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|----|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Name                                                                     | <b>Dr. KIRAN P. KOLKAR</b><br>                                     |
| 2  | Designation                                                              | <b>Professor</b>                                                                                                                                     |
| 3  | Qualification                                                            | M.Sc. , M.Phil., Ph.D.,                                                                                                                              |
| 4  | Awards                                                                   | BEST PAPER PRESENTATION 2004                                                                                                                         |
| 5  | Institution                                                              | <b>Dr. KIRAN P. KOLKAR</b><br>Department of Botany,<br>Karnatak University's, Karnatak Science College,<br>Dharwad – 580 001 <b>Karnataka, India</b> |
| 6  | Residential Adders                                                       | <b>Dr. KIRAN P. KOLKAR</b><br>PlotNo, <b>14</b> and <b>15</b> , PoornKiran . Gurudev<br>Atmanand Nagar, Dharwad,<br>Karnataka – 580 008              |
| 7  | Area of specialization                                                   | Reproductive Physiology and morphogenesis of<br>Medicinal Plants                                                                                     |
| 8  | Mobile Number<br>Email ID<br>UUCMS ID<br>Vidwan ID                       | <b>9986096876</b><br><a href="mailto:Kpkolkar_kcd@rediffmail.com">Kpkolkar_kcd@rediffmail.com</a><br><b>26339</b><br><b>240082</b>                   |
| 9  | No. of papers published                                                  | Papers Published 2018 onwards = 95                                                                                                                   |
| 10 | <b>Citations</b>                                                         | <b>2111</b> (for 74 research papers as on 10/07/2024)<br><b>h-index 21</b><br><b>i10index 34</b>                                                     |
| 11 | Resource Person                                                          |                                                                                                                                                      |
| 12 | Papers presented in<br>seminars / conferences /<br>workshops / symposium | <b>04</b> (2018 onwards)                                                                                                                             |
| 13 | Attended Conference<br>/Seminar/ Symposium etc.                          | <b>56</b>                                                                                                                                            |
| 14 | Guiding M.Sc. Students 16                                                | 2023: <b>8</b><br>2024: <b>8</b><br>2025: <b>8</b>                                                                                                   |
| 15 | Research Guiding for<br>Ph.D.                                            | Working <b>05</b>                                                                                                                                    |
| 16 | Conferences                                                              | Worked as Joint Secretary                                                                                                                            |
| 17 | Completed Research<br>Projects:                                          | <b>01</b>                                                                                                                                            |

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(Total 95 papers published as of today dated 9th September 2025)

- 95) **Kolkar KP**, Malabadi RB, Chalannavar RK (2025) Role of *Cannabis sativa* on wound healing: An update. GSC Biological and Pharmaceutical Sciences. 32(03): 088–102.
- 94) Chalannavar RK, Malabadi RB\*, Hosamani PA, **Kolkar KP**, Divakar MS, Nethravathi TL (2025) Applications of 3D Printing in Plant Science-An Updated Review. GSC Advanced Research and Reviews. 24(02): 128-163.
- 93) Malabadi RB\*, Chalannavar RK, **Kolkar KP** (2025) Plant cell totipotency: Plant tissue culture applications-An updated review. World Journal of Advanced Engineering Technology and Sciences. 16(02): 112-135.
- 92) **Kolkar KP**, Malabadi RB\*, Chalannavar RK, Divakar MS, **Moramazi S** (2025) Probiotic hemp milk-market growth: An updated review. World Journal of Biology, Pharmacy and Health Sciences. 23(02): 133-143.
- 91) **Kolkar KP**, Annapurna S, Malabadi RB\*, Jayashree BK, Chalannavar RK, Divakar MS, Karamchand KS, Bajinath H (2025) Indian probiotic food: Gut health management: An updated review. World Journal of Biology Pharmacy and Health Sciences. 23(01): 431-447
- 90) Chalannavar RK, **Kolkar KP**, Divakar MS, Malabadi RB, Karamchand KS, Bajinath H (2025) Microplastic pollution in agriculture soil: An updated review. World Journal of Advanced Engineering Technology and Sciences. 16(01): 484-497.
- 89) Jayashree KB, Chalannavar RK, Nandini N, Malabadi RB\*, **Kolkar KP**, Divarkar MS (2025) Yeast probiotics fermented food products: Gut microbiome and Women health. World Journal of Advanced Research and Reviews. 27(01):1209-1230.
- 88) Chalannavar RK, Malabadi RB\*, **Kolkar KP**, Divarkar MS, Swathi, Karamchand KS, Nandini N, Munhoz ANR (2025) Probiotics: Health benefits-An update. World Journal of Advanced Engineering Technology and Sciences. 15(03): 2395-2403.
- 87) **Kolkar KP**, Malabadi RB, Chalannavar RK, Divakar MS, Swathi, Karamchand KS, Munhoz ANR (2025) Plastic pollution-Microplastics: Cancer related issues. World Journal of Biology Pharmacy and Health Sciences. 22(03); 329-336.
- 86) Chalannavar RK, Malabadi RB, Kolkar KP, Divarkar MS, Swathi, Karamchand KS, Nandini N, Munhoz ANR (2025) Probiotic Yeasts-An Updated Review. Magna Scientia Advanced Biology and Pharmacy. 15(01): 49-59.

