

CURRICULUM VITAE



Dr. RAJU KRISHNA CHALANNAVAR
Professor and Chairman

Post Graduate, Department of Applied Botany, Mangalore University,
Mangalagangothri, Mangalore - 574199. Karnataka, India
Tel Off: +91 824 2287272. Ext: 8742 Cell phone: +91 7829393783
E-Mail: rajukrishna@mangaloreuniversity.ac.in / drrajkc@gmail.com
www.mangaloreuniversity.ac.in

Research Field:

Mycology, Plant Biotechnology, Phytochemistry, Malaria, Tissue engineering, Toxicity

Teaching and Research Experience:

- Teaching and Research Experience – 19 years
- Number of Ph.D. guided-07
- Number of M.Phil. guided -14
- Currently 03 students are working for Ph.D.
- 85 Research papers are published in National and International Journals
- 60 Research papers are presented in National and International Conferences
- 04 Book Chapters

Academic achievements:

Post Doctoral Fellow 2009-2010. Durban University of Technology, Durban, South Africa - Recipient of National Research Foundation (NRF) and Durban University of Technology (DUT) Fellowship.

Research Associate 20011-2012. Durban University of Technology, Durban, South Africa- Recipient of Durban University of Technology (DUT) Fellowship.

Visiting Scientist to Department of Plant Biotechnology and Molecular Biology, Tamilnadu Agricultural University (TNAU), under South Africa - India Bilateral Collaboration during the year 2010.

Administrative Experience:

- **Chairman IBSC**-Institutional Bio-safety Committee (7-11-2022 to 10-11-2025)
- **Chairman** Department of Applied Botany (2020-2021, 16th November 2022-till today)
- **Complaint Officer**-Karnataka state AIDS prevention society 10th November 2022 onwards
- **In charge** for Mangalore University Health Center 6th Dec 2021 onwards
- **Nodal Officer** for COVID 19 from 23rd March 2020 onwards
- **Chairman** for Zero Waste Management October 2020-2021
- **Estate Officer** from 19th December 2018 to 25th July 2019
- **Nodal Officer**, Mangalore University for MHRD (AISHE) All India Survey on Higher Education from 18th July 2018 TO 18th Sept 2019

- **Faculty Advisor** to the campus garden (2016-2022)
- **Nodal Officer-** Education facility to children of farmers who committed suicide 2018 Onwards
- **Member** of LIC Committee 2016 onwards
- **Chief** for malpractice PG Exams (2015-2016)

Served as Chairman/Member of BOS in:

- **Chairman** Applied Botany (UG/PG) Mangalore University (November 2022-2025)
- **Chairman** BOS-Biotechnology (UG/PG) Mangalore University (November 2022-2025)
- Applied Botany (PG) Mangalore University (2013 onwards)

Examination related assignments:

As Chairman:

- BOE in Botany (PG) Mangalore University (2020-2021, 16th November 2022 to till today)
- BOE in Botany (PG) Rani Channamma University (2016- 2017)

As Member:

- BOE in Applied Botany (PG) Mangalore University (2014 onwards)
- BOE in Botany (PG) Gulbarga University (2014 onwards)
- BOE in Botany (PG) Bangalore University (2014 onwards)
- BOE in Microbiology (PG) Bangalore University (2003 onwards)
- BOE in Botany (PG) Karnataka University (2016 onwards)
- BOE in Botany (PG) Mysore University (2016 onwards)
- BOE in Bangalore City University, Central College Campus

As Ph.D. Examiner:

- Pondicherry University
- Bangalore University,
- Karnataka University, Dharwad,
- Vels University
- IICT Hyderabad
- Gulbarga University
- Mysore University
- Mumbai University
- Central University, Kerala
- Cape Peninsula University of Technology, South Africa

Ongoing Projects:

1. INDIA – ARGENTINA SCIENTIFIC BILATERAL COOPERATION

Title of the project: “Discovery and development of novel drug from natural products from *Psidium* species and their effects on malaria transmitting mosquitoes”.

Projects completed:

1. SERB-DST Project

Title of the project: “Discovery and development of natural product from *Psidium sp.* and their effect on malaria causing mosquito *Anopheles arabiensis*” Completed during the year 2017.

2. KARNATAKA BIODIVERSITY BOARD (PBR) 12 Grampanchayts of Mangalore District completed during the year 2016

SPECIAL LECTURES DELIVERED NATIONAL AND INTERNATIONAL:

Key Note Speakers & Chairing Session:

INTERNATIONAL

- 1. Keynote Speaker:** The Anti mosquito properties of Psidium sp: Approaches towards new medicines. International webinar on Role of Technology in Biological and Environmental Science Research. Conducted by **Motherhood University, Roorkee, Uttarakhad, India.** Held on 14th June 2020.
- 2. Plenary lecture:** Antimosquito properties of Psidium sp: Approaches towards new medicines. International conference Sunway Putra Hotel, Kuala Lumpur, **Malaysia.** ICAFE 27th & 28th November 2019.
- 3. Chaired Session at 2th International Conference on Composites, Biocomposites and Nanocomposites.** 28th Oct 30th 2015. Durban University of Technology, Durban, **South Africa**
Invited talk on “The Antimosquito properties of Indigenous Medicinal Plants: A Pathway to Global Development” at **BRIDGES 2015** two days International Workshop organized by **DST Centre for Policy Research at BBA, Central University, Lucknow** from **16-17 Jan 2015.**
- 4. Chaired Session at XI Joint Annual Conference of ISMOCD &IAE held during 10th 12th June ,2016 at Bangalore. Key note talk** on “The Antimosquito properties of Medicinal Plants: Approaches and progress towards new medicines. Raju K. Chalannavar (2017).World Biotechnology Congress 2017 held during February 20-22, 2017 JNU, New Delhi.India.
- 5. Chaired Session at International Conference on Medicinal plants and Drug Discovery 18-20th July 2018** at Hotel Capitol, Bangalore, Karnataka, India

NATIONAL

- 6. Lead Lecture:** Anti mosquito plants as an alternative method for malaria vector control. National Seminar on New Vista in Botany 13th & 14th February 2020. **Goa University.**
- 7. Delivered talk on “Plant Called Medicine”** at two days National Seminar on “**Plant Biodiversity**” organized by the department of Botany, Gov. Arts and Sience College, Kozhikode, Kerala from **11th and 12th December 2014.**

**Professional Life Membership of Scientific Bodies:
Life Member:**

1. Asian Journal of Microbiology, Biotechnology and Environmental Sciences
2. The Academy of Environmental Biology
3. National Environmental Science Academy
4. Indian Journal of Environment and Ecoplaning
5. Journal of Current Sciences
6. Society of Biological Chemists, India
7. International Science Congress Association
8. Indian Science Congress Association
9. Mycological Society of India

PUBLICATIONS:

