



Dr. N. RAGHAVENDRA BABU

Flat number 103, Plot number 87

Atharva Bheema, Padmasri Hills

Suncity, Bandlaguda Jagir

Hyderabad, Telangana.

Email: nayakaraghavendrabadu@gmail.com

Phone number: 9849044641

ACADEMIC QUALIFICATIONS:

Degree / Course	University / Board	Institution	Year of passing	Percentage
Ph. D	Koneru Lakshmaiah education foundation (Deemed to be university) KL University, Vijayawada	KL university	2023	----
M. Pharm (Pharm.Chemistry)	Rajiv Gandhi University of Health Sciences, Karnataka	V. L college of Pharmacy	2011	76.64% (FIRST CLASS WITH DISTINCTION)
B. Pharm	Rajiv Gandhi University of Health Sciences, Karnataka	V. L college of Pharmacy	2008	76.42% (FIRST CLASS WITH DISTINCTION)

Ph.D title:

Synthesis, characterization, molecular docking studies and evaluation of *In vitro* antitubercular activity of novel heterocyclic derivatives.

Ph.D Publications.

- N.Raghavendra Babu, R.Subhakar Raju, Rajasekhar Reddy Alavala, Narender malothu, Yenumula padmavathi (2023). Design, Synthesis, Anti-

Tubercular Evaluation and Teratogenicity Studies of Furanyl Pyrazolo[3,4-b] Quinoline-5-Ones, Russian Journal of bioorganic chemistry ISSN 1068-1620, Vol.49, 127-138. <https://doi.org/10.1134/S1068162023010053> (SCI indexed IF:1.0)

- **N.Raghavendra Babu**, R. Subhakar Raju , Rajasekhar Reddy Alavala, G.S.N. Koteswara Rao, Prasanna Kumar Desu , J. Risy Namratha and V. Muralidharan (2023). Synthesis, Characterization, and Antitubercular Evaluation of Tetrahydrotetrazolo Quinazoline Derivatives, Antiinfective agents.(Bentham Science Publishers) ISSN 2211 - 3533 , Vol.21, 61-72. <http://dx.doi.org/10.2174/2211352520666220627153144> (Scopus and web of science indexed IF:0.8)
- **N.Raghavendra Babu**, G.S.N Koteswara rao, Rajasekhar reddy Alavala and P.S.Lakshmi soukya (2021). Design, synthesis, molecular docking studies and Anti tubercular evaluation of hexahydroquinolin-2-yl benzamide derivatives, Asian Journal of Chemistry ISSN 0970-7077, Vol.33 (8), 1923-1928. <https://doi.org/10.14233/ajchem.2021.23364> (Scopus indexed IF: 0.5)
- **N.Raghavendra Babu**, R.Subhakar Raju, Narender malothu. Yenumula padmavathi (2022). Synthesis, characterization, Antitubercular evaluation and teratogenicity of and Teratogenicity studies of novel 5-(4-fluorobenzoyl) tetrahydro benzimidazoquinazoline derivatives, International Journal of Pharmaceutical investigation ISSN 2230-9713, Vol.12(4), 444-448. <https://doi.org/10.5530/ijpi.2022.4.76> (Web of science indexed IF:0.5)

TEACHING EXPERIENCE:

- July 2024 to till date working as Associate professor at **G. Pulla Reddy College of Pharmacy**, Hyderabad, Telangana.
- December 2012 to June 2024 date worked as Assistant professor at **G. Pulla Reddy College of Pharmacy**, Hyderabad, Telangana.
- April 2012-November 2012: Worked as Assistant professor in **Vikas college of Pharmacy, Vissanapeta, A.P.**
- June 2011- March 2012: Worked as Assistant professor in **Dr. K.V. Subba Reddy Institute of Pharmacy, Kurnool, A.P.**

ACHIEVEMENTS

- Sanctioned and received a grant of Rs. 50,000/ under the Scheme “**Capacity Building Industrial Training (CBIT)**” by **Pharmacy Council of India**.

Successfully completed training at Aurobindo Unit 5 Pashamylaram facility, Telangana during 8th November 2021 to 8th December 2021 under the guidance of Mr.P. Viswanatha Deputy Manager, Quality Assurance.

- Presented scientific paper and received **Best Oral Presentation** in the Two-Day National Conference on “**Emerging Trends and Innovations in Pharmaceutical Sciences (ETIPS-2022)**” on 13th & 14th October 2022 organized by University College of Pharmaceutical Sciences, Palamuru University, Mahabubnagar in association with IPA, Warangal city branch.
- Presented scientific paper and received **Best Oral Presentation** in two-day international e-conference on “**Microbial pathogenesis and recent advances in diagnosis of Omicron**” Organised by the Department of microbiology, Palamuru university, Mahabubnagar, T.S. In collaboration with Indian women scientist’s association (TWSA), Microbiologists society India (MSI) and IQAC Palamuru university during February 4 - 5, 2022.
- Secured **FIRST RANK** in AURCET 2017 Andhra university research common entrance test under pharmaceutical chemistry specialization conducted by Andhra university Vishakhapatnam on 16-09-2017.
- **Consolation prize** for Oral Presentation in Pharmaceutical chemistry specialization at international conference on Design development and Practice of held at CES College of Pharmacy, Kurnool on 22nd and 23rd January 2016.
- **First prize** for Oral presentation in pharmaceutical chemistry specialization at international conference on Advances in biopolymer drug delivery systems, held at CES College of Pharmacy, Kurnool, on 30th and 31st January 2014.
- Secured **FIRST RANK** in M. Pharmacy Ist year university examinations conducted by Rajiv Gandhi university health sciences, Bangalore at V.L college of Pharmacy, Raichur.
- Secured **FIRST RANK** in B. Pharmacy IIIrd year University examinations conducted by Rajiv Gandhi University of health sciences Bangalore at V.L college of Pharmacy, Raichur.
- Secured **SECOND RANK** in B. Pharmacy Ist year university examinations conducted by Rajiv Gandhi university health sciences, Bangalore at V.L college of Pharmacy, Raichur.

MEMBERSHIPS

APTI- Association Pharmaceutical Teachers India

POSITIONS HELD IN CONFERENCES

- Invited as a Guest speaker to a seminar on **“Revolutionising Pharmacy Education through Design thinking”** conducted by Institution’s Innovation Council ,Nargund College of pharmacy, Bengaluru, Karnataka on February1st 2025.
- Invited as a resource person for a Two-week Online Refresher Course on **“Drug discovery and Formulation development-Interpretation of Research Data”** from 18-11-2024 to 30-11-2024 organized by UGC-Malaviya Mission Teacher Training Centre, JNTU, Sultanpur. Delivered a talk on **“Revolutionizing Drug discovery: The Power of AI in Pharma”** as a part of Refresher Course from 3.45 to 5.15 pm on 20-11-2024.
- Invited as a resource person to a seminar on Interpretation of **“Infra-red spectra-A Practical approach”** on 07-11-2024 organised by Creative educational society’s college of Pharmacy, Kurnool, Andhra Pradesh.
- Invited as a resource person for a Two-week Online Refresher Course on **“Artificial Intelligence Driven Innovations in Drug Discovery and Development”** from 12-08-2024 to 28-08-2024 organized by UGC-Malaviya Mission Teacher Training Centre, JNTUH. Delivered a talk on **“Artificial intelligence in Drug Discovery and Development ”** as a part of Refresher Course from 10.00 am to 11:30 am on 27-08-2024 on 27th August 2024.
- Invited as a resource person to a seminar on **“Scientific writing”** conducted by the Department of Pharmaceutical Chemistry and Pharmaceutical analysis, Visweswarapura institute of Pharmacy, Bengaluru, Karnataka on July 20th 2024.
- Participated as **EVALUATOR** and received Certificate of Appreciation for Poster sessions in **73rd Indian Pharmaceutical congress** held from 5th to 7th July 2024 at Hitex Exhibition Center, Hyderabad.
- Delivered a guest lecture on **“Overview of Literature survey and writing a research paper”** on 18-06-2024 at The Oxford college of Pharmacy, Bengaluru, Karnataka.
- Participated as **Resource Person** during workshop for talk entitled Interpretation of **“Infra-red spectra-A Practical approach”** on 13-01-2024

organised by Institutions Innovation council of Al-Ameen college of Pharmacy, Bengaluru.

