

# CURRICULUM VITAE

**Prof. (Dr.) Nalini kanta Sahoo**  
**Director and Principal,**  
M.Pharm, Ph.D, Post-Doc (IUH, Vietnam),

FSASS,FSIRG, SRAP

**Ph.D (Pharmaceutical Analysis)**  
**M.Pharm (Pharmaceutical Analysis**  
**& Quality Assurance)**

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Google scholar Index: 1543; h-index-20 and i10-46

Research gate score: 25.88, h-index-11



## Current Position:

**Director and Principal,**  
MIT college of Pharmacy,  
MIT Campus,  
(NBA Accredited and NAAC A<sup>+</sup> Approved)  
Dr. A.P.J. Abdul Kalam Technical University,  
Ram Ganga Vihar,PhaseII,Moradabad  
UP, India, 244001

**Adjunct Professor (Guest Faculty)**  
**D Y Patil University School of Pharmacy,**  
**D Y Patil Deemed University**  
**Navi Mumbai**

## Other Academic Qualification:

Statistical reasoning and algorithms in Pharmacovigilance (SRAP), Uppsala Monitoring  
Centre, Sweden

## Research Position:

1. DRCC member, JSS University, Mysore
2. Honorary Adjunct Scientist and Fellow of SIRG, Egypt (Reference no.SIRG/2023/00332 I), Benisuef University, Egypt.
3. Research fellow in Vision Science Research Sdn.Bhd., Malaysia ( Grant No.VSRIR2019070407)
4. Expert of Academic Excellence Information Center, China

**5. Committee member & Head, Yazhli Global Multidisciplinary Research Organization (YGMRO), Chennai**

**6. Brand Ambassador of Bentham Science publishers**

### **Advisory position:**

- 1. Advisory board member** of World Leadership Academy, India.
- 2. President**, Indian Pharma. Educational society(IPES),Central Zone ,Telangana,India.
- 3. Advisor for “ABM PHD Research Network (Make Your Research Perfect and Innovative)”**A sister organization of IRD India.
- 4. Advisory board member of “Foundation for health and environmental research (FHER)”**
- 5. Conference committee organizer** of SciTech Central conferences, U.S.A.
- 6. Advisor for “National Forum of Pharmacy Students, Telangana”**
- 7. Chief editor for “ Research Edit”**
- 8. Ph.D consultant** for Trans Integra Health care Pvt. Ltd, Bhubaneswar, Odisha.
- 9. External examiner and question paper setter for JSS University, Mysore.**
- 10. Free lancing Scientific Writer for Word’s Engineer, USA.**

### **Ph.D Supervisors in Universities:**

- 1. Ph.D Research Supervisor in SRMIST (Deemed to be University), Delhi-NCR Campus with Regd.No.SRMIST/R/tap.3686-Estt./2021-2097**
- 2. Ph.D Guide in Shri JagdishprasadJhabarmalTibrewala University (JJTU) in Dept. of Pharmacy having Regd.No. JJT/2K9/SC/1806.**
- 3. Ph.D Guide in Pacific University,Udaipurin Dept.of Pharmacy having Regd.No.PAHERU/DPGS/2015-16/2630-26231.**

### **Editorial members of various International journals like:**

- 1) Editor in chief of Neoteric Research publication Pvt.Ltd., New Delhi, India.**
- 2) Editorial member of “Pharmatutor”**
- 3) Executive Editor for “Journal of Bioanalysis and Biomedicine” OMICS Groups**
- 4) Section Editor for “Annals of Chromatography and Separation Techniques” an International journal of U.S.A**
- 5) Section Editor for “Advances in Biomedicine and Pharmacy”**
- 6) Section Editor for “Indian E-Journal of Pharmaceutical Sciences”**
- 7) Section Editor for “World Journal of Publisher”**

- 8) **Advisory Editor for** “Journal of Scientific Research in Allied Sciences. An International Journal
- 9) **Associate Editor for** “International journal of Pharmaceuticals Analysis”
- 10) **Editor for** “International Journal of Medicine and Pharmaceutical Sciences”
- 11) **Editor for** “Journal of Progressive Research in Chemistry”
- 12) **Editor for** “Journal of Pharmaceutical and Biological Sciences”
- 13) **Editor for** “EC Pharmaceutical Science Journal“
- 14) **Editor for** “Journal of Harmonized Research in Pharmacy”
- 15) **Editor for** “Austin Journal of Analytical and Pharmaceutical Chemistry”
- 16) **Editor for** “ Pharmacy and Pharmacology Journal”
- 17) **Editor for** “International Journal of Medical and Health Sciences Research”
- 18) **Editor for** “Whites Science Journal>Journal list>International Journal of Pharmaceutical Research and Innovation (IJPRI)”
- 19) **Editor for** “ International journal of chromatography and separation techniques”
- 20) **Editor for** “Madridge Journal of Novel Drug Research”
- 21) **Editor for** “ The Pharma Innovation International journal”
- 22) **Editor for** “ ScientiaRescersa in Chronicles of Pharmaceutical Sciences”
- 23) **Editor for** “ Gavin Journal of Pharmaceutical Sciences”
- 24) **Editor for** “International Journal of Recent Advances in Medical & Pharma Research”
- 25) **Editor for** “International Journal on Current Trends in Drug Development & Industrial Pharmacy”
- 26) **Editor for** “ Enliven: Bioanalytical techniques”
- 27) **Editor for** “ International journal of current research in pharmacy”
- 28) **Editor for** “Pharmaceutical Sciences & Analytical Research Journal”
- 29) **Editor for** “ International Journal of innovative research in medical science”
- 30) **Editor for** “International Journal of Pharmaceutical Science and Research”
- 31) **Editor for**“Research and Reviews: Journal of Pharmaceutical Science (RRJoPS)”
- 32) **Editor for** “Journal of pharmaceutical sciences-current research”
- 33) **Editor for** “Scholar Journal of Applied Sciences and Research”
- 34) **Editor for** “ Applied Chemistry: International technology and science publications (ITS)”
- 35) **Editor for** “Journal of Analytical Chromatography and Spectroscopy”
- 36) **Editor for** “ United Journal of Chemistry”
- 37) **Editor for** “ Clinical Pharmacology and Toxicology”

- 38) **Editor of** “Journal of Pharmaceutical sciences and Drug Development”
- 39) **Associate editor of** “Advances and applications of Pharmacy”
- 40) **Editor of** “International Journal of Biochemistry and Pharmacology”
- 41) **Editor of** “Journal of Pharmaceutics and Therapeutics”
- 42) **Associate Editor of** “International Journal of biochemistry & Pharmacology”
- 43) **Associate Editor of** “Advances and Applications of Pharmacy”
- 44) **Editor of** “Journal of Current Trends in Clinical Case Reports”
- 45) **Associate Editor of** “Madridge Journal of Pharmaceutical Research (MJPR)”
- 46) **Editor of** “SCIREA Journal of Chemistry”
- 47) **Editor of** “International Journal of Research in Pharmacy and Pharmaceutical Sciences”
- 48) **Chief Editor of** “International Journal of Pharmacognosy & clinical Research
- 49) **Editorial member of** “Biomed Research and Health Advances
- 50) **Associate Editor of** “Borneo journal of Pharmacy”
- 51) **Editor of** “American Journal of Pharmacy and Pharmacology (**American association for science and technology**)”
- 52) **Editor of** “Journal of Pharmaceutics & therapeutics
- 53) **Editor of** “International Journals and Research ePublications in Engineering & Science”
- 54) **Editor of** “Iberoamerican journal of Medicine”
- 55) **Editor of** “Research journal in Medicine and health sciences” Nairobi, Kenya
- 56) **Chief Editor of** “Journal of public health and sanitation”
- 57) **Editor of** “American Journal of Life Sciences, USA”
- 58) **Editor of** “Pharmaceutical Sciences and Drug Development”
- 59) **Editor in chief of** “Clinical Trials and Medical Case Reports”
- 60) **Associate Editor of** “International Journal of Academic Research and Development”.
- 61) **Associate Editor of** “International Journal of Research In Pharmaceutical Chemistry and Analysis”
- 62) **Editor of** “International Journal for Pharmaceutical Research Scholars”
- 63) **Editor of** “ Revista Bionatura”-Scopus

## Reviewer for:

1. **Nature's Scientific Reports- Impact factor-4.7**
2. **TALANTA (ELSEVIER) Impact factor-5.8**
3. **Acta Scientifica**
4. **African Journal of Pharmacy and Pharmacology**
5. **Scientific & Academic Publisher**
6. **Journal of taibah University of Science, Taylors & Francis**
7. **Insc-International Journal of basic and applied Sciences**

## Academic Achievements:

1. Received **Uttar Pradesh Gaurav Award-2024 from Uttar Pradesh World Records on 01/01/2024.**
2. Received **BEST TEACHER AWARD-2022** (IJMTST Excellence Award 2022) from International Journal for modern trends in Science and Technology(IJMTST)- An UGC approved Journal.,India on 20th April 2022, Vijayawada, India.
3. Received **Gold medal** for presenting best paper on Research day **celebrated on 28/02/2022 in SRM Institute of Science & Technology (Deemed to be University).**
4. Received **Maulana Abul Kalam Azad Excellence Award of education -2020** from Prof.AnilD.Sahasrabudhe, Chairman,AICTE,Ministry of Education, India organized by **AICTE** and ShikshakKalyaan Foundation, New Delhi.
5. Received **“Dynamic Pharma teacher award”** for outstanding contribution in Pharmacy profession in virtual Award ceremony organized by Indian Pharma Educational Society (IPES), Lucknow in collaboration with Pharmatutor and St.Dominic College of Asia, Philippines held on 8<sup>th</sup> November 2020.
6. Received **Best professor “Pharmacy” ITAP Awards 2018** by Tutor Pride Pvt.Ltd. from former **Chief Minister of Andhra Pradesh Sri K.Rosaiah** on the occasion of **Gandhi Jayanti** at Trident hotel, Hyderabad.
7. **Best research paper** entitled **“Solid Phase Extraction and Quantification of Diclofenac Sodium in Human Plasma by Liquid Chromatography Tandem Mass Spectrometry”** in **SCI indexed journal “Journal of Analytical chemistry-Springer”** on January 15<sup>th</sup>,2020 by **Novel Research,Academy,Division of Swertia publications, Govt. of India.**

8. Received Best teacher award for Zero investment innovations for education initiatives (ZIIIEI) from Education minister Sri Ramesh pokhariwal on 30<sup>th</sup> September, 2019 in Delhi for giving innovative teaching ideas, organised by Sri Aurobindo Society co sponsored by HDFC bank.
9. Won 1<sup>st</sup> Prize DST (SERB) sponsored two day national level seminar on held in Jayamukhi college of Pharmacy on 20<sup>th</sup> & 21<sup>st</sup> September 2019 with a theme of NMR techniques and its applications in pharmaceutical sciences topic entitled “A review on NMR based Metabolomics”
10. Selected for “InSc HOD of the Year Award 2019”
11. Best Young HOD of the Year Award (Below 40 Years) in "Global Education and Corporate Leadership Awards (GECL-2018)”
12. Outstanding Reviewer for the Journal entitled “Sports and Exercise Medicine - Open Journal” for the year 2018
13. Recognized as Regular reviewer from “Journal of Taibah University of Sciences ( Taylors & Francis)”
14. University 2<sup>nd</sup> Rank in M.Pharm Exam. In Biju Pattnaik University Of Technology, Orissa in 2008
15. University 4<sup>th</sup> Rank in B.Pharm Exam. In Biju Pattnaik University Of Technology, Orissa in 2005
16. Selected as Procurement Inspector in OSCSC, Govt. of Odisha in 2012
17. Selected as Young Professional in Secretariat, Govt. of Odisha , 2014