1. Ajay Kumar and **Raju K. Chalannavar*** (2022). Characterization of the Major Degradation Products of the Praziquantel API by Mass Spectrometry: Development and Validation of a Stability-indicating Reversed Phase UPLC Method. *Journal of Liquid Chromatography and Related Technologies*. <https://doi.org/10.1080/10826076.2022.2163253>.
2. Ajay Kumar and **Raju K. Chalannavar*** (2022). Characterization of Degradation Products of Lifitegrast by Mass Spectrometry: Development and Validation of a Stability-indicating Reversed Phase HPLC Method. *Analytical Chemistry Letters*, Vol. 12:6, pp. 730-744. <https://doi.org/10.1080/22297928.2022.2159522>.
3. Ravindra B. Malabadi*, Kiran P. Kolkar, **Raju K. Chalannavar** (2022). Human monkey pox detected first time in india: role of traditional herbal treatment. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 12, pp.3686-3691.
4. Ravindra B. Malabadi*, Kiran P. Kolkar, **Raju K. Chalannavar** (2022). Outbreak of lumpy skin viral disease of cattle and buffalo in India in 2022: Ethnoveterinary medicine approach. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 11, pp.3562-3574.
5. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannavar** (2022). METFORMIN: A NOVEL ANTIDIABETIC DRUG OF BOTANICAL ORIGIN. *International Journal of Innovation Scientific Research and Review* Vol. 04, Issue, 02, pp.2411-2415.
6. Ravindra B. Malabadi, Kiran P. Kolkar, **Raju K. Chalannavar** (2022). Sweet sorghum for biofuel energy: grain sorghum for food and fodderphytochemistry and health benefits. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 09, pp.3305-3323.
7. Manohara Acharya Ravindra B. Malabadi, Kiran P. Kolkar, **Raju K. Chalannavar** (2022). Ethnobotanical survey of medicinal plants used by the "Nalike" community in the Bantwala taluk of Dakshina Kannada district, Karnataka, India. *Plant Science Today*. ISSN 2348-1900 (online) Vol 9(2): 461–468 <https://doi.org/10.14719/pst.1470>.

8. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannavar (2022)**. TEA (CAMELLIA SINENSIS) : PHYTOCHEMISTRY AND HEALTH BENEFITS -- TEA CUP THAT CHEERS HAS TEARS. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 04, pp.2620-2633. online at <http://www.journalijisr.com>
9. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannavar (2022)**. CONSTIPATION-A MAJOR HEALTH DISORDER: ROLE OF HERBAL MEDICINE TREATMENT. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 04, pp.2634-2645.
10. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannavar (2022)**. DIABETES MELLITUS: ROLE OF BOTANICAL PHARMACY. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 03, pp.2536-2541.
11. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannavar (2022)**. WOUND HEALING: ROLE OF TRADITIONAL HERBAL MEDICINE TREATMENT. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 06, pp.2856-2874.
12. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannava(2022)**. MONKEYPOX: A DISTURBING VIRAL OUTBREAK IN NON-ENDEMIC REGION IN 2022: HERBAL TREATMENT OPTIONS. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 06, pp.2926-2938.
13. Ravindra B. Malabadi, Kiran P. Kolkar, Manohara Acharya, **Raju K. Chalannavar(2022)**. WHITE, AND BROWN RICE- NUTRITIONAL VALUE AND HEALTH BENEFITS: ARSENIC TOXICITY IN RICE PLANTS. *International Journal of Innovation Scientific Research and Review*. Vol. 04, Issue, 07, pp.3065-3082.
14. Vinayak Lokapur, Varsha Jayakar, Divakar M.S, **Raju Krishna Chalannavar**, Lyned Lasrado, Manjula Shantaram(2022). ZnO nanoparticles with spectroscopically controlled morphology, bioinspired from *Hologarna grahamii* (Wight) Kurz and delving its antioxidant and anticancer potential on A498 cell line. *Materials Today Communications*. 31 (2022) 103338. (ELSEVIER).
15. Divakar M S, Raju **Krishna Chalannavar (2021)**. Antidiabetic effects of unexplored *Syzygium kanarensis* (Talbot) Raizada leaves extract in streptozotocin-induced diabetic rats. *Medicinal Plants* Vol. 13 (4): 672-688. <https://doi.org/10.5958/0975-6892.2021.00078.2>
16. Divakar M S, **Raju Krishna Chalannavar**, Souvik Debnath, Tapan Kumar Chatterjee, Sooryaprakash Shenoy H (2021). Evaluation of acute toxicity exposure to aqueous leaves extract of *Syzygium kanarensis* (Talbot) Raizada. *Journal of Microbiology, Biotechnology and Food Sciences*. Vol 10:52 p 1-5. <https://doi.org/10.15414/jmbfs.2219>.
17. Ravindra B. Malabadi*, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. The iconic baobab (*Adansonia digitata* L.): herbal medicine for controlling coronavirus (sars-cov-2) disease (covid-19) 2021. *International Journal of Research and Scientific Innovation (IJRSI)*. Vol. 03, Issue, 08, pp.1635-1647.
18. Anand V. Nasalapure, **Raju K. Chalannavar**, Deepak R. Kasai, Kakarla Raghava Reddy and Anjanapura V. Raghunath (2021). Novel polymeric hydrogel composites: Synthesis, physicochemical,

mechanical and biocompatible properties. *Nano Express*. 2(2021) 030003. <https://doi.org/10.1088/2632-959X/ac11bf>.

19. Nityasree B R, **Raju Krishna Chalannavar**, Sabia Kouser, Divakar M S, Ramesh S Gani, Sowmyashree K, Ravindra B Malabadi (2021). Bioinspired synthesis of Zinc oxide nanoparticles by using leaf extract of *Solanum lycopersicum L.* for larvicidal activity of *Aedes aegypti L.* 2020. *Adv. Nat. Sci.: Nanosci. Nanotechnol.* 12 (2021) 015009 (8pp). (2021). <https://doi.org/10.1088/2043-6262/abeaae>
20. Jayakar, V., Lokapur, V., Nityasree, B. R., **Chalannavar, R. K.**, Lasrado, L. D., and Shantaram, M. (2021). Optimization and green synthesis of zinc oxide nanoparticle using *Garcinia cambogia* leaf and evaluation of their antioxidant and anticancer property in kidney cancer (A498) cell lines. *Biomedicine*. 41(2), 206-222.
21. Ravindra B Malabadi, Kiran P Kolkar, Neelambika T Meti and **Raju K Chalannavar** (2021). Role of Plant Based Hand Sanitizers During the Recent Outbreak of Coronavirus (SARS-CoV-2) Disease (Covid-19). *Significances of Bioengineering and Biosciences SBB.000605*. 5(1). DOI: 10.31031/SBB.2021.05.000605
22. Malabadi, R. B., Kolkar, K. P., Meti, N. T., and **Chalannavar, R. K.** (2021). Vaccine development for coronavirus (SARS-CoV-2) disease (Covid-19): Lipid nanoparticles. *International Journal of Research and Scientific Innovations*. 8 (3), 189-195.
23. Ravindra B Malabadi, Kiran P Kolkar, Neelambika T Meti and **Raju K Chalannavar** (2021). Camphor tree, *Cinnamomum camphora* (L.); Ethnobotany and pharmacological updates. *Biomedicine*: 2021; 41(2): 181-184. DOI: <https://doi.org/10.51248/v41i2.779>
24. Ravindra B Malabadi, Kiran P Kolkar, Neelambika T Meti and **Raju K Chalannavar** (2021). Traditional herbal folk medicine used for controlling corona virus (sars-cov-2) disease (covid-19). *International Journal of Innovation Scientific Research and Review*, Vol. 03, Issue 07, pp.1507-1517. ISSN: 2582-6131.
25. Ravindra B. Malabadi*, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar** (2021). **Triphala: An Indian Ayurvedic herbal formulation for coronavirus (SARS-CoV-2) disease (Covid-19).** *Int. J. Curr. Res. Biosci. Plant Biol.* 8 (8), 18-30. doi: <https://doi.org/10.20546/ijcrbp.2021.808.003>.
26. Ravindra B Malabadi, Kiran P Kolkar, Neelambika T Meti and **Raju K Chalannavar** (2021). An age old botanical weapon for herbal therapy: camphor tree, *Cinnamomum camphora*. *International Journal of Innovation Scientific Research and Review*. Vol. 03, Issue 07, pp.1518-1523. ISSN: 2582-6131.
27. Ravindra B. Malabadi, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar** (2021). Outbreak of Coronavirus (SARS-CoV-2) Delta variant (B.1.617.2) and Delta Plus (AY.1) with fungal infections, Mucormycosis: Herbal medicine treatment. *International Journal of Research and Scientific Innovation (IJRSI)* |Volume VIII, Issue VI, 59-70. |ISSN 2321-2705.
28. Ravindra B. Malabadi*, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar** (2021). Natural plant gum exudates and mucilage: pharmaceutical updates. *International Journal of Innovation Scientific Research and Review*. Vol. 03, Issue, 10, pp.1897-1912.

