

## CURRICULUM VITAE

**Dr Naira Nayeem, M. Pharma, PhD**

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Faculty of Pharmacy, Northern Border University, Rafha, Saudi Arabia

### **EDUCATION**

**Ph.D. 2012, (Pharmaceutical Chemistry) Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India**

**M.pharma 2002, (Pharmaceutical Chemistry) Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India.**

**B.Pharma. 1991, Bangalore University, Govt of Karnataka, India.**

- **Additional qualification:**
- Completed the NCBE web-based online course conducted by the National Committee of BIOETHICS at KASCT, Saudi Arabia.
- Diploma in Hospital Management from All India Institute of Management Studies, Chennai. India
- NMR spectroscopy: Principles and application to biological systems from India Institute of Science, Bangalore, India

**Google Scholar Id:** <https://scholar.google.com/citations?user=sbFHYWcAAAAJ&hl=en>

**Scopus Id:** 16679335000

**ORCID Id:** <https://orcid.org/0000-0001-6184-0724>

**Research Gate Id:** [https://www.researchgate.net > profile > Naira-Akmal](https://www.researchgate.net/profile/Naira-Akmal)

**Experience till date:** 33 years

**Instruments handled:** UV, IR, and HPLC

### **Techniques known:**

1. Identification of plants
2. Isolation and characterization of phytoconstituents
3. Chromatographic techniques
4. Pharmacological evaluation of isolated compounds and plant extracts
5. Anti-microbial evaluation
6. Analytical method development & validation
7. Synthesis of chemical compound

## **PROFESSIONAL EXPERIENCE:**

- Currently working as **Assistant Professor** in the Department of Pharmaceutical Chemistry, Faculty of Pharmacy ,Northern Border University, Saudi Arabia, From 1.11.2013. Worked as **Vice Dean** at Krupanidhi College of Pharmacy, Bangalore; India, from 30.09.2012 to 25.10.2013, **Professor and Head of the Department of Pharmaceutical Chemistry** from 30.11.2010 to 25.10.2013, as **Assistant Professor** from 1.10.2007 to 30.11.2010, as **selection grade lecturer** 1.10.2003 to 30.9.2007, **senior lecturer** from 01.2.2000 To 30.9.2003, as **lecturer** from 20.11.1991 to 31.1.2000.
- **Exam Chief, Deputy Chief, Observer, Verification officer, Question paper setter, Reviewer, Internal Examiner, External Examiner and Valuator** for Rajiv Gandhi University of Health Sciences and Board of Examining Authority, Govt of Karnataka, India
- Recognized **postgraduate teacher** and guide in Pharmaceutical Chemistry, Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore, Govt of Karnataka, India.
- **Member of Local Inspection Committee** – Rajiv Gandhi university of Health Sciences, Karnataka. India
- **External examiner:** MGR University, Govt of Tamil Nadu, India.

## **Professional interest:**

Teaching, guiding and orienting under graduate and postgraduate students in the area of pharmaceutical chemistry specially Phytochemistry, Medicinal and Analytical Chemistry.

## **ADMINISTRATION:**

As a **Vice dean** was in charge of the following activities at Krupanidhi College of Pharmacy, Bangalore; India

- In charge of all curricular activities and extra-curricular activity.
- Prepare documents for submission to apex bodies like Pharmacy council of India, All India Council of Technical Education, Rajiv Gandhi University of Health Sciences and Board of Education Authority.
- To fulfill academic needs of Pharma D, Post Baccalaureate, M Pharma ,B Pharma and D Pharma
- Coordinate with the different Departments of College of Pharmacy for smooth functioning of the organization

## **ACADEMIC EXPERIENCE:**

### **At Northern Border University, Rafha, Saudi Arabia**

- Teaching Medicinal Chemistry, Pharmaceutical Organic Chemistry, Pharmaceutical analytical Chemistry, Quality Control, Drug Design and Development,
- Member of accreditation committee for NCAAA
- Member of exam committee
- Member of Task force committee
- Supervising graduate students for their graduation projects.

### **At Krupanidhi College of Pharmacy, Bangalore; India**

- Teaching Medicinal Chemistry, Pharmaceutical organic chemistry, Quality control, Drug design and development, Natural product chemistry, Modern pharmaceutical analysis for Masters in Pharmacy, Pharma D and B Pharmacy.
- Supervising research projects for Masters in Pharmacy
- Supervising research projects for Pharma D

## **RESEARCH EXPERIENCE**

**Research Interest:** Phytochemistry, Medicinal, synthetic and Analytical Chemistry

### **Research projects completed (75)**

<b>Sl no</b>	<b>Type</b>	<b>Number</b>	<b>Designation</b>
1	DSR, Northern Border University	21	Principle investigator/co- investigator
2.	Pharma D	28	Supervisor
3	Master in Pharmacy (M Pharma)	15	Supervisor
4	Master in Pharmacy (M Pharma)	09	Co-Supervisor
5	PhD	01	-
6	Master in Pharmacy	01	-

### **Publications:**

<b>Sl no</b>	<b>Type</b>	<b>Number</b>
1	Scientific Publications	87
2.	Chapter	01
3	Book	01
4.	Published / filed patent applications	03

## **RESEARCH PROJECTS:**

- **PhD project:** “Phytochemical analysis and pharmacological screening of *Tectona grandis* for wound healing activity”.
- **M Pharma project:** “Synthesis and Evaluation of Anti-microbial activities of some new sulfonamide derivatives”

