Dr.Nalini kanta Sahoo

M.Pharm, Ph.D, Post-Doc (Vietnam), FSASS,

SRAP

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

Email: sahoo.nalini@gmail.com

Mobile No. 09550741536, 09396772373

Skype ID: nalini.sahoo3

Google scholar Index: 704; h-index-12 and i10 index-16

Research gate score: 25.88, h-index-11

Current Position:

Director and Professor,

MIT college of Pharmacy,

MIT Campus,

(NBA Accredited and NAAC A⁺ Approved)

Dr. A.P.J. Abdul Kalam Technical University,

Ram Ganga Vihar, Phase II, Moradabad

UP, India, 244001

Other Academic Qualification:

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

Centre, Sweden

Research Position:

- **1**. Honorary Adjunct Scientist and Fellow of SIRG, Egypt (Reference no. SIRG/2023/00332 I), Benisuef University, Egypt.
- 2. Research fellow in Vision Science Research Sdn.Bhd., Malaysia (Grant No.VSRIR2019070407)
- **3**. Expert of Academic Excellence Information Center, China
- 4. Committee member & Head, Yazhli Global Multidisciplinary Research Organization (YGMRO), Chennai
- 5. 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
- Ph.D Guide in Shri Jagdishprasad Jhabarmal Tibrewala University (JJTU) in Dept. of Pharmacy having Regd.No. JJT/2K9/SC/1806.
- 3. Ph.D Guide in Pacific University, Udaipur in 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 "Scientia Rescersa 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"

Reviewer for:

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

Academic Achievements:

- 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.
- 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).
- **3.** Received **Maulana Abul Kalam Azad Excellence Award of education -2020** from Prof.Anil D.Sahasrabudhe, Chairman,AICTE,Ministry of Education, India organized by **AICTE** and Shikshak Kalyaan Foundation, New Delhi.
- 4. 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 8th November 2020.
- 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.
- 6. 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 15th,2020 by Novel Research,Academy,Division of Swertia publications, Govt. of India.
- Received Best teacher award for Zero investment innovations for education initiatives (ZIIEI) from Education minister Sri Ramesh pokhariwal on 30th Sepetember, 2019 in Delhi for giving innovative teaching ideas, organised by Sri Aurobindo Society co sponsored by HDFC bank.

- 8. Won 1st Prize DST (SERB) sponsored two day national level seminar on held in Jayamukhi college of Pharmacy on 20th & 21st September 2019 with a theme of NMR techniques and its applications in pharmaceutical sciences topic entitled "A review on NMR based Metabolomics"
- 9. Selected for "InSc HOD of the Year Award 2019"
- **10. Best Young HOD of the Year Award (Below 40 Years)** in "Global Education and Corporate Leadership Awards (GECL-2018)"
- 11. Outstanding Reviewer for the Journal entitled "Sports and Exercise Medicine Open Journal" for the year 2018
- 12. Recognized as Regular reviewer from "Journal of Taibah University of Sciences (Taylors & Francis)"
- University 2nd Rank in M.Pharm Exam. In Biju Pattnaik University Of Technology, Orissa in 2008
- University 4th Rank in B.Pharm Exam. In Biju Pattnaik University Of Technology, Orissa in 2005
- 15. Selected as Procurement Inspector in OSCSC, Govt. of Odisha in 2012
- 16. 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 th June, 1982
Gender	: Male
Language Proficiency	: English, Hindi, Bengali,Oriya,Telugu
Marital Status	: Married
Phone Number	: 09550741536, 09396772373
Email	: sahoo.nalini@gmail.com,