- Acted as **Guest faculty** and conducted online theory classes on “**Quality Control and Quality assurance**” for the Basics of Pharmaceutical science certificate course (approved by UGC, New Delhi) conducted by university college for women, Koti, Hyderabad during March to July 2021 and March to July 2022.
- Participated and rendered services as “**Organizing committee member**” for three days e-Student Skill development Programme from 12th to 14th August 2021 organised by Department of pharmaceuticals and pharmaceutical analysis, G. Pulla Reddy College of Pharmacy, Hyderabad, Telangana.
- Participated and rendered services as “**Organizing committee member**” for one week e-Faculty development Programme from 8th to 13th July 2020 organised by Department of pharmaceuticals and pharmaceutical analysis, G. Pulla Reddy College of Pharmacy, Hyderabad in association with IPA state branch Telangana.
- Participated as **EVALUATOR** for Poster session at 4th International conference on “Innovations in Pharma industry, Education and Research” (IPIER2020) held on 27th & 28th February 2020, at School of Pharmacy, Anurag group of Institutions, Hyderabad.
- Participated as **EVALUATOR** for Oral session in Two-day National conference on “Transpiring novelty and Hitech Knowledge in advanced research in Pharmaceutical sciences” (TKRPS-2K17) held at TKR College of pharmacy, Hyderabad during February 6th, and 7th 2017.

ATAL FDP ATTENDED

- Participated and completed successfully AICTE training and learning (ATAL) academy online Advanced FDP on “**Artificial intelligence in drug development**” from 10th to 14th August 2021 organised by Roland institute of pharmaceutical sciences.
- Participated and completed successfully AICTE training and learning (ATAL) academy online elementary FDP on “**Revisiting different facets of medicinal chemistry**” from 05th to 09th July 2021 organised by Bombay College of Pharmacy, Bombay.

- Participated and completed successfully AICTE training and learning (ATAL) academy online FDP on **“Productivity enhancement”** from 14th to 18th December 2020 organised by Smt.Kishoritai Bhoyar college of Pharmacy, Kamptee, Maharashtra.
- Participated and completed successfully AICTE training and learning (ATAL) academy online FDP on **“Artificial intelligence”** from 7th to 11th December 2020 organised by NIPER Kolkata.
- Participated and completed successfully AICTE training and learning (ATAL) academy online FDP on **“Artificial intelligence in Pharmaceutical sciences”** from 2nd to 6th November 2020 organised by Institute of Pharmaceutical technology, Sri Padmavathi mahila visvavidyalayam, Tirupati.
- Participated and completed successfully AICTE training and learning (ATAL) academy online FDP on **“Design thinking”** from 23rd to 27th November 2020 organised by Anand Pharmacy College.

NPTEL COURSES/FDP/WORKSHOP ATTENDED

- Successfully completed the online workshop on **“Effective Teaching”** by Prof.Pankaj Jalote, Distinguished Professor, IIT Delhi, organised by NPTEL on February 23rd 2024.
- Successfully completed the online workshop on **"Interactive tools and for energized and engaged classes"** by Mr. Kartic Vaidyanathan (Founder, Lets-play to Learn) and Dr. Preeti Aghalayam, IIT Madras, organised by NPTEL on August 6th, 2022.
- Successfully completed the online course on **NIECer 102: “Ethics review of health research” (NPTEL Online certification) conducted by ICMR-National Institute of Epidemiology** dated July 2022.
- Successfully completed the online course on **NIECer 103: “Scientific writing in health research” with a score of 78% (NPTEL Online certification) conducted by ICMR-National Institute of Epidemiology** dated May 2022.
- Successfully completed FOUR-week course (January to February 2021) on **“Introduction to Professional scientific communication” (NPTEL Online**

certification) conducted by Indian Institute of technology, Kanpur, Funded by Ministry of HRD, Govt of India.

- Successfully completed FOUR-week course (January to February 2020) on **“Designing Learner-Centric MOOCs” (NPTEL Online certification)** conducted by Indian Institute of technology, Bombay, Funded by Ministry of HRD, Govt of India.
- Successfully completed TWELVE-week course (January to April 2020) on **“Medicinal Chemistry” (NPTEL Online certification)** conducted by Indian Institute of science education and research, Pune, Funded by Ministry of HRD, Govt of India.
- Successfully completed EIGHT-week course (August to October 2019) on **“Introduction to Research” (NPTEL Online certification)** conducted by Indian Institute of technology, Madras Funded by Ministry of HRD, Govt of India.

FDP/STC COURSES/WORKSHOPS ATTENDED

- Attended Two Days Online Faculty Development Programme (e-FDP) on **‘Pedagogical Tools and Approaches: Engaging Pharmacy Students in Chemistry Classroom’**, held on 13th and 14th February, 2025 organized by School of Pharmacy, D Y Patil Deemed to be University, Navi Mumbai, and Association of Pharmaceutical Teachers of India, Maharashtra Branch.
- Participated in **“Online NEP Orientation and Sensitization Programme”** organized by UGC- Malaviya Mission Teacher training centre, Osmania university, Hyderabad, Telangana from 03.10.23 to 11.10.23.
- Participated in three-day national level e-Faculty development program on **“Best practices in teaching and research”** organized by Santhiram college of pharmacy, Nandyal in association with APTI state branch AP., India during 5th to 7th September 2022.
- Successfully participated in a one-week training program on **“Characterization using sophisticated instruments”**, under the scheme synergetic training program utilizing the scientific and technological infrastructure (STUTI), DST- India, organized by the Department of Chemistry, VNIT, Nagpur and NIT, Warangal during August 8-14, 2022.

- Participated in Faculty development program (FDP) on **“Essentials of Current Pharmaceutical quality and Regulatory management system in industry”** organized by Department of Quality assurance, Krupanidhi college of Pharmacy, Bengaluru from 6th to 10th June 2022.
- Participated in AICTE sponsored short term training program (STTP) entitled **“Molecular neuroscience: from cells to circuits in health disease” Phase II: Drug development approaches in Molecular neuroscience** from 24th to 29th May 2021 Organized by Seven hills college of Pharmacy, Tirupati, A.P.
- Participated in the International Faculty Development Program (iFDP) **“Emerging Trends in Pharmaceutical Research”** organized by Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune from 20th Feb to 15th May 2021.
- Successfully completed one week Faculty development programme on **“Academic writing”** from 10th to 16th May 2021 and obtained **Grade “A+”** organised by Teaching learning centre, Ramanujan college, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malavia national mission on teachers and teaching, Govt of India.
- Participated in All India council of technical education (AICTE) sponsored Online faculty development programme (FDP) entitled **“Emerging trends in Drug design and development”** organized by Roland Institute of Pharmaceutical sciences, Berhampur, Odisha during 15th to 26th March 2021(Series 2).
- Attended and participated as delegate in the AICTE Sponsored Short term training Programme (online) Phase 3 on the theme **“Innovative Pedagogy to develop and implement skill-based Pharmacy curriculum-A faculty perspective”** held from March 8-13, 2021, Organised by Manipal College of Pharmaceutical sciences, Manipal.
- Participated in Three-week online course on **“Quality in Pharmaceutical industry”** and completed online quizzes and assignments as a part of self-assessment during 15th August to 12th September 2020 organized by MYBO.
- Participated in TEQIP-III sponsored One-week short term course on **“Modern Tools and Techniques for Effective Research and Publications” (MTTERP)** organized by Department of Industrial and Production engineering, Dr.B.R.