## **Projects Sponsored by Dean Scientific Research, Northern Border University (21)**

- **Principal investigator:** Influence of plant matrix, solvent polarity and extraction technique on phytochemical profile and invitro biological activity of *Ziziphus nummularia* (Sidr) grown in Rafha, Saudi Arabia. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. grant PHAR-2023-12-2308.)
- **Co-investigator:** Synthesis and Cyclooxygenase-2 Inhibitory Activity Evaluation of Some Pyridazine Derivatives. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. PHAR- PHAR-2023-12-2272)
- **Principal investigator:** Impact of growth stages on phytoconstituents, HPLC analysis and invitro biological activity of *Rumex vesicarius* grown in Rafha, Saudi Arabia (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. PHAR-2022-11-1543)
- **Co-investigator:** Anti-oxidative burst, cytotoxicity and ADME studies of thiourea compounds (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no PHAR-2022-11-1492)
- **Co-investigator:** In silico studies-assisted design, synthesis, and discovery of biologically active isatin derivatives (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. PHAR-2022-11-1393)
- **Co-investigator:** Fabrication and characterization of nanosuspension formulation of diosmin for enhanced oral delivery. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. 7760-PHM-2018-3- 9-F).
- **Co-investigator:** Physicochemical characteristics, anti-lipase and antioxidant activities of polysaccharide extracted from *Astragalus spinosis* grown in the Northern region of Saudi Arabia (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no 8298-PHM-2019-1-10-F)
- **Principal investigator:** Development and validation of analytical method for determination of an important flavonoid in *Malva neglecta*. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no.7937-PHM-2018-3-9-F)
- **Principal investigator:** Physicochemical evaluation and chromatographic studies of *Plantago lanceolata* grown in Northern Border Province, Saudi arabia(Sponsored by Dean Scientific Research, NBU , Northern Border University, KSA. Grant no 7716-PHM-2018-3-9-F)
- **Co-investigator:** Preparation and in vitro anticancer activity evaluation of some coumarin derivatives. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. 7658-PHM-2018-3- 9-F).
- **Co-investigator:** Design, synthesis and biological evaluation of novel prodrug of Alendronate (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. 6999-PHM2017-1-7-F)

- **Co-investigator:** Biochemical investigation and development of HPLC method for *Tacrolimus* (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. 7017-PHM-2017-1-7-F)
- **Principal investigator:** HPTLC analysis and in vitro biological activity of *Dodonaea viscosa*. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no 7343-PHM-2017-1-8-F)
- **Principal investigator:** Phytochemical screening of extracts of *Malva neglecta* and evaluation of their biological activity. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no 7307-PHM-2017-1-8-F).
- **Co-investigator:** Development, Physico-Chemical Characterization and Antifungal Activity of Nano-Sized Particles of Posaconazole (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no.7247-PHM-2017-1-8-F)
- **Principal investigator:** Phytochemical investigation and in-vitro biological activity of *Sonchus oleraceus* and *Lactuca serriola* (Sponsored by Dean Scientific Research Northern Border University, KSA. Grant no NO.6991-PHM2017-1-7-F)
- **Principal investigator:** Effect of seasonal and geographical variation on the phyto-constituents and medicinal properties of *Tribulus terrestris* (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no.4721-PHM-2016-1-6-F)
- **Co-investigator:** Molecular modeling studies and synthesis of some benzimidazole derivatives as angiotensin converting enzyme inhibitors. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no.4673-PHM-2016-1-6-F)
- **Co-investigator:** Research Design, synthesis, and anti-inflammatory activity of novel quinazolines (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no.4682-PHM-2016-1-6-F)
- **Principal investigator:** Phytochemical analysis and pharmacological screening of some plants of Rafha, Northern Border Province, Saudi Arabia. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no.3-2-1436-5)
- **Co-investigator:** Synthesis and antihypertensive activity of some novel pyridazinones. (Sponsored by Dean Scientific Research, Northern Border University, KSA. Grant no. 3/3/1436/5)

### **Pharma D Project as Supervisor (28)**

Sl no	Name of the student	Topic	year
1.	Ms Bashayer Mohan Al Shammari	Assessment of pharmacist awareness, knowledge and attitude of angiotensin-converting enzyme ( ACE ) inhibitors.	2014-2015
2.	Ms Fahima Nada Alenzi	cross sectional study of public awareness about herbals and their interactions with drug	2016-2017
3.	Ms Salimah Ayed Shammari	A study on public awareness about slimming drugs and herbals	2016-2017
4.	Ms Sukayna Ali Al-Rumaid	Pharmacist Role In Counseling The Patient Regarding The Use Of Inhalers	2016-2017
5	Ms Fai Ageel	A questionnaire based study to assesses diabetes related knowledge, attitude and practice among diabetics and	2016-2017

		non-diabetics for awareness of health promotions	
6	Ms Atheer Owaid Alanzi	Knowledge and awareness about glaucoma and attitude towards screening among Saudi people	2017-2018
7	Ms Eman Soodi Alshammari	Assessment of self-medication practice among university students in Saudi Arabia	2017-2018
8	Ms Rawabi Mohammad Abdulrahman	Effect of statins on HbA1c in diabetic patients: Retrospective single center experience	2017-2018
9	Ms Fatima Abdullah Saleh	Effectiveness and safety of Linagliptin compared with Sitagliptin in patients with type 2 diabetes inadequately controlled on metformin: Retrospective cohort study	2017-2018
10	Ms.Nawal Mubarak Al shammari	Public knowledge , attitude and practices regarding the use of paracetamol/ acetaminophen (panadol) in Northern Border Region-Saudi Arabia	2018-2019
11	Ms.Seham Al Shammari	Knowledge awareness and practice of Saudi females in Northern Region towards breast cancer screening.	2018-2019
12	Ms.Layla Zahir Al Enzi	Knowledge ,prevalence and practice of Saudi population regarding helicobacter pylori infection in Al Madina Al Munawarah	2018-2019
13	Ms Sara Mohamed alenzi	Knowledge, attitudes and practices of Saudi people about nutritional supplement: cross sectional study	2019-2020
14	Ms Amal Ghannam Abdullah Alanazi	Misuse of topical steroids among Saudi people in northern border region- Saudi Arabia	2019-2020
15	Fahda Milfe Alanazi	Public knowledge, attitude and practices toward importance of vitamin d and its deficiency in Saudi Arabia	2019-2020
16	Ms Hussah Khlaife Alshmmari	Risk Factors and Outcomes of Bloodstream Infections Caused by Multi-Drug Resistant Enterobacteriaceae	2020-2021
17	Ms Maha Lafi Alshammari	Awareness, knowledge, attitude toward migraine and its prevalence in eastern region-KSA	2020-2021
18	Ms Maram Mutlaq A Alanazi	Awareness of obesity and its prevalence in northern border region-Saudi Arabia	2020-2021
19	Ms Rawan Turki Alanazi	Adverse drug reactions in patients with cardiovascular diseases at a tertiary care hospital (cardiac center) in Riyadh	2020-2021
20	Seham Saud Fadawi Alshammari	Knowledge, beliefs and practices of hypothyroidism patients about their illness: A cross sectional study in Northern Border Region	2021-2022
21	Ms Shatha Saud Alanzi	Awareness, attitudes and practices of pharmacists in Saudi Arabia toward adverse drug reactions and pharmacovigilance	2021-2022
22	Ms Hanin Saif K Alanazi	Knowledge, awareness and attitudes of Saudi people about mental illness	2022-2023
23	Ms Rahaf hajea	Knowledge and awareness of pharmacists about Sitagliptin in Northern Border Region	2022-2023