29. Ravindra B. Malabadi, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Recent updates on leishmaniasis: Kala-azar outbreak, risk factors and herbal treatment. *Int. J. Curr. Res. Biosci. Plant Biol.* 8(6), 1-22. <https://doi.org/10.20546/ijcrbp.2021.806.001>
30. Ravindra B. Malabadi, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Role of herbal medicine for controlling coronavirus (SARS-CoV-2) disease (COVID-19) (2021). *International Journal of Research and Scientific Innovation (IJRSI)* Volume VIII, Issue II, 135-165. ISSN 2321–2705.
31. Ravindra B. Malabadi, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Melatonin: One molecule one- medicine for many diseases, coronavirus (SARS- CoV-2) disease (Covid- 19); Function in plants. *International Journal of Research and Scientific Innovation (IJRSI)* Volume VIII, Issue III, | ISSN 2321–2705. 155-181.
32. Ravindra B. Malabadi, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Applications of nanotechnology in vaccine development for coronavirus (SARS-CoV-2) disease (Covid-19). *International Journal of Research and Scientific Innovation (IJRSI)* Volume VIII, Issue II, 191-198. ISSN 2321–2705
33. Ravindra B. Malabadi, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Updates on herbal remedy for kidney stone chronic disease. *International Journal of Research and Scientific Innovation (IJRSI)* Volume VIII, Issue II, 122-134. 2021 | ISSN 2321–2705
34. Ravindra B. Malabadi, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Recent updates on role of herbal medicine for Alzheimer's disease (Dementia). *International Journal Current Research Biosciences Plant Biology* 8(1), 14-45. doi: <https://doi.org/10.20546/ijcrbp.2021.801.002>
35. Ravindra B. Malabadi, Kiran P. Kolkar, Neelambika T. Meti, **Raju K. Chalannavar (2021)**. Role of botanical essential oils as a therapy for controlling coronavirus (SARS-CoV-2) disease (Covid-19) 2021. *International Journal of Research and Scientific Innovation (IJRSI)* Volume VIII, Issue IV, ISSN 2321–2705. <https://dx.doi.org/10.51244/IJRSI.2021.8407>
36. Ravindra B. Malabadi, **Raju K. Chaannavar (2020)**. Safed musli (*Chlorophytum borivilianum*): Ethnobotany, phytochemistry and pharmacological updates. *Int. J. Curr. Res. Biosci. Plant Biol.* (2020) 7(11), 25-31. doi: <https://doi.org/10.20546/ijcrbp.2020.711.003>
37. M. Thippeswamy, V. Rajasreelatha, Raju **Krishna Chalannavar**, and Sudisha Jogaiah (2020). Terpenoid indole alkaloids, a secondary metabolite in plant defense response. Book Chapter - Biocontrol Agents and Secondary Metabolites Applications and Immunization for Plant Growth and Protection. P.443-454 Edited by Sudhisha Jogaiah. *ELSEVIER*
38. Eyob Chukalo Chutulo, **Raju Krishna Chalannavar (2020)**. *Daldinia eschscholtzii*: an endophytic fungus isolated from *Psidium guajava* as an alternative source of bioactive secondary metabolites. *Asian Journal of Mycology* 3(1): 376–398 (2020). Doi [10.5943/ajom/3/1/11](https://doi.org/10.5943/ajom/3/1/11)
39. Eyob Chukalo Chutulo, **Raju Krishna Chalannavar and Pramod kumar P (2020)**. Chemical compositions, cytotoxicity and antioxidant activity of the endophytic fungus *Fusarium napiforme* isolated from *Psidium guajava*. *Studies in Fungi* (5) 1: 332-352 Doi [10.5943/sif/5/1/15.2](https://doi.org/10.5943/sif/5/1/15.2)