Ambedkar National Institute of technology, Jalandhar held during 21st to 25th August 2020.

- Participated in one week e FDP on **“Advances in Pharmaceutical research”** organised by Department of Pharmacognosy and Phyto chemistry, Bapatla college of Pharmacy in association with IPA education division and Indian Pharmaceutical association (IPA) from 13th to 18th August 2020.
- Successfully completed a 2- week Faculty development programme on **“Managing Online Classes and Co-creating MOOCS 3.0”** from July 25th to August 10th, 2020 and obtained **Grade “A”** organised by Teaching learning centre, Ramanujan college, University of Delhi under the aegis of Ministry of Human Resource development, Pandit Madan Mohan Malavia national mission on teachers and teaching, Govt of India.
- Attended One week e-Faculty development program (e-FDP) on **“Insights into drug discovery and development (IDDD) 2020”** from 27th July to 1st August 2020 organised by Department of Pharmacology, Pharm chemistry and Pharmacognosy, G. Pulla Reddy college of Pharmacy, Hyderabad in association with Indian Pharmaceutical association (IPA) –TS branch and MYBO group.
- Participated in the Five days Online Short-term course on **“Technological challenges & Opportunities in COVID-19 Outbreak”** sponsored by TEQIP-III and organised by Department of Computer Science and Engineering, NIT Uttarakhand from 6th to 10th July 2020.
- Participated in One week Online International Faculty Development Program on **“Innovations in Natural Product driven drug discovery and Analytical chemistry”** Organized by Department of Pharmacognosy and Pharmaceutical analysis, Shri Vishnu college of Pharmacy (autonomous), Bhimavaram in association with Association of Pharmaceutical Teachers of India, Association of Pharmacy professionals (APP), Society of Pharmacognosy (ISP) and Mybo group from 6th to 11th July 2020.
- Participated in One week Online International Faculty development program on **“The Role of Pharmacist in Health care”** organised by Department of Pharmacy practice, Shri Vishnu college of Pharmacy (autonomous), Bhimavaram in association with Association of Pharmaceutical Teachers of

India, Mybo group, Pharmacon society of pharmacy practice and medxperts from 29th June to 4th July 2020.

- Participated in Five-day Faculty development program on **“Strategies and advancements in research and development: strengthening academicians for pharmaceutical care”** organised by Internal quality assurance cell (IQAC) and Institution’s innovation cell (IIC) of Vignan pharmacy college, Vadlamudi, Guntur district in association with National research development corporation (NRDC) from 22nd to 26th June 2020.
- Attended and successfully completed Two Week Online Faculty development program on **“Pedagogy and Challenges in Pharmaceutical Research”** from 01.06.2020 to 12.06.2020 conducted by Maharajah’s college of Pharmacy, Vizianagaram, AP.
- Successfully completed the Fifteen days online certificate course on **“Research methodology”** with a secured 82% and achieved Grade of **“A”** Remark, Excellent conducted from 19th May to June 3rd, 2020, authorised by Lakshmi book Publication.
- Participated five days e-Faculty development Program on **“Building research and Innovative culture among Pharmacy Teachers”** from 18th to 22nd May 2020 organised by Dr. D Y Patil Institute of Pharmaceutical sciences and Research, Pimpri, Pune in association with APTI.
- Participated in One week online International FDP on **“Pharmaceutical education and research”** organised by International Quality assurance cell (IQAC), Bapatla college of Pharmacy, Bapatla.AP, India from 13th to 18th May 2020.
- Attended One Week National level e-Faculty Development Programme on **“Redefining the Role of Educator in Covid-19 Outbreak Era”** Jointly Organised by Gujarat Technological University, Ahmedabad and Anand Pharmacy College, Anand Gujarat during May 11th to 16th May 2020.
- Successfully completed the course on **“Computer aided drug design and training program”** conducted by Mars training academy Dilsukh nagar, Hyderabad from 3rd April 2020 to May 2nd, 2020.

- Successfully completed the course on **“Python and machine learning training Program”** conducted by Mars training academy Dilsukh nagar, Hyderabad from 3rd April 2020 to May 2nd, 2020.
- Participated in the AICTE sponsored QIP-Short term course on **“Research communication”** at Department of Humanistic studies, IIT(BHU) Varanasi during December 2-6,2019.

Presented as a Resource person (Selected from the registered participants) on topic. “Overview of literature survey” in the AICTE sponsored QIP-Short term course on “Research communication” at Department of Humanistic studies, IIT (BHU) Varanasi on December 6th, 2019.

- Participated in the SIX-day workshop on **“Pharmaceutical Quality assurance and Quality control”** held during Module I: 11th to 13th October 2019, Module II: 18th to 20th October 2019 jointly organized by NIPER-Hyderabad, Pharmexcil & NIB at National Institute of Pharmaceutical Education and Research, Hyderabad.
- Participated in One-Week Faculty development programme (FDP) on **“Advances in Phytomedicine”** organized by the **Department of Pharmacognosy, school of Pharmacy, Anurag group of institutions** Hyderabad during 29th April to 4th May 2019.

SEMINARS ATTENDED/PRESENTED:

- Participated and Presented Oral Presentation in 27th Annual national convention APTICON 2024 held at Utkal university, Bhubaneswar on 27th and 28th September 2024.

Title of the work: “Synthesis, Characterization, Molecular docking study and Anti antitubercular activity of substituted 1,4, 5, 6, 7, 8 hexa hydroquinoline - 3-carbonitrile derivatives”.

- Participated in the SPSR webinar on **“Solid shall be alternative source to replace harmful organic solvent in future” (Mixed solvent concept)** organized by Society of Pharmaceuticals sciences and research (SPSR) on 6th August 2023.
- Participated and presented e-poster presentation entitled **“Synthesis, Characterization, Antitubercular evaluation and Teratogenicity studies of Novel 5-(4-Fluorobenzoyl) tetrahydro benzimidazoquinazoline derivatives”** in the one-day international e-conference on **“Exploring the frontiers of in silico drug discovery: Trends, challenges and opportunities”**. Organized by

Department of Pharmaceutical chemistry, Faculty of Pharmacy, Ramaiah university of Applied sciences, Bengaluru, Karnataka on 28th July 2023.