Course	Institute	Board / University	Year	Result
Post doctoral	Ton Duc Thang	Ton Duc Thang	2023	Awarded
Research	University, Vietnam	University, Vietnam		
Ph.D	School of	Siksha "O"Anusandhan		
(Pharmaceutical	Pharmaceutical	University,BBSR,	2010	Awarded
Analysis)	sciences,	Orissa	Regd.	(16/09/2015)
	Bhubaneswar,Orissa			
M.Pharmacy	College of	B.P.U.T,Rourkela		
(Pharmaceutical	pharmaceutical	Orissa		C.G.P.A-
Analysis &	sciences, Mohuda,			9.26
Quality	Berhampur		2008	(87%)
Assurance)				
B. Pharmacy	College of	B.P.U.T,Rourkela		
	pharmaceutical	Orissa		
	sciences, Mohuda,		2005	76.6%
	Berhampur			
H.S. (10+2)	S.V.M College,	C.H.S.E , Orissa		
	Jagatsinghpur, Orissa		1999	74.33%
H. S. C	Purohitpur high	Board of Secondary		
	school, Jagatsinghpur,	Education, Orissa		
	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, Andhra University &
- 2) Dr.Goutam Ghosh, Siksha "O" Anusandhan University, Bhubaneswar, Odisha.

Professional certificate course completed:

- Completed course in "Statistical reasoning and algorithms in Pharmacovigilance" (SRAP), Uppsala Monitoring Centre, Sweden"
- 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 30th April,2020 by USFDA.

- Worked as QA Executive, Shilpa Medicare Pvt.Ltd. Raichur,Karnataka from 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.
- 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, Rangareddy from 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) Working as Professor 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 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- 02 (Ongoing):

 Mr. Prachet Pinnamaneni (Bioanalytical method development and validation of some selected drugs in plasma /serum by LC-MS/MS), SRMIST, Delhi-NCR campus. 2. Mr.Harsh Rastogi (Formulation and Characterization of anti epileptic drugs incorporated in the form of Nano-spherical Nasal Spray), SRMIST, Delhi-NCR campus

UG students: 25 students

PG students: 14 Students

Publications:

Four international books and Sixty seven 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

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 time member 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:

1. Title: Determination of IC50 value of tyrosinase enzyme by the give RT4 Blend

Sponsor: RANCOR CLINICAL 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:

1. 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

2. 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

3. **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 psychodynamic therapy

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:

- 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

- 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 SYNDROME OMICRON 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. 362219001

Design Grant

Date of filing of Application: 02/04/2022

Date of Grant: Awaited

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

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 Proceedingspp.1-328. (ISBN: 978-93-95632-87-4)
- Introduction to Pharmacology ,Ramdas Bhat, Dr. S Rehan Ahmad, Dr. Bapu D. Kamble, Dr. Nalini Kanta Sahoo ,Good writers Publishers, 19 January 2023.
- 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 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, 9 7 8 0 3 2 3 9 9 7 1 4 0, eBook ISBN: 9780323997157.(Elsevier)

Details of Publications (Research and review articles):

- 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
- 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.
- 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 spectophotometric 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.
- 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)

- 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.P39-43, 2014. (SJR I.F-0.49)
- Nalini Kanta Sahoo, Madhusmita Sahu, Podilapu Srinivasa Rao and Goutam Ghosh. Extraction and quantification of Lornoxicam in Human Plasma by liquid chromatographytandem 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.Sandhya Rani, 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, Springer plus, 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. (I.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 chromatographytandem 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 murraya koenigii 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.
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- 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
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- **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. (IARC I.F-0.702)
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- 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 Algarsamy*. 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 Croscarmelose 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.

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- 37. Chinmaya keshari sahoo, Nalini kanta Sahoo, Surepalli Ram Mohan Rao, Muvvala Sudhakar, 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.
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- **39.** *Nalini Kanta Sahoo*, Cancer Breakthrough Pain Management Using Short Acting Fentanyl, Journal of Pharmacy and Drug Development,1(1),2019,pp.1-2.
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- 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.
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- **51.** *S. Jyothi Sri, Nalini Kanta sahoo*, *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)

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- 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.
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- 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.** *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)
- 61. 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)
- **62.** *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.
- **63.** *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.

