

**Dr. Kolanpaka Blessi Priyanka**

M.Pharm,PhD

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**CURRENT POSITION**

Assistant Professor (C) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, Telangana, 506009.

**RESEARCH INTERESTS:**

- To synthesize new benzimidazole-isatin, benzimidazole-oxadiazole derivatives for *In vitro* cytotoxic study on cancer cell lines (MCF-7, HCT116, HepG2, and HeLa) by MTT assay.
- Formulation and characterization of cocrystals.
- Expertise in handling instruments like Microwave synthesizer, UV-Visible spectrophotometer, HPLC.

**EDUCATION**

- Bachelor of Pharmacy, University College of Pharmaceutical Sciences, Kakatiya University, Warangal, India (2002-2006) with 66.6%.
- Master of Pharmacy, University College of Pharmaceutical Sciences, Kakatiya University, Warangal, India (2007-2009) 69.6%.
- Doctor of Philosophy, University College of Pharmaceutical Sciences, Kakatiya University, Warangal, India (2011 -2015).Pre-Phd-62%.

**Teaching Experience: 14 years**

- Working as Assistant Professor (C) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal from 09-09-2009 to till date with a break of 1 year 4 month break for UGC-BSR merit fellowship (14/03/2012 to 15/07/2013).

**RESEARCH EXPERIENCE:**

- **Ph. D:**  
Project work entitled “**Synthesis of new heterocyclic moieties and screening them for some biological activities**”.
- **M. Pham.:**  
Project work on Isatin Derivatives entitled “**Synthesis of new heterocyclic moieties and screening them for possible biological activities**”.

### **ADMINISTRATIVE POSITIONS:**

- Joint Director for Padmakshi Women's Hostel, Kakatiya University from 08/04/2022 to 31/03/2024.

### **AWARDS:**

- Recipient of **UGC-BSR Merit fellowship**.
- Selected for **AICTE fellowship** in M. Pharm. (2007-2009)
- Presented and contributed scientific posters at National and International conferences.
- Nominated for **Young scientist award 2017** by Telangana Academy of Sciences, Telangana.
- Secured 88.8 percentile in GATE (**Graduate Aptitude Test**), a national level entrance test in 2007.
- Selected for interview TSPSC Polytechnic Lecturer 2010 Notification Number:
- Selected for interview for the post of Degree lecturer Lecturers in Residential Degree Colleges (Women) in Chemistry Notification Number No. 22/2017 dated:02/06/2017.Hallticket No.1722050304.
- Selected for interview for the post of Assistant Professor in Delhi Pharmaceutical Science and Research University dated:03/06/2016.

### **ACADEMIC ACHIEVEMENTS:**

- Advisory Editorial board/ Reviewer panel of **ASIO Journal of Medical & Health Science Research (ASIO-JMHSR)**, **ASIO Journal of Pharmaceutical & Herbal Medicines Research (ASIO-JPHMR)**, **ASIO Journal of Drug Delivery (ASIO-JDD)** & **ASIO Journal of Analytical Chemistry (ASIO-JAC)**. Membership NO: **ASIO/MEM/2015/142**.
- Advisory Board member for **World Journal of Pharmaceutical Research (WJPR)** and **Advance Research in Pharmaceuticals & Biologicals (ARPB)**.
- Life time member of Association of Pharmaceutical Teachers (**APTI**) Reg. No. **TL/TLM-069**.
- **Chief verification officer** for Telangana State Council Of Higher Education Help Line Centre (Kuw120), Kakatiya University, Warangal, Telangana from 2014 to till now for PGECET, EAMCET, NEET, LAW CET, EdCET.

- **Member of anti ragging committee** from 2012 to till date in University College of Pharmaceutical Sciences, Kakatiya University, Warangal.

#### **CO-CHAIRPERSON:**

- Acted as a co-chairperson in a two day National Scientific Conference sponsored by Committee for Control and Supervision of Experiments on Animals (CCSEA) on Teaching Laboratory Animal Ethics: Curriculum Development and Best Practices (TLAE) on 16-17/08/2024

#### **POSTER/ORAL EVALUATOR:**

- Acted as oral and poster evaluator in TechQuest'24 organized by SVS Group of Institutions (UGC Autonomous), Hanamkonda on 20/12/2024.
- Acted as oral evaluator in Two day National Conference Organized by Brilliant Grammer School Educational Society's Group of Institutions-Integrated Campus (UGC Autonomous Institution) on Brilliant Researchers in Pharmaceutical Innovations Gathering Conferenc-2024(BRIGCON-2024) on 21/12/2024.