40. Nityasree B R, **Chalannavar R K**, Ghosh S K, Divakar M S, Sowmyashree K (2020). Effect of *Solanum lycopersicum* leaves extracts against larvicidal activity of *Aedes aegypti* L. *Biomedicine*: 40 (4): 467-473. DOI: <https://doi.org/10.51248/v40i4.321>
41. Eyob Chukalo Chutulo and **Raju Krishna Chalannavar** (2020). Antimicrobial activities of *Fusarium napiformae*. Endophytic fungus isolated from *Psidium guajava* L. (White Fruit). *International Journal of Pharmaceutical Sciences and Research*. Vol. 11 (11). 5844-5855 IF 0.832.
42. Anand V. Nasalapure, **Raju Krishna Chalannavar**, Deepak R. Kasai (2020). Physico-chemical and Biocompatibility of Poly(vinyl alcohol): Polyethyleneglycol/K-carrageenan Membrane by Freeze-Gelation Method". *Asian Journal of Chemistry* Vol 32 (8): 1874-1880. (2020). <https://doi.org/10.14233/ajchem.2020.22652>
43. M.S. Divakar, **Raju Krishna Chalannavar**, Shivakumar Hugar and Karunakar Hegde (2020). Toxicological Evaluation of Ethyl Acetate Extract of *Syzygium kanarensis* (Talbot) Raizada Leaves in Wistar Rats. *Biomedical and Pharmacology Journal* Vol. 13 (1), p. 497-509. 509. <http://dx.doi.org/10.13005/bpj/1911>
44. Deepak Kasai, Ravindra Chougale, Saraswati Masti, Ravindra, Gangadhar Gouripur, Ravindra Malabadi, **Raju Chalannavar**, Anjanpura Venkataramanaiah Raghunath, Devi Radhika, Shanavaz H, Soumya Dhanavant (2020). Preparation, characterization and antimicrobial activity of betel-leaf-extract doped polysaccharide blend films. *Green Materials* doi.org/10.1680/jgrma.20.00014 page 1-20.
45. Anand V. Nasalapure, **Raju Krishna Chalannavar**, Ramesh S. Gani, Deepak R. Kasai (2019). Effect of gum acacia on chitosan / poly (vinyl alcohol) blend matrix for biomedical application. *International Journal of Phytomedicines and Related Industries* Vol 11 (1): 60-66.
46. Anand V Nasalapure, **Raju Krishna Chalannavar**, Ramesh S Gani and Deepak R Kasai (2020). Preparation and characterization of Poly (vinyl-alcohol) And Carboxy Methyl Cellulose Hydrogel Film for Biomedical Application. International Conference on Physics of Materials and Nanotechnology (ICPN 2019). *AIP Conf. Proc.* 2244, 080001-1 to 080001-4; <https://doi.org/10.1063/5.0009594>
47. S Supriya, **R K. Chalannavar**, S K Ghosh, B R Nityasree, K Sowmyashree 2019. Anti-larval activities of essential oil of *Psidium* sp. Against dengue causing mosquito *Aedes aegypti*. (Diptera: Culicidae). *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences* (5) 1: 845-852 [doi:10.26479/2019.0501.70](https://doi.org/10.26479/2019.0501.70)
48. K Sowmyashree, **Raju Krishna Chalannavar**, S K Ghosh, B R Nityasree, S Supriya 2019. Effect of essential oils of *Aegle marmelos* (L.) Correa and *Psidium guajava* L. on larvae of malaria vector *Anopheles stephensi* Liston *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences* [doi: 10.26479/2019.0501.59](https://doi.org/10.26479/2019.0501.59) (5) 1:704-711
49. Deepak Kasai, Ravindra Chougale, Saraswati Masti, **Raju Chalannavar**, Ravindra B. Malabadi, Ramesh Gani, Gangadhar Gouripur 2019. An investigation into the influence of filler *Piper nigrum* leaves extract on physicochemical and antimicrobial properties of chitosan/poly (vinyl alcohol) blend films. *Journal of Polymers and the Environment* 27 (4):1-17. doi.org/10.1007/s10924-018-1353-x

50. Eyob Chukalo Chutulo and **Raju Krishna Chalannavar**. Endophytic Mycoflora and Their Bioactive Compounds from *Azadirachta Indica*: A Comprehensive Review. *Journal of Fungi* 2018. (4) 42:1-13 doi: 10.3390/jof4020042. **Impact Factor 4.6**
51. Anand V Nasalapure, **Raju Krishna Chalannavar**, Ramesh S Gani, Ravindra Malabadi and Deepak R Kasai (2018). Preparation of Polyvinyl alcohol/ Chitosan/Starch Blends and Studies on Thermal and Surface Properties. *2nd International Conference on Condensed Matter and Applied Physics (ICC 2017)* AIP Conf. Proc. 1953, 100062-1–100062-4; Page 778-781. <https://doi.org/10.1063/1.5032998>
52. Deepak Kasai, Ravindra Chougale, Saraswati Masti, **Raju Chalannavar**, Ravindra Malabadi, Ramesh Gani (2018). Influence of *Syzygium cumini* leaves extract on morphological, thermal, mechanical, and antimicrobial properties of PVA and PVA/chitosan blend films. *J. Appl. Polym. Sci.* 135 (17) : 1-17. DOI:10.1002/APP.46188
53. Ravindra B Malabadi, **Raju K Chalannavar**, Supriya S, Nityasree B R, Sowmyasree K (2017). “Role of botanical drugs in controlling dengue virus disease”. *Int. J. Res. Sci. Inno*, (5) 7:1-26. ISSN 2321-2705
54. Anand V Nasalapure, **Raju Krishna Chalannavar**, Ramesh S Gani, Ravindra Malabadi and Deepak R Kasai (2017). Tissue Engineering of skin: A Review. *Trends in Biomaterials and Artificial organs*. (31) 2: 69-80.
55. Manohar Acharya and **Raju Krishna Chalannavar** (2017). Ethnomedicinal plants used by Shri. Vasu Pandit – a traditional healer of Bantawala Taluk, Karnataka. *National Interaction Meeting of Practitioners and Researchers of Traditional Systems of Medicine*. KFRI, Thrissure. 12-13 October 2017. 32-38.
56. Ravindra B Malabadi, **Raju K Chalannavar**, Supriya S, Nityasree B R, Sowmyasree K, Gangadhar S Mulugund, Neelambika T Meti. (2017). “Dengue virus disease: Current updates on the use of *Carica papaya* leaf extract as a potential herbal medicine”. *Int. J. Res. Sci. Inno*, 4 (8): 36-50. 2017. ISSN 2321-2705 (International).
57. Ravindra B Malabadi, **Raju K Chalannavar**, Supriya S, Nityasree B R, Sowmyasree K, Gangadhar S Mulugund, Neelambika T Meti. (2017). Dengue Virus Disease: Recent Updates on Vaccine Development. *Int. J. Res. Sci. Inno* 4 (7): 8-29, 2017, ISSN: 2321-2705 (International).
58. Ramesh S Gani, Karabasangouda T, Shwetha Kumari, **Raju K Chalannavar**, Ravindra B Malabadi, Ravindra B Chougale, Saraswati Masti and Deepak Kasai. (2017). Chemo Selective Synthesis and Evaluation of Antimicrobial Activity of Novel 5-hydroxyindole Derivatives. *Der Pharmacia Sinicia*. 8 (2) 1-9 ISSN: 0976-8688.
59. Ravindra B Malabadi, **Raju K Chalannavar**, Gangadhar S Mulugund, Neelambika T Meti, Sudbattula S Vijayakumar (2016). Plant Viral Expression Vectors and Agroinfiltration: A literature Review Update, *Int. J. Res. Sci. Inno* 3(4):32-36, April 2016, ISSN: 2321-2705.
60. Ravindra B Malabadi, **Raju K Chalannavar**, Supriya S, Nityasree B R, Sowmyasree K, Gangadhar S Mulugund, Sudbattula S Vijayakumar, Neelambika T Meti Ramesh Gani, Anand Nasalapure, Ravindra Chougale, Saraswati Masti, Arvind Chougale,

Divakar M S, Deepak Kasai, Bharati Odhav and Himansu Baijnath. (2016). Ebola Virus: Updates on plant made vaccine development, *Int. J. Res. Sci. Inno*, 3(6): 4-12, June 2016, ISSN: 2321-2705.