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64. 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)

Proceedings published:

- Eminence of pharmacy practice and advancement in Pharmaceutical & health sciences, NFPS Conference Proceeding ,Scholars Academic Journal of Pharmacy,7(10),2018,pp.1-111.
- 9th 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).
- 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.
- 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 8th March 2014.
- Comparative evaluation of antidiarrhoeal activity of aqueous extract of root, stem and leaf of murraya koenigii in castor oil induced diarrhoea in rats, 66th IPC, Jan.2015, Hyderabad.
- 4. Presented an oral talk "Recent advancements in bioanalytical on technologies"Pharma accentuate organized Omega college by of Pharmacy, Ghatkeswar, 11th March, 2015.
- Attended National seminar on "Current trends on pharmacovigillance and clinical trials" organized by Syncorp clinicare technologies pvt.Ltd., 19th February,2016.
- Presented an oral talk on "Bioanalytical methods application on metabolite study" Pharma accentuate organized by Omega college of Pharmacy, Ghatkeswar, 11th March, 2016.
- 7. Presented poster on an international symposium on pharmacogenomics and pharmcoeonomics 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 26th July 2016.**
- Attended 1st International conference on " Current research in effective methodology of pharmaceutical and life sciences" organized by NFPS ,ABIDS, Hyderabad on 14th 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 2nd International pre-conference work shop on "Pharmacovigilence: Adverse drug monitoring and orphan drugs" with training vigiflow software" organized by Anurag Group of Institutions on 15th and 16th 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 10th September, 2018.
- 12. Attended as an advisory board for the International conference on "Innovative technologies in recent research" (ICITRR'19) organized by Yazhli 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 20th & 21st September 2019 (Won 1st Prize).
- 14. Attended as an advisory board on behalf of Endling conferences for the 2nd International conference on Innovation in Drug Development and Clinical Research held in VIPER, Hyderabad on Feb.17th & 18th,2020.
- 15. Attended online AICTE sponsored "workshops on Intellectual property rights" conducted by Pandit Deendayal Petroleum University with collaboration of IPPO on 10th and 11th April, 2020.
- 16. Attended online International work shop on "Creating a smart learning Environment" conducted by International Institute of Health sciences (IIHS), Srilanka on 18th 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 mukhopadhayay organized by Pandit Deendayal Petroleum University on 06/05/2020.
- 27. Attended online workshop on "Reviewing literature-session 4" by Prof.Padeep kumar mallik 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 worldconcepts,treands 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 16th, 17th and 23rd.

- 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 18th to 22nd 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.Meena Chintamaneni organized by School of Pharmacy and technology management ,SVKM'S NMIMS ,Hyderabad campus on 30th 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 19th May to 30th 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 10th 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 Pharmaceutial sciences,ulsterUniversity,United kingdom on 6th 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,25th 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 2nd October,2020.
- 44. Participated in international webinar entitled "Artificial intelligence in health care" ,LORDS University, Alwar on 3rd 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 Pharmaceutical sciences" sponsored by Power finance corporation, New Delhi organized by Devsthali vidyapeeth college of pharmacy, Roorkee from 18-22nd 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 11th January,2021.
- 48. Attended national level faculty development program on "Research methodology" organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya from 26th April to May 1st, 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 15th June to 19th 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 31st 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 2nd May to May 7th, 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:

- As key note speaker on International conference on " Current research in effective methodology of pharmaceutical and life sciences" organized by NFPS ,ABIDS, Hyderabad on 14th October, 2017.
- As a patron speaker on 1st 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 18th August,2018.
- 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 31st August 2019 at Coimbatore, Tamilnadu, India.
- 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,Maharastra & Indian Pharma Educational society (IPES) on 15th & 16th May,2020.

- Delivered a talk as resource person invited by Saradchandra Pawar college of Pharmacy,Otur,Pune on the 10th 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 "Developement of newer biomarkers and early prognosis of drug induced hepatotoxicity through NMR based metabolomics approaches" invited by Conference series, United Kingdom on June 18th & 19th, 2020.
- Delivered a talk on 9th 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.
- 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 "Developement of newer biomarkers and early prognosis of drug induced hepatotoxicity through NMR based metabolomics approaches" invited by Conference series, London on November 28th, 2020.
- 12. Delivered a talk in an "International webinar on Research methodology organized by Institute of Research and Journals" on 21st December,2020.
- 13. Delivered a talk in the United conference of Drug development and Industrial Pharmacy as an **International keynote speaker topic entitled** "Developement 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 7th, 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 "Biomolcular analytical techniques (BIA Techniques)" organized by HELICS GROUP scientific networks, Germany on June 28th-30th, 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 7th & 8th 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 11th November, 2021.
- 20. Delivered a talk in 2nd 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 12th 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 9th February,2022.