#### **ORAL PRESENTATIONS:**

- Presented a paper as oral presentation on "Cocrystals of Paliperidone with improved solubility" in a two –day National Conference ETIPS-2022 by University College of Pharmaceutical Sciences, Palamuru University, Mahaboobnagar on 13/10/2022.
- Presented a paper as oral presentation on "Cocrystals of Fenbendazole with improved solubility" Oral-CodeO8 on 21-23/02/2023 at Kanha Shanthi Vanam, Hyderabad.

#### **POSTER PRESENTATIONS:**

1. Presented a poster on "Synthesis and anti-inflammatory evaluation of some benzimidazoles" in International Conference on "Recent Advances in Pharmaceutical Sciences" organized by University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 22-24/10/20210.
2. Presented a poster on "Synthesis, cytotoxic activity of 5-substituted phenyl-N-(6-propylthio)-1H-benzo[d]-imidazol-2-yl-1,3,4-oxadiazol-2-amines" in Recent trends and

advances in Pharmaceutical Research, RTAPR-2015 organized by Department of Chemistry & Pharmaceutical Sciences, Mahatma Gandhi University, Nalgonda on 12/02/2015.

3. Presented a poster on “Synthesis, cytotoxic and antioxidant evaluation of some new N-{5-[(4-fluorophenyl) carbonyl]-1H-benzimidazol-2-yl}-2-(3-oxo-2, 3-dihydro-1H substitutedisindol-1-yl) hydrazine carboxamides)-1, 3, 4-oxadiazol-2-yl) imino) substituted indolin-2-ones as cytotoxic, anti-oxidant agents” in 67<sup>th</sup> IPC, Mysure. Poster no. B-37.
4. Presented a poster on “Synthesis and cytotoxic and antioxidant evaluation of some new benzimidazole carboxamides” in Centre for Chemical Sciences & Technology, Institute of Science & Technology organized by Jawaharlal Nehru Technological University Hyderabad. Poster no. CHE-019 on 11-12 /03/2016.
5. Presented a poster on “Synthesis and screening of 3-((5-((6-(phenylthio)-1H-benzo[d]imidazol-2-yl) amino)-1, 3, 4-oxadiazol-2-yl) imino) substituted indolin-2-ones as cytotoxic, anti-oxidant, anti-inflammatory agents” in Drug Innovations and Discoveries: Inquisitive Technologies College of Pharmacy organized by Palamuru University, Mahabub nagar, Telangana on 28-29/09/2016.
6. Presented a poster on “Cytotoxic activity of some benzimidazole-carbamate derivatives” in Trend setting Innovations in Chemical Sciences & Technology, Nature Inspired Chemistry & Engineering” (TSCST-NICE 2016) organized by Jawaharlal Nehru Technological University Hyderabad on 04-06/10/2016.
7. Presented a poster on “Cytotoxic profile of some isatin derivatives” in 68<sup>th</sup> Indian Pharmaceutical Congress organized by Andhra University, Vishakapatnam, poster No.B-19 on 16-18/12/2016.
8. Presented a poster on “Synthesis and screening of 3-((5-((6-(phenylthio)-1h-benzo [d] imidazol-2-yl) amino)-1, 3, 4-oxadiazol-2-yl) imino) substituted indolin-2-ones as cytotoxic agents” in national Conference on Recent Advances in Pharmaceutical Sciences organized by University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 23-24/02/2018.
9. Presented a poster on “Characterization and solubility studies of pharmaceutical cocrystals of Paliperidone” in organized by Telangana science Congress, National Institute of Technology, Poster No.111,22-24/12/2018.

10. Presented a poster on “Characterization and Solubility studies of Pharmaceutical Cocrystals of Fenbendazole” Nagpur University 72<sup>th</sup> Indian Pharmaceutical Congress 20 -22/01/2023.
11. Presented a poster on “Formulation and microbial evaluation of *Vigna Radiata* soap” 73<sup>th</sup> Indian Pharmaceutical Congress2024, Poster code-C-174 on 05-07/07/2024.
12. Presented a poster on “Pharmaceutical salts of Trandolapril with organic Counterions: Structural analysis and Solubility Performance” in ICD-2024 organized by NIPER Hyderabad, Poster no.MC-7 on 9-10/-8/2024.
13. Presented a poster on “ Formualtion and Evaluation of Poly herbal soap” in a two day National Scientific Conference sponsored by Committee for Control and Supervision of Experiments on Animals (CCSEA) on Teaching Laboratory Animal Ethics: Curriculum Development and Best Practices (TLAE) on16-17/08/2024
14. Presented a poster on “Formuation and Evaluation of Poly herbal soap” in Two day National Conference Organized by Brilliant Grammer School Educational Society’s Group of Institutions-Integrated Campus (UGC Autonomous Institution) on Brilliant Researchers in Pharmaceutical Innovations Gathering Conferenc-2024(BRIGCON-2024) on 21/12/2024.Poster Code: CEU007.