- 85) Chalannavar RK, Kamble AA, Malabadi RB\*, Divakar MS, Swathi, Karamchand KS, **Kolkar KP**, Moramazi S, Munhoz ANR, Castaño Coronado KV (2025) Microplastics: Detection methods-An update. World Journal of Advanced Research and Reviews. 26(02): 2809-2824.
- 84) Chalannavar RK, Malabadi RB\*, Divakar MS, Swathi, Karamchand KS, Kamble AA, **Kolkar KP**, Castaño Coronado KV, Munhoz ANR, (2025) Microplastic in food chain-Major health issues-An update. World Journal of Advanced Research and Reviews. 26(01), 4067-4074.
- 83) Chalannavar RK, Divakar MS, Kumar A, Malabadi RB\*, Swathi, Kamble AA, Karamchand KS, **Kolkar KP**, Moramazi S, Munhoz ANR, Castaño Coronado KV (2025) Wound Healing: Traditional plant based and Modern wound dressing-An update. International Journal of Biological and Pharmaceutical Sciences Archive. 09(02): 044-066.
- 82) **Kolkar KP**, Malabadi RB\*, Chalannavar RK, Swathi, Divakar MS, Karamchand KS, Kamble AA, Castaño-Coronado KV, Munhoz ANR (2025) Microplastic pollution in India-Evidence of major health concern. World Journal of Advanced Research and Reviews. 26(01): 1420-1436.
- 81) **Kolkar KP**, Malabadi RB\*, Chalannavar RK, Divakar MS, Swathi, Kamble AA, Karamchand KS, Castaño-Coronado KV, Munhoz ANR, Mammadova SS (2025) Microplastic pollution-A major health problem-An update International Journal of Science and Research Archive. 14(03): 1551-1561.
- 80) Chalannavar RK, Divakar MS, Kamble AA, Malabadi RB\*, Swathi, Karamchand KS, Nethravathi TL, **Kolkar KP**, Mammadova SS, Munhoz ANR (2025) Applications of 3D printing technology and limitations-An update Global Journal of Engineering and Technology Advances, 22(03), 202-215.
- 79) Chalannavar RK, Divakar MS, Malabadi RB\*, Kamble AA, Swathi, Karamchand KS, **Kolkar KP**, Castaño- Coronado KV, Munhoz ANR (2025) Plant derived Starch for the Production of Biodegradable plastic. Global Journal of Engineering and Technology Advances, 22(03), 202-215.
- 78) **Kolkar KP**, Malabadi RB\*, Chalannavar RK, Divakar MS, Swathi, Kamble AA, Karamchand KS, Castaño-Coronado KV, Munhoz ANR, Mammadova SS (2025) Industrial *Cannabis sativa* (Fiber or Hemp): Hemp Cottonization-Advantages and Current Challenges. International Journal of Science and Research Archive. 14(03): 1233-1267.
- 77) Chalannavar RK, Swathi, Malabadi RB, Divakar MS, Komalakshi KV, Angitha B, Kamble AA, Karamchand KS, **Kolkar KP**, Munhoz ANR (2025) Role of botanical weapon for controlling cancer-an update. World Journal of Biology, Pharmacy and Health Sciences. 21(03), 335-360.
- 76) Chalannavar RK, Malabadi RB, Divakar MS, Swathi Komalakshi KV, Angitha B, Kamble AA, Karamchand KS, **Kolkar KP**, Castaño Coronado KV, Munhoz