61. Ravindra B Malabadi, **Raju K Chalannavar**, Neelambika T Meti, Ramesh Gani, Sudbattula S Vijayakumar, Gangadhar S Mulugund, Saraswati Masti, Ravindra Chougale, Bharati Odhav, Sowmyasree K, Supriya S, Nityasree B R, Divakar M S. (2016). Insulin Plant, *Costus speciosus*: Ethnobotany and Pharmacological updates, *Int. J. Curr.Res.Biosci. Plant Bio*, 3(7):151-161, July 2016, ISSN : 2349-8080.
62. Ravindra B Malabadi, **Raju K Chalannavar**, Neelambika T Meti, Sudbattula S Vijayakumar, Gangadhar S Mulugund, Ramesh Gani, Supriya S, Sowmyashree K, Nityasree B R, Arvind Chougale and Divakar M S. (2016). Antidiabetic plant, *Gymnema sylvestre* R.Br., (madhunashini):Ethnobotany, Phytochemistry and Pharmacological updates, *Int.J.Curr.Trend. Pharmacobiol.Med. Sci.* 2016. 1(4):1-17, September 2016, ISSN: 2456-2432.
63. Deepak Kasai, Sarasvati Masti, Ramesh Gani, **Raju Chalannavar** and Ravindra Chougale. (2015). Evaluation of Multifunctional Properties of Chitosan/Guar Gum/Vanillin for Food Packaging Applications. *Advances in Composites, Biocomposites and Nanocomposites*, Vol 2: 26-61. Conference proceedings.
64. Sheela Timmaiha, R F Banjantri, **Raju Chalannavar** and Ravindrachary V (2015). Study of Polymer Blend Based Biomaterial with Enhanced Mechanical Properties. *Advance Composites, Biocomposites and Nanocomposites*, Vol 2:476-488. Conference proceedings.
65. **Raju K. Chalannavar**, Venugopala K. Narayanaswamy, Himansu Baijnath and Bharti Odhav. (2014). Chemical composition of essential oil of *Psidium guajava* white and pink fruit (Myrtaceae). *Journal Essential Oil bearing Plants*. Taylor & Francis, 17 (6):1293 – 1302.
66. **Raju K. Chalannavar**, Venugopala K. Narayanaswamy, Himansu Baijnath and Bharti Odhav (2014). Chemical composition of essential oil from the seed arils of *Strelitzia nicolai* from South Africa. *Journal Essential Oil bearing Plants*. Taylor & Francis, 17 (6):1373 – 1377.
67. Venugopala K. Narayanaswamy, **Raju K Chalannavar** Raquel M Gleiser and Bharti Odhav (2014). Anti-mosquitoes property of 2-substitute diphenyl/benzylamino- 6(4-chlorophenyl)-5-methoxycarbonyl-4- ethyl-3, 6- dihydropyrimidin-1-ium chlorides against the *Anopheles arabiensis* mosquito. *Medicinal Chemistry* 10: 2 pp.211-219. IF-1.27 ISSN:1573-4064.
68. **Raju K Chalannavar**, Venugopala K. Narayanaswamy, Himansu Baijnath and Bharti Odhav and Raquel M Gleiser (2013). Anti-mosquitoes properties of extracts from flowering plants in South Africa. *Tropical Biomedicine* 30(4):559-569. IF 0.90 ISSN: 0127-5720.**Raju K. Chalannavar**, Venugopala K. Narayanaswamy, Himansu Baijnath and Bharti Odhav.(2013).
69. Chemical composition of essential oil of *Psidium cattleianum* var. *cattlieanum* (Myrtaceae). *Journal of Medicinal Plant Research*. Vol. 7(13) pp. 783-789. IF 0.58 ISSN:1996-0875
70. Venugopala K. Narayanaswamy, Manjula K, Susant K K, Bhat K S, Jayashankergouda P V, **Raju K Chalannavar**, Bharti Odhav and Raquel M Gleiser (2013). Synthesis and anti-mosquitoes property of 2,6-substituted benzo (d) thiazole and 2,4-substituted benzo (d)

thiazole analogues against *Anopheles arabiensis*. *Euro Journal of Med Chem IF-3.90* **65: 295-303**. ISSN: 0009-4374.

71. Ravindra B. Malabadi, **Raju K. Chalannavar**, Neelambika T. Meti, Gangadhar S, Mulgund, K. Nataraja, S. Vijaya Kumar, Venugopala K. Narayanaswamy, Bharti Odhav. (2013). Detection of *Glutathione S-Transferase* gene (*GST2*, *GST3*) during induction of somatic embryogenesis in grape (*Vitis vinifera* L.). *Research in Biotechnology* **4(1): 01-11**.
72. **Raju.K.Chalannavar**, Venugopala K.N, H.Baijnath & B.Odhav. (2012). Chemical constituents of essential oil *Psidium cattleianum* var.*lucidum* (Myrtaceae). *Africa Journal of Biotechnology* Vol. **11(33)**, pp. **8341-8347**.
73. Ravindra B. Malabadi, **Raju K. Chalannavar**, Neelambika T.Meti, Gangadhar S.Mulgund, K. Nataraja, S. Vijaya Kumar. (2012). Synthesis of antimicrobial silver nanoparticles by callus cultures and *in vitro* derived Plants of *Catharanthus roseus*. *Research in Pharmacy* **2(6): 18-31, 2012**.
74. **Raju.K.Chalannavar**, H.Baijnath and B.Odhav. (2011). Chemical constituents of the essential oil from *Syzygium cordatum* (Myrtaceae). *African Journal of Biotechnology* Vol. **10(14)**, pp. **2741-2745**.
75. **Raju.K.Chalannavar**, Annapurna Agasthya Rajendra Goud & DVSSR Prakash (2011). Purification and characterization of enzyme alkaline phosphatase from *Bacillus subtilis*. *Asian Jr. of Microbiol. Biotech. Env. Sc.* Vol. **13 (3)** 1-6.
76. Rajendra Goud, Soham Gupta, Ujjwal Neogi, Deepali Agarwal, **Raju Chalannavar** and Gaddad Subhaschandra. (2011). Community prevalence of Methicillin and Vancomycin resistant *Staphylococcus aureus* in and around Bangalore, South India. *Rev Soc Bras Med Trop* **44(3):309-312**.
77. Ujjwal Neogi, Ruchi Saumya, Rashmi K Mishra and **Raju.K.Chalannavar**. (2007). Lipid Content and *in vitro* Antimicrobial Activity of Oil Seeds of Some Indian Medicinal Plants. *Current Research in Bacteriology*. **1-5**.
78. **Raju.K.Chalannavar**, Ujjwal Neogi, Ruchi Saumya & Rajendra Goud. (2007). Studies on Extra Cellular Enzyme Keratinase from Dermatophyte *Microsporum gypseum*. *International Journal of Biological chemistry* **1(3):174-178**. Annapurna. S.Agasthya and **Raju.K.Chalannavar**. (2007). Studies on prevalence of Dermatophytic Infections. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences* **9: 3 pp.717-770**.
79. Ch.Ramesh and **Raju K.Chalannavar**. (2007). Ecological studies of leaf litter from *Citrus aurantium*. Book on "Sustainable Environmental Management" by L.V. Gangavane and V.C.Khilare. Pp.**238-243**.
80. **Raju K. Chalannavar** and Ch.Ramesh. (2006). Fungal Diversity on Leaf Litter. Proceedings of 8th International Mycological Congress, Cairns, Australia. Editors: Wieland Meyer & Ceri Pears. **Medimond International Proceedings.Ref.code:20060820 ISBN: 978-88-7587-276-2**
81. **Raju K.Chalannavar** and Ch.Ramesh. (2006). Studies on litter fungi: Fungal colonization of *Achras sapota* and *Gliricidia maculata*. Proceedings of 8th International