24	Ms Shahad Badr D Alrwiliy	Musculoskeletal and ear complications of Diabetes mellitus: Cross sectional study of patient's real experiences	2022-2023
25	Ms Majd Salamah S Aljumail	Extent of awareness and knowledge about skin cancer in Saudi society	2023-2024
26	Manal Saud Alshammari	Public awareness about Dyslipidemia and lipid panel in Northern Border Region- Saudi Arabia	2023-2024
27	Ms Shumukh Inad Alanazi	Awareness and attitudes about irritable bowel syndrome in Northern Border Region- Saudi Arabia	2023-2024
28	Ms Nouf Mohammed Alshammari	Extent of awareness and knowledge about skin cancer in Saudi society	2023-2024

#### **Master in Pharmacy projects-(24)**

Sl no	Name of the student	Topic	Guide/Co-guide	Year
1.	Shruthi Menon	Quantitative estimation of para hydroxy benzoic acid and para hydroxybenzaldehyde in <i>Vanilla planifolia</i> pods by HPTLC	Supervisor	2013
2.	Shushmita .T	Phytochemical analysis of the leaves of <i>Tecoma stans</i> by using HPLC and HPTLC techniques.	Supervisor	2013
3.	Sagar banik	A new Method development and validation for estimation of ellagic acid from <i>Terminalia bellerica</i> extracts by HPLC.	Co-Supervisor	2013
4.	Raghu.V B	A rapid ICP-MS screening method for heavy metals in pharmaceutical compounds	Co-Supervisor	2013
5	Snehalatha Cheedala	Method development and validation for the simultaneous estimation of anti-retroviral drugs by RP- HPLC technique.	Co-Supervisor	2013
6.	Sirisha P.	Method development & validation of statins in marketed products using HPLC technique	Supervisor	2012
7.	Shaik Rehana	Method development and validation of determination of impurities in Deferastox	Supervisor	2012
8	Krishna B.V	Phytoconstituents in <i>Acyranthes aspera</i> by using HPLC and HPTLC.	Supervisor	2012
9	Jaya Hanisha C.	Quantification of Analytical method validation of Glatiramer acetate injection by HPLC.	Supervisor	2012
10	Mahati T.	Analytical method development and validation for simultaneous estimation of anti-influenza drugs by RP-HPLC method	Supervisor	2012
11.	Alekya G.	RP-HPLC method development and validation of	Supervisor	2012

		some selected anti-diabetic drug in bulk and its pharmaceutical dosage form and their bio-analytical studies		
12	Prashant S.	Method development and validation for the estimation of Febuxostat tablets	Supervisor	2011
13	Kiran Kumar T	Analytical method development and validation of Irbesartan, a hypertensive drug.	Supervisor	2011
14	Ashok M K	Method development and validation for the simultaneous estimation of tamsulosin hydrochloride –finasteride	Co-Supervisor	2011
15	Induru Swathi	Method development and analysis of anti-tubercular drugs by using HPLC	Co-Supervisor	2011
16	Shashi Rekha	Method development and analysis of anti-hypertensive drugs by using HPLC	Co-Supervisor	2011
17	Rama Bhargavi	Method development and validation for the simultaneous estimation of anti-viral drugs by RP-HPLC technique.	Co-Supervisor	2011
18	Priyanka P.	Method development and validation for simultaneous estimation of Tenofovir-Lamuvodine by HPLC	Supervisor	2010
19	VenkataKanaka Durga	Method development and validation for analysis of impurities and related substances in Statins using HPLC.	Supervisor	2010
20	Hardik M. Rank	Process validation of active pharmaceutical ingredient used in gastrointestinal disorders.	Supervisor	2010
21	Vivek M	Method development and analysis of anti-diabetic drugs by HPLC.	Co-Supervisor	2010
22	P.Sirisha	Method development and validation for the analysis of risedronate sodium and calcium carbonate using RP-HPLC technique.	Co-Supervisor	2010
23	Jain Vikas V B,	Method development & validation of statins in pharmaceutical dosage form using HPLC technique”	Supervisor	2009
24	Bharat V. Aghera	Process validation of active pharmaceutical ingredients for cardiac use.	Supervisor	2009

## PUBLICATIONS

**Book: Naira Nayeem**, Mohammed Imran. Medicinal plants of Northern Border Province, Saudi Arabia: A Glimpse. Weser books, Germany.2022

**Book Chapter:** Nudrat Fatima, **Naira Nayeem** (2016). Toxic Effects as a Result of Herbal Medicine Intake, Toxicology - New Aspects to This Scientific Conundrum, Dr. Marcelo Larramendy (Ed.), InTech, DOI: 10.5772/64468. Available from: <http://www.intechopen.com/books/toxicology-new-aspects-to-this-scientific-conundrum/toxic-effects-as-a-result-of-herbal-medicine-intake>Issn no: 978-953-51-2717-8



### **Published / filed patent applications (03)**

- Mohd. Imran, Abida, **Naira Nayeem**, Tauquir Alam, Novel pyridazinone derivatives and process for their preparation, PCT International Publication Number WO2019/202607A1
- Mohd Imran, Abida Ash Mohd, Hamdy Khamees Thabet, Md Afroz Bakht, Syed Mohammed Basheeruddin Asdaq, **Naira Nayeem**, Md Tauquir Alam, Muhammad Wahab Amjad, Maria Abdul Ghafoor Raja, AlAnood Waslullah T. AlHajji, Pyridazine-based Pyridine Derivatives As Biologically Active Agents, US Patent Application Number-18/481,991 (Filing date October 5, 2023).
- Mohd Imran, Abida Ash Mohd, **Naira Nayeem**, Malik Homoud, Muhannad Thafi Alshammari, Northern Border University. System to Synthesize Pyridazine Derivatives as Cyclooxygenase-2 Inhibitors and Evaluate Inhibitory Activity of the Derivatives. German Utility Patent Application Number 202023105805.1 (Filing date October 18, 2023).