### **CONFERENCES ATTENDED:**

1. Participated in National Conference on Attended National Seminar on “Novel Polymers, Nanoscience and Green Chemistry” organized by Department of Chemistry, Kakatiya University, Warangal during 22-23/02/2008.
2. Participated in AICTE Sponsored National Seminar on “Applications of Biostatistics in Pharmaceutical Sciences” organized by Jayamukhi College of Pharmacy, Warangal during 16-17/08/2009.
3. Participated in National Symposium on “Insights into Medicinal Chemistry” organized by Vaagdevi College of Pharmacy, Hanamkonda and APTI-AP State Branch during 21-23/08/2010.
4. Participated in National Conference on “Reforms and Innovations in Pharmacy Education towards global standards (RIPE-12)” Centre for Pharmaceutical Sciences & Centre for Nano Science & Technology, Institute of sciences & Technology, Jawaharlal Nehru Technological University, Hyderabad during 17-18/08/2012.

5. Participated in National Conference on 2-day Science Academies lecture workshop on “Use of Recombinant DNA Technology in Modern Health Care” sponsored by Science Educational panel, Bangalore organized by Department of Zoology, Kakatiya University, Warangal during 30/11/2012 to 01/12/2012.
6. Participated in two day National workshop on “Interpersonal skills” organized by Care College of Pharmacy, Warangal during 7-8/02/2013.
7. Participated in National Conference on “Recent advances in Chemistry, RAC-2015”, organized by Department of Chemistry, Kakatiya University, Warangal during 30-31/03/2015.
8. Participated in National Conference on “Drug Innovations and Discoveries: Inquisitive Technologies” (DIDIT-2K15)”at University College of Pharmaceutical Sciences, Palamuru University, Mahabubnagar,Telangana during 10/04/2015.
9. Participated in National Conference on “Plant diversity: Challenges in conservation and sustainable utilization” by Department of Botany, Kakatiya University during 04-06/02/2016.
10. Participated in National Conference on “Recent Advances in Organic Synthesis” by Department of Chemistry at National Institute of Technology, Warangal on 29/06/2016.
11. Participated in Two day national workshop on “Applications of Advanced Analytical techniques in Pharmaceutical sciences and Nanotechnology” Jawaharlal Nehru Technological University, Hyderabad during 16 -17/09/2016.
12. Participated in National conference in “Current challenges in drug discovery and development” (IPTCON-2017) at Institute of Pharmaceutical Technology, Sri Padmavathi Mahila Visvavidyalayam,Tirupati during 06-07/ 02/2017.
13. Participated in National conference in “Current trends and future perspectives in pharmaceutical research” at Jangaon Institute of Pharmaceutical Sciences, Jangaon on 06/01/2018.
14. Participated in National conference in “Innovative approaches for conservation of plant diversity” at Department of Botany, Kakatiya University, Warangal, during 09-10/03/2018.

15. Participated in National conference in “Recent Trends in Plant Disease Diagnosis and Control With Reference To Central India” at Department of Microbiology, Kakatiya University, Warangal during 01-02/12/2018.
16. Participated in Workshop on “Dr. B.R. Ambedkar’s Philosophy and Movement” at Dr. B.R. Ambedkar Study Centre, Kakatiya University during 5-14/04/2019.
17. Participated in National conference in Current Scenario in Pharmaceutical Sciences CSPS-2019 at Chaithanya Institute of Pharmaceutical Education and Research, Hanamkonda during 24-25/10/19.
18. Participated in National conference in 2<sup>nd</sup> pharmaceutical Sciences at St. Peter’s Institute of Pharmaceutical Sciences, Warangal during 09-10/03/2019.
19. Participated in National level conference in Recent Trends in Pharmaceutical Sciences and Research (RTPSR-2019) at Vaagdevi College of Pharmacy, Hanamkonda during 23-24/11/19.
20. Participated in National conference in APP 5<sup>th</sup> INDO-US Conference at Pathfinder College of Pharmacy, Hanamkonda during 03-04/12/2019.
21. Participated in webinar on “Novel Technologies in Drug Delivery Systems” at Sri Ramachandra Institute of Higher Education and Research, Chennai on 26/08/2020.
22. Participated in Online symposium on “Mahatma Phule & Dr. B.R. Ambedkar contribution for women empowerment” at Dr. B. R. Ambedkar Study Centre, Kakatiya University on 03/01/2021.
23. Participated in International Webinar on “New trends & Effective strategies in natural medicine” at Genba Sopanrao Moze College of Pharmacy, Pune on 31/03/2021.
24. Participated in Webinar on “Computational outlook in drug design” at RBVRR Women’s College Of Pharmacy, Hyderabad on 06/03/2021.
25. Participated in webinar on “Approaches and Challenges in Pharmaceutical Sciences” at Teegala Krishna Reddy College of Pharmacy, Hyderabad on 07-08/01/2022.
26. Participated in National conference on “Intellectual Property rights and patent drafting” at Chaithanya College of Pharmaceutical Education and Research, Warangal on 22-23/04/2022.