### Permanent Address :

At-Balarampur (Samagolo square) Near,  
Akhandalamani temple  
P.O-Kujanga Dist- Jagtsinghpur  
PIN-754141, State – Odisha

### Personal Information:

Father's name	: Sri Karuna Kar Sahoo
Date of Birth	: 14 <sup>th</sup> June, 1982
Gender	: Male
Language Proficiency	: English, Hindi, Bengali, Oriya, Telugu
Marital Status	: Married
Phone Number	: 09550741536, 09396772373
Email	: sahuo.nalini@gmail.com,

## Academic Qualifications:

Course	Institute	Board / University	Year	Result
<b>Post doctoral Fellow</b>	<b>Industrial University of Ho chi minh city, Vietnam</b>	<b>Industrial University of Ho chi Minhcity, Vietnam</b>	<b>2022-23</b>	<b>Awarded</b>
<b>Ph.D (Pharmaceutical Analysis)</b>	School of Pharmaceutical sciences, Bhubaneswar, Orissa	<b>Siksha“O”Anusandhan University, BBSR, Orissa (NIRF-19<sup>th</sup>)</b>	2010 Regd.	<b>Awarded (16/09/2015)</b>
<b>M.Pharmacy (Pharmaceutical Analysis &amp; Quality Assurance)</b>	College of pharmaceutical sciences, Mohuda, Berhampur	B.P.U.T, Rourkela, Orissa	2008	C.G.P.A- 9.26 (87%)
<b>B. Pharmacy</b>	College of pharmaceutical sciences, Mohuda, Berhampur	B.P.U.T, Rourkela, Orissa	2005	76.6%
<b>H.S. (10+2)</b>	S.V.M College, Jagatsinghpur, Orissa	C.H.S.E, Orissa	1999	74.33%
<b>H. S. C</b>	Purohitpur Highschool, Jagatsinghpur, Orissa	Board of Secondary Education, Orissa	1997	82.4%

## Thesis Work of Ph.D:

“New validated liquid chromatographic methods for the determination of some important drugs in plasma samples / formulations” **under the Supervision of**

- 1) **Dr.P.Srinivasa Rao, Yalamarty Pharmacy College (Affiliated to Andhra University)**
- 2) **Dr.Goutam Ghosh, Siksha “O” Anusandhan University, Bhubaneswar, Odisha.**



## **Professional certificate course completed:**

- 1) **Completed course in “Statistical reasoning and algorithms in Pharmacovigilance” (SRAP), Uppsala Monitoring Centre, Sweden”**
- 2) **Completed course in “Artificial intelligence & drug discovery”Shri Vithal Education & Research Institute’s college of Pharmacy,Pandharpur,Maharashtra,India.**
- 3) **Completed a short course in “The drug review process” on 30<sup>th</sup> April,2020 by USFDA.**

## **Work Experience:(Total 17 years)**

- 1) **Worked as QA Executive, Shilpa Medicare Pvt.Ltd. Raichur,Karnatakafrom 01-11-2005 to 31-10-2006.**
- 2) **Worked as Asst.Professor in Yalamarty Pharmacy College, Visakhapatnam in Department of Pharmaceutical Analysis & Quality Assurance from 01-07-2008 to 25/10/2014.**
- 3) **Worked as Assoc. Professor Dept. of Pharmaceutical Analysis, MNR College of Pharmacy, Sangareddy,Telangana from 27-10-2014 to 31-10-2017.**
- 4) **Worked as Professor & H.O.D of Department of pharmaceutical Analysis& Quality Assurance, MLR Institute of Pharmacy, Dundigal, Rangareddyfrom 01-11-2017 to 30/12/2020.**
- 5) **Worked as Professor and Principal, SRM Modinagar college of Pharmacy, SRM Institute of Science and Technology (Deemed to be University), Delhi-NCR since 04/01/2021 to 15/10/2022.**
- 6) **Worked as Professor and Head (R&D) in Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET), Dr. A.P.J. Abdul Kalam Technical University,N.H. 58, Delhi-Roorkee Highway,Baghpat Road Bypass Crossing Meerut,UP, India, 250005 from 17/10/2022 to 22/06/2023.**
- 7) **Working as Director and Principal in MIT College of Pharmacy, MIT Campus, (Affiliated to Dr. A.P.J. Abdul Kalam Technical University), Ram Ganga Vihar, Phase-II, Moradabad, UP, India, 244001 from 24/06/2023 to till date.**



## Subjects Handled:

- 1) **UG Level:** Pharmaceutical Analysis-I & II, Pharmaceutical Inorganic Chemistry, Pharmaceutical Engineering, Pharmaceutical biotechnology
- 2) **PG Level:** Modern Analytical Technique, Quality Assurance and drug Regulatory Affairs, Food science and cosmetic Technology, Advanced pharmaceutical Analysis-I & II, MBAT, Pharmaceutical Validations, Drug regulatory affairs, QC&QA.
- 3) **Pharm D:** Pharmaceutical Analysis

## Dissertation guided:

### Ph.D- 03 (Ongoing):

1. **Mr. Prachet Pinnamaneni** ( Bioanalytical method development and validation of some selected drugs in plasma /serum by LC-MS/MS), SRMIST, Delhi-NCR campus.

**UG students:** 25 students

**PG students:** 14 Students

## Publications:

**Five international books and Seventy Eight research publications and seven under review.**

## Instruments handled:

- HPLC
- FTIR
- LC-MS/MS
- GC-MS
- ICP-MS
- FLAME PHOTOMETER
- UV-VISIBLE SPECTROPHOTOMETER
- FLUORIMETER

## Administrative Experience:

1. **Examination In charge and HOD**, PA& QA Dept. Yalamarty Pharmacy College, Visakhapatnam
2. **Ph.D consultant and Scientific Writer**, Transintegra Health care Pvt.Ltd. Bhubaneswar, Odisha
3. **Editors** for various International Journals (63)
4. **Reviewer** for three journals
5. **HOD** of PG Dept. of MLR Institute of Pharmacy, Hyderabad
6. **Principal** , SRM Institute of Science & Technology, Delhi-NCR
7. **Director**, MITCOP

## Development Activities:

Participated in various Seminars and Training Programmes

## Computer Skills& area of research:

MS Word, PowerPoint, Excel, Teaching, Analytical and Bio analytical, R&D, Metabolomics, QA and Research etc.

## Professional Memberships

- **(FSASS) Fellow Member of Scholars academic & scientific society** having membership ID SAS/FSASS-294
- Life time member of Pharmacy Council of India (**PCI**) under State Pharmacy council with **Regd.No. 17788**.
- Life time member for **Indian Society of Analytical scientists (ISAS), Hyd.Chapter**.
- Member of the **Asia Society of Researcher (ASR)** with membership number **R218110801, Hong Kong**
- As Advisor for “**National Forum of Pharmacy Students**”
- Life time member, Healthcare & Biological Sciences Research Association (HBSRA), Eurasia research, Membership ID: ERCICRLSH1904069.
- Life timemember of Foundation for health and environmental research (FHER) with membership FHER/LM/19/132
- Life time member of Institute of scholars (InSc) with membership id of **INSC2019715**.
- **Life time member of Teaching and Education Research Association (TERA) with membership ID of TERA-M19113**
- **Associate member** of “International Society for Development and Sustainability (ISDS)”

## Details of Consultancy project completed:

- Title: Determination of IC50 value of tyrosinase enzyme by the give RT4 Blend**  
**Sponsor: RANCORCLINICAL RESEARCH ORGANIZATION**  
**MITTAL GLOBAL CLINICAL TRIAL SERVICES (MGCTS)**  
**PROJECT NO : CCFT-2023-03-076**  
**REPORT NO. : MIET/CCFT/2023-03/076/TIA-IC50**  
**DATE : 20-03-2023**

## Details of Funded Research Granted/Applied/completed:

- Title of the proposal:** Newer purine derivatives mediated activation of aryl hydrocarbon receptor inhibits cancer stem cell signaling and their biological assays: Promising anti cancer Agents  
**Name of the Scheme:** Implementation research for the prevention and control of non-communicable diseases World Health Organization  
**Estimated Budget: 33135 US\$ (Rs.2747735.98/-)**  
**Application No./Grant no.:** WHO/BID-NCD-227/2022  
**Year: 2022**
- Title of the proposal:** Early diagnosis and novel treatment approaches for autism spectrum disorders  
**Name of the Scheme:** Simons Foundation Autism Research Initiative - Pilot Award - SFARI-Pilot - winter 2023  
**Estimated Budget: \$277,070.00 (Rs.2, 26, 66,404/-)**  
**Application No./Grant no.:** AR-PI-00002312-01  
**Year: 01/12/2023**
- Title of the proposal:** Clinical assessment and Quality improvement of Rimegepant using traditional herbal supplement on selected Human Subjects  
**Name of the Scheme:** Pfizer Global Medical Grants (GMG)  
**Estimated Budget: 478,000.00 USD (Rs.3, 91, 03,985/-)**  
**Application No. /Grant no.:** ID#87405687  
**Year: 21/02/2023**

- 4. Title of the proposal:** Relief from Occupational Stress by activity based psychodynamictherapy  
**Name of the Scheme:** PEACE Grants - Letter of Intent (Mind and Health Institute)  
**Estimated Budget:** \$100,000 (Rs.81, 80,750/-)  
**Application No. /Grant no.:** PEACELOI2023-3102745507  
**Year:** 01/03/2023
- 5. Title of the proposal:** Deep learning based techniques for the detection Skin cancer and development of newer genomic biomarkers for early prognosis  
**Name of the Scheme:** SERB-SURE  
**Estimated/sanctioned Budget:** Rs. 23, 76,570 /  
**Application No. /Grant no.:** SUR/2022/002811  
**Year:** 30/09/2022
- 6. Title of the proposal:** Development of newer biomarkers for early prognosis of drugs causing hepatotoxicity through single cell metabolomic and genomic approach  
**Name of the Scheme:** SERB-CRG (Core research grant)  
**Estimated/sanctioned Budget:** Rs. 31,49,000 /  
**Application No. /Grant no.:** CRG/2023/004231  
**Year:** 15/03/2023
- 7. Title of the proposal:** Therapeutic-effects of Rhubarb-Taraxacum officinale decoction(R-TOD) induced retention enema on minimal hepatic-encephalopathy (MHE) in rats based on 16S rDNA gene sequencing and Metabolomics of Bile acids  
**Name of the Scheme:**Investigator-Initiated Research Proposals (**Indian Council of Medical Research (ICMR)**)  
**Estimated/ sanctioned Budget:** Rs. 52,80,800 /  
**Application No. /Grant no.:**IIRP-2023-7406/F1  
**Year:** 28/04/2023
- 8. Title of the proposal:** Understanding and Exploration the Role of phosphoinositide 3-kinases (PI3Ks) in Prostate Cancer  
**Name of the Scheme:**Worldwide cancer Research  
**Estimated/ sanctioned Budget:** 131750 £ (Rs.1,36,09,511 /-)  
**Application No. /Grant no.:**24-0428  
**Year:** 25/04/2023