Mycological Congress, Cairns, Australia. Editors: Wieland Meyer and Ceri Pears. **Medimond International Proceedings.Ref.code:20060820.ISBN:978-88-7587-276-2.**

82. Ch.Ramesh and **Raju K.Chalannavar. (2000).** Occurrence of microfungi of leaf litter in Dharwad. **Indian Phytopathology Golden Jubilee Proceedings.Vol.I:150-153.**
83. Ch.Ramesh and **Raju K. Chalannavar. (2000).** Studies on litter fungi: Fungal colonization of *Achras sapota* L. and *Swietenia mahagoni* leaf litter. **Ecology of Fungi. D.J.Bhat and S. Raghukumar (Eds.) pp.22-32.**
84. Ch. Ramesh and **Raju K. Chalannavar. (1998).** Preliminary studies on decomposition of leaf litter of *Citrus aurantium* L, Comparative evaluation of different isolation techniques. **Indian Phytopathology.Vol.51 (4): 385-386.**
85. **Raju K. Chalannavar** and Ch.Ramesh. (1996). Preliminary studies on litter fungi: Fungal colonization of *Acacia melanoxylon* R.Br. **Research Journal. Vol.4 (2):106-113.**

BOOK CHAPTERS

1. Deepak R. Kasai, Devi Radhika, **Raju K. Chalannavar**, Ravindra B. Chougale and Bhagyavana Mudigoudar (2022). A Study on Edible Polymer Films for Food Packaging Industry: Current Scenario and Advancements. *Advanced Rheology and Its Applications*. Intech Open 1-38.
2. **Raju K. Chalannavar**, T Myles, H Baijnath and B Odhav. (2015). The Antimosquito properties of Essential oils from South African Plants. **Plant Sciences and Biotechnology**. Krishnan & Rodrigues (Eds). pp 91-105. **ISBN: 978-81- 908791-4-9**
3. Manohara Acharya and **Raju Krishna Chalannavar** (2021). Ethnomedicinal plants used in treatment of skin diseases in Dakshina Kannada District, Karnataka, India. **Frontiers in Life Science**. Vol-I: 53-64. **ISBN: 97881951982-1-4.**
4. Manohara Acharya, Ravindra Malabadi and **Raju Krishna Chalannavar** (2022). Abating ethno medicinal knowledge. **Frontiers in Life Science**. Vol-IV: 74-78. **ISBN: 97893 91768-01-0.**

CONFERENCES NATIONAL AND INTERNATIONAL:

1. Divakar M S, **Raju Krishna Chalannavar**. Presented orally on “Evaluation of acute oral toxicity in ethyl acetate extract of *Syzygium kanarensis* (Talbot) Raizada leaves in Wistar albino rats as per OECD 425” in International Conference on Plant Biodiversity and Environment Conservation (ICPBEC-2021), 20-21 May-2021, **Punjab Biodiversity Board. Punjab.**
2. Divakar M S, **Raju Krishna Chalannavar**. Presented orally on “Acute oral toxicity studies of a methanol extract of the leaves of *Syzygium kanarensis* (Talbot) Raizada” in 4 th ICSTR Singapore –International Conference on Science and Technology Research, 15-16 November 2019, held at The National University of Singapore Society (NUSS), Organized by Scientific and Technical Research Association (STRA). **The Kent Ridge Guild House, 9 Kent Ridge Drive, Singapore.**
3. Sowmyashree K, **Raju Krishna Chalannavar**, Ghosh S.K, Nityasree B R and Supriya S (2019). Larvicidal Effect of Essential oils from *Psidium* species against Malaria Transmitting *Anopheles stephensi* mosquito. 55th Annual Scientific International conference of the

Malaysian Society of Parasitology and Tropical Medicine (MSPTM) on Scaling up efforts in tropical disease and vector control through evidence based research. **Intercontinental Hotel Kuala Lumpur, Malaysia.** 13th and 14th March 2019.

4. Nityasree B R, **Raju Krishna Chalannavar**, Ghosh S.K, Sowmyashree K & Supriya S (2019). Preliminary Screening of Larvicidal activity of some medicinal plants against Chikungunya transmitting mosquito, *Aedes aegypti* Linn. (Culicidae). 55th Annual Scientific International conference of the Malaysian Society of Parasitology and Tropical Medicine (MSPTM) on Scaling up efforts in tropical disease and vector control through evidence based research. **Intercontinental Hotel Kuala Lumpur, Malaysia.** 13th and 14th March 2019.
5. Sowmyashree K, **Raju Krishna Chalannavar** (2019) Participated in National Conference on Present Scenario of Basic and Applied Bioscience organized by Department of Zoology, Botany and Biotechnology at S.J.V.P college Autonomous, Harihar on 25th February 2019.
6. Nityasree B R, **Raju Krishna Chalannavar** (2019) Participated in National Conference on Present Scenario of Basic and Applied Bioscience organized by Department of Zoology, Botany and Biotechnology at S.J.V.P college Autonomous, Harihar on 25th February 2019.
7. Divakar M S, **Raju Krishna Chalannavar**. Presented orally on *In-vitro* study of cytotoxicity and qualitative analysis of phytochemical in leaf extract of *Syzygium kanarensis* (Talbot) Raizada” in International Conference on Medicinal Plants and Drug Discovery held on 18-20 July-2018, Bangalore, India.
8. Manohara A., and **Raju Krishna Chalannavar**. Participated and presented orally on “Ethnomedicinal plants used by Vasu pandith – a traditional healer of bantwala taluk” in the National interaction meeting of practitioners and researchers of traditional system of medicine held on 12th – 13th October 2017 at Kerala Forest Research Institute, Peechi, Trishur, Kerala.
9. Manohara A., and **Raju Krishna Chalannavar**. Participated and presented orally on “Documentation of Ethnomedicinal Plants used by “Nalike” Community for Paralysis in Bantwala Taluk, D. K.” in International Conference on **medicinal plants and drug discovery** held on 18th – 20th July 2018 at Bangalore.
10. Manohara A., and **Raju Krishna Chalannavar**. Participated and presented orally on “Deterioration of Traditional medicinal knowledge of Dakshina Kannada District” held on 15th – 17th September 2021 at 16th **Kannada Vijnana Sammelana**, Mangalore University, Mangalagangothri.
11. Sowmyashree K, **Raju Krishna Chalannavar** (2018) Participated in National workshop on Agrobiodiversity Conservation for sustainable socioecological development organized by Centre for Ecological Economics and Natural Resources (CEENR), Institute for Social and Economic Change (ISEC), Bangalore & Department of Applied Botany, Mangalore University Supported By Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science & Technology (DST), Govt. of India on 24th September 2018.
12. Sowmyashree K, **Raju Krishna Chalannavar**, Ghosh S.K, Nityasree B R & Supriya S (2018). Effect of essential oils of *Aegle marmelos* (L.) Corrêa and *Psidium guajava* L. on larvae of malaria vector *Anopheles stephensi*. International conference on Medicinal Plants and drug discovery. Bangalore. 18th to 20th July 2018.