- Participated and presented oral presentation in the Two-Day International Conference on **“Current trends in drug discovery, development and delivery CTD4-2022”** on 21st & 22nd October 2022 organized by KL college of Pharmacy, KL Deemed to be university, green fields, Vaddeswaram, A.P, India in association with Royal society of chemistry U.K.
- Presented Professional e-Poster entitled **“Design Synthesis, Molecular docking studies and anti-tubercular evaluation of hexahydroquinolin-2-yl benzamide derivatives”** at **RAKCOPS international e-conference on drug development 2021** organized by RAK college of pharmaceutical sciences, RAK Medical and Health Sciences university, Ras Al Khaimah, United Arab Emirates from May 23rd to 24th 2021.
- Participated in International webinar on **“Advanced Pharmaceutical analytical techniques”** organised by KL College of Pharmacy in association with MYBO group on 25th July 2020.
- Participated in AICTE sponsored National level e-conference on **“Prominence of Bio analysis in drug discovery and its application to Pharmacokinetic studies”** held at Vageswari institute of pharmaceutical sciences, Karimnagar, Telangana from 24th to 25th July 2020.
- Participated in the National webinar on **“Resesarch methodology”** held on 17th July 2020 Organised by Loyola College (Autonomous), Chennai, Tamilnadu.
- Participated in webinar on **“Importance of Regulatory and corporate affairs and their Pharmaceutical perspectives”** on 12th July 2020 organised by Chebrolu Hanumaiah institute of pharmaceutical sciences, in association with IPA, Education division.
- Participated in the National webinar on **“Pharmaceutical Quality system”** Organised by Seven hills college of Pharmacy, Tirupati, on July 11th, 2020.
- Participated in the International webinar on **“Modern approaches in drug discovery and development”** organised by Ronald institute of pharmaceutical sciences, Berhampur, Odisha, in association with IAAC society on 9th July 2020.

- Participated in webinar on **“Digital therapeutics Introduction and Overview”** organized by School of Pharmacy, ITM university, Gwalior, M.P India on July 9th, 2020.
- Participated in national webinar on **“Chi-square test in Pharmaceutical experimentation”** organized by MYBO group on 5th July 2020.
- Participated in National webinar on **“Analysis of variance (ANOVA) in pharmaceutical experimentation”** organised by Vishwanadha Institute of Pharmaceutical sciences in association with Mybo group on 28th June 2020.
- Participated in national webinar on **“Recent advances in modern analytical techniques”** organized by placement cell, AU College of science and technology, Andhra University and Perkin Elmer India Pvt Ltd from 22nd to 24th June 2020.
- Participated in Four-day international webinar **“BIOCONCLAVE - An intellectual war against COVID-19 Pandemic”** organised by Department of Pharmaceutical Biotechnology, Hindu college of Pharmacy, from 19th to 22nd June 2020.
- Participated in National Webinar on **“Emerging Synthetic Organic Techniques in Drug discovery”** organised by V.V. Institute of Pharmaceutical sciences Gudlavaluru, Krishna district, A.P in association with APTI on 5th June 2020.
- Participated in online Webinar on **“ICH Q10-A Comprehensive Model for Pharmaceutical Quality system”** Organised on 31st May 2020 organised by Vignan Pharmacy college.
- Successfully attended **“Live webinar of Technical lecture series 2020”** from 27th to 29th May 2020 organised by IQAC, Yashwantrao Bhonsale College of Pharmacy, Sawantwadi, sindhudurg, Maharashtra.
- Participated in the International webinar on **“Trends in drug delivery systems: Post COVID-19 Scenario”** on 29th May 2020 organised by GITAM institute of Pharmacy, Vizag and GITAM school of Pharmacy, Hyderabad.

- Attended Three-day International webinar from 23rd to 25th May 2020 on **“Quality by design”** organised by Innovation cell of Bapatla college of Pharmacy in association with Indian Pharmaceutical association Education division.
- Participated in online webinar series on **“Novel insights in Pharmaceutical sciences during Covid-19 Pandemic”** organised by Santhiram college of Pharmacy, Nandyal, Kurnool, AP in association with Indian Pharmaceutical association (IPA) during 22nd to 24th May 2020.
- Successfully attended Two days Online International Conference on **“Covid-19: Challenges in testing prophylaxis and management”** in collaboration with Society of Pharmaceutical Education and Research (SPER) and International Society of Pharmacoeconomics and Outcome Research (ISPOR) organised by ISF college of Pharmacy, Moga from 22nd -23rd May 2020.
- Participated in Webinar on topic **“Molecular docking as a Popular tool in Drug design”** organised by the Department of Pharmaceutical chemistry, Swamy Vivekananda College of Pharmacy, Elayampalayam, Tiruchengode, Tamilnadu on 23rd May 2020.
- Participated in the CPE webinar on **“Understanding “Practice school and its concept in UG Pharmacy Education”** organised by the Pharmacy council of India, New Delhi, in association with Rajiv Gandhi university of Health sciences, Bengaluru and JSS academy of Higher education and Research, Mysuru on 23rd May 2020.
- Participated in Webinar on topic **“Role of NMR in the structure analysis of Organic compounds”** Organised by Vignan Pharmacy College on 20th May 2020.
- Participated in Webinar on **“Transforming Drug discovery with advanced Computational modeling”** organised by SCHRODINGER on 21st May 2020.
- Attended and successfully completed **“Academic ethics and Plagiarism”** a course of study offered by Association of Pharmaceutical Teachers of India, conducted online by Prof.ViditaA. Vaidya on 19th May 2020.

- Participated in Webinar on topic **“Herbal Start up: Scope & Challenges”** on 17th May 2020 organised by Sharadchandra Pawar College of Pharmacy, Dumbarwadi, Pune, Maharashtra.
- Participated in MYBO webinar on **“Writing a Thesis: For B. Pharm and M.Pharm Projects”** organised by MYBO group on 17th May 2020.
- Participated in Two Days Online Webinar and Training session Organised by ASTER EDIT, Pune on the topic **“Plagiarism-Don’t get trapped & Academic Writing”** on 16th to 17th May 2020.
- Attended the International Webinar on **“Drug Information Practice - Case Scenarios and Solutions”** Organised by MNR college of Pharmacy, Sangareddy, Hyderabad on 15th May 2020.
- Attended the International Webinar on **“Importance of knowledge updation for Community and Hospital Pharmacists”** hosted by the Karnataka State Pharmacy council (KSPC) on 8th May 2020.
- Participated in COVID-19 **“Prepare Don’t Panic” e-Poster designing competition** organized by KLE College of Pharmacy, Belgavi, Karnataka on 6th May 2020.
- Actively attended the Two days State Level Online Free Webinar on topic **“Publication Guidelines, Stress Management during lockdown and Self awareness on Covid19”** Jointly organised by Pune District Education Association’s Shankarrao Ursal College of Pharmacy, Kharadi,Pune and Aster Edit, Pune on 1st to 2nd May 2020.
- Attended the Webinar on **The Pharmacist and COVID-19** hosted by Karnataka Registered Pharmacist association KRPA and Partner organisations on 01st May 2020.
- Attended the Webinar on **Oral and Hand Hygiene in times of COVID-19** hosted by Karnataka Registered Pharmacist association KRPA and Partner organisations on 24th April 2020.
- Completed Six-hour course on **Good Clinical Practice** offered by NIDA clinical trials network on 23rd April 2020.

- Participated and completed course (Offered by WHO) on **Infection Prevention and Control (IPC) For Novel Corona virus (COVID-19)** on April 20th, 2020.
- Participated and achieved a record on **COVID-19: Operational planning guidelines and COVID-19 Partner's platform to support country preparedness and response** (Course offered by WHO) on April 20th 2020.
- Successfully completed the activity on the topic of **Corona virus 2019 (COVID-19)** offered by the AACC learning lab for Laboratory medicine on NEJM Knowledge and is accredited by the Massachusetts Medical society on April 17th, 2020.
- Participated in "**International Conference on Drug discovery**" Organized by SCHRODINGER held at BITS-Pilani Hyderabad campus from 29th February to March 2nd, 2020, and *Presented Poster* entitled Design, Synthesis, Molecular docking, and Biological Evaluation of Pyrazole1-Carbothiamide incorporated Isoxazole derivatives.
- Participated in a Two-day International conference on "**Pharmacokinetics in Academics and Research**" held during 23rd and 24th September 2019 organized by KL College of Pharmacy, Koneru Lakshmaiah education foundation, Guntur and MYBO group.
- *Presented a poster* entitled "Development and validation of chemometric assisted FTIR spectroscopic method for simultaneous determination of montelukast sodium and fexofenadine hydrochloride in pharmaceutical dosage forms" in **international workshop on Translational research strategies for drug discovery and clinical development** organized by CRC Pharma LLC, New Jersey, USA on July 20th- 21st 2019, Hyderabad.
- *Presented a poster* entitled "Design synthesis and anti tubercular evaluation of Novel triazole derivatives" in **international conference on Pure and Applied Chemistry (Recent advances in chemical sciences)** IconPAC2019 Organized by Department of Chemistry, KL (Deemed to be university), Vaddeswaram, Guntur, AP, India during 8th and 9th March 2019.
- Participated in a one-day workshop on "**Analytical instrumentation**" held on February 28, 2019, at JNTU Hyderabad organized by Department of Chemical engineering, JNTUHCEH.