P.G dissertations guided:

Name of the student	Торіс			
A. Tejasree	Stability Indicating Method Development And Validation Of Ciprofloxacin And Fluocinolone In Pharmaceutical Dosage Forms By Using New Rp-Hplc Method			
B.Sravani	A New Method Development And Validation For Simultaneous Estimation Of Atorvastatin And Ramipril In Tablet Dosage Forms By Rp-Uplc Method			
D.Kamalesh	A New Rp-Hplc Method Development And Validation For Simultaneous Estimation Of Metformin And Canagliflozin In Pharmaceutical Dosage Form			
G.Nagavardhini	Development And Validation Of Stability Indicating Hplc Method For Esimation Of Related Substances In Fosamprenavir Calcium			
Gattu Koushik	A New Rp-Hplc Method Development And Validation For Estimation Of Sofosbuvir In Pure And Its Tablet Dosage Forms			
Jala Shivakumar	Stability Indicating Method Development And Validation For The Simultanious Estimation Of Tizanidine And Nimusulide By Using Rp-Hplc			
Korutla Sai Krishna	New Rp-Hplc Method Development And Validation For Estimation Of Raltegravir Pure And Tablet Dosage Forms			
M. Padmavathi	A New Method Development And Validation For Simultaneous Estimation Of Quinapril And Tolcapone In Tablet Dosage Form By UPLC Method			
M.Rajesh	A New Rp-Hplc Method Development And Validation For Simultaneous Estimation Of Methydopa And Hydrochlorothiazide In Pharmaceutical Dosage Form			
M.Yamuna	A New Rp-Hplc Method Development And Validation For Simultaneous Estimation Of Formeterol Fumarate And Budesonide In Pharmaceutical Dosage Form			
Meghawath Swathi	Method Development And Validation For The Simultaneous Estimation Of Tenofovir And Emtricitabine Using Uplc In A Bulk And Pharmaceutical Dosage Forms			
Miriyala Ganga Bhavani	New Rp Hplc Method Development For The Simultaneous Estimation Of Glycopyrrolate And Formoterol Fumarate In Pharmaceutical Dosage Form			
M. Priyanka	A New Analytical Method Development And Validation For Simultaneous Estimation Of Gemcitabine And Capecitabine In Tablet Dosage Form By Using UPLC Method			
R.Rajitha	A Newer Rp – Hplc Stability Indicating Method Development And Validation Of Darunavir In Its Bulk And Formulation			
R.Jamuna	Analytical Method Development And Validation For The Simultaneous Estimation Of Sofosbuvir And Ledipasvir In Drug Product By Rp-Hplc			

Name of the	Торіс			
student				
B. SPANDANA	Phytochemical Screening And Antioxidant Activity Studies Of Some			
	Fruits And Vegetables Extract And Estimation Of Various Metals Using			
	Flame Phometer And Icp - Oes			
B.Raju	Development And Validation Of Rp-Hplc Method For The			
	Determination Of Metformin And Nateglinide In Bulk And Combined			
	Tablet Dosage Form			
D.HARINI	Method Development And Validation For The Estimation Of			
	Doxorubicin Hcl By RP-HPLC Method			
K.VIJAYALAXMI	A New RP-HPLC Method Development And Validation For			
	Simeltaneous Estimation Of Lamivudine, Tenofovir Disoproxil			
	Fumarate, Efavirenz In Pure And Its Tablet Dosage Forms			
Mehnaz	Astabilityindicating Rp-Hplcmethodforsimultaneous			
	Estimationofemtricitabineandtenofoviralafenamide			
	Fumarateintabletdosageforms			
N.ASHA JYOTHI	Method Development And Validation For The Estimation Of			
	Pemetrexed Disodium Hepta Hydrate By RP-HPLC Method			
Girija	Analytical method development and validation of some anti cancer			
	drugs by using RP-HPLC			
Padmasree	Quantitativeanalyticalmethoddevelopmentfor The analysi of multi-			
	Classneurotransmitters By LC-MS/MS			
PENUMUDI SRI	Stability Indicating RP-HPLC Method For Simultaneous Estimation Of			
JYOHTI	Sofosbuvir And Velparasvir			
Bandita Mishra	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			