**9. Title of the proposal:** Development of Some Novel Quinazolinone Analogues as Antitubercular Agents

**Name of the Scheme:**AIR-Academic Innovation Research (BIRAC)

**Estimated/ sanctioned Budget: Rs.32, 10,000 /-)**

**Application No. /Grant no.:**BT/TEMP9103/PACE-28/22

**Year: 01/12/2022**

### Details of Patents published/Granted:

- 1. Title of the invention :** ARTIFICIAL INTELLIGENCE BASED SMART TOUCH LESS MEDICINE DISPENSING SYSTEM FOR PHARMA FIELD  
**Application No.**202141038793 A  
**The Patent Office Journal No.** 39/2021 Dated 24/09/2021  
**Date of filing of Application:** 26/08/2021  
**Publication Date :** 24/09/2021
- 2. Title of the invention :** Image processing & Machine Learning Based Detection of Malignant Skin Cancer Using Support Vector Machine (SVM) classifier  
**Application No.**202141036593 A  
**The Patent Office Journal No.** 39/2021 Dated 24/09/2021  
**Date of filing of Application :**12/08/2021  
**Publication Date :** 24/09/2021
- 3. Title of the invention :** A SYSTEM FOR SKIN CANCER DISEASE DETECTION USING MACHINE LEARNING APPROACH AND METHOD THEREOF  
**Application No.** 202211000903  
**The Patent Office Journal No.**02/2022 Dated 14/01/2022  
**Date of filing of Application:** 07/01/2022  
**Publication Date:** 14/01/2022
- 4. Title of the invention :** A SYSTEM FOR DETECTING SEVERE ACUTE RESPIRATORY SYNDROMEOMICRON VARIANT OF CORONAVIRUS AND METHOD THEREOF  
**Application No.** 202211004641  
**The Patent Office Journal No.** 05/2022 Dated 4/02/2022  
**Date of filing of Application:** 27/01/2022  
**Publication Date:** 04/02/2022
- 5. Title of the invention :**FORMULATION METHOD FOR TOLCAPONE CONTROLLED POROSITYOSMOTIC PUMP  
**Application No.**202231008302 A  
**The Patent Office Journal No.** 10/2022 Dated 11/03/2022  
**Date of filing of Application:** 16/02/2022  
**Publication Date:** 11/03/2022

- 6. Title of the invention :**DIAGNOSIS OF DIABETIC RETINOPATHY USING OPTICAL COHERENCE TOMOGRAPHY AND MACHINE LEARNING APPROACH  
**Application No.**202241069534  
**The Patent Office Journal No.**04/2023 Dated 27/01/2023  
**Date of filing of Application:** 02/12/2022  
**Publication Date:**27/01/2023
- 7. Cholesterol monitoring device**  
**Application No.**362219-001  
**Design Grant**  
**Date of filing of Application:** 02/04/2022  
**Date of Grant:**17/11/2023
- 8. Title of the invention:** Personal Digital Health monitoring Devices system  
**Application No.**202341012661  
**The Patent Office Journal No.** 12/2023 Dated 24/03/2023  
**Date of filing of Application:** 24/02/2023  
**Publication date:**24/03/2023
- 9. Title of the invention:** Ornamental design for a multi-dose inhaler with replaceable cartridge  
**Application No.**385244-001  
**Design Grant**  
**Date of filing of Application:** 28/04/2023  
**Date of Grant:** Awaited
- 10. Title of the invention:** Speed Continuous Motion Linear Vial Injectable Liquid Filling Machine for Pharmaceutical Purpose  
**Design application Number-** 6288631(UK Design patent)  
**Date of filing of Application:** 28/04/2023  
**Date of Grant:** **Granted**
- 11. Title of the invention:** Characterization of some essential flavonoids and other phytochemical constituents of ethanolic extract of cordia myxa leaves using sophisticated analytical techniques  
**Application No.**202311041325 A  
**The Patent Office Journal No.**29/2023 Dated 21/07/2023  
**Date of filing of Application:** 17/06/2023  
**Publication date:** 21/07/2023

- 12. Title of the invention:** Characterization of some essential phytochemical constituents of methanolic extract of glycine max seeds using sophisticated analytical techniques  
**Application No.**202311042511 A  
**The Patent Office Journal No.**29/2023 Dated 21/07/2023  
**Date of filing of Application:** 25/06/2023  
**Publication date:** 21/07/2023
- 13. Title of the invention:** Method for synthesizing few novel aryl diazenyl derivatives of indole and their in-silico investigation  
**Application No.**202331053968  
**The Patent Office Journal No.:**41/2023 Dated 13/10/2023  
**Date of filing of Application:** 11/08/2023  
**Publication date:** 13/10/2023
- 14. Title of the invention:** Portable actophotometer for behavior of laboratory animals  
**Application No.**391976-001  
**Design Grant**  
**Date of filing of Application:** 04/08/2023  
**Date of Grant:** 22/03/2024
- 15. Title of the invention:** FORMULATION METHOD FOR DOXYCYCLINE HYCLATE ORALLY DISINTEGRATING TABLETS FOR THE MANAGEMENT OF PERIODONTITIS  
**Application No.**202331068485  
**The Patent Office Journal No.:**  
**Date of filing of Application:** 11/10/2023  
**Publication date:** Awaited
- 16. Title of the invention:** Novel presymptomatic breast cancer detection device  
**Application No.**397731-001  
**Design Grant:**  
**Date of filing of Application:**17/10/2023  
**Date of Grant:** 21/02/2024
- 17. Title of the invention:** MEDICAL DEVICE FOR COLD STORAGE OF FLUIDS  
**Application No.** 400167-001  
**Design Grant**  
**Date of filing of Application:** 18/08/2023  
**Date of Grant:** 18/11/2023



**18. Title of the invention:** Apparatus for nanoneedle mediated noninvasive transdermal delivery of insulin

**Application No.** 408264-001

**Design Grant**

**Date of filing of Application:** 22/02/2024

**Date of Grant:** 26/04/2024

**19. Title of the invention:** Probe sonicator for developing nano formulation of cancer

**Application No.** 422056-001

**Indian Design Grant**

**Date of filing of Application:** 03/07/2024

**Date of Grant:** 02/09/2024

### Details of Book published:

- 1. Quantification of Diclofenac in human plasma by LC-MS/MS, LAP LAMBERT Academic Publishing, Germany, 1st Edition, 2015. pp.1-84. (ISBN No. 978-3-659-79071-3)**
- 2. Important Experiments in Analytical Chemistry, Lambert Academic Publishing house, Germany, 2020, pp.1-141. (ISBN No. 978-620-2-55391-9)**
- 3. Futuristic Trends in Pharmacy & Nursing, Volume 2, Book 25, 2022, IIP Proceedings pp.1-328. (ISBN: 978-93-95632-87-4)**
- 4. Introduction to Pharmacology, Ramdas Bhat, Dr. S Rehan Ahmad, Dr. Bapu D. Kamble, Dr. Nalini Kanta Sahoo, Good writers Publishers, 19 January 2023.**
- 5. Alok Pratap Singh, Jayendra Kumar, Iti Chauhan, Prasoon Kumar Saxena, Praveen Kumar Gaur, Satish Kumar Sharma, Dinesh Kumar Gupta, Nalini Kanta Sahoo and Pranjal Kumar**
- 6. Singh. (Role of Climate Change in disasters occurrences: Forecasting and Management options), Visualization Techniques for Climate Change with Machine Learning and Artificial Intelligence, 1st Edition - November 11, 2022. ISBN: 9780323997140, 978-0-32-3-99-7-14-0, eBook ISBN: 9780323997157. (Elsevier).**
- 7. Introduction to advances in Genetics and plant breeding, Advances in Genetics and Plant breeding, 1st Edition, 2023, Academic Publishers and Distributors, ISBN: 978-81-964368-0-3.**

## Details of Publications (Research and review articles):

1. *Nalini Kanta Sahoo, Subrata Sen, P. Srinivas Rao, S.K. Moitra, T.K. Laha, Siba Prasad pradhan, Madhusmita Sahu.* Development of validated stability indicating RP-HPLC method for the estimation of Niflumic Acid, **International journal of Chem.Tech Research**, Vol-02, No.04, oct.-Dec.-2010, PP-2034-2042.( **SJR I.F-0.515**) **Scopus**
2. *Nalini Kanta Sahoo, Madhusmita Sahu, Siba Prasad pradhan, Alok Kumar Moharana.* Stability Indicating Method Development of Niflumic Acid by using RP-HPLC, **Journal of Pharmacy Research**, vol-03, Issue-12, PP-3147-3150.(IF-1.09). (**IF-0.74**)
3. *G Chandra Sekhara Rao, Nalini Kanta Sahoo, Rabinarayan Parhi, Naresh Panigrahi.* Study of Effectiveness of Branded & Generic Forms of Antacids, **Journal of Pharmacy Research Vol.4. Issue 3. March 2011.** (IF-0.74).
4. *A. K. Moharana, M. Banerjee and N.K. Sahoo.* A new Method development by visible spectroscopy of Mesalamine, **Asian J. Research Chem. 4(4):** April, 2011, pp-647-649.
5. *Alok Kumar Moharana, Mrityunjay Banerjee, Chinmaya Keshari Sahoo and Nalini Kanta Sahoo.* Development and validation of RP-HPLC method for Mesalamine, **Asian Journal of Pharmaceutical and Clinical Research**, Vol.4, Suppl.2, 2011, pp.1-3.( **SJR I.F-0.49**) **Scopus.**
6. *Nalini Kanta Sahoo, Madhusmita Sahu, P. Praneeth, P.S.K. Manjeera, K. Lavanya.* Degradation monitoring method development and validation of spectrophotometric estimation of Atorvastatin calcium in bulk and tablet formulation, **Journal of Pharmaceutical and Biomedical Sciences(COPE)**, August 2013, Vol.33, Issue 8, pp.1551-1557.
7. *Madhusmita Sahu, Nalini Kanta Sahoo, M. Revathi, P. Shalini.* Comparative Study of Centrally Acting Skeletal Muscle Relaxant Activity of Aqueous Extract of Cinnamomum Zeylanicum Bark with Methocarbamol on Albino Mice, **International Journal of Pharmaceutical Sciences Review and Research**, vol.23, issue 23, p.p.78-80, 2013.( **SJR I.F-0.65**).
8. *K.B. Shalini, Nalini Kanta Sahoo, B. Gopinadh, T. Jyothi, P. Vijay Kumar.* Development and validation of loratadine in bulk and pharmaceutical dosage form by UV spectroscopic method, **International Journal of Pharmaceutical Research & Analysis**, vol.4, Issue 1, p.p.39-43, 2014.( **SJR I.F-0.49**)