13. Supriya S, **Raju Krishna Chalannavar**, Susanta K Ghosh(2018)Anti-larval activities of Essential Oils of *Psidium sp.* Against Dengue Causing Mosquito *Aedes aegypti* L. (Diptera: Culicidae). International conference organized on Medicinal plants and drug discovery. International conference on Medicinal Plants and drug discovery. Bangalore. 18th to 20th July 2018.
14. Nityasree B R, **Raju Krishna Chalannavar**, Susanta K Ghosh, Ravindra B. Malabadi (2018). Chemical Composition and Larvicidal Activity of Essential Oils Extracted from *Psidium sp.* against Chikungunya causing mosquito *Aedes aegypti* L. (Diptera: Culicidae). International conference on Medicinal Plants and drug discovery. Bangalore. 18th to 20th July 2018.
15. **Raju Krishna Chalannavar** (2017). Participated in International Conference on "Malaria in Global Health" at Nitte University held during 17th and 18th March 2017, Deralakatte, Mangalore, India.
16. **Raju K. Chalannavar** (2017).The Antimosquito properties of Medicinal Plants: Approaches and progress towards new medicines. World Biotechnology Congress 2017 held during February 20-22, 2017 JNU, New Delhi.India.
17. **Raju K. Chalannavar**, H Baijnath and B Odhav (2015). The Antimosquito properties of Indigenous Medicinal Plants: A Pathway to Global Development. **BRIDGES 2015 – International workshop on Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation.** 16-17 Jan 2015, at DST Centre for Policy Research, BBA Central University, Lucknow. **India.**
18. **Raju K Chalannavar** and B Odhav (2013). The antimosquito properties of indigenous South African Plants. 3 International Science Congress (ISC-2013). Karunya University, Coimbatore, Tamil Nadu.8th & 9th December 2013. **India.**
19. **Raju K Chalannavar**, Venugopala K N, Baijnath H and Odhav B (2012). Effect of *Psidium* species extracts on malaria causing mosquitoes *Anopheles arabiensis* Brazilian Chemical Society (SBQ). Division of Medicinal Chemistry.6th Brazilian Symposium on Medicinal Chemistry, 28th to 31st Nov 2012. **Brazil.**
20. **Raju K Chalannavar**, Venugopala K N, Baijnath H and Odhav B (2012). Synthesis and anti mosquito properties of methyl 2,6-diphenyl-1-*p*-tolyl-4-(*p*- tolylamino)-1,2,5,6-tetrahydropyridine-3-carboxylate. Brazilian Chemical Society (SBQ). Division of Medicinal Chemistry. 6th Brazilian Symposium on Medicinal Chemistry, 28th to 31st Nov 2012. **Brazil.**
21. **Raju K Chalannavar**, Baijnath H and Odhav (2011). The anti-mosquitoes properties of *Psidium* species – B.SASM Conference, Cape Town, 6-10 Nov 2011. **South Africa.**
22. **Raju K Chalannavar** (2010). Participated in Traditional Medicine Conference 27th July- 30th July 2010. **South Africa.**
23. **Raju. K. Chalannavar**, Prof Baijnath H and Odhav B (2009). Prebiotic Oligosaccharides from *Spirulina platensis*. At 50th Association of Microbiologist of India (AMI) Conference. Dec 15th - 18th 2009. National Chemical Laboratory (CSIR), Pune, **India.**
24. **Raju. K. Chalannavar**, Prof Baijnath H and Odhav B. Essential oils from *Cymbopogon nardus*

- (L.) Demonstrate anti-inflammatory potential. 20-23 September, Bio2Biz 2009 & SASM 09.Durban, **South Africa**.
- 25. Raju. K. Chalannavar** (2008). Attended and participated International microbial Biotechnology Conference and workshop on Metagenome, Jakarta, 11-13 November. **Indonesia**.
- 26. Raju. K. Chalannavar** and kalaivani (2007). "Diversity and ecological studies of aquatic fungi. Asian Mycology Congress, Grand Plaza, Park, Royal, Penanag, **Malayasia**.
- 27. Raju. K. Chalannavar** and kalaivani (2007). "Self-fusion of protoplast enhances chitinase production in *Trichoderma roseum*". Asian Mycology Congress, Grand Plaza, Park Royal, Penanag, **Malayasia**.
- 28. Raju.K.Chalannavar** (2006). "Fungal Diversity on Leaf Litter" at 8th International Mycological Congress held at Cairns, Queensland, **Australia**.
- 29. Raju.K.Chalannavar** (2006). "Studies on Litter Fungi-Fungal colonization of *Achras sapota* and *Gliricidia maculata*" at 8th International Mycological Congress held at Cairns, Queensland, **Australia**.
- 30. Raju Krishna Chalannavar** (2016). Participated in National seminar and Workshop on Functional Nanomaterials for energy, Environment and Health. Held during 21st & 22nd March 2016 at Mangalore University, Mangalagangothri.India.
- 31. Sowmyashree K, Raju Krishna Chalannavar** (2018). Participated in National Seminar on Life Science for the Life organized by Department of Zoology, Botany and Biotechnology at S.J.V.P College Autonomous, Harihar on 2nd April 2018 at Harihar.
- 32. Nityasree B R, Raju Krishna Chalannavar** (2018). "Preliminary studies on Larvicidal Activity of Psidium sps. Against Chikungunya transmitting mosquito" in National seminar conducted by S.J.V.P College Autonomus, Harihar.
- 33. Sowmyashree K, Raju Krishna Chalannavar, Ravindra B Malabadi, Nityasree B R &Supriya S** (2017). Phytochemical Investigation, In-vitro Antioxidant and Anti-mosquito Activity of *Premna mollissima* Roth. Trends in Bioactive Natural Products and Health Care. BNP HC 2017. National Conference organised by Department of Studies in Biochemistry, Mangalore University, Post graduate centre, ChikkaAluvara, Kodagu. 6th and 7th October.
- 34. Nityasree B R, Raju Krishna Chalannavar** (2017). Preliminary studies on phytochemicals, in-Vitro antioxidant and larvicidal activities of *Careyaarborearoxb*. Fruit extract on chikungunya transmitting mosquito *Aedesaegypti*.Trends in Bioactive Natural Products and Health Care. BNP HC 2017. National Conference organised by Department of Studies in Biochemistry, Mangalore University, Post graduate centre, ChikkaAluvara, Kodagu. 6th and 7th October 2017.
- 35. Supriya S, Raju Krishna Chalannavar , Ravindra B Malabadi, Nityasree B R &Sowmyashree K** (2017). Preliminary Screening Of Botanical Extracts And Its Impact On Dengue Causing Mosquito *Aedes aegypti* Larvae. Trends in Bioactive Natural Products and Health Care. BNP HC 2017. National Conference organised by Department of Studies in Biochemistry, Mangalore University, Post graduate centre, ChikkaAluvara, Kodagu. 6th and 7th October 2017.