2018:

Name of the student	Торіс
B.Swathi	Analytical method development and validation of Roxatidine by using RP-HPLC
D.Yasmeen	Analytical method development and validation of Trifluperazine Hcl by using RP-HPLC
G.Divya	Analytical method development and validation of Atazanavir and ritonavir by using RP-HPLC
M.Sangeetha	Stability Indicating RP-HPLC Method For Simultaneous Estimation Of clonidine And chlorthalidone
M.Sreeteja	Analytical method development and validation of Nateglinide and metformin by using RP-HPLC
N.Bhavya	Analytical method development and validation of some anti cancer drugs by using RP-HPLC

Organized Guest lecturers:

- 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.
- 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.
- 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.
- Topic entitled "Pharmacovigillance an Overview" By By Mr.Shakti Ranjan Rath M.Pharm, Senior Medical Writer-I, Novartis Healthcare Services (Pvt.) Ltd. Hyderabad on 14/11/2015.
- 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.
- 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, Gratisol Labs,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.Madish kumar and Vamsi Krishna, Dr.Reddy's Lab., Hyderabad on 22/10/2016.
- 11. Topic entitled "Beautiful world of small things" By Dr.Amit Asthana, Principal Scientist, CCMB,Hyderabad on 25/10/2016.

- 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.
- Topic entitled "Medical coding as a career for pharmacy students" By Dr.Joseph Abraham, M.Pharm,Ph.D , Managing director, Quest medicode, Hyderabad on 15/12/2016.
- 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, Gachi Bowli, 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.Sachin Kumboje, 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.Santosh Kumar 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 17th & 18th, 2019.

Natio	tional /International webinars orga	nized	as	an	Organizing
secretary					
1.	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 Webinar series-2 (Pharma Converse) Topic entitled: Ethnopharmacological Research & Drug development 				
2					
2.					
	Speaker: Dr.Lokesh Deb, Scientist D, Institute of Bioresources & sustainal				
	development (IBSD), Gangtok, Sikkim				
	Date: 30/06/2020 Time-6 PM to 7 PM				
3.	3. Webinar series-3 (Pharma Converse)				
Topic entitled: Quality by design-Benefits and challenges					
Speaker: Dr.Ranjit Barshikar, 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 dru				cal sciences
					Covance drug
	development, India, Date: 14/07/2020 Time-11 A	M to 12	Noon		
5.	5. Webinar series-5 (Pharma Converse)				
Topic entitled: Status of Vaccination for COVID-19 Speaker: Dr.Ananya Chakraborty , Professor & HOD,Pharmacology, Vydehi Institu of Medical sciences & research center					
					Vydehi Institute
	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					ications
	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.Vinay D.Joshi, Dr.Reddy's Lab., 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

Professor, Dept.of Pharma Analysis

NIPER, Hyderabad

Telangana,India

Email: aa@ccmb.res.in Mobile: 09666244410

(2) Dr.B.N.Sinha, M.Pharm, Ph.D

BITS, Mesra, Jharkhand, India

Email: bnsinha@bitsmesra.ac.in

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(3) Dr.Ajay Gaur,

Principal scientist,

LACONES, CCMB

Mobile: 09391343979

Email: agaur@ccmb.res.in

CURRICULUM VITAE

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: **Delhi-NCR**

Dr.Nalini Kanta Sahoo