ANR (2025) Biodegradable plastics-advantages and challenges: An update. Open Access Research Journal of Science and Technology. 13(02), 042-056

- 75) Malabadi RB, Chalannavar RK, Divakar MS, Swathi, Komalakshi KV, Kamble AA, Karamchand KS, **Kolkar KP**, Nethravathi TL, Castaño Coronado KV, Munhoz ANR (2025) Industrial *Cannabis sativa* (Fiber or Hemp): 3D printing-hempcrete-A sustainable building material. World Journal of Advanced Engineering Technology and Sciences. 14(02): 253-282.
- 74) Chalannavar RK, Malabadi RB, Divakar MS, Swathi, Komalakshi KV, Kamble AA Kishore S. Karamchand KS, **Kolkar KP**, Castaño Coronado KV, Munhoz ANR (2025) Industrial *Cannabis sativa* (Fiber or Hemp): Hemp made Leather. World Journal of Advanced Research and Reviews. 25(02): 2207-2218.
- 73) Malabadi RB, **Kolkar KP**, Chalannavar RK, Munhoz ANR (2025) *In vitro* Anther culture and Production of Haploids in *Cannabis sativa*. Open Access Research Journal of Science and Technology. 13(01): 001-020. (<https://doi.org/10.53022/oarjst.2025.13.1.0150>).
- 72) Malabadi RB, **Kolkar KP**, Castaño Coronado KV, Chalannavar RK (2025) *Cannabis sativa*: Quality control testing measures and guidelines: An update. World Journal of Advanced Engineering Technology and Sciences. 14(01): 110-129.
- 71) Malabadi RB, **Kolkar KP**, Chalannavar RK, Baijnath H (2025) Plant Based Leather Production-An update. World Journal of Advanced Engineering Technology and Sciences. 14(01): 031-059.

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- 70) Malabadi RB, **Kolkar KP**, Chalannavar RK, Baijnath H (2024) *Cannabis sativa*: Polyploidization - Triploid and Tetraploid Production. World Journal of Biology Pharmacy and Health Sciences. 20(03): 567-587.
- 69) Malabadi RB, **Kolkar KP**, Chalannavar RK, Baijnath H (2024) *Cannabis sativa*: Monoecious species and **Hermaphroditism**: Feminized seed production- A breeding effort. World Journal of Biology Pharmacy and Health Sciences. 20(03): 169-183. DOI: <https://doi.org/10.30574/wjbphs.2024.20.3.0968>
- 68) Malabadi RB, **Kolkar KP**, Chalannavar RK, Baijnath H (2024) *Cannabis sativa*: Extraction Methods for Phytocannabinoids -An Update. World Journal of Biology Pharmacy and Health Sciences. 20(03): 018–058.
- 67) Malabadi RB, **Kolkar KP**, Saini I, Veena Sharada B, Chalannavar RK (2024) Bael (*Aegle marmelos* (L.): Ethnobotany, Phytochemistry and Pharmacology: Cultivated varieties in India -An Update. World Journal of Biology Pharmacy and Health Sciences. 20(02): 071–112.