27. Participated in National conference on “Emerging Trends and Innovations in Pharmaceutical Sciences” at Jawaharlal Nehru Technological University, Hyderabad on 11-13/07/2022.
28. Participated in National conference on “NEP-2020 Implementation Plan: Technology Use and Integration” at Jawaharlal Nehru Technological University, Hyderabad on 03/09/2022.
29. Participated in National conference on “NEP-2020: Challenging role of teachers” at Jawaharlal Nehru Technological University Hyderabad on 06/09/2022.
30. Participated in workshop on “Basic techniques in molecular biology” at Department of Veterinary Microbiology, Mamnoon on 07/09/2022.
31. Participated in National Seminar on “Innovations in chemical research ICR-2022” at Department of Chemistry, Kakatiya University on 15-16/09/2022.
32. Participated in International Conference on “Education 5.0-role of Institution, Industry and Society (ERIIS-2022)” at National Institution of Technology, Warangal on 14-15/10/2022.
33. Participated in “Advanced Analytical Techniques of Quality control of Pharmaceuticals” at National Institute of Pharmaceutical Education and Research, Hyderabad on 3-4/07/2022.
34. Participated in “Environmental Sustainability (ES-2025)” organized by National Institute of Technology, Warangal on 10/02/2025.

#### **QUALITY IMPROVEMENT PROGRAMMES:**

1. Participated in Quality Improvement Programme “Advances in Medicinal Chemistry” at University College of Pharmaceutical Sciences, Kakatiya University, Warangal during 16-04-2010 to 27-04-2010 for 12 days.
2. Participated in Quality Improvement Programme “Advances in Medicinal Chemistry and Analysis” at University College of Pharmaceutical Sciences, Kakatiya University, Warangal during 28/08/2011 to 09/12/2011 for 13 days.



3. Participated in Quality Improvement Programme “Advances in Pharmacology and Therapeutics” at University College of Pharmaceutical Sciences, Kakatiya University, Warangal during 02- 14/08/2014 for 13days.
4. Participated in Quality Improvement Programme “Advances in Pharmaceutical Chemistry” ” at University College of Pharmaceutical Sciences, Kakatiya University, Warangal during 10-22/11/2014for 13days.
5. Participated in Quality Improvement Programme “Teaching and research Methodologies in Pharmaceutical Sciences” at University College of Pharmaceutical Sciences, Kakatiya University, Warangal during 02- 14/03/2015 for 13days.
6. Participated in Quality Improvement Programme “Advances in Pharmaceutical Analysis” at University College of Pharmaceutical Sciences, Kakatiya University, Warangal during 16- 28/03/2015 for 13days.
7. Participated in Quality Improvement Programme “*In silico* drug discovery and structure based drug design in pharmaceutical chemistry” at Centre for Pharmaceutical Sciences & Centre for Nano Science & Technology, Institute of sciences & Technology, Jawaharlal Nehru Technological University Hyderabad during 02-07/11/2015 for 6days.
8. Participated in Quality Improvement Programme “Intellectual property rights & innovations” at Nalla Narsimha reddy Educational society, Hyderabad during 27/11/2017-02/12/2017 for 6days.
9. Participated in Online short term course “Online tools and software for remote teaching-learning” at Centre for Pharmaceutical Sciences & Centre for Nano Science & Technology, Institute of sciences & Technology, Jawaharlal Nehru Technological University Hyderabad during 16-18/05/2020for 3days.
10. Participated in International FDP “Skilling teacher on online education” Uka Tarsadia University during 02-06/06/2020 for 05days.