- *Presented a poster* entitled “Estimation of Nateglinide by using MBTH as a chromogenic agent” in **National conference on pharmaceutical industry overview and expectations** held on 22nd&23rd February 2019 at MNR college of Pharmacy, Sanga reddy, Hyderabad, Telangana.
- Participated in the One-day international symposium on “**Recent trends in Chemical biology**” organized by Research development and consultancy cell (RDCC) held at University College of science, osmania university, Hyderabad on 28th November 2018.
- *Presented poster presentation* in the National seminar on “**Quality management in Pharma industry**” organized by N.E.T pharmacy college, Raichur on 11th August 2018, as a part of silver jubilee celebrations.
- *Presented a paper* on “Development and validation of bio analytical method for estimation of Darifenacin HBr in dosage form using β naphthol” in the oral scientific session of ICMR sponsored **3rd International conference on Innovations in Pharmaceutical sciences (ICIPS-2018)** held on 3rd and 4th August 2018 at Gurunanak institutions technical campus school of Pharmacy, Hyderabad, India.
- Participated in the interactive seminar on “**Present and future needs of Pharma industry from academia and regulatory**” jointly organized by the Indian pharmaceutical association Telangana state branch and Pharmexcil in coordination with NIPER, Hyderabad on 30th June 2018.
- Participated in AICTE sponsored National seminar on “**QbD approaches in analytical method development for pharmaceutical formulations.**” during 27th-28th October 2017 at Gokaraju Rangaraju College of pharmacy.
- Participated in National seminar on Theme- “**From research to Health care: Your Pharmacist is at your service**” on eve of World Pharmacist Day organized by the Indian pharmaceutical association Telangana state branch and Sultan-ul-uloom college of pharmacy on September 25th 2017.
- *Presented oral presentation* on “Synthesis characterization and anti tubercular evaluation of some novel quinazoline derivatives” at **international conference on Design development and practice of drugs** sponsored by Department of Biotechnology Ministry of Science & technology and Non-

destructive Biomed pharma research centre University Teknologi MARA held at CES College of pharmacy, Kurnool, on 22nd and 23rd January 2016.

- Participated in the Pharmacist Day celebrations organized by IPA Telangana state branch Theme: **"Pharmacist: Caring for you"** at Hyderabad on September 25th, 2016.
- *Participated and presented paper on* "Development of Sensitive Spectrophotometric Method for Analysis of Darifenacin Hydrobromide Liposomes in Rat Plasma" in DST sponsored Two-day National Conference on **"Transpiring Novelty and Hitech Knowledge in Advanced Research in Pharmaceutical Sciences (TKRPS-2015)"** held at Teegala Krishna Reddy College of Pharmacy (TKRCOP) on December 29th & 30th 2015.
- Participated a session on **"Role of Pharma in Healthcare"** conducted by ASCI – PGDHM on 9th April 2015.
- Participated in 66th Indian Pharmaceutical congress (IPC) held at Hitex, Hyderabad, from 23rd to 25th January 2015.
- *Presented oral presentation* on "Synthesis of Novel pyrazole derivatives and their evaluation for Anti-bacterial and Anti-inflammatory activities" at **international conference on Advances in biopolymer drug delivery systems**, held at CES College of pharmacy, Kurnool, on 30th and 31st January 2014.
- Participated in 65th Indian Pharmaceutical Congress (IPC) held at Amity University, Delhi NCR from 20th to 22nd December 2013.
- *Presented e-poster presentation* on "Synthesis of Novel Quinazoline derivatives, their characterization and Evaluation of Biological activity" at **18th APTI convention APTICON-2013**, held at Rajahmundry during 25 to 27 October 2013.
- *Presented poster presentation* on "Development of Simple Spectroscopic method for the estimation of Eugenol" at **2nd International Conference on Current status and Future Perspective in Pharmaceutical sciences** "held at PES College Of Pharmacy, Bangalore held during 20th and 21st August 2010.

PAPER PUBLICATIONS

- 1) **N. Raghavendra Babu***, K. Manjusri, P. Lekhana, J.Kasturi, N. Santosh Reddy, Artificial Intelligence (Ai) Impact: Revolutionizing Every Pharmaceutical

Department. Journal of Global trends in Pharmaceutical sciences. ISSN 2230-7346, Vol.16, Issue1, January 2025.(UGC care indexed).

- 2) Gousia Tazeen, K.Manjusri, P.Lekhana, Y.Padmavathi, **N.Raghavendra Babu***, Quantitative analysis of Irbesartan in pharmaceutical formulation using MBTH Reagent. International Journal of Chemical science. ISSN 2523-2843, Vol.9, Issue1, January 2025.
- 3) N. Jayasree, T.Radhika, A.Lalitha Devi, **N.Raghavendra Babu*** Innovative Approaches to the Synthesis and Biological Applications of Triazoles. Pramana Research Journal. ISSN 2249-2976, Vol.15, Issue1, January 2025. (UGC care indexed).
- 4) Gousia Tazeen, K.Manjusri, P.Lekhana, Y.Padmavathi, **N.Raghavendra Babu***, Spectrophotometric determination of Irbesartan by NQS reagent in bulk and tablet dosage form. International Journal of Research and analytical reviews. ISSN 2348-1269, Vol.11, Issue4, December 2024.(UGC care indexed).
- 5) Pallepogu Venkateswara Rao, Naidu Srinivasa Rao, Biswa Mohan Sahoo, **Nayaka Raghavendra Babu**, Rapid Development and Validation of Atoltivimab, Maftivimab and Odesivimab in Pharmaceutical Dosage form by using the RP-HPLC Method. Current Pharmaceutical analysis. ISSN 1573-4129, 2024, Vol.20, Issue3, 212-223.
<http://dx.doi.org/10.2174/0115734129300296240416070559> (Scopus and web of science indexed IF: 0.6).
- 6) Uzma Fatima , Shabhana Begum, T.Radhika, Deepika.T, Anjali.G, **N.Raghavendra Babu***, Dimedone: A Versatile Molecule in the synthesis of various heterocycles. Sirjana Journal.ISSN:2455-1058],2024, Vol.54, Issue3, 239-260. <http://sirjana.in/wp-content/uploads/2024/03/27.SRJ23A375.pdf> (UGC care indexed).
- 7) **N.Raghavendra babu**, B.M.Sahoo, Y.Padmavathi, T.Radhika, Bharat Kumar.C, Narender malothu. Synthesis, Anti tubercular evaluation, Molecular docking study, and teratogenicity studies of novel triazolo quinazoline hybrids. Russian Journal of General chemistry. ISSN: 1070-3632, 2023, Vol.93, Issue 10, 2684-2693. <https://doi.org/10.1134/S1070363223100237> (SCI indexed IF: 0.9)
- 8) Karishma K, K.Manasa Saujanya, Adiba Sahiya, Rudraksha Chavhan, Y.Padmavathi, **N.Raghavendra Babu**. Derivative and Difference spectrophotometric methods for the analysis of Ambrisentan in pharmaceutical dosage forms. International Journal of research and analytical reviews. ISSN : 2348-1269, Vol 10, Issue 4, 2023, 382-401.
<http://www.ijrar.org/papers/IJRAR23D2402.pdf> (UGC Care indexed).
- 9) Harshitha.G, Ravi Kumar P, Padmavathi Y, **Raghavendra Babu N**, Gourab Das. Development and validation of new visible spectrophotometric method

for the estimation of Temozolomide using β -naphthol. International Journal of research and analytical reviews. ISSN : 2348-1269, Vol 10, Issue 3, 2023, 114-120. <http://www.ijrar.org/papers/IJRAR23D2402.pdf> (UGC Care indexed).