### • **Paper publications: (87)**

- **Naira Nayeem**, Samreen Samroo, Mohd Imran and Nawaf M. Al-Otaibi (2024). Influence of plant matrix, solvent polarity and extraction technique on phytochemical profile and in vitro biological activity of *Ziziphus nummularia* (Burm. f.) Wight and Arn. grown in Rafha, Saudi Arabia. Ann. Phytomed., 2024;13(1):1000-1007. 10.54085/ap.2024.13.1.108
- Samreen Soomro, Aleya Khalaf Alshammari, Ryoof Saleh Almutrafi, Qamar Alshammari, Amani A.A., Mashael Alanazi and **Naira Nayeem** (2024). Marrubin natural immunomodulator: Studies on the suppressive effect on phagocytic nitric oxide and pharmacokinetic prediction. Ann. Phytomed., 2024;13(1):793-798. 10.54085/ap.2024.13.1.83
- Hashmi SF, Saleem H, Khurshid U, Khurshed A, Alam MT, Mohd Imran, Abida, **Nayeem N**, Gill M S A. Genus Berberis: A comprehensive and updated review on ethnobotanical uses, phytochemistry and pharmacological activities Chem Biodivers .2024 Jun 26:e202400911 <https://doi.org/10.1002/cbdv.202400911>
- AlOmeir O, Almuqbil M, Hussam Alsawadi A, Mohamed Genedy A, Fawaz Almutairi A, Talal Alaydaa H, Alanazi SA, Alabdan N, Alshakrah M, Gilkaramenthi R, Asdaq SMB, **Nayeem N**. An exploration of factors influencing the selection of generic and innovator medicines in Saudi Arabia using an observational cross-sectional study. Saudi Pharm J. 2024; 32(4). <https://doi.org/10.1016/j.jsps.2024.102021>
- Nayak A, Raju, R, Das, P, Das, S.,,.,. **Nayeem, N**, Asdaq, S et al. Ibuprofen with Amino Acid Dipeptide Conjugation: A Novel Prodrug for the Management of Alzheimer's Disease Complications. Inter J Pharmacol. 2024; 20 (1): 62 – 71. [10.3923/ijp.2024.62.71](https://doi.org/10.3923/ijp.2024.62.71)
- Nayak A, Raju R, Das P, Das K, Suvitha A, Ranjan Meher B, Alobid S, Almoteer AI, Almadani ME, Alshehri A, Alghamdi A, Ahmad F, Rabbani SI, Asdaq SMB, Nayeem N. Novel ibuprofen prodrug: A possible promising agent for the management of complications of Alzheimer's disease. Saudi Pharm J. 2024 Jan;32(1):101888. doi: 10.1016/j.jsps.2023.101888.

- Imran M, Mohd A. A, Nayeem N, Al-Otaibi N. M, Homoud M, Alshammari M. T. Synthesis and Cyclooxygenase-2 Inhibitory Activity Evaluation of Some Pyridazine Derivatives. *Orient J Chem* 2023;39(5)
- Samreen Soomro , Sibghatullah Sangi , **Naira Nayeem**. Anti-oxidative burst, cytotoxicity and ADME studies of thiourea compounds . *Pharmacophore*. 2023;14(2):97-105
- **Naira Nayeem**, Mohd. Imran , Samreen Soomro .Impact of growth stages on phytoconstituents, HPLC analysis and invitro biological activity of *Rumex vesicarius* grown in Rafha, Saudi Arabia *Pharmacophore* . 2023;14(3):15-22
- Mohd Imran, Abida Ash Mohd, **Naira Nayeem**, Saleh Ibrahim Alaqel. In silico studies-assisted design, synthesis, and discovery of biologically active isatin derivatives. *Trop J Pharm Res*, June 2023; 22(6): 1264
- **Nayeem N**, Mohd. Imran, S. Mohammed Basheeruddin Asdaq et al., Total phenolic, flavonoid contents, and biological activities of stem extracts of *Astragalus spinosus* (Forssk.) Muschl. grown in Northern Border Province, Saudi Arabia, *Saudi J Bio Sci* .29(3)2022: 1277-1282
- Anurag Chaudhary, Ritu Tomar, Syed Mohammed Basheeruddin Asdaq, Mohd Imran,..... **Naira Nayeem**. In silico screening of phytochemicals as potential inhibitors of sars-cov-2 mpro and human ace-2. *Inter J Pharmacol*. 18(1):104-115, 2022. 10.3923/ijp.2022.104.115
- Asdaq SMB, **Nayeem N**, Abida, Alam T, Alaqel SI, Mohd. Imran et. al. *Tectona grandis* L.f: A comprehensive review on its patents, chemical constituents, and biological activities. *Saudi J Bio Sci*, 29 (3), 2022: 1456-1464 <https://doi.org/10.1016/j.sjbs.2021.11.026>
- Asdaq SMB, Rabbani SI, Alkahtani M, Aldohyan MM, Alabdulsalam AM, Alshammari MS, Alajlan SA, Binrokan A, Mohzari Y, Alrashed A, Mohd Imran, **Nayeem N**. Patent Review on the Therapeutic Application of Monoclonal Antibodies in COVID-19. *Int. J. Mol.Sci*. 2021, 22, 11953.
- **Naira Nayeem**, Asdaq SMB, Abdulhakeem SA, Alsani WF, Alhomrani M, Mohzari Y. Wound healing potential of *Dodonaea viscosa* extract formulation in experimental animal 2021 *J King Saud Uni – Sci*. 33(5):101476.
- Ben Khaled , **Nayeem N**. Physicochemical Characteristics, Anti-Lipase and Antioxidant Activities of Polysaccharide Extracted from *Astragalus spinosis* Grown in the Northern Region of Saudi Arabia. *J Pharma Res Inter*.2021; 33(43A): 514-526.
- Asdaq SMB, Venna S, Mohzari Y, Alrashed A, Alajami HN, Aljohani AO, Mushtawi AAA, Alenazy MS, Alamer RF, Alanazi AK, **Nayeem N**. *Cucumis melo* Enhances Enalapril Mediated Cardioprotection in Rats with Isoprenaline Induced Myocardial Injury. *Processes*. 2021; 9(3):557.
- Mujtaba MA, Eltaib L, **Nayeem N**, and Hassan KAM: Fabrication and characterization of nanosuspension formulation of diosmin for enhanced oral delivery. *Int J Pharm Sci & Res* 2021; 12(2): 1143-48.