11. Participated in One week national workshop “Socio-Religious Institutions and weaker sections in India: Phule-Ambedkar Perspective” at Dr.B.R.Ambedkar Study Centre, Kakatiya University during 08-14/04/2021 for 6days.
12. Participated in Refresher course “Two-week Online Refresher Course on "Drug Discovery, Drug Development and Analytical Interpretation of Data in Pharmaceutical Research” at Jawaharlal Nehru Technological University Hyderabad during 12-26/07/2021for 15 days.
13. Participated in Online Short Term Training Programme on "New Technology Development of Advanced Drug Delivery in Life Threatening Diseases” at Jawaharlal Nehru Technological University Hyderabad during 20-25/09/2021for 06 days.
14. Participated in online Refresher course on “Current and future prospects of Drug Discover and Delivery approaches” at Jawaharlal Nehru Technological University Hyderabad during 21/02/2022 to 07/03/2022.
15. Participated in online Faculty Development “Theme: Contemporary Scenario in Analytical Perspective (CSAP-FDP)” Department of Pharmaceutical Chemistry and Analysis, SPS-VISTAS, Chennai during 01.02.2023 to 05.02.2023 for 05days.
16. Participated in one week international virtual Faculty development programme on “Empowering Pharma Educators: Transformative teaching and research for future health care leaders” at Chettinad Academy of Research and Education, Puducherry, during 21-26/08/2023 for 05days.
17. Participated in National FDP in “Research Trends in Pharmaceutical Innovation and Research” at Sree Vishnu College of Pharmacy during 20-24/11/2023 for 05days.
18. Participated in online Refresher course on “Artificial Intelligence Driven Innovations in Drug Discovery and Development” at Jawaharlal Nehru Technological University Hyderabad during 12-28/08/2024 for 15 days.

## CONFERENCES AS ORGANIZING COMMITTEE MEMBER:

- ✓ Recent Advances in Pharmaceutical Sciences (RAPS-2012) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 22-24/11/2012.
- ✓ Recent Advances in Pharmaceutical Sciences (RAPS-2017) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 25-26/03/2017.
- ✓ Recent Advances in Pharmaceutical Sciences (RAPS-2019) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 30-31/08/2019.
- ✓ Recent Advances in Pharmaceutical Sciences (RAPS-2020) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 30/01/2020.
- ✓ XXII convocation Kakatiya University
- ✓ Drug Discover Innovations and Development(DDID) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 21/01/2025.
- ✓ Recent Advances in Pharmaceutical Sciences (RAPS-202) at University College of Pharmaceutical Sciences, Kakatiya University, Warangal on 30/01/2025.

## RESEARCH PUBLICATIONS:

**Citations: 27**

**H-Index: 03**

**i10-index: 00**

- 1) K. Blessi Priyanka, G.Sammaiah “Synthesis and screening of 3-((5-((6-(phenylthio)-1H-benzo[d]imidazol-2-yl) amino)-1, 3, 4-oxadiazol-2-yl) imino) substituted indolin-2-ones as cytotoxic, anti-oxidant, anti-inflammatory agents” **Inventi Rapid: Med Chem**, 2016 (2), 1-6. IBI factor 4.26, Global impact factor 0.87, ISSN No. 2229421X, e ISSN No. 0976-7541.
- 2) **K. Blessi Priyanka**, G.Sammaiah “Synthesis and screening of 3-((5-((6-(propylthio)-1H-Benz[d]imidazol-2-yl) amino)-1, 3,4-oxadiazol-2-yl) imino) substituted indolin-2-ones as cytotoxic, anti-oxidant agents” **Pharmacophore**, 2015, 6(1), 73-80.Impact factor, 2.16. ISSN No. 2229-5402.
- 3) Kolanpaka Priyanka B., Gade Sammaiah “Synthesis, cytotoxic and antioxidant evaluation of some new N-{5-[(4-fluorophenyl) carbonyl]-1H-benzimidazol-2-yl}-2-(3-oxo-2, 3-dihydro-1H-substitutedisindol-1-yl) hydrazine carboxamides”, **IOSR Journal of**