9. *Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao and Goutam Ghosh.* Extraction and quantification of Lornoxicam in Human Plasma by liquid chromatography-tandem mass spectrometry in positive ion mode, **Asian Journal of Chemistry, Vol 26, 8,2014 (I.F-0.277).**
10. *Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao and Goutam Ghosh.* Validation of Stability indicating RP-HPLC method for the estimation of Mesalamine in Bulk and Tablet dosage form, **Pharmaceutical Methods, 4(2), 2013, pp.56-61. (Elsevier).**
11. *Nalini Kanta Sahoo, Madhusmita Sahu, P. Srinivasa Rao, R.S.Vineela, J.N.V. Indira Devi, N.SandhyaRani,Goutam Ghosh.* Validation of assay indicating method development of Simvastatin in bulk and its tablet dosage form by RP-HPLC, **Journal of Applied Pharmaceutical Sciences,4.(1),2014,pp117-122.(SJR I.F-0.24) Scopus**
12. *Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao, N Sandhya Rani, JNV Indira Devi and Goutam Ghosh.* Validation of assay indicating method development of Meloxicam in bulk and its tablet dosage form by RP-HPLC,**Springerplus, 3,95,2014.( IF-0.980) Springer**
13. *Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao, N Sandhya Rani, JNV Indira Devi and Goutam Ghosh.* Validation of assay indicating method development of Clopidogrel in bulk and its tablet dosage form by RP-HPLC.**Journal of Taibah University of science,8(4)2014, pp.331-336.(L.F- 3.459, Taylor’s & Francis).**
14. *Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao and Goutam Ghosh.* Extraction and quantification of Naproxen in Human Plasma by liquid chromatography-tandem mass spectrometry in positive ion mode, **Tropical Journal of Pharmaceutical Research, 13(9), 2014, pp.1503-1510.( IF-0.579) Thomson’s Reuter.**
15. *Madhusmita Sahu, Nalini Kanta Sahoo, V.Alagarsamy, B.Bhavna, M.Ashok Kumar, Amit Kumar Sahu.* Comparative evaluation of antidiarrhoeal activity of aqueous extract of root, stem and leaf of murrayakoenigii in castor oil induced diarrhoea in rats ,**Advances in Biomedicine and Pharmacy, 2(1) 2015,pp.40-45,(I.F-0.34)**
16. *Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao and Goutam Ghosh.* Solid Phase Extraction and Quantification of Diclofenac Sodium in Human Plasma by Liquid Chromatography Tandem Mass Spectrometry. **Journal of Analytical Chemistry, 70(4), 2015, pp.424-430.Springer (IF-1.237) Springer.**

17. *Chinmaya Keshari Sahoo, Gude Bhargavi, Kokkula Satyanarayana, Nalini Kanta Sahoo, Alok kumar Moharana*. Designing of Olanzapine sustained release matrix tablets for the treatment of schizophrenia. **International Journal of Biopharmaceutics**, 6(1), 2015, 37-42.
18. *Chinmaya Keshari Sahoo, Gude Bhargavi, Kokkula Satyanarayana, Nalini Kanta Sahoo*, Formulation and optimization of olanzapine sustained release matrix tablets for the treatment of schizophrenia, **Der Pharmacia Lettre**, 7 (4), 2015, pp.266-273. (I.F-1.96, SJR I.F-0.19) **Scopus**
19. *Chinmaya Keshari Sahoo, Gude Bhargavi, Kokkula Satyanarayana, Nalini Kanta Sahoo*, Formulation and evaluation of olanzapine sustained release matrix tablets for the treatment of schizophrenia, *Der Pharmacia Sinica*, 6(5), 2015, pp.15-21. ( I.F- 0.14)
20. *Uttam Prasad Panigrahy, Nalini Kanta Sahoo, A. Sunil Kumar Reddy*. A New Bio analytical method development and validation of Entacapone in Human Plasma by liquid chromatography-tandem mass spectrometry. **Asian Journal of Chemistry**, 27 (12), 2015, pp.4669-4674. ( IF-0.355)
21. *Nalini Kanta Sahoo, Madhusmita Sahu, V Alagarsamy, B Srividya and Chinmaya Keshari Sahoo*. Validation of Assay Indicating Method Development of Imatinib in Bulk and Its Capsule Dosage Form by Liquid Chromatography, *Annals of Chromatography and Separation Techniques*, 2015;1(2):1010.
22. *Nalini Kanta Sahoo, Madhusmita Sahu, V Alagarsamy, Alok Kumar Moharana, Bollu Vijaya Lalitha and Chinmaya Keshari Sahoo*. Quantification and validation of Simvastatin and Ezetimibe in bulk drugs and combined dosage form by reverse phase liquid chromatographic method, **Pharmaceutical Methods**, 2015;6(2):115-119. (Pubmed).
23. *Chinmaya Keshari Sahoo, Surepalli Ram Mohan Rao, Muvvala Sudhakar and Nalini Kanta Sahoo*, Advances in osmotic drug delivery system, **Journal of Chemical and Pharmaceutical Research**, 2015, 7(7):252-273. (SJR I.F-0.12) (Pubmed).
24. *Chinmaya Keshari Sahoo, Surepalli Ram Mohan Rao, Muvvala Sudhakar and Nalini Kanta Sahoo*. A Review on controlled porosity osmotic pump tablets, **Bulletin of Faculty of Pharmacy, Cairo University**, 2015;53(2):195-205. (SJR I.F-3.08) (Elsevier)
25. *Chinmaya Keshari Sahoo, Satyabrata Bhanja, Uttam Prasad Panigrahy, Kanhu Charan Panda and Nalini Kanta Sahoo*. Approaches in the treatment of diabetes mellitus, **International Journal of Medical Laboratory Research**, 2016, 1(2): 29-37. (I.F- 0.702).

26. *Chinmaya Keshari Sahoo, Nalini Kanta Sahoo, Madhusmita Sahu, Alok Kumar Moharana, Deepak Kumar Sarangi*. Formulation and evaluation of orodispersible tablets of granisetron hydrochloride using plantago ovate as natural superdisintegrants, **Indonesian Journal of Pharmacy**, 2016;27(1), pp.36-44. (Pubmed) Scopus
27. *Nalini Kanta Sahoo, Madhusmita Sahu, V Alagarsamy, B Srividya and Chinmaya Keshari Sahoo*. Validation of Assay Indicating Method Development of Amoxicillin in Bulk and one of its marketed Dosage Form by RP-HPLC, *Annals of Chromatography and Separation Techniques*, 2016;2(1):1014.
28. *Chinmaya Keshari Sahoo, Nalini Kanta Sahoo, Madhusmita Sahu, Alok Kumar Moharana, Deepak Kumar Sarangi* Formulation and evaluation of orodispersible tablets of granisetron hydrochloride using agar as natural superdisintegrants, **Pharmaceutical methods** 2016;7(1):pp17-22.
29. *Madhusmita Sahu, Nalini Kanta Sahoo, Veerachamy Alagarsamy*. Comparative evaluation of Antidiabetic and Antioxidant Activity of aqueous Fruit Peel and leaf extract of *Annona Squamosa* on high fat diet and multiple low dose Streptozotocin (MLDS) mouse model of diabetes, **Austin Journal of Pharmacology and Therapeutics**, 2016;4(1):pp1-6. (I.F.-2.1)
30. *Chinmaya Keshari Sahoo, Nalini Kanta Sahoo, Surepalli Ram Mohan Rao, and Muvvala Sudhakar*. A Review on Prevention and Treatment of Aids. **Pharmacy & Pharmacology International Journal**. 2017, 5(1): 1-10.
31. *Pamukuntla Mounika, Mekala Anusha and Nalini kanta Sahoo*, **A Review on Various Approaches on Liver Reprogramming, Chronicles of Pharmaceutical Science**, 2017,1(2):87-102.
32. *Chinmaya Keshari Sahoo, D.Venkata Ramana, Nalini kanta Sahoo, Kanhu Charan Panda*.. **Formulation and Evaluation of Immediate release Tablets of Dasatinib using Croscarmellose Sodium**, *Research J. Pharm. and Tech.* 10(3): 2017, pp.1-6. (SJR I.F-0.13) (Scopus).
33. *Nalini Kanta Sahoo, Rekha Ippili, Madhusmita Sahu, Chinmaya Keshari Sahoo*. Validation of assay indicating method development of duloxetine HCl in bulk and its tablet dosage form by RP-HPLC, **Madridge Journal of Novel Drug Research**, 1(1), 2017, pp:12-17.

34. *Chinmaya kesharisahoo ,Muvvala Sudhakar , Nalini kanta Sahoo , Surepalli Ram Mohan Rao*, Validation of Analytical Methods: A Review, **Journal of Innovation in Pharmaceutical Sciences** ,2(1) ,2018,pp: 8-15.
35. *Chinmaya kesharisahoo, Nalini kanta Sahoo, Surepalli Ram Mohan Rao, MuvvalaSudhakar* ,Formulation and Optimization of Controlled Porosity Osmotic Pump Tablets of Lamivudine using Sodium Chloride as Osmogen for the Treatment of AIDS, **Madridge Journal of Novel Drug Research**, 2(1),2018,pp:94-101.
36. *Nalini Kanta Sahoo, Madhusmita Sahu* ,A Review on Clinical Management of Dengue fever, **International Journal of Pharmaceutical Sciences**, 1(1),2018, pp.1-9.
37. *Chinmaya kesharisahoo, Nalini kanta Sahoo, Surepalli Ram Mohan Rao, MuvvalaSudhakar* ,Design and development of controlled porosity osmotic pump tablets of zidovudine using sodium chloride as osmogen for the treatment of AIDS, **Journal of Pharmaceutical Research**, 4(1),2019,pp.1-8.
38. *Nalini Kanta Sahoo*,Eminence of pharmacy practice and advancement in Pharmaceutical & health sciences, NFPS Conference Proceeding ,**Scholars Academic Journal of Pharmacy**,7(10),2018,pp.1-111.
39. *Nalini Kanta Sahoo*, Cancer Breakthrough Pain Management Using Short Acting Fentanyl, **Journal of Pharmacy and Drug Development**,1(1),2019,pp.1-2.
40. *Nalini Kanta Sahoo, Dibyalochan Mohanty, Ch.Gurulatha, Vasudha Bakshi, Akiful Haque*, RP-HPLC method development and validation for Dipyridamole in both bulk and pharmaceutical dosage forms, **Enliven: Bioanalytical Techniques**,6 (1).2019,pp.1-8.
41. *Nalini Kanta Sahoo, K.S. Murali Krishna, Madhusmita Sahu*, A Short Review on Scenario of Type 1 Diabetes in Australia, **Research & Reviews: A Journal of Immunology**,9 (1),PP.1-5.
42. *S. Jyothi Sri,Nalini Kanta saho,D. Kusuma, Ch. Uma Shankar*, Fabrication and evaluation of non-medicated jellies of carrot, beetroot and papaya, **Open Access Journal of Pharmaceutical Research**, 3(4) ,2019,pp.1-9. (Impact factor-1.52)
43. *Nalini kanta Sahoo, R.Rajitha, K.S.Muralikrishna*:A newer RP – HPLC stability indicating method development and validation of darunavir in its bulk and formulation,**Austin Journal of Analytical and pharmaceutical chemistry**, 2019, 6(3), pp.1-5.(American chemical society) I.F.2.8