- Alshrari AS, **Nayeem N**, Alreshidi M A, Imran M. Antimicrobial and Antioxidant Screening of The Solvent Extracts of The Leaves and Stem of *Sesuvium Portulacastrum*. *Pharmacophore* 2020; 11(4):5-10.
- Asdaq SMB, Alajlan SA, Mohzari Y, Asad M, Alamer A, Alrashed AA, **Nayeem N**, Nagaraja, S. COVID-19 and Psychological Health of Female Saudi Arabian Population: A Cross-Sectional Study. *Healthcare* 2020, 8(4), 542.
- **Naira Nayeem**, Mohd. Imran, Hayet MK .Physicochemical evaluation and chromatographic studies of *Plantago lanceolata* grown in Northern Border Province, Saudi Arabia. *Inter J Pharma Phytopharma Res.*2020;10 (5):136-141.
- **Naira Nayeem**, Nasir Ali Siddiqui, Mohd. Imran , Bader Alsuwayt .HPTLC Analysis And In Vitro Biological Activity of *Dodonaea Viscosa* .*Pharmacophore*, 10(6) 2019, 1-8
- **Naira Nayeem**, Mohd. Imran, Mohammad Ali Mujtaba. Development and Validation of Analytical Method for Determination of an Important Flavonoid in *Malva neglecta*. *J Pharma Res Inter.*2019; 31(6): 1-8. SDG Publishers 2019-11-30
- Mohd Imran, **Naira Nayeem**, Abdul Hakim Bawadekji. Posaconazole: A Pharmaceutical Review. *J North Basic App Sci.*2019;4 (2):109-123
- Mohd. Imran, Abdulhakim Bawadekji, **Naira Nayeem**. Preparation and in vitro anticancer activity evaluation of some coumarin derivatives. 2019, *Pharmacophore*, 10(4): 8-14.
- **Naira Nayeem**, Mohd Imran, Bader Alsuwayt. Phytochemical Screening Of Extracts Of *Malva neglecta* And Evaluation Of Their Biological Activity, 2019, *Res J Pharm Bio Chem Sci.* 10(1) 457-463
- Mohd. Imran, **Naira Nayeem**, Abdulhakim Bawadekji .Development, Physico-Chemical Characterization and Antifungal Activity of Nano-Sized Particles of Posaconazole.2018, *Res J Pharm Bio Chem Sci*, 9(5): 2405-
- **Nayeem N**, Imran M. Phytochemical investigation and in-vitro biological activity of *Sonchus oleraceus* and *Lactuca serriola*. *Inter J Bio Pharma Alli Sci*, May, 2018, 7(5): 688-697
- **Nayeem N**, Imran M, Abida, Alam T .Physicochemical screening, thin-layer chromatographic studies and UV analysis of *Lactuca serriola*. *Inter J Bio Pharma Alli Sci.*, May, 2018, 7(5): 732-739
- Mohd. Imran, **Naira Nayeem**, Mohammad Ali Mujtaba. Design, Synthesis and Biological Evaluation of Novel Prodrug of Alendronate .*Inter J Pharma Phytopharmacol Res.* 2018; 8 (3) :12-17
- Ishraga Eltayeb M. A-Elbasit, Mohd. Imran, **Naira Nayeem**. Biochemical investigation and development of HPLC method for Tacrolimus. *Indo Amer J Pharma Sci.* 2018, 05 (04), 2274-2280.
- **Naira Nayeem**, Mohd Imran, Abdulhakim Bawadekji .Flavonoids: A Potential Group of Phytoconstituents against Mycobacterial Infections. *J North Basic App Sci.* (2018/1439 H), 3 (1): 44-60

- Mohd Imran, **N.Nayeem**, S.A.El.Feki, A.Bawadekji. Benzimidazole derivatives; an important scaffold for the the development of newer angiotensin receptor antagonist. J North Basic App Sci.. 2017, 2(2); 126-138.
- **Naira Nayeem**. Influence of altitude on the phytoconstituents and anti-oxidant activity of the leaves of *Tectona grandis*. Indo Amer J Pharma Sci. 2017, 4 (10): 3919-3922 Publisher:Zenodo October 23, 2017
- **Naira Nayeem**, Mohd. Imran, Said A. El-Feky. Effect of seasonal and geographical variation on the phytoconstituents and medicinal properties of *Tribulus terrestris* . Indo Amer J Pharma Sci ,4 (5): 1045-1051 ,2017.
- El-Feky S. A, Imran M, **Nayeem N**. Design, Synthesis, and Anti-Inflammatory Activity of Novel Quinazolines. Orient J Chem 2017;33(2).
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- Mohd Imran, **Naira Nayeem**. Synthesis and Antihypertensive Activity of Some Novel Pyridazinones. Orient J Chem .32(1).267-274;
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- **Naira Nayeem**, Karverkar MD. Comparative Anti-Oxidant and Anti-Bacterial Activity Screening of the Isolated Compounds from the Leaves of *Tectona Grandis*. J Bas Clin Pharm, 2011, 2(4):163-165. (Available online).
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- **Naira Nayeem**, Karvekar MD. Stability studies and evaluation of the semi solid dosage form of the rutin, quercitin, ellagic acid, gallic acid and sitosterol isolated from the leaves of *Tectona grandis* for wound healing activity. Arc App Sci Res, 2011; 3(1):43-51. (Available online).
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- **Naira Nayeem**, Karvekar MD. Wound healing: A review. Inter J Appl Bio Pharma Tech. 2010; 1(3):1369-77. (Available online).
- **Naira Nayeem**, Mohammed Asad, Rohini RM. Questionnaire based survey to understand the needs of the present day pharmacist. Ind J Pharm Prac, 2010, 3(4):51-55(Available online).
- **Naira Nayeem**, Karverkar MD. Comparative Phytochemical and Pharmacological Screening of the Methanolic Extract of the Frontal and Mature Leaves of *Tectona Grandis*. Inter J Phar Bio Sci. 2010; 1(3):1-6. (Available online).
- **Naira Nayeem**, Karverkar MD. Isolation of Phenolic Compounds from the Leaves of *Tectona Grandis*. Res J Pharma, Bio Chem Sci.2010; 1(2):221-225.(Available online).
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- Rohini RM, Saraswathi, **Naira Nayeem** "Synthesis and evaluation of Mannich bases of benzimidazo [1, 2-c] quinazolin- 6(5H)-thione for antimicrobial activity. Pak J Pharma Sci.2010; 23(4):459-62.
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- **Naira Nayeem**, Rohini RM, Basheeruddin asdaq, Amit Kumar das. Wound healing activity of the hydro alcoholic extract of *Ficus religiosa* leaves in rats. Internet J Alter Med. 2009. 6 (2)(Available online).
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## PRESENTATIONS