- pharmacy and Biological Sciences**, 2015, 10(2), 50-53.e-ISSN number-2278-3008, Print - 2319-7676.
- 4) K. Blessi Priyanka, B. Shoba rani, G.Sammaiah, "Synthesis, characterization and anti-inflammatory activity of 5-substituted phenyl-N-(6-propylthio)-1H-benzo[d]-imidazol-2-yl-1,3,4-oxadiazol-2-amines, **International Journal of Pharmacy and Biological Sciences**, 2014,4(4),120-125. E- ISSN: 2230-7605 and print-ISSN: 2321-3272
  - 5) **K. Blessi Priyanka**, G.Sammaiah, "Synthesis, characterization and cytotoxic activity of 5-substitutedphenyl-N-(6-propylthio)-1H-benzo[d]-imidazol-2-yl-1,3,4-oxadiazol-2-amines", **Indo American Journal of Pharmaceutical Research**, 2014,4(11),5437-5440. ISSN no 2231-6876 DOI No.10.1044/1980-iajpr141136. ISSN No 2231-6876.Impact Factor 4.587.
  - 6) **Blessi Priyanka.K**, Maharaj Pogula, Suresh.S, K.B.Thirupathi, Sammaiah.G. "Synthesis and characterization of new indole derivatives for analgesic activity" **International Journal of Pharmacy and Pharmaceutical Sciences**, 2012, 4(5):231-233. ISSN No: 0975 – 1491.
  - 7) **K. Blessi Priyanka**, C.Manasa, G.Sammaiah "Synthesis and evaluation of new isatin derivatives for cytotoxic activity" **World Journal Pharmacy and Pharmaceutical Sciences**, 2014, 3(2), 2393-2402. ISSN No: 2278-4357 SJIF Impact Factor-7.632.
  - 8) **Blessi Priyanka.K**, Maharaj. P, Sammaiah.G, Sarangapani. M. "Synthesis and evaluation of new Indole derivatives for antimicrobial and anti-inflammatory activities" **JPR. Bio Med Rx, an International Journal**, 2013, 1(7), 647-652. ISSN No: 2321-4988.
  - 9) Maharaj Pogula, **Blessi Priyanka.K**, Suresh.S, Shoba Rani.B, Sammaiah.G. "Synthesis and characterization of new isatin derivatives for anti-inflammatory activity", **International Journal of Pharmacy and Pharmaceutical Sciences**, 2012, 4(3):155-158. ISSN No: 0975 – 1491 Impact Factor-0.51.
  - 10) K.Thirupathi, **Blessi Priyanka**, D.R.Krishna, G.Krishna Mohan. "Studies on analgesic activity of Balanites Roxburghii in mice", **Asian Journal of Pharmacy and Clinical Research**, 2012, 5(2):58-61. Online ISSN: 2455-3891 | Print ISSN: 0974-2441). SJIF Impact Factor: 6.974.
  - 11) K. Karthik, **K. Blessi Priyanka**, S. Manjula, G. Sammaiah "Synthesis and evaluation of new bis-isatin derivatives for antioxidant activity" **International Journal of Pharmacy and Pharmaceutical Sciences**, 2013, 5(4):224-227. ISSN No: 0975 – 1491.

- 12) Suresh.S, **Blessi Priyanka.K**, Maharaj.P, Srikanth.Ch, Karthik.K, Sammaiah.G. “Synthesis of benzimidazole-isatin derivatives for Analgesic activity”, **Asian Journal of Pharmacy and Clinical Research**, 2013, 6(1), 65-67. Online ISSN: 2455-3891 | Print ISSN: 0974-2441). SJIF Impact Factor: 6.974.
- 13) Madhu, **Blessi Priyanka**, Maharaj, Krishnaveni. J, G. Brahmeshwari, M.Sarangapani, G.Sammaiah. “Synthesis and antimicrobial activity of some isatin derivatives” **Journal of Advanced Pharmaceutical Sciences**, 2011, 1(1), 10-15. e ISSN No: 2249-5797.
- 14) K. Karthik, **K. Blessi Priyanka**, C. Manasa, G.Sammaiah. “Synthesis and evaluation of new bis-isatin derivatives for cytotoxic activity” **World Journal of Pharmaceutical Research**, 2014, 3(2), 2429-2433. ISSN No: 2277-7105.SJIF Impact Factor-8.084.
- 15) Chilumula Nageshwara Rao, **K. Blessi Priyanka**, J. Ravi, G. Dayakar “Antimicrobial evaluation of new oxadiazole derivatives” **World Journal of Pharmacy and Pharmaceutical Sciences**, 2015, 3(6), 762- 765. ISSN No: 2278-4357.SJIF Impact Factor-7.632.
- 16) Nageshwara Rao Chilumula, **Blessi Priyanka K**, Ravi,J., Gade Dayakar “Synthesis and antimicrobial evaluation of 2-(dialkylamino)-n-(5-(5-(alkylthio)-1,3,4-oxadiazol-2-yl)benzoxazol-2-yl)acetamides”, **World Journal of Pharmaceutical Research**, 2014, 3(5),387-397. ISSN No: 2277-7105.SJIF Impact Factor-8.084.
- 17) Chilumula Nageshwar Rao, B.Kalyani, **K. B. Priyanka**, G.Dayakar “Synthesis of Benzoxazole derivatives as anti-inflammatory and antimicrobial agents” **Indo American al of Pharmaceutical Journal Research**, 2015, 5(6), 2368-2373. ISSN No 2231-6876.Impact Factor 4.587.
- 18) Sammaiah, G., **K. Blessi Priyanka**, Yengala Ram mohan, “Synthesis, characterization and evaluation of cytotoxic and antioxidant properties of 4-(2, 5-dimethyl-1H-pyrrol-1-yl) benzohydrazide Schiff bases of isatin derivatives”, **Inventi Impact: Med Chem**, 2016 (2), 49-54. ISSN No. 2229421X, e ISSN No. 0976-7541.
- 19) B. Swetha, H. Shameer, **K. Blessi Priyanka**, Kh. Mangang khomba Mangang, P. Pradeep, “Synthesis of new quinazolines and evaluated them for antimicrobial and anthelmintic activity” **Inventi. Impact. Med Chem.**, 2015(4):142-145, 2015 ISSN No. 2229421X, e ISSN No. 0976-7541.