- 66) Malabadi RB\*, Nethravathi TL, **Kolkar KP**, Saini I, Veena Sharada B, Chalannavar RK, Castaño Coronado KV, Chinnasamy B (2024) Role of **LED** (Light Emitting Diode) Light illumination on the Growth of Plants in Greenhouse Farming-Hydroponics: IOT Technology. World Journal of Advanced Research and Reviews. 24(02); 212–245.
- 65) Malabadi RB, Saini I, **Kolkar KP**, Chalannavar RK, Castaño- Coronado KV, Mammadova SS, Baijnath B, Munhoz ANR, Abdi G (2024) Hydroponic: Factors influencing the Growth of the Plants: Vertical Farming-Carbon Footprint. Open Access Research Journal of Science and Technology. 12(01); 060–084.
- 64) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Castaño- Coronado KV, Mammadova SS, Baijnath B, Munhoz ANR, Abdi G (2024) Greenhouse farming: Hydroponic vertical farming- Internet of Things (IOT) Technologies: An updated review. World Journal of Advanced Research and Reviews. 23(02), 2634–2686.
- 63) Malabadi RB\*, Sadiya MR, **Kolkar KP**, Chalannavar RK, Mammadova SS, Baijnath H, Munhoz, ANR, Abdi G (2024) Tea (*Camellia sinensis*) leaves accumulate higher levels of Aluminum: Potential Health Risk- Alzheimer's disease (AD): An updated review of evidence. GSC Advanced Research and Reviews. 20 (1):313-337.
- 62) **Kolkar KP**, Malabadi RB\*, Sadiya MR, Chalannavar RK (2024) Updates on some medicinal and ornamental plants-*Ayurvedic* medicines. World Journal of Advanced Research and Reviews. 23(01): 111–147.
- 61) Malabadi RB, Sadiya MR, **Kolkar KP**, Mammadova SS, Chalannavar RK, Baijnath H (2024) Role of Plant derived-medicine for controlling Cancer. International Journal of Science and Research Archive. 11(01): 2502–2539.
- 60) Malabadi RB, Sadiya MR, Prathima TC, **Kolkar KP**, Mammadova SS, Chalannavar RK (2024) Cannabis sativa: Cervical cancer treatment- Role of phytocannabinoids-A story of concern. World Journal of Biology, Pharmacy and Health Sciences. 17(02): 253–296.
- 59) Malabadi RB, Mammadova SS, **Kolkar KP**, Sadiya MR, Chalannavar RK, Karen Viviana Castaño Coronado (2024) Cannabis sativa: A therapeutic medicinal plant-global marketing updates. World

Journal of Biology, Pharmacy and Health Sciences. 17(02):170–183.

- 58) Malabadi RB, Sadiya MR, **Kolkar KP**, Chalannavar RK (2024) Pathogenic Escherichia coli (E. coli) food borne outbreak: Detection methods and controlling measures. Magna Scientia Advanced Research and Reviews.10(01), 052–085.

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- 54) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Baijnath H (2023). Cannabis sativa: Difference between Medical Cannabis (marijuana or drug) and Industrial hemp. GSC Biological and Pharmaceutical Sciences. 24(03): 377-381.
- 53) Malabadi RB\*, Nethravathi TL, **Kolkar KP**, Chalannavar RK, Mudigoudra BS, Abdi G, Munhoz ANR, Baijnath H (2023). Cannabis sativa: One Plant-One-Medicine for many diseases-Therapeutic uses-A review of evidence. International Journal of Research and Innovations in Applied Science (IJRIAS). 8(8): 132-174.
- 52) Malabadi RB\*, Nethravathi TL, **Kolkar KP**, Chalannavar RK, Mudigoudra BS, Abdi G, Munhoz ANR, Baijnath H (2023). Fungal Infection Diseases- Nightmare for Cannabis Industries: Artificial Intelligence Applications. International Journal of Research and Innovations in Applied Science (IJRIAS). 8(8): 111-131.
- 51) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Abdi G, Munhoz ANR, Baijnath H (2023). Cannabis sativa: Dengue Viral Disease-Vector Control Measures. International Journal of Innovation Scientific Research and Review. 5(8): 5013-5016.
- 50) Malabadi RB\*, **Kolkar KP**, Brindha C, Chalannavar RK, Abdi G, Baijnath H, Munhoz ANR, Mudigoudra BS (2023). Cannabis sativa: Autoflowering and Hybrid Strains. International Journal of Innovation Scientific Research and Review. 5(7): 4874-4877.
- 49) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Munhoz ANR, Abdi G, Baijnath H (2023). Cannabis sativa: Dioecious into Monoecious Plants influencing Sex Determination. International Journal of Research and Innovations in Applied Science (IJRIAS). 8(7): 82-91.
- 48) Malabadi RB\*, Nethravathi TL, **Kolkar KP**, Chalannavar RK, Mudigoudra BS, Abdi G, Baijnath H (2023) Cannabis sativa: Applications of Artificial intelligence (AI) in Cannabis industries: In Vitro plant

tissue culture. International Journal of Research and Innovations in Applied Science (IJRIAS). 8 (7): 21-40.