36. Sowmyashree K, **Raju Krishna Chalannavar** & Ravindra B Malabadi (2017). Anti-mosquito Properties of *Sphagneticolatrilibata*(L.) Pruski against Malaria Transmitting Mosquito *Anopheles stephensi*. Reaching the Unreached Through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment. Indian Science Congress Association 2017. National Conference organised by Mangalore university of Science and technology in association with The Indian Science Congress Association (ISCA). 8th and 9th September.
37. Nityasree B R, **Raju Krishna Chalannavar** (2017). Preliminary studies on screening of phytochemicals and larvicidal activity of *Centratherrumpunctatum*cass. On chikungunya transmitting mosquito *Aedesaegypti*. Reaching the Unreached Through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment. Indian Science Congress Association 2017. National Conference organised by Mangalore university of Science and technology in association with The Indian Science Congress Association (ISCA). 8th and 9th September.
38. Supriya S, **Raju Krishna Chalannavar** & Ravindra B Malabadi (2017). Preliminary Studies on Phytochemicals and Larvicidal Activity of *Punicagranatum* L. Leaf Extract on Dengue Transmitting Mosquito *Aedesaegypti*. Reaching the Unreached Through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment. Indian Science Congress Association 2017. Mangalore University, Mangalagangothri. 8th and 9th September.
39. Sowmyashree K, **Raju Krishna Chalannavar** (2017). Participated in Three days special Lecture series on recent trends in Botanical Sciences. Department of Applied Botany, Mangalagangothri and Karnataka Science and Technology Academy, Bangalore. 26th to 28th October.12.
40. Sowmyashree K, **Raju Krishna Chalannavar** (2017). Participated in International workshop on Peripheral Smear based Malarial Parasite identification and load estimation. K.S Hegde Medical Academy, Nitte University, Mangalore.17th and 18th March. 35.
41. Supriya S, **Raju Krishna Chalannavar** (2017). Participated in a workshop on Peripheral Smear Based Malarial Parasite Identification and Load Estimation. K.S Hegde Medical Academy, Nitte University, Mangalore.17th and 18th March.36.
42. Nityasree B R, **Raju Krishna Chalannavar** (2017). Participated in a workshop on Peripheral Smear Based Malarial Parasite Identification and Load Estimation. K.S Hegde Medical Academy, Nitte University, 17th and 18th March 2017. Mangalore.
43. Nityasree B R, **Raju Krishna Chalannavar** (2016). National Workshop on “Theory and practice of Molecular Structure Determination using X-ray Crystallography” organized by DST – PURSE laboratory, 3th to 5th March 2016. Mangalore University.
44. Supriya S, **Raju Krishna Chalannavar** (2016). Participated in XI Joint Annual Conference of ISMOCD & IAE. Public Health in Digital India and Swatch Bharat. ISMOCD & IAE. Bangalore.11th and 12th June. 39.
45. Nityasree B R, **Raju Krishna Chalannavar** (2016). Participated in XI Joint Annual Conference of ISMOCD & IAE. Public Health in Digital India and Swatch Bharat. ISMOCD & IAE. 11th and 12th June 2016. Bangalore.

46. Sowmyashree K, **Raju Krishna Chalannavar** (2016). Participated in XI Joint Annual Conference of ISMOCD & IAE. Public Health in Digital India and Swatch Bharat. ISMOCD & IAE. Bangalore. 11th and 12th June 2016.
47. **Raju K. Chalannavar**, Venugopala K. Narayanaswamy, Himansu Baijnath and Bharti Odhav(2015). Presented paper on “The Antimosquito properties of Essential oils from South African Plants”. By National seminar on New Frontiers in Plant Sciences and Biotechnology, Goa University, 29-30 Jan 2015.42.
48. **Raju K. Chalannavar** (2015). Participated in Two Day Workshop on Radiation-Its Applications in Physical, Chemical and Life Sciences Conducted by Department of Physics & UGC-DAE CONSORTIUM FOR SCIENTIFIC RESEARCH KOLKATA CENTRE on dated 24th to 25th June 2015 at Mangalore University, Mangalore.
49. **Raju K. Chalannavar** (2015). Participated in One Day Workshop on Biological Diversity Act – 2002 Conducted by Karnataka Biodiversity Board on dated 31st Jan 2015 at Mangalore University, Mangalore.
50. **Raju K. Chalannavar** (2014). Participated in 3rd Annual meeting & symposium conducted by Society of Biological Chemists (India) Coastal Karnataka Chapter. Held during 25th October 2014 at School of Life Sciences, Manipal University, Manipal. India.
51. **Raju K. Chalannavar** (2008). Participated in XXI Annual Conference (NESA) on “Urban Environment-Present Scenario and Future Strategies” held Central College, Bangalore University, Bangalore from 27th -29th Dec 2008. **India.**
52. **Raju K. Chalannavar** (2006). Participated in National Seminar on Fungal Biodiversity, Biotechnology and Bioinformatics (NSFBBB) and 32nd Annual Meeting of Mycological Society of India (MSI) HELD AT Bangalore From 2nd -3rd February, 2006. **India.**
53. **Raju K. Chalannavar** (2006). Participated in National Seminar on Plant Resources of Western Ghats, Ecology, Economics and Conservation held at Sathish Dhawan Auditorium, IISc Campus, Bangalore on 7th and 8th December 2006. **India.**
54. **Raju K. Chalannavar** and Ch.Ramesh (2000). “Studies on litter fungi-Mycoflora of *Ficus benjamina*” at a National symposium on Biotechnology of plant protection-application and technology development held at the Center of Advanced Study in Botany, Banaras Hindu University, India, **2000.**
55. **Raju K. Chalannavar** and Ch.Ramesh (1998). “Studies on litter fungi-Fungal colonization of *Achras sapota* and *Swetenia mahagoni leaf* litter” at an International symposium on “Ecology of fungi” held at Goa University, Goa, **India.**
56. CH. Ramesh and **Raju.K.Chalannavar** (1997). “Occurrence of microfungi on leaf litter in Dharwad”. at an International conference on “Integrated Plant Disease Management for Sustainable Agriculture” at Indian Agricultural Research Institute, New Delhi, **India.**
57. Ch.Ramesh and **Raju.K.Chalannavar** (1997). “Studies on Litter fungi-Mycoflora of *Citrus aurantium*”L. at 84th session of ISCA held at New Delhi, **India.**

- 58.** Ch.Ramesh and **Raju.K.Chalannavar** (1997). “Studies on litter fungi-Fungal colonization of *Psidium guajava* L. Leaf litter” at a National symposium on “Fungi in Diversified Habitat” organized by the Department of Botany, Osmania University, and Hyderabad, **India**.
- 59.** **Raju. K. Chalannavar** and Ch.Ramesh (1996). “Preliminary studies on litter fungi-Fungal colonization of *Acacia melanoxylon R.Br.*” at National seminar on “Recent advances in Botany” at Yeshavantrao Chavan Institute of Sciences, Satara, Maharashtra, **India**.
- 60.** Ch.Ramesh and **Raju.K.Chalannavar** (1996). “Preliminary studies on decomposition of leaf litter of *Citrus aurantium* L. Comparative evaluation of different isolation techniques” at 83rd session of ISCA held at Patiala Punjab, **India**.