44. *Nalini Kanta Sahoo*, LC-MS based metabolomics in pharmaceutical research and its significance, **International Journal of Drug Development and Research**, 2019,11,(1),pp35.**I.F-1.95**
45. *N.Sreeja, Nalini Kanta Sahoo*, RP-HPLC Method Development and Validation for Simultaneous Estimation of Losartan Potassium and Amlodipine Besilate in Bulk & Marketed Formulation, **Advanced Research in Chemistry and Applied Science**, 2019,1(1),pp.1-7.
46. *Khan Mohammad Gayoor, Sahoo Nalini Kanta ,Yezdani Umama , Hari Baskar , Kumar Ayush and Thappa Sidhant Prasad*, Ethnopharmacological Studies of Argemone mexicana for the Management of Psoriasis Followed by Molecular Techniques through Metabolomics, **Biomed Research and Health Advances**,2019,1(1),pp.9-13.
47. *Nalini Kanta Sahoo, Madhusmita Sahu*, A Short Review on Cancer Biomarkers,**ARC Journal of Clinical Case Reports**, 2019, 5(4), pp.6-9.
48. *Nalini Kanta Sahoo ,G.Tejaswini* , A Review on Bioprinting – Its Applications and future Scope, **Journal of Molecular Pharmaceuticals and Regulatory Affairs**,2020,2(1),pp.6-10.
49. *Nalini kanta Sahoo, Mohammad Gayoor khan and Umama Yezdani*, Combined Studies on Aloe Vera and Argemone mexicana for the Management of Psoriasis, **Journal of Clinical Review & Case Reports**, 2020,5(3),pp.1-4.
50. *Sahoo NK, Chandana GMH and Vaishnavi G*, Pharmaceutical Applications and Importance of Near Infrared Spectroscopy, **Medicinal and Analytical Chemistry International Journal ISSN: 2639-2534**, 2020,4(1),pp.1-6.
51. *S. Jyothi Sri, Nalini Kantasahoo , D. Kusuma* , Preparation and evaluation of acebutolol mucoadhesive films, *Drugs & Therapy Perspectives*. (Under review)
52. *Sarita Kumari Yadav, Brahmeshwar Mishra, Nalini Kanta Sahoo*,Periodontal disease:Understanding oral systemic Connections, **Journal of Public Health and Sanitation**, 2020,1(1),29-31.
53. *Nalini Kanta Sahoo, G Tejaswini, Madhusmita Sahu and KS Muralikrishna*, An overview on NMR spectroscopy based Metabolomics,**International Journal of Pharmaceutical Sciences and Developmental Research**, 6(1): pp.016-020.
54. *Nalini Kanta Sahoo*, Editorial Note for the Journal of Bioanalysis & Biomedicine, **Journal of Bioanalysis & Biomedicine**, Volume 12(2): (2020) -1-1.( **I.F-6.63**)



55. Vinod kumar Nelson; **Nalini Kanta Sahoo**; Madhusmita Sahu; Hari hara Sudhan; Chitikela P Pullaiah; Kanuri Sai Muralikrishna, In vitro anticancer activity of Eclipta alba whole plant extract on colon cancer cell HCT 116, **BMC Complementary Medicine and Therapies**, (2020) 20:355, <https://doi.org/10.1186/s12906-020-03118-9>.(Impact factor-3.8) (Springer Nature).
56. Chilukuri Revathi Sreelekha; **Dr. Nalini Kanta Sahoo**; Application of Microfluidic Technology in Pharmaceutical Analysis, American Journal of Phytomedicine and Clinical Therapeutics ISSN 2321-2748, 2021, Vol.9 No.7:33.
57. **Nalini Kanta Sahoo**, Ramya , Harini D, Tarun Kumar Padhiary, Stability Indicating Method Development and Validation for the Determination of Armodafinil in Pharmaceutical Tablet Dosage Form by RP-HPLC, Research and Reviews: Journal of Chemistry, Volume 11 | Issue 8 | August, 2021, p.p.1-12.
58. Gogu Divya, **Dr. Nalini Kanta Sahoo** , S. Srinivasa Rao, Analytical method development and validation of anti-viral drugs (Atazanavir and Ritonavir) in pharmaceutical dosage forms by using RP-HPLC method, Gogu Divya , J. Global Trends Pharm Sci, 2021; 12 (3): 9713 – 9718.
59. **Nalini Kanta Sahoo**, A Novel Method to Improve the Detection of Glaucoma Disease Using Machine Learning, Research Journal of Computer Systems and Engineering, 2022,03(01), p.p. 67-72.
60. **Nalini kanta Sahoo**, The Interference of Commercialized Science in the Right to Mental Health, American Journal of Medical and Health Sciences, 2022,1 (1 ),pp 26-33.
61. K.Praveena, Uriti Sri Venkatesh, **Nalini Kanta Sahoo**, S. V. Ramanan, M. K. Mariam Bee, N. K. Darwante, Brain tumor detection using anfis classifier and segmentation, International Journal of Health Sciences (IJHS),2022, 3,11817,1-12.(Scopus).
62. A. Yasmine Begum, Anil Sharma, M. Praveen Kumar, Adiseshaiah Sade, **Nalini Kanta Sahoo**, C M Velu, **Reduction of redundancy in diabetes-related gene categories utilizing conceptual similarity and gene expression information**, International Journal of Health Sciences (IJHS),2022,4,8519-8528.(Scopus)
63. D. Kusuma, **Nalini Kanta Sahoo**, Jyothi Sri, Preparation and Evaluation of Acebutolol Mucoadhesive Films, Journal of Management and Entrepreneurship, 2022,16,(4 -II), UGC care I.

64. *Tejaswini Gangaraj\**, *NK Sahoo*, A review on quality by design (QbD) - Its significance and applications, *Australasian Medical Journal*, 2022;15(1):312-314.
65. *Nitish Kumar* , *Nalini Kanta Sahoo* , *Sidharth Mehan* , *Bharti verma*, The importance of gut-brain axis and use of probiotics as a treatment strategy for multiple sclerosis, *Multiple Sclerosis and Related Disorders*, 2023,71,4,pp.47-54.(**I.F.4.8**)  
(Elsevier)
66. *Dr. Nalini Kanta Sahoo*, *Dr. Vatsala Tomar*, *Prashanth Kumar H P*, *S. Violet Beaulah*, *Dr. T. Ramesh*, *Nagaraju Bandaru*, DEVELOPMENT OF NOVEL ANTIINFLAMMATORY DRUGS TARGETING THE COX-2 ENZYME, *European Chemical Bulletin* 2023,12(Special Issue 5),479-486. (**Scopus**)
67. *Kavita Khatana*, *Vikas Malgotra* , *Rokeya Sultana* , *Nalini Kanta Sahoo* , *Shivam Maurya*, *Anamika Das and Chetan Dm*, Advancements in Immunomodulation, Drug Discovery, and Medicine: A Comprehensive Review, *ACTA BOTANICA PLANTAE*, 2023,02,02,pp.39-52.
68. *Konda V V S Krishna* , *Dr. Aniketa Sharma* , *Dr. Karthickeyan Krishnan* , *Akshay Javalgikar* , *Dr. Nihar Ranjan Kar* , *Dr. Nalini Kanta Sahoo* , *Dilip Kumar Bagal* , *Kartikey Pandey* , *Dr. S. Vigneswari*, Polycystic Ovarian Syndrome: A brief review on the role of Allopathic and Herbal Treatment, **Journal of Cardiovascular Disease Research**, 2023: 14,08,pp.351-368.(**Scopus**).
69. *Sumanta Sen* , *Atal B. Singh* , *Jyotirmaya Sahoo* , *Alok K. Moharana* , *Nalini K. Sahoo\**, *Madhusmita Sahu*, Phyto-Pharmacological Investigation of Ethanolic Extract of Flowers of *Bauhinia acuminata*,2023,09,02, pp.1-4.(**UGC care 1**).
70. *Chunhong Liu*, *Zongsheng Yin*, *Varsha Shaji*, *Pooja Mohan*, *Joice Tom Job*, *Opeyemi Joshua Olatunji*, *Nalini Kanta Sahoo*, *Arunaksharan*.A comprehensive review on the Chemical composition and biological properties of Essential Oil Isolated from *Curcuma longa*, **Plants (MDPI)-Accepted (Impact factor-4.5)**.
71. *Tinku Gupta*, *NaliniKanta Sahoo*, *Maddela Rambabu*, *M. Praveen*, *Shrikant Charde*, *Madhusmita Sahu*, *Prasun Chakrabarti*, *Bui Thanh Hung*, *Martin Margala*, *Bhuvan Unhelkar*, *ArunaksharanNarayanankutty*, New validated LC-MS/MS method for the determination of Dacomitinib in human plasma and its application to a pharmacokineticstudy, **Separation Science Plus**, 7 (6): (2023),p.p1-9.( **I.F-1.9**)  
**Willey**.

72. Balan P , Amit Kumar Nigam , Saritha Pendlikatla , D Sudhahar , Bishnupada Biswal , **Nalini Kanta Sahoo** , Mandalapu Neeharika , Soumya Tripathi , P. Sivasubramanian, Development And Validation of Sensitive LC Method For Determination Of Doravirine In Bulk And Pharmaceutical Formulation, *Journal of Advanced Zoology*, 2023, 44, S7 PP 608-614.(Scopus)
73. Chinmaya Keshari Sahoo, **Nalini Kanta Sahoo**, Madhusmita Sahu, Liposomes for the treatment of prostate cancer therapy: A review, *Cancer Treatment and Research Communications*, 2024, 39, 2,pp 1-6.(I.F-4.3) Elsevier.
74. Swarnajit Dutta, Tanmay Ghosh, **Nalini Kanta Sahoo**, Gopi Reddy Alugubelli, Anil Kumar, Laxminarayan Patidar, Pooja Khanpara, Roshni Tandey, Mathews T Thelly. Phytochemical Profile & Pharmacological Significance of Piper nigrum - King of spices, *African Journal of Biological Sciences*, 6(10) (2024), p.p 5706-21.(Scopus). (I.F-0.15).
75. Deepak Kumar Sarangi , Chandra Sekhar Patro , Ch. Niranjan Patra , **Nalini Kanta Sahoo** \* , Nihar Ranjan Das , Komalpreet Kaur , Jahanvi Gupta, In vivo assessment, formulation, characterization and enhancing pharmacotherapy of encapsulated mini tablets for immediate release Sildenafil citrate and sustained release Bosentan, **Results in Chemistry**, Volume 9, July 2024, 101652. Elsevier (I.F.-2.5)
76. **Nalini Kanta Sahoo**, Prasun Chakrabarti ,Bui Thanh Hung , Bhuvan Unhelkar ,Madhusmita Sahu, LC-MS/MS method development and validation for the simultaneous determination of Lopinavir and Ritonavir in Human plasma, **Journal of Technology**, Volume 12 (9),2024, pp.225-255.(Scopus), cite score-0.103.

### Proceedings published:

1. Eminence of pharmacy practice and advancement in Pharmaceutical & health sciences, NFPS Conference Proceeding ,**Scholars Academic Journal of Pharmacy**,7(10),2018,pp.1-111.
2. 9<sup>th</sup> Edition of International Conference on Mass Spectrometry (**Euroscicon**), LC-MS based metabolomics in pharmaceutical research and its significance, **International Journal of Drug Development and Research**, 2019,11,(1),pp35, March 04-05, 2019 **Berlin, Germany**.
3. 3rd International Conference on Research in Life-Sciences & Healthcare (ICRLSH), 16-17 March, **Singapore**, Conference Venue: The National University of Singapore Society (NUSS) ,Suntec City Mall, Singapore, **LIFE: International Journal of Health and Life-Sciences**, ISSN 2454-5872.

