Curriculum Vitae

1. PERSONAL DETAILS

Name (as in passport) : SHATK ABDUL RAHAMAN

Date of Birth : 27/05/1977

Address for communication : TF-3, Sai Shobana Plaza, Nehru Road, Ayyappa Nagar,

Vijayawada, Krishna (Dt), Andhra Pradesh, India.

Contact Number Mobile : 9849702527 Residence : 9885394104

Email ID : rahamanphd@gmail.com

Nationality : Indian

Passport Number & "valid till" date: L6475513 & 16/12/2023

2. OBJECTIVE/PERSONAL PROFILE

- Provide a healthy environment in work place.
- Perform and carry out well disciplined, respectful, sincere, punctual, regular, hard work in my assigned duties and job responsibility.
- Execute the employment as a most excellent and high-quality output to the working organization.
- Mobilize, motivate and co-ordinate the colleagues, teaching and non teaching staff, students for the success of organization where ever work.
- Carry out and strengthen the research work, innovative idea implementations.
- Establish and inculcate the Startup's & Entrepreneurship skills in students.
- To accomplish and achieve successful Accreditations to the working organization from reputed quality assessed accreditation bodies.
- To apply and receive grants from funding agencies.
- Carryout Extension service activities for the benefit of Society and Public.
- Build up the knowledge and confidence in professional students to lead a good life.
- Organizing National and international level Conferences, Workshops, Seminars, Exhibitions, Medical Camps, Health awareness programmes, etc.,



3. SUMMARY OF CAREER AND ACHIEVEMENTS

Myself having 19 years 2 months of Teaching and Research experience. Wherein 10 years 2 months working as Administrator and Academician (Professor). During this entire experience myself worked and hold the positions as Research Associate, Senior Lecturer, Assistant Professor, Associate Professor, Professor & HOD followed by Principal and Professor. I have published around 100 research articles in which 59 articles are published in Scopus and Web of Science indexed journals. I was authorized 5 textbooks and 2 chapters are contributed in Elsevier. I have filed and published 17 Indian Patents in Pharmaceutical Sciences. I have received and completed 82 lakh worth of grants funded by Government organizations such as AICTE, DST, ICMR, TB Association of India. I was received the awards from various organization as Young Performer award, Bharath Excellence Award, Best innovation Award, Outstanding Researcher Award, Flag Bearer Award, Best Administrator Award, Inspiring Role Model and Leader, Best Attendance Award. So far 8 doctorates, 48 PG, 88 UG and 9 Pharm D graduates are successfully completed their projects and awarded degrees. Myself is an approved Assessor to inspect the institutions for their NAAC Accreditation in India.

Being an administrator (Principal & Professor) of the institution the following achievements have been facilitated:

- (i) Institution accreditated by NAAC (National Assessment and Accreditation Council), India.
- (ii) Institution approved under UGC (University Grant Commission) 2f & 12b
- (iii) Institution secured All India National Ranking 76 -100 band in Pharmacy division.
- (iv) Established Institutional Innovation Council and carrying out novel research works.
- (v) Established IPR Cell, Startup Cell, Entrepreneurship Cell in the institution.
- (vi) More than 23 MOU's completed for the institution with various industries, Universities, Hospitals, Academic institutions.
- (vii) Successful Placements in Industries, Hospitals, Software sector, Government sector, etc., are provided to the students.
- (viii) Myself was very much co-operative and abided the rules and regulations framed by the Management.
- (ix) 100% admissions are filled in UG, PG, Pharm D programmes.
- (x) Myself was heading the position successfully because of hard work, sincerity, dedication, Commitment, Co-ordination and co-operative with all the employees.