### Conference/Seminar presentations: (22)

- Anti-oxidative burst, cytotoxicity and ADME studies of thiourea compounds.SIPHA,22-24 January 2024
- "Anti-oxidant activity of *Sonchus oleraceus* and *Lacuta serriola* grown in Rafha Saudi Arabia". 3<sup>rd</sup> Annual pharmacy scientific conference 2023—Riyadh
- "HPLC analysis and antimicrobial activity of Malva Neglecta (Khebaizia) grown in Rafha Saudi Arabia .3<sup>rd</sup> Annual pharmacy scientific conference 2023-Riyadh
- "Effect of plant stages on the anti-inflammatory activity of *Rumex vesicarius* "27<sup>th</sup> April. Conference on recent advances in pharmaceutical sciences, IIMT Pharmavation 2023 ,Greater Noida, India
- "Effect of geographical variation on the invitro anti-inflammatory activity of *Rumex vesicarius*" ( Humaidah). 2<sup>nd</sup> Dec 2021 at KSAPT ,Al Khobar, Saudi Arabia

- “Effect of plant stages on the anti-oxidant activity of “*Rumex vesicarius*” ( Humaidah). Symposium on CME “Designing pharmacotherapy plan for special population”, 12<sup>th</sup> March 2019 at Northern Border University. Rafha, KSA.
- “Nutrition Support: A boon for the geriatric patients”. Symposium on CME “Designing pharmacotherapy plan for special population”. 12<sup>th</sup> March 2019 at Northern Border University. Rafha, KSA.
- “Medication errors: an overview”. Continuous Medical Education (CME) symposium, 27<sup>th</sup> Dec 2017 at Rafha Central Hospital, Saudi Arabia.
- “Pharmacovigilance Focus on Saudi Arabia”. Continuous Medical Education (CME) symposium on "ethical and regulatory aspects of pre-clinical and clinical research", 25<sup>th</sup> April 2017 at Rafha Central Hospital ,Saudi Arabia.
- “Effect of *Punica granatum* Rinds Dried Powder on Wound Healing in Albino Rats of Wistar Strain” ,Global Pharmaceutical and Medical Research Conference (GPMRC) 2017, 14<sup>th</sup> - 15<sup>th</sup> April 2017, Dubai, UAE
- “Formulation and evaluation of the methanolic extract of *Caesalpinia pulcherrima* leaves for its wound healing activity” IPC 2013 New Delhi India
- “Anti-microbial activity of some Mannich’ bases synthesized from sulphonamides and benzothiazole derivatives”. National Symposium on “Recent Trends in Pharmaceutical Research”, 10<sup>th</sup> & 11<sup>th</sup> March 2012. Kadapa. Andhra Pradesh. India.
- “Communication Apprehension: A drawback among Pharmacy undergraduates”. Indian Pharmaceutical Congress, 17<sup>th</sup> & 18<sup>th</sup> March. 2012 , Manipal University, Manipal.
- “A study on consumer awareness and utilization of herbal shampoos”. Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on “Standardization and Quality Control of Herbal Cosmetics”, 3<sup>rd</sup> March 2012, Bangalore.
- “Phytosomes: novel approach in herbal drug delivery in cosmetics”. Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on “Standardization and Quality Control of Herbal Cosmetics”, 3<sup>rd</sup> March 2012, Bangalore.
- “Herbal remedies for acne vulgaris: A review”. Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on “Standardization and Quality Control of Herbal Cosmetics”, 3<sup>rd</sup> March 2012, Bangalore.
- “Total phenolic acids, condensed tannins and anti-oxidant activity of the methanolic extract of the leaves of *Coffea robusta*”. 16<sup>th</sup> - 18<sup>th</sup> December, 63<sup>rd</sup> Indian Pharmaceutical Congress, Bangalore. 2011.
- “Needs of the present day pharmacist: A pilot study”. 16<sup>th</sup> - 18<sup>th</sup> December, 63<sup>rd</sup> Indian Pharmaceutical Congress, Bangalore 2011.
- “Anti-tubercular activity of some Mannich bases of Sulphonamides and Benzothiazole derivatives”. 16<sup>th</sup> - 18<sup>th</sup> December, 63<sup>rd</sup> Indian Pharmaceutical Congress, Bangalore 2011.
- “Evaluation of *Sida cordifolia*. Leaves extract during isoproterenol induced myocardial damage in rats”. National Conference on “Current bio-analytical Techniques, 5<sup>th</sup> -7<sup>th</sup> Feb 2009, Bangalore.
- “Evaluation of wound healing activity of *Ficus religiosa* leaves in animals”. Feb 26<sup>th</sup> - 28<sup>th</sup>, International Herbal Conference, 2009, Bangalore.
- “Herbal drug interactions”. Feb 26<sup>th</sup> -28<sup>th</sup> International Herbal Conference, 2009, Bangalore.