4. **Editorial note for the journal of Bioanalysis & biomedicine**, J Bioanal Biomed, an open access journal, Volume 12(2): (2020).
5. International Conference on Clinical Research and Case Reports , Paris, France | June 15-16, 2020, Development of new biomarkers and early prognosis for drugs causing hepatotoxicity through different metabolomic approaches, **Annals of Clinical Trials and Vaccine Research,2020,3(4),pp1-1.**
6. **Dr.Nalini Kanta Sahoo**, Nanotechnology and Nanobiotechnology: Their significance in Pharmaceutical Industry Principal of SRM Modinagar College of Pharmacy, India. 2nd International Conference on November 18-19, 2021 , Webinar NANOMATERIALS AND NANOTECHNOLOGY. United Research Forum.
7. **Dr.Nalini Kanta Sahoo**, Review Study on Works in The Field of Brain Activity Monitoring Using Artificial Neural Networks, Engineering and Technology, Conference Proceedings, Volume 01(2021),39-45.

### **Seminar and conferences attended/Presented papers:**

1. **Data Analysis**, Yalamarty Pharmacy College, Visakhapatnam, **April 2010.**
2. **Attended National seminar on Empowerment of Women and Research organized by VNIPS, Vishakhapatnam on 8<sup>th</sup> March 2014.**
3. Comparative evaluation of antidiarrhoeal activity of aqueous extract of root, stem and leaf of murrayakoenigii in castor oil induced diarrhoea in rats, **66<sup>th</sup> IPC, Jan.2015, Hyderabad.**
4. Presented an oral talk on **“Recent advancements in bioanalytical technologies”Pharma accentuate** organized by Omega college of Pharmacy,Ghatkeswar, 11<sup>th</sup> March,2015.
5. Attended National seminar on **“Current trends on pharmacovigilance and clinical trials”**organized by **Syncorpclinicare technologies pvt.Ltd.**, 19<sup>th</sup>February,2016.
6. Presented an oral talk on **“Bioanalytical methods application on metabolite study” Pharma accentuate** organized by Omega college of Pharmacy,Ghatkeswar, 11<sup>th</sup> March,2016.
7. **Presented poster on an international symposium on pharmacogenomics and pharmcoeconomics in healthcare system**“Comparative evaluation of Antidiabetic and Antioxidant Activity of aqueous Fruit Peel and leaf extract of Annona Squamosa on high fat diet and multiple low dose Streptozotocin (MLDS) mouse model of diabetes” organized by **RBVRR women college of pharmacy,Hyderabad on 26<sup>th</sup> July 2016.**
8. **Attended 1<sup>st</sup> International conference on “ Current research in effective methodology of pharmaceutical and life sciences” organized by NFPS ,ABIDS, Hyderabad on 14<sup>th</sup> October, 2017.**

9. **Presented a paper entitled** “ Effect of standardized soya isoflavones rich seed extract on glucose utilization, endurance capacity and free radical scavenging activity on type II diabetic mice” **on 2<sup>nd</sup> International pre-conference work shop on “ Pharmacovigilance: Adverse drug monitoring and orphan drugs” with training vigiflow software”** organized by Anurag Group of Institutions on 15<sup>th</sup> and 16<sup>th</sup>September 2017.
10. **Attended National seminar on** “Emerging Trends in Analytical Sciences (ETAS-2018) with a theme :Food, health and environment”held at **CSIR-IICT, Hyderabad, Telangana, India during July 30-31,2018.**
11. **Attended Indo Malaysian conference with a theme** “Global scenario & challenges in pharmacy practice and nanotechnology” **at Mallareddy College of Pharmacy,Secunderabad on 10<sup>th</sup>September, 2018.**
12. **Attended as an advisory board for the International conference on “Innovative technologies in recent research” (ICITRR’19)** organized byYazhli Global Multidisciplinary Research Organization (YGMRO), Coimbatore,Tamilnadu held on 31/08/2019.
13. Presented a oral talk on **“A review on NMR based Metabolomics”**in the scientific session of **SERB sponsored two day national level seminar on NMR techniques and its applications in pharmaceutical sciences held in Jayamukhi college of Pharmacy on 20<sup>th</sup>& 21<sup>st</sup> September 2019 ( Won 1<sup>st</sup> Prize).**
14. Attended as an advisory board on behalf of Endling conferences **for the 2<sup>nd</sup> International conference on Innovation in Drug Development and Clinical Research held in VIPER, Hyderabad on Feb.17<sup>th</sup>& 18<sup>th</sup>,2020.**
15. Attended online AICTE sponsored **“workshops on Intellectual property rights” conducted by Pandit Deendayal Petroleum University with collaboration of IPPO on 10<sup>th</sup> and 11<sup>th</sup>April, 2020.**
16. Attended online International work shop on **“Creating a smart learning Environment” conducted by International Institute of Health sciences (IHS), Srilanka on 18<sup>th</sup> April,2020.**
17. Attended webinar workshop on **“IPR-Introduction to application” on world intellectual property day-2020 organised by Charotar University of science & technology (CHARUSAT) dated 26/04/2020.**

18. Attended work shop on **“Post marketing drug safety compliance: 2019 Inspection findings webinar”** conducted by **United states public health service & CDER SBIA in collaboration with U.S Food & Drug Administration on 29/04/2020.**
19. Attended one day webinar conference work shop on **“Enhancing Research Effectiveness using scopus ,science direct and Mendeley”** conducted by **Faculty development centre, Kurukshetra University in collaboration with ELSEVIER on 01/05/2020.**
20. Attended one day Webinar work shop on **“Use of Technology in Education”** conducted by **International Institute of Health sciences (IIHS), Srilanka on 02/05/2020.**
21. Attended International web conference on **“Challenges and opportunities for pharmacists in the present Covid-19”** organized by **Association of Registered pharmacists (ARP) with divine International Pharmacy, Gwalior,MP on 03/05/2020.**
22. Attended online conference on **“Awareness survey on Covid-19 prevention programme”** organized by **Sree Sastha Pharmacy college,Chennai on 04/05/2020.**
23. Attended online workshop on **“Problem identification in Research: Disruptive technology”** by **Prof.S.S.Manoharan** organized by **Pandit Deendayal Petroleum University on 04/05/2020.**
24. Attended one day conference on **“Introduction and opportunities in clinical Research”** conducted by **Dr.D.Y.Patil Institute of Pharmaceutical Sciences & Research,Pune on 05/05/2020.**
25. Attended online workshop on **“Ethics in Research-session 2”** by **Dr.bhawanisingh G Desai,** organized by **Pandit Deendayal Petroleum University on 05/05/2020.**
26. Attended online workshop on **“Writing research paper-session 3”** by **Indrajit mukhopadhyay** organized by **Pandit Deendayal Petroleum University on 06/05/2020.**
27. Attended online workshop on **“Reviewing literature-session 4”** by **Prof.Padeepkumarmallik** organized by **Pandit Deendayal Petroleum University on 07/05/2020.**
28. Attended a webinar conference on **“Drafting a patent Application & procedure for filling an Indian patent”** delivered by **Dr.S.P.Subhramanyam, president, patent office,Chennai,** organized by **Vignan University,Guntur on 10/05/2020.**
29. Attended one week national level faculty development programme on **“Redefining the Role of Educator in Covid-19 Outbreak Era”** Jointly organized by **Gujarat Technological University(GTU), Ahmedabad and Anand Pharmacy college, Anand, Gujarat during May 11-16, 2020.**

30. Attended conference on **“Need of E-learning for changing pharma world-concepts,trends and tools”** organized by **Association of registered pharmacists**,sponsored by Devine International pharmacy,Gwalior,M.P on 17/05/2020.
31. Participated in one day conference on **“Food forensics: Investing Food crimes and frauds”** organized by **Institute of research and development, Gujarat Forensic Sciences University,Gujarat on 16<sup>th</sup> ,17<sup>th</sup> and 23<sup>rd</sup> .**
32. Participated in five days **e-Faculty development programme** on **“Building research and innovative culture among pharmacy teachers”**organized by **Dr.D.Y.Patil Institute of pharmaceutical sciences and research, Pimpri,Pune** in association with **APTI from 18<sup>th</sup> to 22<sup>nd</sup> May ,2020.**
33. Attended one day conference on **“Herbal Startups-Scope and Challenges”** organized by Ram-Eesh Institute of Vocational & Technical Education in association with **Association of Pharmacy Teachers of India (APTI) ,Uttar Pradesh on 23/05/2020.**
34. Participated in one day webinar conference on **“Role of accreditations and rankings in higher Education”** by Dr.MeenaChintamaneni organized by **School of Pharmacy and technology management ,SVKM’S NMIMS ,Hyderabad campus on 30<sup>th</sup> May,2020.**
35. Participated in National e-conference**“Insights in to patent filling procedure for researchers”**organized by **Career point school of Pharmacy, Career point University,Kota on 30/05/2020.**
36. Participated eFDP on **“E-learning program on Bioinformatics as cartographic tool in drug discovery”** organized by **Department of bioinformatics, Alagappa University, Karaikudi from 19<sup>th</sup> May to 30<sup>th</sup> May,2020.**
37. Participated in one day International webinar conference on **“statistical methods and application in biological research”** organized by **GITAM University,Vizag&Hyderabad on 07/06/2020.**
38. Attended webinar conference on **“Drug Repurposing: current face of drug development”** organized by **Guru Gobind Singh college of Pharmacy in collaboration with Association of registered Pharmacists on 10/06/2020.**
39. Attended conference on **“Effective ways to present your research”** organized by **Department of Pharmacy , Sri Sai Group of institutes, badhani-Pathankot on 10<sup>th</sup> June,2020.**



40. Participated in one day workshop on **“Role of Pharmacy & Pharma.MBA professionals for strengthening the healthcare systems”** organized by School of Pharmacy & Life Sciences, Centurion University, BBSR on 20/06/2020.
41. Participated in global webinar **“on Treating cardiovascular diseases”** by Mr.Lain Jack, School of pharm and Pharmaceutials sciences, ulster University, United kingdom on 6<sup>th</sup> July, 2020.
42. Participated in global webinar entitled **“Safety profile of Herbal medicines: monitoring through pharmacovigilance”** organized by School of Pharmaceutical Technology, ADAMAS University, Calcutta on World Pharmacist day, 25<sup>th</sup> September, 2020.
43. Participated in international webinar entitled **“Formulating Research Proposal to get a Grant”** organized by School of Pharmaceutical Technology, ADAMAS University, Calcutta on 2<sup>nd</sup> October, 2020.
44. Participated in international webinar entitled **“Artificial intelligence in health care”**, LORDS University, Alwar on 3<sup>rd</sup> November, 2020.
45. Participated in international webinar entitled **“Carbon nanotubes to Bhabha kavach”**, Indian society of Analytical scientists (ISAS), Nagpur branch on 03/11/2020.
46. Attended 5 days national conference on **“Recent advancement in Pharmaceutials sciences”** sponsored by Power finance corporation, New Delhi organized by Devsthalividya peeth college of pharmacy, Roorkee from 18-22<sup>nd</sup> January, 2021.
47. Attended faculty development program on **“Impact of Faculty Development Programmes (FDPs) for Technical Teachers in India”** conducted by National Institute of Technical Teachers’ Training and Research (NITTTR), Bhopal on 11<sup>th</sup> January, 2021.
48. Attended national level faculty development program on **“Research methodology”** organized by Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya from 26<sup>th</sup> April to May 1<sup>st</sup>, 2021.
49. Attended an International Virtual Symposium on **“Role of Pharmacists in Immunization”** Wednesday, 2nd June, 2021 Organised by Faculty of Pharmacy, DIT University, Dehradun.
50. Attended an Faculty development program on **“Teaching, learning and evaluation”** from 15<sup>th</sup> June to 19<sup>th</sup> June, 2021 organized by Hindu college of Pharmacy, Andhra Pradesh.
51. Participated in international conference entitled **“The Future of health care-The role digital health will play in the post pandemic health care land scape”** organized by center for innovation, incubation and entrepreneurship, IIHMR University, Jaipur on 29/06/2021

52. Participated in the national webinar on Industrial approach-Pharmaceutical analytical techniques (IPAT-2021) topic entitled “ **HPLC trouble shooting- instrumental & practical approach**” and “**Bioanalytical method development and validation**” organized by A.U college of Pharmaceutical Sciences, Andhra University, Vishakhapatnam on 31<sup>st</sup> July,2021.
53. Participated in **International E-Conference On Natural and Novel Pharmaceutical Research from 18TH-20TH NOVEMBER 2021 organised by school of Pharmacy, Arka jain University, Jharkhand.**
54. Participated and successfully completed One week e-FDP 2022 on "Recent Advances in Pharmaceutical Sciences", organised by the Department of Pharmaceutics in association with IQAC, Geethanjali College of Pharmacy from 04-July-2022 to 09-July-2022 Sponsored by Teja Educational Society.
55. Attended national level faculty development program on “**Research methodology**” organized by Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya from 2<sup>nd</sup> May to May 7<sup>th</sup>, 2022.
56. Participated and successfully completed five days FDP 2022 on "Theme: Innovation, learning and Research in Pharmaceutical Sector", organised by the School of Pharmaceutical Sciences, VISTAS (Deemed to be University),Chennai from 19- December-2022 to 23-December-2022.