- 20) T. Kalyani, **K. Blessi Priyanka**, S. Manjula, G.Sammaiah “Synthesis of some new pyrrole derivatives for cytotoxic and bacterial agents” **Inventi. Impact. Med Chem.**, 2016, 1, 12-15. ISSN No. 2229421X, e ISSN No. 0976-7541.
- 21) B. Shoba Rani, **K. Blessi Priyanka**, G.Sammaiah “Synthesis and characterization of cytotoxic activity of certain N-(6-Benzo[d]imidazol-2-yl)-2-(2-oxoindolin-3-ylidene)hydrazide carboxamides” **International Journal of Pharmacy and Biological Sciences**, 2014, 4(4), 29-34. E-ISSN: 2230-7605 and print-ISSN: 2321-3272
- 22) B. Shoba Rani, **K. Blessi Priyanka**, G.Sammaiah “Synthesis and characterization of new isatin derivatives for cytotoxic activity” **International Journal of Pharmacy and Biological Sciences**, 2015, 5(2), 163-166. E-ISSN: 2230-7605 and print-ISSN: 2321-3272
- 23) B. Vineela, C. Manasa, **K. Blessi Priyanka**, T. Kalyani, G.Sammaiah “Synthesis and evaluation of new isatin derivatives for cytotoxic and antioxidant activities” **American Journal of Pharm Tech Research**, 2016, 6(1), 348-355. ISSN No. 2249-3387. Impact Factor 0.9832.
- 24) B. Shoba Rani, **K. Blessi Priyanka**, G.Sammaiah “Synthesis and characterization and cytotoxic activity of certain 3-((5-((6-benzoyl)-1H-benzolimidazol-2-yl)amino)-1,3,4-oxadiazol-2-yl)imino)indol-2-ones” **International Journal of Pharmaceutical Archives**, 2015, 4(11), 54-57. ISSN No. 2319-7226.
- 25) B. Shoba Rani, **K. Blessi Priyanka**, G.Sammaiah “Synthesis, cytotoxic, antioxidant and anti-inflammatory activity of 3-((3-((6-benzoyl)-1H-benzolimidazol-2-yl)amino)-5-mercapto-4H-1,2,4-triazol-4-yl)imino) substituted indol-2-ones” **American Journal of Pharm Tech Research**, 2016, 6(2), 440-449. ISSN No. 2249-3387. Impact Factor 0.9832.
- 26) B. Shoba Rani, **K. Blessi Priyanka**, L. Harikiran, G.Sammaiah, “Cytotoxic, antioxidant and anti-inflammatory activity of N-(6-benzoyl-1H-benzolimidazol-2-yl)-2-(2-oxosubstituted indolin-3-ylidene)hydrazine carboxamides” **World Journal Pharmacy and Pharmaceutical Sciences**, 2016, 5(5), 673-678. ISSN No: 2278-4357 SJIF Impact Factor-7.632
- 27) B. Shoba Rani, **K. Blessi Priyanka**, L. Harikiran, G.Sammaiah, “Antioxidant activity profile of some new benzimidazole carbamates” **International Journal of Pharmacy and Biological Sciences**, 2016, 6(1), 142-144. Online ISSN No. 0975-1491, Print-ISSN No. 2656-0097.