- 47) Malabadi RB\*, Nethravathi TL, **Kolkar KP**, Chalannavar RK, Mudigoudra BS, Lavanya L, Abdi G, Baijnath H (2023) Cannabis sativa: Applications of Artificial Intelligence and Plant Tissue Culture for Micropropagation. International Journal of Research and Innovations in Applied Science (IJRIAS). 8(6):117-142.
- 46) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Mondal M, Lavanya L, Abdi G, Baijnath H (2023) Cannabis sativa: Release of Volatile Organic Compounds (VOCs) Affecting Air Quality. International Journal of Research and Innovations in Applied Science (IJRIAS). 8(5): 23-35.
- 45) Malabadi RB, **Kolkar KP**, Chalannavar RK, Lavanya L, Abdi G (2023) Medical Cannabis sativa (Marijuana or drug type): Psychoactive molecule,  $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC). International Journal of Research and Innovations in Applied Science. 8(4): 236-249.
- 44) Malabadi RB, **Kolkar KP**, Chalannavar RK, Lavanya L, Abdi G, Baijnath H (2023) Cannabis products contamination problem: A major quality issue. 5(4): 4402-4405.
- 43) Malabadi RB, **Kolkar KP**, Chalannavar RK, Lavanya L, Abdi G (2023) Hemp Helps Human Health: Role of Phytocannabinoids. International Journal of Innovation Scientific Research and Review. 2023; 5 (4): 4340-4349.
- 42) Malabadi RB, **Kolkar KP**, Chalannavar RK, Lavanya L, Abdi G (2023) Cannabis sativa: Botany, Cross Pollination and Plant Breeding Problems. International Journal of Research and Innovations in Applied Science (IJRIAS). 8 (4): 174-190.
- 41) Malabadi RB, **Kolkar KP**, Chalannavar RK, Lavanya L, Abdi G (2023) Cannabis sativa: The difference between  $\Delta^8$ -THC and  $\Delta^9$ -Tetrahydrocannabinol (THC). International Journal of Innovation Scientific Research and Review. 5(4): 4315-4318.
- 40) Malabadi RB, **Kolkar KP**, Chalannavar RK (2023) Cannabis sativa: Industrial Hemp (fiber-type)- An emerging opportunity for India. International Journal of Research and Scientific Innovations (IJRSI). X (3):01-9.
- 39) Malabadi RB, **Kolkar KP**, Chalannavar RK (2023) Cannabis sativa: Hempcrete-A plant based and Eco-friendly building

construction material. International Journal of Research and Innovation in Applied Sciences. 8 (3):67-78.

- 38) Malabadi RB, **Kolkar KP**, Chalannavar RK (2023)  $\Delta$ 9-Tetrahydrocannabinol (THC): The major Psychoactive Component is of Botanical origin. International Journal of Innovation Scientific Research and Review. 5(3): 4177-4184.
- 37) Malabadi RB, **Kolkar KP**, Chalannavar RK (2023) Medical Cannabis sativa (Marijuana or Drug type); The story of discovery of  $\Delta$ 9-Tetrahydrocannabinol (THC). International Journal of Innovation Scientific Research and Review. 5: (3)4134-4143.
- 36) Malabadi RB, **Kolkar KP**, Chalannavar RK (2023) Cannabis sativa: Industrial hemp (fiber type)-An Ayurvedic Traditional Herbal Medicine. International Journal of Innovation Scientific Research and Review. 5(2): 4040-4046.
- 35) Malabadi RB, **Kolkar KP**, Acharya M, Chalannavar RK (2023) Cannabis sativa: Medicinal plant with 1000 Molecules of Pharmaceutical Interest. International Journal of Innovation Scientific Research and Review. 5(2): 3999-4005.
- 34) Malabadi RB, **Kolkar KP**, Chalannavar RK (2023) Cannabis sativa: Ethnobotany and Phytochemistry. International Journal of Innovation Scientific Research and Review. 5(2): 3990-3998.
- 33) Acharya M, Chalannavar RK, Divakar MS, Malabadi RB, Kuladeep PP, **Kolkar KP** (2023) Exploration of ethnomedical knowledge of 'Gowda community' of Sullia Taluk, Dakshina Kannada district, Karnataka, India. Biomedicine. 43(1):130-139.
- 32) Malabadi RB, **Kolkar KP**, Chalannavar RK, Acharya M, Mudigoudra BS (2023) Cannabis sativa: 2023-Outbreak and Re-emergence of Nipah virus (NiV) in India: Role of Hemp oil. GSC Biological and Pharmaceutical Sciences. 25(01), 063–077.
- 31) Malabadi RB, Sadiya MR, **Kolkar KP**, Lavanya L, Chalannavar RK (2023) Quantification of THC levels in different varieties of Cannabis sativa. International Journal of Science and Research Archive. 10(02): 860–873.
- 30) Malabadi RB\*, Sadiya MR, **Kolkar KP**, Chalannavar RK (2023) Biodiesel production via transesterification reaction. Open Access Research Journal of Science and Technology. 09(02): 010–021.