### **Invited as a Resource person/speaker for delivering talk:**

1. **As key note speaker on International conference on “ Current research in effective methodology of pharmaceutical and life sciences” organized by NFPS ,ABIDS, Hyderabad on 14<sup>th</sup> October, 2017.**
2. **As a patron speaker on 1<sup>st</sup> international Summit** with a theme “Eminenece of Pharmacy practice & advancement in Pharmaceutical & life sciences” **organized by National forum of Pharmacy students (NFPS)** at Harihara kalabhavan, secunderabad on 18<sup>th</sup> August,2018.
3. **As an keynote speaker on “International conference on innovative technologies in recent research (ICITRR’19)” organized by Yazhli global multidisciplinary research organization (YGMRO)** held on 31<sup>st</sup> August 2019 at Coimbatore,Tamilnadu, India.
4. As a delegate in 3rd International Conference on Research in Life-Sciences & Healthcare (ICRLSH), 16-17 March, Singapore, and proceedings published in journal **LIFE: International Journal of Health and Life-Sciences, 2019.**

5. Delivered a talk as speaker on two days national conference on **“India’s dominance in combating emerging health challenges through discovery of therapeutic armamentarium”** with a topic entitled **“Biomarkers development through metabolomic approaches, organized by School of Pharmaceutical Sciences, Sandip University, Nashik, Maharashtra & Indian Pharma Educational society (IPES)** on 15<sup>th</sup> & 16<sup>th</sup> May, 2020.
6. **Delivered a talk as resource person invited by Saradchandra Pawar college of Pharmacy, Otur, Pune** on the 10<sup>th</sup> webinar series topic entitled **“Metabolomics approaches for the development of newer biomarkers using bioinformatics tools”** on **04/06/2020**.
7. Delivered a talk in two days International conference Pharmaceutica webinar 2020 as an **International keynote speaker on a topic entitled “Developemet of newer biomarkers and early prognosis of drug induced hepatotoxicity through NMR based metabolomics approaches”** invited by **Conference series, United Kingdom on June 18<sup>th</sup> & 19<sup>th</sup>, 2020**.
8. Delivered a talk on 9<sup>th</sup> International webinar series as an **Guest speaker** on a topic entitled **“Pharmacovigilance-A new Era and its impact on Society”** organized by joint collaboration of **Aditya Bangalore Institute of Pharmacy, Education & Research** and **Indian Pharmaceutical Association (I.P.A)** on **04/07/2020**.
9. Delivered a talk on SAGE Talk –**“Role of LC-MS in biomarker development”** organized by **Sagar Institute of Research & Technology-Pharmacy, Bhopal** on **17/07/2020**.
10. Delivered a talk on **“Challenges and opportunities in bioanalysis”** organized by **Pharmatutor** on **03/09/2020**.
11. Delivered a talk in the 2nd International conference on Pharmacology & Toxicology as an **International keynote speaker topic entitled “Developemet of newer biomarkers and early prognosis of drug induced hepatotoxicity through NMR based metabolomics approaches”** invited by **Conference series, London on November 28<sup>th</sup>, 2020**.
12. Delivered a talk in an **“International webinar on Research methodology organized by Institute of Research and Journals”** on **21<sup>st</sup> December, 2020**.
13. Delivered a talk in the United conference of Drug development and Industrial Pharmacy as an **International keynote speaker topic entitled “Developemet of newer biomarkers and early prognosis of drug induced hepatotoxicity through NMR based metabolomics approaches”** invited by **United Conferences, NJ, U.S.A on April 7<sup>th</sup>, 2021**.

14. **Delivered a talk on “ Metabolomics : A novel approach for the development of cancer biomarkers” organized by Expert Pharmacy Association, Haryana,India on 15/05/2021.**
15. **Delivered a talk in the International conference on Pharmacy & Pharma Networks ICPPN Germany 2021 Leaderships and committees topic entitled on “ Biomolecular analytical techniques (BIA Techniques)” organized by HELICS GROUP scientific networks, Germany on June 28<sup>th</sup>-30<sup>th</sup> ,2021.**
16. Delivered a talk on International webinar series as an **Guest speaker** on a topic entitled **“Pharmacovigilance-An overview and future prospective”** organized School of Pharmacy, Arka Jain University, Jharkhand on **26/06/2021.**
17. Delivered a talk on AICTE sponsored one day webinar topic entitled “ The relevance of skills & entrepreneurship in Pharmaceutical services” organized by Institution’s innovation council, Seven Hills college of Pharmacy, Andhra Pradesh on 03/08/2021.
18. Chaired a session in 2 days International conference on “Advances in Pharmaceutical & health Sciences- (APHS-2021) organised by KIET School of Pharmacy, KIET group of Institutions , Ghaziabad, Delhi-NCR and CSIR-Indian Institute of Toxicological Research(IITR), Lucknow on 7<sup>th</sup>&8<sup>th</sup> October,2021.
19. Delivered a talk in International conference entitled “Drug Development and Industrial Pharmacy” on a topic **Biomolecular Analytical Techniques (BIA Techniques)** organized by United Journals and conferences, U.S.A on 11<sup>th</sup> November, 2021.
20. Delivered a talk in 2<sup>nd</sup> International conference entitled “Mass spectroscopy & Analytical Techniques” on a topic **Mass spectroscopy &Biomolecular Analytical Techniques (BIA Techniques)** organized by Coalesce Research group,Greenville, U.S.A on 12<sup>th</sup>November, 2021.
21. Participated as Resource person in an online FDP “Innovative teaching practices and quality research in pharmaceutical sciences” organized by IIMT College of Pharmacy, Greater Noida and delivered a talk entitled “Metabolomic approach for the development of newer biomarkers” on 9<sup>th</sup> February,2022.
22. Delivered a talk on International webinar series as an **Guest speaker** on a topic entitled **“Various career opportunities in Pharmacy India and abroad ”** organized Business Rozgar on **15/04/2023.**

23. Delivered a talk on International webinar series as an Guest speaker on "Women Entrepreneurship Development Programme Organized by Royal College of Pharmacy and Health Sciences, Berhampur, sponsored by **Department of Science & Technology, Govt. of India**, topic entitled "**Various schemes for Women entrepreneurs ships by DST, BIRAC and other national agencies**" on Day-07 (22/11/2023).
24. Delivered a talk on 34th SPSR Webinar on 'Human Metabolomics: A new approach for Development of Newer Cancer Biomarkers' scheduled at Time: Dec 25, 2023 11:00 AM India organized by Society of Pharmaceutical Sciences and Research (SPSR).
25. Taken an expert talk on process design and development organized by INSTITUTION INNOVATION COUNCIL 6.0 (Quarter 3) : A Calendar Activity for the Academic Year 2023-2024, under the aegis of IQAC & in association with glory pharma chem pvt. Ltd. Tirupati organized by dept. of pharmaceutical analysis, Seven Hills college of Pharmacy on Dated: 15/03/2024 Time: 3.00 pm -4.00 pm.
26. Delivered a talk on International Webinar on '**Preventive Strategies and Treatment Options for Hepatotoxicity**' scheduled at Time: June 22nd, 2024 11:00 AM India organized by **Dfree Novelish (opc) pvt. Ltd.,India**.

## P.G dissertations guided:

2016

Name of the student	Topic
<b>A. Tejasree</b>	Stability Indicating Method Development And Validation Of Ciprofloxacin And Fluocinolone In Pharmaceutical Dosage Forms By Using New Rp-Hplc Method
<b>B.Sravani</b>	A New Method Development And Validation For Simultaneous Estimation Of Atorvastatin And Ramipril In Tablet Dosage Forms By Rp-Uplc Method
<b>D.Kamalesh</b>	A New Rp-Hplc Method Development And Validation For Simultaneous Estimation Of Metformin And Canagliflozin In Pharmaceutical Dosage Form
<b>G.Nagavardhini</b>	Development And Validation Of Stability Indicating Hplc Method For Estimation Of Related Substances In Fosamprenavir Calcium
<b>Gattu Koushik</b>	A New Rp-Hplc Method Development And Validation For Estimation Of Sofosbuvir In Pure And Its Tablet Dosage Forms
<b>Jala Shivakumar</b>	Stability Indicating Method Development And Validation For The Simultaneous Estimation Of Tizanidine And Nimusulide By Using Rp-Hplc
<b>Korutla Sai Krishna</b>	New Rp-Hplc Method Development And Validation For Estimation Of Raltegravir Pure And Tablet Dosage Forms

<b>M. Padmavathi</b>	A New Method Development And Validation For Simultaneous Estimation Of Quinapril And Tolcapone In Tablet Dosage Form ByUPLC Method
<b>M.Rajesh</b>	A New Rp-Hplc Method Development And Validation For Simultaneous Estimation Of Methyropa And HydrochlorothiazideIn Pharmaceutical Dosage Form
<b>M.Yamuna</b>	A New Rp-Hplc Method Development And Validation For Simultaneous Estimation Of Formeterol Fumarate And BudesonideIn Pharmaceutical Dosage Form
<b>MeghawathSwathi</b>	Method Development And Validation For The Simultaneous Estimation Of Tenofovir And Emtricitabine Using Uplc In A BulkAnd Pharmaceutical Dosage Forms
<b>Miriyala Ganga Bhavani</b>	New Rp Hplc Method Development For The Simultaneous Estimation Of Glycopyrrolate And Formoterol Fumarate In Pharmaceutical Dosage Form
<b>M. Priyanka</b>	A New Analytical Method Development And Validation For Simultaneous Estimation Of Gemcitabine And Capecitabine InTablet Dosage Form By Using UPLC Method
<b>R.Rajitha</b>	A Newer Rp – Hplc Stability Indicating Method Development And Validation Of Darunavir In Its Bulk And Formulation
<b>R.Jamuna</b>	Analytical Method Development And Validation For The Simultaneous Estimation Of Sofosbuvir And Ledipasvir In DrugProduct By Rp-Hplc