- 10) **N.Raghavendra Babu**, A.Divya, Y.Padmavathi, A.Subha sree, A.G.Prasanna Lakshmi, T.Vinoda. Development of New Sensitive Spectrophotometric Method for Estimation of Famciclovir Using 3-Amino Phenol. Asian Journal of Pharmaceutical research and development ISSN: 2320-4850, Vol 11(4), 2023, 24-29. <http://dx.doi.org/10.22270/ajprd.v11i4.1280>
- 11) **N.Ragahvendra babu**, G.Neena, Y.Padmavathi, A.Lakshmi Prasanna, M.Subhasree, Leena rani. A Simple Colorimetric Method For The Determination of Favipiravir In Pharmaceutical Dosage Form Using MBTH Reagent. High technology letters, ISSN 1006-6748, Vol 29, Issue 8, 2023, 21-32. <http://www.gstx-e.cn/> (Scopus Indexed)
- 12) G.Jaya Sravani, Pola Ravi Kumar, Y.Padmavathi, **N.Raghavendra Babu**. Development and validation of RP-HPLC method for the quantitative estimation of Rivaroxaban in bulk and Pharmaceutical dosage form. Research Journal of Pharmacy and Technology ISSN 0974-3618, Vol16, Issue 6, 2023,2719-2723. <http://dx.doi.org/10.52711/0974-360X.2023.00447> (Scopus indexed IF:0.87)
- 13) Nithila.P, **N. Raghavendra babu**, Y. Padmavathi, G. Neena, K. Sushma, A. Poojitha New FTIR Method Development and Validation for Quantitative Analysis of Favipiravir in Bulk and Pharmaceutical Dosage Forms. International Journal of Current Pharmaceutical Research ISSN- 0975-7066 Vol 14, Issue 5, 2022, 25-29. <https://doi.org/10.22159/ijcpr.2022v14i5.2022>
- 14) Harshitha. G, Ravi Kumar. P, Padmavathi. Y, **Raghavendra Babu. N**, Srinidhi Goud. N. Development and Validation of New Spectroscopic Method for the Estimation of Temozolomide using Chromogenic Reagent. INFOKORA RESEARCH, ISSN: 1021-9056, Volume 11, Issue 8, 2022, 1-12. <http://infokara.com/>
- 15) K. Vaishali, Y. Padmavathi, **N. Raghavendra Babu**, N. Swetha, K. Karishma, V. Vidyadhari, Reddygari Uday Charan Reddy. Microbiological Analytical Method for Determination of Sertaconazole Nitrate in Pharmaceutical Formulations.YMERISSN, ISSN: 0044-0477, VOLUME 21: ISSUE 7 (July) - 2022,1104-1115. <http://ymerdigital.com/> (Scopus indexed)
- 16) B. Guru Sai Supriya, **N. Raghavendra Babu**, Y Padmavathi, Sai Chaitanya Reddy B, G Sai Pavani. Development and Validation of Novel FTIR Method for Quantitative Estimation of Silodosin in Bulk and Pharmaceutical Dosage

Forms. YMER, ISSN: 0044-0477, VOLUME 21: ISSUE 7 (July) – 2022,344-353.
<http://ymerdigital.com/> (Scopus indexed)

- 17) Y. Padmavathi, **N. Raghavendra Babu**, K. Rohini, Ashraf A. Khanam, R. Padmavathi. Development and Validation of Chemometric Assisted Fourier Transform Infrared Spectroscopic Method for Simultaneous Determination of Montelukast Sodium and Fexofenadine Hydrochloride in Pharmaceutical Dosage Forms. Research J. Pharm. and Tech. 15(5): May 2022. ISSN 0974-3618
<https://doi.org/10.52711/0974-360X.2022.00376> (Scopus indexed IF:0.87)
- 18) R. Padmavathi, Y. Padmavathi, **N. Raghavendra Babu**, A. Suneetha and B. Guru Sai Supriya “Development and Validation of q-absorbance ratio method for Simultaneous Estimation of Telmisartan and Hydrochlorothiazide in Marketed Formulations by Difference Spectrophotometry” World Journal of Pharmacy and Pharmaceutical sciences.2021; Volume 11, Issue 1, 1684-1697
<http://www.wjpps.com/>
- 19) R Padmavathi, Y. Padmavathi, **N. Raghavendra Babu**, V Akhila, G. Keerthi, “Development and Validation of Difference Spectrophotometric Method for Simultaneous Estimation of Rosuvastatin Calcium and Aspirin in Marketed Formulation” Asian Journal of Pharmaceutical Research and Development. 2021; 9(6):56-61. <http://dx.doi.org/10.22270/ajprd.v9i61046>
- 20) Amani Baquer Shareef Y. Padmavathi, **N. Raghavendra Babu** and P. Ravi Kumar “Development and Validation of Bioanalytical Method for the pharmacokinetic Study of Famotidine Snedds in Rats Using RP-HPLC” IJPSR, 2021; Vol. 12(10): 5396-5406. [http://dx.doi.org/10.13040/IJPSR.0975-8232.12\(10\).5396-06](http://dx.doi.org/10.13040/IJPSR.0975-8232.12(10).5396-06) (Web of science indexed)
- 21) Sana Fathima, Yenumula Padmavathi, Ancha Divya, **Nayaka Raghavendra Babu**, Ravi Alvala “Development and Validation of Microbiological Analytical Method for Determination of Potency of Luliconazole Cream” Asian J. Pharm.Hea. Sci.Oct-Dec 2020, Vol 10, Issue 4: 2408-2414. (Web of science indexed)
- 22) Y Padmavathi, Ravi alvala, Jaya sravani Garige, **N. Raghavendra Babu**, Elluri soumya “Simultaneous estimation of Tenofovir disoproxil fumarate, Efavirenz and Lamivudine in fixed dose combination tablets by Ultraviolet spectrophotometry in multicomponent mode and its application in Rat plasma” Asian J. Pharm.Hea. Sci.Apr-Jun2020, Vol 10, Issue 2: 2248-2254. (Web of science indexed)