- 29) Malabadi RB\*, Sadiya MR, **Kolkar KP**, Chalannavar RK (2023) Biodiesel production: An updated review of evidence. International Journal of Biological and Pharmaceutical Sciences Archive. 06(02): 110–133.
- 28) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2023) Industrial Cannabis sativa: Hemp oil for biodiesel production. Magna Scientia Advanced Research and Reviews. 09(02): 022–035.
- 27) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2023) Industrial Cannabis sativa: Role of hemp (fiber type) in textile industries. World Journal of Biology, Pharmacy and Health Sciences. 16(02): 001–014.
- 26) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Vassanthini R, Mudigoudra BS (2023) Industrial Cannabis sativa: Hemp Plastic-Updates. World Journal of Advanced Research and Reviews. 20(01): 715–725.
- 25) Malabadi RB\*, **Kolkar KP**, Chalannavar RK, Acharya M, Mudigoudra BS (2023) Industrial Cannabis sativa: Hemp-Biochar- Applications and Disadvantages. World Journal of Advanced Research and Reviews. 20(01): 371–383.

## 2022

- 24) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2022) Human Monkeypox detected first time in India: Role of Traditional Herbal Treatment. International Journal of Innovation Scientific Research and Review. 4(12): 3686-3691.
- 23) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (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. 4(11): 3562-3574.
- 22) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2022) Plant Natural Pigment Colorants-Health Benefits: Toxicity of Synthetic or Artificial Food Colorants. International Journal of Innovation Scientific Research and Review. 4(10): 3418-3429.
- 21) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2022) Sweet Sorghum for Biofuel energy : Grain sorghum for Food and Fodder- Phytochemistry and Health benefits. International Journal of Innovation Scientific Research and Review. 4(9): 3305-3323.

- 20) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2022) White and Brown rice- Nutritional value and Health benefits: Arsenic Toxicity in Rice plants. International Journal of Innovation Scientific Research and Review. 4(7): 3065-3082.
- 19) Malabadi RB\*, **Kolkar KP**, Acharya M, Nityasree BR, Chalannavar RK (2022) Monkeypox :A disturbing viral outbreak in non-endemic region in 2022: Herbal treatment options. International Journal of Innovation Scientific Research and Review. 4(6): 2926-2938.
- 18) Malabadi RB\*, **Kolkar KP**, Acharya M, Nityasree BR, Chalannavar RK (2022) Wound Healing: Role of Traditional Herbal Medicine Treatment. International Journal of Innovation Scientific Research and Review. 4(6): 2856-2874.
- 17) Malabadi RB\*, **Kolkar KP**, Acharya M, Chalannavar RK (2022) Tea (Camellia sinensis): Phytochemistry and Health Benefits- Tea Cup that Cheers has Tears. International Journal of Innovation Scientific Research and Review. 4(4): 2620-2633,
- 16) Malabadi RB\*, **Kolkar KP**, Acharya M, Chalannavar RK (2022) Constipation-A major health disorder: Role of herbal medicine treatment. International Journal of Innovation Scientific Research and Review. 4(4): 2634-2645.
- 15) Malabadi RB\*, **Kolkar KP**, Acharya M, Divakar MS, Chalannavar RK (2022) Diabetes mellitus: Role of Botanical Pharmacy. International Journal of Innovation Scientific Research and Review. 4(3): 2536-2541.
- 14) Malabadi RB\*, **Kolkar KP**, Acharya M, Chalannavar RK (2022) METFORMIN: A novel Antidiabetic drug of Botanical origin. International Journal of Innovation Scientific Research and Review. 4(2): 2411-2415.