### As speaker:

- ❖ **Invited speaker: “Factors influencing the biosynthesis of secondary metabolites in medicinal herbs”** presented during Faculty Development Program entitled Innovation, learning and research scenario in Pharmaceutical sector-A changeover at Galotia’s College of Pharmacy, India from 15<sup>th</sup> July to 19<sup>th</sup> July 2024.
- ❖ **Keynote speaker: “Influence of various environmental factors on the secondary metabolites in medicinal plants”** presented in 2<sup>nd</sup> International conference on Biological Research and Applied Sciences 12<sup>th</sup> January; 2022. Karachi, Pakistan.
- ❖ **Speaker: “Advance technologies in diabetic care and treatment”** presented in a continuous medical education (CME) symposium on Recent advances in the treatment of Diabetes Mellitus, conducted at Rafha Central Hospital, Saudi Arabia. 27<sup>TH</sup> Dec 2016
- ❖ **Speaker: Standardization and quality control of herbal drugs.** 3<sup>rd</sup> Feb 2017, CME, College of Pharmacy, Northern Border University, Saudi Arabia
- ❖ **Speaker: Phytochemical screening and pharmacological screening of some plants of Rafha,** Saudi Arabia 27<sup>th</sup> June 2014. Pharmacy scientific club activity at Faculty of Pharmacy, Northern Border University.
- ❖ **Speaker: “Role of plant phytoconstituents and fingerprinting in herbal drug standardization”** presented to Masters of Pharmacy Students in a symposium conducted at Samskruti College of Pharmacy, Hyderabad, Andhra Pradesh. India. 2<sup>nd</sup> April .2011
- ❖ **Resource person: “Trouble shooting in Chromatography Techniques”** presented to Masters of Pharmacy Students in a Short-term training programme in Spectroscopy and Chromatography Techniques. Sponsored by Department of Bio Technology, Govt of India. August, 2009. Bangalore.

### RELATED ACTIVITIES

#### (A) Workshops/seminars/webinars/conferences attended: (49)

- **Faculty Development Programme .Cutting edge technologies in pharmaceutical sciences ,**27<sup>th</sup> June to 1<sup>st</sup> July 2023, IIMT College of Pharmacy, Greater Noida ,India
- **Recent advances in pharmaceutical sciences,** IIMT Pharmavation 2023 ,Greater Noida, India 27<sup>th</sup> April 2023
- **Understanding practice school & its concept in UG Pharmacy education,** Pharmacy council of India, 23<sup>rd</sup> May 2020
- **Synthia, retro synthesis-coded by chemist for chemist.** KLE college of pharmacy, 6<sup>th</sup> July 2020 (webinar)
- **Safe disposal of expired and unused medicines,** Society of Pharmaceutical Sciences and Research ,21<sup>st</sup> May 2020
- **Rheumatoid Arthritis with cardiology challenges,** Saudi heart foundation, 29<sup>th</sup> May 2020 ( webinar)
- **Regulatory mechanism and response of Omega 3 fatty acids and relationships with vitamin D,** Indian Pharmaceutical Association. 30<sup>th</sup> June 2020

- **Impact on Pharma & Healthcare Industry post COVID19 Pandemic:** clintech solutions, Hyderabad 29th May 2020( webinar)
- **Meet the pain expert :Holistic approach to manage your patients,** Saudi heart foundation, 5<sup>th</sup> June 2020(live webinar)
- **Nanomedicine in the spotlight :unlock your PK** ,Association of Pharmaceutical Teachers of India, 15<sup>th</sup> June2020( webinar)
- **Leadership in higher education** ,Ramesh Institute of Vocational &Technical education,India.13<sup>th</sup> June2020( webinar)
- **Iron deficiency anemia in heart failure,** Saudi Heart Foundation 13<sup>th</sup> May 2020(live webinar)
- **Immunity is the best solution to combat emerging viral diseases: the role of food and nutrition in improving immunity** ,The Saudi Society of Food and Nutrition, 7<sup>th</sup> June2020( webinar)
- **Hyperkalemia,** Saudi Heart Foundation 8<sup>th</sup> May 2020(webinar)
- **Herbal remedies for emerging and resistant viral infections** ,Association of Pharmaceutical Teachers of India, June2020( webinar)
- **Enzyme Inhibitory Natural Products as promising Frameworks in drug for R&D.** Association of Pharmaceutical Teachers of India,7<sup>th</sup> July 2020( webinar)
- **1st EFMC-YSN Med Chem Bionline,** European Federation for Medicinal Chemistry, 26<sup>th</sup> May 2020 ( webinar)
- **Meet the expert: Echocardiography services in congenital heart disease patients during Covid -19 Pandemic** Saudi heart foundation 12<sup>th</sup> May 2020(live webinar)
- **Defeat Covid,** Gulf Medical University ( webinar)
- **Covid -19 awareness and management.** GIPS, Dehradun,India ( webinar)
- **Fundamentals of assigning authorship and contributorship and insights into open access publishing,** Enago academy 10<sup>th</sup> June 2020( webinar)
- **Cardiology challenges how to tackle** ,Saudi Heart Foundation15<sup>th</sup> May 2020(live webinar)
- **Animal testing history and alternate methods,** KLE college of Pharmacy,Bangalore.7<sup>th</sup> July 2020( webinar)
- **Evidence Based Medicine for Clinical Practice,** ClinicalKey 07<sup>th</sup> April, 2020 at Northern Border University. Rafha, KSA.
- **Defeat covid-19 be a champion,** 25<sup>th</sup> April, 2020 at Northern Border University. Rafha, KSA.
- Workshop on **FTIR-Introduction and demonstration** 30<sup>th</sup> Jan 2019 at Northern Border University. Rafha, KSA.
- Symposium on CME **designing pharmacotherapy plan for special population. pediatrics geriatrics , pregnancy and lactating women,** 12<sup>th</sup>March 2019 at Northern Border University. Rafha, KSA.
- Symposium during CME on **“Research methodology”** 13<sup>th</sup> Nov 2018 at Northern Border University. Rafha, KSA.
- Workshop on **"Blackboard training"** on 31st Jan 2018 at Northern Border University. Rafha, KSA
- Workshop on **Compact titrator and its applications,** 31st Oct 2017, Northern Border University. Rafha, KSA