- 23) Ashraf A Khanam, Y Padmavathi & **Raghavendra Babu** "Development and Validation of Derivative FTIR Spectroscopy for Estimation of Entecavir Monohydrate in its Pure and Pharmaceutical Dosage Forms" Global journal of medical research (B) Volume XX Issue V Version I 2020:13-36.
<http://medicalresearchjournal.org/index.php/GJMR>
- 24) **N. Raghavendra Babu**, Uma Sankar Kulandaivelu, GSN Koteswara Rao, Rajashekar Reddy Alavala, Y. Padmavathi and B. Madhava Reddy "Design, synthesis and evaluation of anti tubercular activity of novel triazole derivatives" IJPSR, 2020; Vol. 11(6): 2920-2925.
[http://dx.doi.org/10.13040/IJPSR.0975-8232.11\(6\).2920-25](http://dx.doi.org/10.13040/IJPSR.0975-8232.11(6).2920-25) (Web of science indexed)
- 25) Anjali Polker, Yenumula Padmavathi, Ravi Kumar, **Nayaka Raghavendra Babu** "Quantitative Bio analytical and analytical methods for estimation of Ivabradine hydrochloride in pure and pharmaceutical dosage form" Journal of Reports in Pharmaceutical Sciences; Volume 9; Issue, January-June 2020: 1-10.10.4103/jrptps.JRPTPS_110_19 (Scopus and web of science indexed IF: 0.6)
- 26) Kodipyaka Sahithi, Pola Ravi Kumar, Yenumula Padmavathi, **Nayaka Raghavendra Babu**, Damanagari Saranya Reddy, Garige Jaya Sravani, Challoori Spandana "Development and validation of bio-analytical method for the quantitative estimation of rivaroxaban by using UV spectrophotometry" World J Pharm Sci 2020; 8(2): 38-43. <http://www.wjpsonline.org/>
- 27) **N. Raghavendra Babu**, Y. Padmavathi, R. Swethan Babu, Amreen Unnisa, M. Bhavana, P. Ravi Kumar "Estimation of Nateglinide by using MBTH as a Chromogenic Reagent" Asian J. Pharm. Ana. 2019; 9(4):199-204. DOI: 10.5958/2231-5675.2019.00033.4
- 28) P Ravi Kumar, P Spandana, Amani Shareef, K Sahithi, **N Raghavendra Babu** "Development and Validation of Difference Spectrophotometric Method for Quantitative Estimation of Gemcitabine Hydrochloride Injection" Asian J. Pharm. Ana. 2019; 9(4):219-223. DOI: 10.5958/2231-5675.2019.00037.1
<https://doi.org/10.5958/2231-5675.2019.00033.4>
- 29) **N Raghavendra Babu**, Y Padmavathi, Anjali Polker, R Swethan Babu, D Venkat Vijaya "Development of New Spectrometric Method for Estimation of

Entecavir Monohydrate in Formulation Using MBTH as Chromogenic Reagent” *Inventi rapid: Pharmaceutical analysis and quality assurance* Vol-2019, Issue4, August 21, 2019, ISSN 0976-3813.

- 30) **N. Raghavendra Babu**, Y. Padmavathi, P.Ravi Kumar, R.Swethan Babu, D.Venkata vijaya, Anjali polker “Development of new spectrophotometric method for estimation of Entecavir monohydrate in formulation using 3-amino phenol as chromogenic reagent” *Journal of Pharmaceutical sciences and research*, Vol 11(6), 2019,2452-2457, ISSN 0975-1459. [ijpsr11061960.pdf](http://www.ijpsr.in/ijpsr11061960.pdf) (pharmainfo.in)
- 31) P Ravi Kumar, T Jhansi Chary Sahithi, Amani Baquer Shareef, **N Raghavendra Babu** “Study of effect of solvents on absorption characteristics of Rifaximin in visible region and its estimation in bulk and dosage forms” *Journal of Pharmaceutical sciences and research*, Vol 11(5), 2019,2007-2011, ISSN 0975-1459. [ijpsr11051960.pdf](http://www.ijpsr.in/ijpsr11051960.pdf) (pharmainfo.in)
- 32) P. Ravi Kumar, P Spandana, **N Raghavendra Babu**, Y Padmavathi, B Anusha, K Sahithi “Development and validation of colorimetric method for quantitative estimation of Gemcitabine hydrochloride in bulk and dosage forms” *Inventi rapid: Pharmaceutical analysis and quality assurance* Vol-2019, Issue3, June 22, 2019, ISSN 0976-3813.
- 33) Y Padmavathi, **N Raghavendra Babu**, Ravi Kumar P, Sheryl Andrews “Development of New chromatographic method for simultaneous estimation of Hydrochlorothiazide and candesartan cilexetil and its application in solubility enhancement studies” *AJPER* April-June. 2019, Vol 8, Issue 2 (28-42). ISSN 2278-7496. [1556100028.pdf](http://www.ajper.com/1556100028.pdf) (ajper.com)
- 34) Padmavathi Y, **Raghavendra Babu N**, Ravi Kumar P, Sowmya D, Rohini K “Development and validation of first order derivative spectrophotometric method for simultaneous estimation of atorvastatin calcium and aspirin in capsules” *Der Pharma Chemica*,2019,11(2):36-42. ISSN 0975-413X. <http://www.derpharmachemica.com/archive.html> (Scopus and Web of science indexed)
- 35) Y Padmavathi, Latha K, **N Raghavendra Babu**, Menda Renuka, P Ravi Kumar “Development and Validation of Liquid Chromatographic Method for Estimation of Darifenacin Hydrobromide in Liposomes” *Inventi rapid pharmaceutical analysis and Quality assurance* Vol-2019, Issue-2, February 23,2019, ISSN0976-3813.

- 36) P Ravi Kumar, P Niveditha, Y Padmavathi, **N Raghavendra Babu**, Amani Shareef, "Development and validation of visible spectrophotometric method for quantitative estimation of mesalamine in bulk and pharmaceutical dosage forms" *Inventi impact pharmaceutical analysis and Quality assurance* Vol-29, Issue-1, January 1, 2019, E-ISSN 0976-755X, P-ISSN 2229-4198.
- 37) **N Raghavendra Babu**, K Akshitha Reddy, Y Padmavathi, P Ravi Kumar, D Venkat Vijaya, "Development and validation of bioanalytical method for estimation of Darifenacin Hydrobromide in dosage form using β naphthol" *Asian Journal of pharmaceutical education and research* Vol -7, Issue-3, July-September 2018 ISSN:2278 7496. [1531680577.pdf \(ajper.com\)](https://doi.org/10.5958/2231-5667.2017.00036.9)
- 38) P. Ravi Kumar, Y. Padmavathi, P. Niveditha, **N. Raghavendra Babu** "Development and validation of difference spectrophotometric method for the quantitative estimation of mesalamine in bulk and pharmaceutical dosage forms" *Asian journal of Pharmaceutical analysis* Vol 2017, Issue 4.P.No 224-228. ISSN- 2231-5667 (Print) ISSN- 2231-5675 (Online). <https://doi.org/10.5958/2231-5675.2017.00036.9>
- 39) Y. Padmavathi, Akari Anjali, **Nayaka Raghavendra Babu**, P.Ravi kumar "Development and validation of new FTIR method for quantitative analysis of gliclazide in bulk and pharmaceutical dosage forms" *Asian journal of research in chemistry* Vol 2017, Issue 3,P.No 1-6, ISSN 0974-4169 (Print) 0974-4150 (Online). <https://doi.org/10.5958/0974-4150.2017.00064.5>
- 40) **N. Raghavendra Babu**, Y. Padmavathi, S. Priyanka, P. Ravi kumar "Development of Sensitive Spectrophotometric Method for Analysis of Darifenacin Hydrobromide Liposomes in Rat Plasma" *Asian journal of Pharmaceutical analysis* Vol 2017, Issue 1.P.No 41-47, ISSN- 2231-5667 (Print) ISSN- 2231-5675 (Online). <https://doi.org/10.5958/2231-5675.2017.00008.4>
- 41) P. Ravi kumar, Vijaya Bharathi, Y. Padmavathi, **N.Raghavendra Babu**, Sheryl Andrews, "Development and Validation of New Spectrophotometric Methods for Quantitative Estimation of Esomeprazole in Bulk and Tablet Dosage Form" *Inventi rapid* Vol 2016, Issue 3, P.No 1-7, E-ISSN 0976-755X,P-ISSN 2229-4198.
- 42) **N. Raghavendra Babu**, N. Sreenivasulu, Y.Padmavathi, M.Srivarsha. "Synthesis of Novel Quinazoline derivatives, their characterization and

Evaluation of Biological activity” Creative journal of Pharmaceutical research, Vol-1, Issue-1, 2015, P.No-16-22, ISSN:2395-4779.