## **2021**

- 13) Malabadi RB\*, **Kolkar KP**, Chalannavar RK (2021) Natural plant gum exudates and mucilages: Pharmaceutical updates. International Journal of Innovation Scientific Research and Review. 3(10): 1897- 1912.
- 12) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) The iconic Baobab (Adansonia digitata L. ): Herbal medicine for controlling coronavirus (SARS-CoV-2) disease (Covid-19).

- 11) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Triphala: An Indian Ayurvedic herbal formulation for coronavirus (SARS-CoV-2) disease (Covid-19). International Journal of Current Research in Biosciences and Plant Biology. 8(8) 18-30. (DOI: <https://doi.org/10.20546/ijcrbp.2021.808.003>).
- 10) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) An age old Botanical weapon for Herbal therapy: Camphor tree, Cinnamomum camphora. International Journal of Innovation Scientific Research and Review. 3(7): 1518-1523.
- 9) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (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 Innovations. 8(6): 59-70 (DOI: 10.51244/IJRSI.2021.8603).
- 8) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Recent updates on Leishmaniasis: Kala-Azar outbreak, risk factors and herbal treatment. International Journal of Current Research in Biosciences and Plant Biology. 8(6): 1-22 ( DOI: 10.20546/ijcrbp.2021.806.001).
- 7) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Role of plant based hand sanitizers during the recent outbreak of coronavirus (SARS-CoV-2) disease (Covid-19). Significances of Bioengineering & Biosciences. 5(1): 458-468 (DOI: [dx.doi.org/10.31031/SBB.2020.05.000605](https://doi.org/10.31031/SBB.2020.05.000605)).
- 6) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Role of botanical essential oils as a therapy for controlling coronavirus (SARS-CoV-2) disease (Covid-19). International Journal of Research and Scientific Innovations. 8(4): 105-118 (DOI: [dx.doi.org/10.51244/IJRSI.2021.8407](https://doi.org/10.51244/IJRSI.2021.8407)).
- 5) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Traditional herbal Folk medicine used for controlling coronavirus (SARS-CoV-2) disease (covid-19). International Journal of Innovation Scientific Research and Review. 3 (7): 1507-1517.
- 4) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Camphor tree, Cinnamomum camphora (L.); Ethnobotany, and

pharmacological updates. Biomedicine. 41 (2): 181-184 (DOI: <https://doi.org/10.51248/.v41i2.779>).

- 3) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Vaccine development for coronavirus (SARS-CoV-2) disease (Covid-19); Lipid nanoparticles. International Journal of Research and Scientific Innovations. 8(3): 189-195 (DOI: [dx.doi.org/10.51244/IJRSI.2021.8312](https://doi.org/10.51244/IJRSI.2021.8312)).
- 2) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (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 Innovations. 8(3): 155-181 (DOI: <https://dx.doi.org/10.51244/IJRSI.2021.8310>).
- 1) Malabadi RB\*, **Kolkar KP**, Meti NT, Chalannavar RK (2021) Recent updates on the role of herbal medicine for Alzheimer's disease (Dementia). International Journal of Current Research in Biosciences and Plant Biology. 8(1): 14-32. (doi: <https://doi.org/10.20546/ijcrbp.2020.801.002>).

## 2020

03. **Kolkar KP**, Lakshaman H. C. and Channabasava. A (2020) The inoculation effect of phosphate solubilizing Bacteria and AM Fungi on growth and Nitrogen uptake in *Vigna cylindrica* (L.) Skeel, (L.) Skeels. Bioscience discovery, 11 (1): 15 – 19.
02. Lakshaman H. C., Channabasava. A and **Kolkar KP**, (2020) influence of AM Fungi, Azoto bacter and phosphate solubilizing bacteria on *Withania somnifera* (L.) Dunal. – a venerable medicinal plant. Bioscience discovery, 11 (1): 1 – 6.
01. Channabasava. A, Lakshaman H. C. and **Kolkar KP**, (2020) selection of suitable AM Fungi to *Brassica nigra* (L.) W. D. J. Koch to improve biomass and seeds number. Bioscience discovery, 11 (1): 34 – 37.