## 2017

<b>Name of the student</b>	<b>Topic</b>
<b>B. SPANDANA</b>	Phytochemical Screening And Antioxidant Activity Studies Of Some Fruits And Vegetables Extract And Estimation Of Various Metals Using Flame Phometer And ICP - OES
<b>B.Raju</b>	Development And Validation Of Rp-Hplc Method For The DeterminationOf Metformin And Nateglinide In Bulk And Combined Tablet Dosage Form
<b>D.HARINI</b>	Method Development And Validation For The Estimation Of Doxorubicin Hcl By RP-HPLC Method
<b>K.VIJAYALA X MI</b>	A New RP-HPLC Method Development And Validation For Simeltaneous Estimation Of Lamivudine,Tenofovir Disoproxil Fumarate,Efavirenz In Pure And Its Tablet Dosage Forms
<b>Mehnaz</b>	A stability indicating RP-Hplc method for simultaneous Estimation of emtricitabine and tenofovir alafenamide Fumarate in tablet dosage forms
<b>N.ASHA JYOTHI</b>	Method Development And Validation For The Estimation Of Pemetrexed Disodium Hepta Hydrate By RP-HPLC Method
<b>Girija</b>	Analytical method development and validation of some anti cancer drugsby using RP-HPLC
<b>Padmasree</b>	Quantitativeanalyticalmethoddevelopmentfor The analysi of multi-Classneurotransmitters By LC-MS/MS
<b>PENUMUDI SRIJYOHTI</b>	Stability Indicating RP-HPLC Method For Simultaneous Estimation Of Sofosbuvir And Velparasvir

<b>Bandita Mishra</b>	Reverse Phase-High Performance Liquid Chromatographic Method Development And Validation For The Simultaneous Estimation Of Levodopa And Benserazide In Pure Form And Combined Pharmaceutical Dosage Form
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## 2018:

Name of the student	Topic
<b>B.Swathi</b>	Analytical method development and validation of Roxatidine by using RP-HPLC
<b>D.Yasmeen</b>	Analytical method development and validation of TrifluperazineHcl by usingRP-HPLC
<b>G.Divya</b>	Analytical method development and validation of Atazanavir and ritonavirby using RP-HPLC
<b>M.Sangeetha</b>	Stability Indicating RP-HPLC Method For Simultaneous Estimation Of clonidine And chlorthalidone
<b>M.Sreeteja</b>	Analytical method development and validation of Nateglinide and metforminby using RP-HPLC
<b>N.Bhavya</b>	Analytical method development and validation of some anti cancer drugs byusing RP-HPLC

## Organized Guest lecturers:

1. Topic entitled “What Industries require from you”, By **Mr.T.Srinivasa Reddy, MSc.** (Analytical Chemistry) **Director, Rainbow Labs, Hyderabad on 27/06/2015.**
2. Topic entitled “Scope of Clinical Research”By**Dr.Swati , M.Pharm, (Pharmacology)** **Assoc.Prof., Institute of Good manufacturing practice, Hyderabad on 10/07/2015.**
3. Topic entitled “Heat shocks proteins (HSPS) as an potent chemo therapeutic agent” By **Dr.A.Sreedhar, Ph.D, Post Doc. Principal Scientist, CCMB, Hyderabad on 22/08/2015.**
4. Topic entitled “Clinical Research as an important career for Pharmacy Graduates” By **Mr.Mahesh Silveri MSC,PGDM,CDM, Managing Director, Clini India,Hyderabad on 01/10/2015.**
5. Topic entitled“**Pharmacovigillancan Overview**” By **ByMr.Shakti Ranjan Rath M.Pharm, Senior Medical Writer-I, Novartis Healthcare Services (Pvt.)Ltd.Hyderabad on 14/11/2015.**
6. Topic entitled “Medical Coding an interesting career for pharmacy students” By **Mrs.Sheela, M.Sc,PhD Managing director, Emanuel healthcare solutions, Hyderabad on 19/12/2015.**



7. **Topic entitled** “Tandem Isomerization followed by C-O & C-C bond formation reaction: Total synthesis of complex natural products as anti cancer agents” **By Dr. Debendra Kumar Mohapatra, Ph.D , Principal Scientist, CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad-500007, Telangana on 23/01/2016.**
08. **Topic entitled** “Introductory session on clinical Research and various career opportunities with global software used in pharmacovillance, CDM and SAS for pharmacy graduates. **Dr.A.K.Moharana, MBBS,MD Principal Investigator, GratisolLabs,Hydearbad on 05/03/2016.**
09. **Topic entitled** “Nano technology in drug delivery systems” **By Dr.K.Vamsi Krishna M.Pharm, Ph.D, Assoc.Professor BITS Pilani, Hyderabad campus on 25/08/2016.**
10. **Topic entitled** “Application of Sophisticated analytical instruments in pharmaceutical Industry, **By Mr.Madishkumar and Vamsi Krishna , Dr.Reddy’sLab.,Hyderabad on 22/10/2016.**
11. **Topic entitled** “Beautiful world of small things” **ByDr.Amit Asthana, Principal Scientist,CCMB,Hyderabad on 25/10/2016.**
12. **Topic entitled** “Supra molecular Gadolinium III complex used as MRI contrast agent.**Dr.Debendra Kumar Mohapatra, Ph.D, Principal Scientist, CSIR-Indian Institute of Chemical Technology, Hyderabad-500007, Telangana, INDIA on 30/11/2016.**
13. **Topic entitled** “Medical coding as a career for pharmacy students” **ByDr.Joseph Abraham, M.Pharm,Ph.D , Managing director, Quest medicode,Hyderabad on15/12/2016.**
14. **Topic entitled** “Nano science and nano technology :An overview” **By Dr.Rajadurai Chandrasekhar,Ph.D (Max-Planck), School of Chemistry, University of Hyderabad,Prof. C. R. Rao Road, GachiBowli, Hyderabad-500 046 on 19/01/2017.**
15. **Topic entitled** “Clinical SAS,CDM and Pharmacovigillance as a career for pharmacy students by **Mrs.Veena Kumari, M.Pharm, (Ph.D) Pharmacology, Associate Professor, Clenovo lab., Hyderabad on 10/02/2017.**
16. **Topic entitled** “Industry overview and Good laboratory practice (GLP)” **by Mrs.Anuradha Reddy, M.Pharm, Founder & Director, Analog Labs, Hyderabad on 23/02/2017.**
17. **Topic entitled** “Make in India campaign” **By Mr.SachinKumboje, Head, Central Placement Cell Head, Industry-Institute Interaction Cell , Ashokrao Mane College of Pharmacy, Peth-Vadgaon – Kolhapur on 28/02/2017.**

18. **Topic entitled**“Application Biocatalysis in Pharmaceutical Industry” **by Dr.SantoshKumar Padhee, Associate Professor, Department of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad, 500046, India on 15/03/2017.**
19. **Topic entitled** “Overseas education for Pharmacy Students” **by Dr.Naveen Kumar, Managing Director, Valmiki overseas education Pvt. Ltd., Hyderabad, on 15/06/2017.**
20. **Topic entitled** “Wild life conservation” **by Dr.Ajay Gour, Principal Scientist, LACONES, CCMB, Hyderabad, on 17/08/2017.**
21. **Topic entitled** “Career opportunity for Pharmacy students” **by Dr.M. Mohanakrishna, Principal Scientist, IICT, Hyderabad, on 15/09/2017.**
22. **Topic entitled** “ Role of medicinal chemistry in drug development” **by Dr.K.Srinivas, Principal scientist, IICT, Hyderabad, on 23/02/2018 on the tech fest “Valorous 2K18”in MLR Institute of Pharmacy, Hyderabad.**
23. **Topic entitled** “ Significance of Medicinal Chemistry in Pharmaceutical Industries ” **by Dr.Debendra Kumar Mohapatra, Principal scientist, IICT, Hyderabad, on 26/03/2018 on the tech fest “Valorous 2K19” in MLR Institute of Pharmacy, Hyderabad.**
24. **As Committee member of Scitech conference organized “International conference on Oncology & Hematology” in Dubai June 17<sup>th</sup>&18<sup>th</sup>, 2019.**

### **National /International webinars organized as an Organizingsecretary**

1. **Webinar series-1 (Pharma Converse)**  
**Topic entitled:** COVID-19: The end of the beginning  
**Speaker:** **Dr.Lakshman Pulli**, Professor,SPTM, NMIMS,Hyderabad  
**Date:** 24/06/2020**Time-** 3 PM to 4PM
2. **Webinar series-2 (Pharma Converse)**  
**Topic entitled:** Ethnopharmacological Research & Drug developement  
**Speaker:** **Dr.Lokesh Deb**, Scientist D, Institute of Bioresources & sustainable development (IBSD), Gangtok, Sikkim  
**Date:** 30/06/2020**Time-**6 PM to 7 PM
3. **Webinar series-3 (Pharma Converse)**  
**Topic entitled:** Quality by design-Benefits and challenges  
**Speaker:** **Dr.RanjitBarshikar**, QBD advisor, Geneva,U.S.A  
**Date:** 06/07/2020  
**Time-**3 PM to 4 PM

- 4. Webinar series-4 (Pharma Converse)**  
**Topic entitled:** Drug development overview & prospects for pharmaceutical sciences  
**Speaker:** Mr.Imran Ali, Senior vice president & country Head, Covance drug development, India, **Date:** 14/07/2020  
**Time-**11 AM to 12 Noon
- 5. Webinar series-5 (Pharma Converse)**  
**Topic entitled:** Status of Vaccination for COVID-19  
**Speaker:** Dr.Ananya Chakraborty, Professor&HOD,Pharmacology, Vydehi Institute of Medical sciences & research center  
**Date:** 18/07/2020  
**Time-**6 PM to 7 PM
- 6. Webinar series-6 (Pharma Converse)**  
**Topic entitled:** Fabrication of paper based device and its biomedical applications  
**Speaker:** Dr.Amit Asthana, Principal scientist, CCMB, Hyderabad  
**Date:** 25/07/2020  
**Time-** 3 PM to 4 PM
- 7. Webinar series-7 (Pharma Converse)**  
**Topic entitled:** An overview of Intellectual property Rights  
**Speaker:** Dr.Sudeendra Bhatt, Professor & controller of Examinations, JSS Academy of higher education & Research (Deemed to be University),Mysore  
**Date:** 04/08/2020 **Time-** 3 PM to 4 PM
- 8. Webinar series-8 (Pharma Converse)**  
**Topic entitled:** Importance of operation excellence in pharma organization  
**Speaker:** Dr.VinayD.Joshi, Dr.Reddy'sLab., Consultant, Pune  
**Date:** 17/08/2020  
**Time-** 4 PM to 5 PM
- 9. Webinar series-9 (Pharma Converse)**  
**Topic entitled:** Role of pharmacists in preventing drug abuse  
**Speaker:** Dr.Atul Kumar Nasa, Deputy drug controller, Delhi NCR, India  
**Date:** 19/08/2020  
**Time-** 3 PM to 4 PM

## References:

**(1) Dr. Amit Asthana**

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## Career Objectives:

I would like to implement my knowledge and professional skill in a pharmaceutical organization for the progress and well being of the firm and to update my knowledge with the most recent technologies.”

## Declaration:

I hereby certify that the information furnished above is factually true to the best of my knowledge.

Date:

Place: **Moradabad**



**Prof. (Dr.) Nalini Kanta Sahoo**