- 43) **N. Raghavendra Babu**, M. Srivarsha, Y.Padmavathi, P.Ravi kumar, “Chromogenic reagents in development of spectrophotometric methods” – A Review. Inventi rapid Vol 2015, Issue 3, P. No 1-20, ISSN 0976-3813.
- 44) **N. Raghavendra Babu**, M.Sri varsha, Y.Padmavathi, P.Ravi kumar “Development of New spectrophotometric Method for estimation of Tenofovir disoproxil fumarate using NQS Reagent” Inventi impact Vol 2015, Issue 2, P.No 102-106. E-ISSN 0976-755X, P-ISSN 2229-4198.
- 45) M.Srivarsha, **N.Raghavendra Babu**, Y.Padmavathi, P.Ravi kumar, “Development of New spectrophotometric Methods for estimation of Tenofovir disoproxil fumarate using MBTH reagent”. (International current pharmaceutical journal) 2014, 4(4):378-381.
<http://dx.doi.org/10.3329/icpj.v4i4.22620>
- 46) C.H. Suneetha, **N. Raghavendra Babu**, B.Madhava Reddy, V.Harinatha Babu “Synthesis of Novel pyrazole derivatives and their evaluation for Anti-bacterial and Anti-inflammatory activities. (IJPCH) International Journal of Pharmaceutical chemistry research 2013, Vol-2, Issue 3, P. No-39-43, ISSN: 2278-8700.

BOOKS AND BOOK CHAPTERS PUBLISHED:

- Authored a book on titled “**Research methodology**”, Published by Walnut publication. ISBN: 978-9359119076.
- Published book chapter titled “**A Novel Fourier transform infrared spectrophotometric method for quantitative analysis of Irbesartan and hydrochlorthiazide in fixed dose formulations**” in the book Current trends in drug discovery, development and delivery (CTD4-2022) on 15th December 2023, Published by **Royal society of chemistry**.
Hardback ISBN: 978-1-83767-083-3, **PDF ISBN:** 978-1-83767-109-0. DOI:
<https://doi.org/10.1039/9781837671090>

M.Pharm students guided:

Name of the student	Year	Title of the work	College/University
Mundru Neha	2024	Estimation and validation of Bilastine Oral solution	GPRCP, OU
Gousia Tazeen	2024	Development And Validation of Spectrophotometric Methods Using Chromogenic Reagents For The Estimation of Irbesartan In Bulk And Pharmaceutical Dosage Forms	GPRCP, OU
M.Subha sree	2023	Development and validation of FTIR spectroscopic method for simultaneous estimation of emtricitabine and Tenofovir disoproxil fumarate in bulk and Pharmaceutical dosage forms.	GPRCP, OU
A.Lakshmi Prasanna	2023	Development and validation of microbiological assay and analytical method for determination of potency of Luliconazole in Pure and topical dosage form.	GPRCP, OU
Talari Vinoda	2023	Development and validation of RP-HPLC method for simultaneous estimation of Dolutegravir, Lamivudine and Tenofovir disoproxil fumarate in Pharmaceutical dosage forms.	GPRCP, OU
G.Neena	2022	Visible spectrophotometric methods for the determination of Favipiravir in bulk and pharmaceutical formulation using chromogenic reagents.	GPRCP, OU
A.Poojitha	2022	Estimation of Memantine hydrochloride by spectrophotometric method using chromogenic reagents	GPRCP, OU
K.Sushma	2022	Development and validation of FTIR method for the quantitative estimation of Ambrisentan in bulk and pharmaceutical dosage forms.	GPRCP, OU
T.A. Kavya	2021	Method Development by RP-HPLC for Quantitative and Qualitative Analysis of Marker Compounds from Piper longum Linn Cultivated in Different Farmer Fields of Andhra Pradesh	GPRCP, OU
B.Vijay Kumar	2021	RP-HPLC method development and	GPRCP, OU

		validation for related substances of danofloxacin mesylate injection	
B.Guru Sai Supriya	2021	Development and validation of novel FTIR Method for Quantitative estimation of Silodosin In bulk and pharmaceutical dosage forms	GPRCP, OU
A.Divya	2020	Development of New Sensitive spectrophotometric Method for Estimation of Famciclovir In Formulation Using 3-Amino Phenol As Chromogenic reagent.	GPRCP, OU
A.R Priyadarshini	2020	Development and validation of spectrophotometric method for estimation of Tenofovir disoproxil fumarate using 3- Aminophenol as chromogenic reagent.	GPRCP,OU
M.Bhavana	2019	Determination of ulipristal acetate in Human plasma using high performance Liquid chromatography with tandem mass Spectrometry for bioequivalence studies	GPRCP,OU
Syeda sana mahveen	2019	Development and validation of new spectrophotometric method for estimation of Paraphenylene diamine in different brands of hair dyes.	GPRCP,OU
G Rahul dev	2019	Method development and validation for Assay, related substances and Preservative content of paracetamol Paediatric suspension by UPLC	GPRCP,OU
D Venkata vijaya	2018	Estimation of Entecavir monohydrate in formulation using different chromogenic reagents	GPRCP,OU
G.Shiva Kumar	2018	Bioanalytical method development and validation of Paliperidone in human plasma using liquid chromatography with Tandem mass spectrometry	GPRCP,OU
D Bhargavi Manjusha	2018	Analytical method development and validation of Dolutegravir by RP-HPLC method	GPRCP,OU

K.Bhanusri	2017	Estimation of Memantine hydrochloride by spectrophotometry using Chromogenic agents.	GPRCP,OU
K.Akshitha Reddy	2017	Development and validation of Bioanalytical method for estimation of Darifenacin Hydrobromide in dosage form using β naphthol.	GPRCP,OU
Amreen unnisa	2016	Estimation of nateglinide by using chromogenic reagents	GPRCP,OU
D.Hemant	2015	A New RP-HPLC Method for the Assay of Clofarabine injection	GPRCP,OU
S.Priyanka	2015	Development of sensitive spectrophotometric method for analysis of Darifenacin hydrobromide liposomes in rat plasma.	GPRCP,OU
M.Srivarsha	2014	Development of New spectroscopic methods for estimation of Tenofovir disoproxil fumarate using chromogenic reagents	GPRCP,OU
P.Susmitha	2012	Synthesis, Characterization and Biological activity of Some Novel Benzimidazole derivatives.	Vikas College of pharmacy, Visannapeta, JNTUK

PERSONAL PROFILE:

Nationality : Indian
 Date of Birth : 9th June 1986
 Gender : Male
 Marital status : Married
 Father's Name : N.Giddaiah
 Mother Name : N.Venkata lakshmi
 Languages known : English, Telugu, Hindi and Kannada

REFERENCES

Dr.Md.Salahuddin
 Principal & Professor
 Al-Ameen college of Pharmacy
 Bengaluru, Karnataka
 09986662050
rcrsalahuddin@yahoo.com

Dr.N.Sreenivasulu
 Professor
 V.L College of Pharmacy
 Raichur, Karnataka
 09886592595
neeladris@gmail.com

I hereby declare that the above stated particulars are true to the best of my knowledge & belief.

DATE:

(Dr. N.RAGHAVENDRA BABU)