## Papers presented in seminars / conferences / Webinars

## 2018

1. XXXIII Annual Conference of Karnatak University Colleges Botany Teachers Association & Two Day National Seminar On “Modern Trends in Botany: Priorities and Challenges” held on March 10-11, 2018. Organized by Department

of Botany, Karnatak University's Karnatak Science College, Dharwad, Karnataka, India. Presented a paper on Floristic Diversity of Woody Species in Gunda Forest Bellary District, Karnataka. Attended a Capacity building workshop on "The Role of Skill Development in Higher

Education" held at Karnatak University, Dharwad on 24-09-2018. Organized by Karnataka State Higher Education Council, Govt. of Karnataka, Bengaluru in association with Rashtriya Uchchatar Shikshana Abhiyan (RUSA), MHRD and Karnatak University, Dharwad.

## 2019

8. National Seminar on "Vachanagalli Vijana and Vyganikate" on 18-19 March, 2019. Organized by Dharwad Regional Science Centre, Dharwad and Karnataka Vijana and Tantrajana Prosthahaka Society, Govt. of Karnataka, Bengaluru. Presented a paper on "Akkamahadevi Vachanagalli Parisara Vijana".

9. Attended Three Days National Level Workshop on "New Dimensions in Computational Biology" held at Karnatak State Higher Education Academy, Dharwad on 3rd to 5th July, 2019. Organized by Karnataka State Higher Education Academy and Karnatak University, Dharwad.

## 2020 [Webinars]

14. Participated in the International Webinar on "Recent Trends in Physics" Organized by the Department of Physics, Karnatak Science College, Dharwad in association with Internal Quality Assurance Cell (IQAC) on 28th November 2020.

15. Participated in the One Day National Webinar on "Faunal Diversity and Prospects of Life Sciences" on 30th November 2020. Organized by IQAC and Department of Zoology, Karnatak Science College, Dharwad.

18. Participated in the One Day National Webinar on "Role of Biodiversity in 21st Century" Organized by the Department of Botany, Karnatak Science College, Dharwad in association with Internal Quality Assurance Cell (IQAC) on 7th December, 2020.

20. Participated in the One Day National Webinar on "NAAC Assessment & Re-accreditation: An Insight" Organized by Internal Quality Assurance Cell (IQAC), Karnatak Science College, Dharwad on 16th December, 2020.

21. Participated in One Day International Webinar on “Emerging Innovations in Biotechnology (IWEIBT-2020)” Organized by the Department of Biotechnology, Karnatak Science College, Dharwad in association with Internal Quality Assurance Cell (IQAC) on 17th December, 2020.

22. Participated in One Day International Webinar on “Advances and Opportunities in Genetics” Organized by the Department of Botany (Genetics), Karnatak Science College, Dharwad in association with Internal Quality Assurance Cell (IQAC) on 19th December, 2020.

### 2021

28. Attended two days Science Academics Lecture Workshop in “Plant Taxonomy and Biodiversity Conservation” held on 4th and 5th September, 2021, organized by Department of Botany, P. C. Jobin Science College, Hubballi, Karnataka, India.

29. Participated in XXXV Annual Conference of Botany Teachers of all the Affiliated Colleges and Constituent Colleges of Karnatak University, Dharwad on 21st November 2011. Organized by Department of Botany, Kittel Science College, Dharwad.

### 2025

30. Participated in National Seminar on new trends in Botany and XV Conference of The Society of Cytologists and Geneticists, India, Organized by Department of studies in Botany, University of Mysore, Manasagangotri, Mysore

### **workshops / symposium 2018 onwards**

Organized a XXXII Annual Conference of Indian Association for Angiosperm Taxonomy and National Symposium on “The Contribution of Angiosperm Diversity to Human Wellbeing and The Risks Associated with Its Decline” November 11th – 13th, 2022 at the Department of UG, PG and Research in Botany, Karnatak University’s, Karnatak Science College, Dharwad, Karnataka - 580 001. As an Organizing Secretary.

### **BOE and BOS Chairman / Member**

02) BOS member, Genetics, Karnatak University, Dharwad

01) BOS member Botany, GSS Collge (Autonomous) Belagavi