- 28) Suman Pattanayak, **K.Blessi Priyanka** , Shaheena Sohi , Pulagurtha Bhaskararao , Yogesh Dagadu Pawar, Sachin Tyagi , Ajay Baburao Gadgul , Ramandeep Kaur “Method development, performance evaluation and quantitation of bumetanide in human plasma using liquid chromatography-mass spectrometry” **European Chemical Bulletin** 2023, 12 (Special issue 3), 4952– 4965. Print-ISSN No.2063-5346. DOI: 10.31838/ecb/2023.12.s3.552
- 29) **K. Blessi Priyanka**, T Sri Ramya, K. Swarnalatha , G. Sushmitha, Arjumand Ara, T. Susan Srujana, B. Swapna “Cocrystals Of Fenbendazole with enhanced *In Vitro* Dissolution performance” **European Chemical Bulletin** 2023, 12 (Special issue 8), 9506-9061. Print-ISSN No.2063-5346. DOI: 10.31838/ecb/2023.12.s8.826.
- 30) G.Sai Manoj, D. Varaprada, K. Abesana Chanu, M.Ritheesh, **K. Blessi Priyanka** “Formulation and Evaluation of poly herbal Soap” **Indo American Journal of Pharmaceutical Research** 2023, 13(10),1185-1189. <https://zenodo.org/records/10060287>
- 31) **K. Blessi Priyanka**, B. Bhagya, Shayeda “Characterization And Solubility Studies of Pharmaceutical Cocrystals of Paliperidone” **International Journal of Pharmaceutical Sciences**, 2024, volume 2, Issue 7, 209-215. UGC-care list Journal, Impact factor.4.7. ISSN No. 0975-4725. 10.5281/zenodo.12623907.
- 32) D. Niharika, SK.Shamshad Begum, K.Sai Kumar, D.Pavani, M.Praveen Kumar, **K.Blessi Priyanka** “Formulation and evaluation of *Myristica Fragrans* Houtt and *Punica Granatum* Linn soap” **Inventi Rapid: Cosmeceuticals, Volume 2024, Issue 4,1-3**. ISSN No.0976-3864.
- 33) D.Varaprada, D.Sonia, Fharin Begum, M.Dharani, K.Blessi Priyanka “An Insight into Click Chemistry” **International Journal of Pharmaceutical Sciences**, 2024, volume 2, Issue 10, 1044-1066. UGC-care list Journal, Impact factor.4.7. ISSN No. 0975-4725. 10.5281/zenodo.13955523

## **RESEARCH PATENT PUBLICATIONS:**

1. **Indian Patent:** Application No.202341027843 A  
Inventers: Dr. N. Srinivasan Arunsankar ,Dr. Nellore Manoj Kumar ,Dr. Diksha Bhardwaj, Dr. Srinivas Ganganagunta,Dr. S. Pulla Reddy,Dr. M.S.N.A. Prasad,Dr. Govinda Dharmana, Dr. Sangeethkumar Muni Gadapa,Dr. G. Usha Kiranmai, Dr. K. Blessi Priyanka  
Date of filing of Application: 16/04/2023  
Publication Date: 05/05/2023  
Title of the invention: **Bio-functional Iron Oxide Nanoparticles for Efficient Water Purification**
2. **UK Patent:** Application No. 6305862  
Inventers: Dr. Amartya De, Dr. Kolanpaka Blessi Priyanka, Dr. Karthickeyan Krishnan, Dr. Ashish Babanrao Roge, Dr. Sagar N Firke, Mrs. Alisha Singh, Miss. Pooja Pawar, Ms. Shubhangi Arun Choudhari, Mr. Deepak Katiyar, Dr. Muzaffar Ahmed Farooqui  
Grant date: 05 September 2023  
Registration date: 25 August 2023.  
Title of the invention: **Nasal Cavity and Paranasal sinus cancer Detection Device.**
3. **UK Design Grant Patent :** Application Number Is:- 6316346  
Inventers: Mr. Kundavaram Raju, Dr. Nidhi Dubey, Dr.Kolanpaka Blessi Priyanka, Mrs. Devi Kadirvel, Mr. Sadiqul Alam, Mrs.Deepti Nilesh Maske, Mr. Ankit Diwan, Mrs.Priyanka Ashish Bhongale, Dr. Amit Gangwal, Mr. Ashish Sanjay Bhongale  
Grant date: 09/10/2023  
Registration date: 30/09/2023  
Title: **Digital Ultrasonic Homogenizer Used for Isolation of DNA & RNA Protein**

## **Books published:**

1. Textbook of Biostatistics and Research Methodology-By Prof. Kakasaheb.J.Kore,Mrs.Bommala Supraja, Dr.B.Appa Rao, **Dr.K.Blessi Priyanka**, Dr.Prakash Patil. ISBN No.978-81-19908-77-6. Shashwat Publication,Published in 2023.
2. Text Book Of Medicinal Chemistry III-Dr.Sushma Rawat, Prof. Kakasaheb.J.Kore, **Dr.K.Blessi Priyanka**,Mr.S.G.Raman,Dr.Vipul TrikambhaiPrajapati.ISBN no.978-8-19908-77-6.-Published by Shashwat Publication, Published in 2023.

## **Other Information:**

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