- User & Operation Training Course of **Compact Titrator Model-G20S**-Manufactured by Mettler Toledo –Swiss on 25<sup>th</sup> sept 2016, Northern Border University. Rafha, KSA
- Work shop on **E-courses design using Lectora Inspire-12**, 11th -13th Nov 2016, Northern Border University. Rafha, KSA
- Workshop on **Learning Management System and E-learning** 17th Aug 2016, Northern Border University .Rafha, KSA
- Workshop on **Pharmacokinetics and Nonmem** on 13<sup>th</sup> April 2015, Northern Border University, Rafha, KSA
- Workshop on **Principles and Applications of Radiopharmacy**, 12<sup>th</sup> April 2015; Northern Border University Rafha, KSA
- Workshop on **Problem Based Learning** 10<sup>th</sup> May 2015; Northern Border University Rafha, KSA
- Workshop on **Clinical Trials** 21<sup>st</sup> Dec 2014; Northern Border University Rafha, KSA
- Pharmaceutical chemistry Day: "Pharmaceutical chemistry and Pharm D Program" 9<sup>th</sup> Dec 2014 Northern Border University, Rafha, KSA
- Workshop on **EBSCO and AskZad** 15<sup>th</sup> Jan 2014 Northern Border University , Rafha, KSA
- Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on **IPR and regulatory guidelines for herbal drugs**, 23<sup>th</sup> March 2013, Bangalore
- Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on **Application of Spray Drying in Formulation and Production Technology Field**, 17<sup>th</sup> March 2012, Bangalore
- Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on **Standardization and Quality Control of Herbal Cosmetics** , 3<sup>rd</sup> March 2012, Bangalore
- **63rd Indian Pharmaceutical Congress**, 16<sup>th</sup> -18<sup>th</sup> Dec, 2011, Bangalore.
- International conference on **Current Status and Future Perspective in Pharmaceutical Sciences** conducted by All India Council of Technical Education, 9<sup>th</sup> - 20<sup>th</sup> August, 2011, Bangalore.
- National seminar on **Standardization and Evaluation of Herbal Drugs** sponsored by Rajiv Gandhi University of Health Sciences, Karnataka, 3<sup>rd</sup> Dec 2010. Bangalore.
- National workshop on **Developing Quality Monographs for Pharmacopoeia for Herbs and Herbal products**. Conducted by National Medicinal Plant Board, Association of Pharmaceutical Teachers of India and Indian Pharmaceutical Congress. 4<sup>th</sup>- 5<sup>th</sup> September 2009, Bangalore.
- **Spectroscopy and Chromatography Techniques**. Short term training programme Sponsored by Department of Bio technology. 27<sup>th</sup> July-8<sup>th</sup> August, 2009. Bangalore. **International Herbal Conference**, conducted by Association of Pharmaceutical Teachers of India and All India Council of Technical Education 26<sup>th</sup>-28<sup>th</sup> February. 2009, Bangalore.
- National Conference on **Current trends in Bio-analytical Techniques** conducted by All India Council of Technical Education. 5<sup>th</sup> -7<sup>th</sup> Feb 2009, Bangalore.
- **Pharmaco-vigilance and Drug Safety Conference**, conducted by society of Pharmacovigilance (India), 11<sup>th</sup>-12<sup>th</sup> November, 2006, Bangalore.

- **“Research methodology, Biostatistics and Ethical aspects of Research”** conducted Rajiv Gandhi University of Health Sciences, Karnataka, 25<sup>th</sup>-26<sup>th</sup> August 2004.

### **(B)Organizational skills:**

- **Chairperson, Venue committee**, Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on “Application of Spray Drying in Formulation and Production Technology Field”, 17<sup>rd</sup> March 2012, Bangalore.
- **Organizing secretary**, Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on “Standardization and Quality Control of Herbal Cosmetics” , 3<sup>rd</sup> March 2012, Bangalore
- **Member of Souvenir committee**, International Herbal Conference, conducted by Association of Pharmaceutical Teachers of India and All India Council of Technical Education .26<sup>th</sup> 28<sup>th</sup> February. 2009, Bangalore
- **Member of Venue committee**, National Conference on “Current bio-analytical Techniques, sponsored by All India Council of Technical Education. 5<sup>th</sup> -7<sup>th</sup> Feb 2009, Bangalore.
- **Convener for Inaugural and Plenary Sessions**, Pharmaco-Vigilance and Drug Safety Conference, conducted by Society of Pharmaco-vigilance (India). 11<sup>th</sup>-12<sup>th</sup> November, 2006, Bangalore
- **Member of Cultural Committee**, Association of Pharmaceutical Teachers of India, Annual National Convention, 2006, Bangalore.
- **Chairman of Cultural Committee**, Krupanidhi College of Pharmacy.

### **(C) Reviewed for the following journals: (26)**

- ✚ Asian Journal of Advances in Medical Science
- ✚ South African Journal of Botany
- ✚ Food and Humanity
- ✚ Journal of Defective Disorders
- ✚ Current Topics in Nutraceuticals Research Journal
- ✚ Saudi Pharmaceutical Journal
- ✚ Saudi Journal of Biological Sciences
- ✚ Journal of King Saud University: Science
- ✚ Journal of Infection and Public Health
- ✚ Drug development and industrial pharmacy
- ✚ International Journal of Modern Biological Research
- ✚ International Journal of Applied Pharmaceutics
- ✚ Current Traditional Medicine
- ✚ King Abdul Aziz City for Sciences & Technology
- ✚ Journal of Medicinal Plants Research
- ✚ Journal of Basic and Clinical Pharmacy.
- ✚ International Journal of Biodiversity and Conservation.
- ✚ African Journal of Pharmacy and Pharmacological Research.
- ✚ Toxicological & Environmental Chemistry

- ✚ International Research Journal of Microbiology
- ✚ Journal of Medicine and Medical Sciences
- ✚ Mindanao Journal of Science and Technology
- ✚ Global Advanced Research Journal of Biochemistry and Bioinformatics
- ✚ Microbiology Research International
- ✚ Agricultural Science Research Journal
- ✚ International Greener Journal

#### **(D) Was/is on Editorial Board of following Journals**

- World Journal of Pharmacy and Biotechnology
- International Journal of Phytotherapy Research
- International Journal of Pharmaceutical Chemistry
- Critical Review in Pharmaceutical Sciences
- International Journal of Current Trends in Pharmaceutical Research
- International Journal of Chemistry and Pharmaceutical Sciences

#### **Others:**

**Adjucated posters: Are patients safe in our hands:** A symposium on medical errors, CME Symposium, College of Pharmacy, Northern Border University, Saudi Arabia

#### **Adjucated Phd thesis**

**Guest Editor:** For a special issue on herb drug interactions in cardiovascular diseases. Evidence Based Complementary and Alternative Medicine.

#### **(E) Awards**

Received faculty excellence award (2014-2015), Department of Pharmaceutical Chemistry, Northern Border University, Saudi Arabia

#### **PROFESSIONAL AFFILIATION**

Association of Pharmaceutical Teachers of India.

#### **LICENSURE**

Karnataka State Pharmacy council