. Rangappa**, Seema Agarwal, C. V. Yallamaggad and K. Fakruddin.
3. Paper titled **Phase transition studies of some CBO_nO_m liquid crystalline dimers with different spacer length** is submitted to **Molecular Crystals and Liquid Crystals**, July-2016 (accepted).
G. K. Narasimha Murthy, **S. Rangappa**, Seema Agarwal, C. V. Yallamaggad and K. Fakruddin.
4. **Dilatometric study to estimate Thermo dynamical parameters of two CBO_nO_m liquid crystalline compounds**, IJDR (ISSN: 2230-9926), **Vol. 5**, No. 2, Feb-2015, pp 3400-3407.
G. K. Narasimha Murthy, Seema Agarwal, **S. Rangappa**, C. V. Yalamaggad and K. Fakruddin.
5. **A dilatometric study on N-(P-N-octyloxybenzylidene)-P-N-Hexyl and heptile oxyanilines liquid crastalline compounds**, JIRAS (ISSN: 2320-1932), **Vol. 1**, No. 1, June-2013, pp 109-116.
G. K. Narasimha Murthy, Vijaya Kumar P. C., Seema Agarwal, **S. Rangappa** and K. Fakruddin.

6. **Phase transition studies of some liquid crystalline no.om compounds by thermal microscopy**, JIRAS (ISSN: 2320-1932), **Vol. 1**, No. 1, June-2013, pp 117-122.
Vijaya Kumar P. C., G. K. Narasimha Murthy, Jeevan Kumar R, **S. Rangappa** and K. Fakruddin.

Research Papers Presented in National/International Conferences

1. Paper titled "*Phase transition and molecular polarizability studies in some homologous series of Schiff based liquid crystals*" was presented in **National Conference Synergy-2012** held at Jyoti Nivas College, Bengaluru on 2nd & 3rd Feb-2012.
G. K. Narasimha Murthy, **S. Rangappa**, Seema Agarwal, and K. Fakruddin.
2. Paper titled "*Orientalional order parameter studies on some Schiff based liquid Crystals*" was presented in **National Seminar on Emerging Trends in Soft Materials** conducted by S. K. University, Ananthpur on 1st & 2nd, Nov-2012.
G. K. Narasimha Murthy, **S. Rangappa**, Seema Agarwal, K. Fakruddin and R. Jeevan Kumar.
3. Paper titled "*Phase transition studies in some liquid crystalline nO.Om compounds*" was presented in **National Seminar on Emerging Trends in Soft Materials** conducted by S. K. University, Ananthpur on 1st & 2nd, Nov-2012.
Vijay Kumar P. C., G. K. Narasimha Murthy, **S. Rangappa**, K. Fakruddin and R. Jeevan Kumar.
4. Paper titled "*Phase transition studies of nO.Om liquid crystalline compounds by thermal microscopy*" was presented in **International Conference ICIRS-2013** held at Bharath University, Chennai on 6th April-2013.
G. K. Narasimha Murthy, **S. Rangappa**, Vijay Kumar P. C., Seema Agarwal and K. Fakruddin.
5. Paper titled "*Characterization of some Schiff based liquid crystal by thermal microscopy*" was presented in **International Conference ICIRS-2013** held at Bharath University Chennai on 6th April 2013.
Vijay Kumar P.C, G. K. Narasimha Murthy, **S. Rangappa**, R. Jeevan kumar & K. Fakruddin.

Workshops Attended

1. Participated in three day workshop on **Digital Image Processing and Applications (DOPA-2012)** held on 1st, 2nd & 3rd, March-2012 at B. I. T., Bengaluru.
2. Participated in two day workshop on **Faculty Development Programme on Display Materials & Their Applications (DMTA-12)** held on 12th & 13th, Apr-2012 at R. N. S. I. T., Bengaluru.

3. Participated in two day workshop on **Innovations in Nano science & Nanotechnology (INST 2012)** held on 18th, Aug-2012 at R. N. S. I. T., Bengaluru.
4. Participated in two day workshop on **Frontiers of Science** held on 3rd & 4th, Sept-2012 at Vivekananda Degree College, Bengaluru.
5. Participated in two day National seminar on **Smart Grid Technology and Applications** held on 20th & 21st Sept-2013 at B. I. T., Bengaluru.
6. Participated in National workshop on **Research Methodologies [RM-2015]** on 4th Mar-2015 sponsored by Karnataka Science & Technology Academy [KSTA] & KSCST, DST, Government of Karnataka.
7. Participated in National conference on **Science and Technology for GenNext Urban Space** jointly organized by KSTA & BIT held between 5th & 6th, Nov-2015.
8. Participated in **Two Week ISTE Short Term Training Programme on Engineering Physics** from 8th to 18th Dec-2015 conducted by Indian Institute of Technology, Bombay at B. M. S. C. E., Bengaluru.
9. Participated in one-day workshop on **Research Methodologies (RM-2015)** sponsored by KSTA and KSCST, DST, Government of Karnataka and organized by Departments of Mathematics and Mechanical Engineering on 4th, Mar-2015 at B. I. T., Bengaluru.
10. Participated in Two-day Science Academies' Lecture Workshop on **"Shockwaves in Science, Engineering and Medicine"** held on 24th and 25th March-2017 sponsored by IISc, Bengaluru and organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.

Programs (Workshops/Seminars/Conferences) Organized:

1. Organized in **"Two Day Workshop on 100th Year Celebration of Einstein's Work"** conducted by Department of Physics on 23rd April-2016 at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
2. Organized in Two-day Science Academies' Lecture Workshop on **"Shockwaves in Science, Engineering and Medicine"** held on 24th and 25th March-2017 sponsored by IISc, Bengaluru and organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
3. Organized in one-day conference on **"Laser Physics and Non-Linear Optics"** held on 30th October-2017 sponsored by Rajya Vokkaligara Sangha, Bengaluru & Karnataka State Council for Science and Technology (KSCST), Bengaluru and organized by

Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.

4. Organized in two-day workshop on “**New Model Curriculum for First Year B.E./B.Tech.-CBCS Syllabus (2018-2019) as per Outcome-Based Education (OBE) format including Course Outcomes (CO) and Bloom’s Taxonomy**” organized jointly from VTU, Belagavi and Bangalore Institute of Technology held from 7th to 8th May-2018 at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.