4. EDUCATIONAL QUALIFICATIONS

A. PROFESSIONAL QUALIFICATIONS

Degree	College & University	Year	Major subject with Specialization	Dissertation/Thesis Title (if applicable)
B.Pharmacy	Nalanda College of Pharmacy & Osmania University	2000	Pharmacy	Quality Control of Tablet dosage forms
M.Pharmacy	University College of Pharmaceutical Sciences, Andhra University	2003	Pharmaceutical Chemistry	Isolation characterization and biological evaluation of marine sponges
Ph D	Acharya Nagarjuna University	2009	Pharmaceutical Chemistry	Synthesis and Biological Evaluation of Some new Chalcones and Heterocyclics containing Nitrogen
FIC (Fellow in Chemistry)	Institution of Chemists, Kolkata	2019	Chemistry	N/A

B. CONTINUING EDUCATION: COURSES, WORKSHOPS, SEMINARS, CONFERENCES - PARTICIPATED/ PRESENTEDPAPERS / CONDUCTED

S.No	Name	Year
1.	Worked as NSS Programme Officer to organize social service and health camps at Nirmala College of Pharmacy, Atmakur, Mangalagiri, Andhra Pradesh, India for a period of 4 years.	
2.	Acted as Convener for Pharma EXPO – 2011, 2012, 2014, 2015, 2016, 2017, 2018 & 2019 conducted at Nirmala College of Pharmacy on the occasion of National Pharmacy Week Celebrations in the month of November 3 rd week.	2011-2019
3.	Acted as Convener for Work Shop & Quiz in Pharmaceutical Sciences (For Burgeoning Students) organized at Nirmala College of Pharmacy, Atmakur, Mangalagiri, Andhra Pradesh, India.	
4.	Acted as Convener for National Conference on "Recent trends in drug development" organized at Nirmala College of Pharmacy, Atmakur, Mangalagiri, Andhra Pradesh, India.	· · · · · · · · · · · · · · · · · · ·
5.	Acted as Convener for 3rd Indo African Conference "Current Issues and Innovations in Pharmaceutical Research" In Association with Association of Pharmacy Professionals organized by Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh, India.	September 2015
6.	Acted as Convener for DST - SERB Sponsored National Conference & Pharma Quiz On "Advances and current trends in Pharmaceutical research and drug discovery" organized by	December,

	Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh,	
	India.	
7.	Acted as Co-Chairman for Medical Emergency department in IPC (Indian Pharmaceutical Congress)-2016 organized by IPA at Visakhapatnam, Andhra Pradesh, India.	
8.	Participated and acted as Chairman for Pharma Quiz in Asian Level Conference sponsored by Indian Pharmacology Society organized by Vijaya College of Pharmaceutical Science for Women, Vijayawada, India.	2017
9.	Acted as Convenor for National Level workshop on "SOFTWARE APPLICATIONS IN QUALITY by DESIGN (QbD) & CLINICAL DATA MANAGEMENT(CDM)" organized by Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh, India.	December,
10.	Received grant from DST-SERB and acted as Organizing Secretary to conduct National level Conference on "Innovative Approaches in Pharmaceutical Drug Discovery and Development by using QSAR methods" organized by Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh, India.	2018
11.	Participated and acted as Chairperson for UGC sponsored International Seminar on "Pharmaceutical Nanosystems-Novel Approaches and Applications" held at ANU College of Pharmaceutical Sciences, Acharya Nagarjuna University, India.	2018
12.	Participated and acted as Co-Chairperson in the AICTE sponsored National Seminar on "Biosimilars and Bioanalysis – Need of the hour for Pharmaceutical Industry" organized by Vignan Pharmacy College, Guntur, India.	October,
13.	Participated one day National Workshop on "Recent trends in	
	analytical techniques for drug discovery and Pharmaceutical drug development" jointly organized by KL College of Pharmacy, Center for Advanced Energy Studies and Department of Chemistry in association with Royal Society of Chemistry (UK) – India Deccan Local Section at KL University Vaddeswaram, Guntur, Andhra Pradesh, India.	2017
14.	Participated and underwent training programme on "Basic Life Support (BLS) / Advanced Cardiac Life Support (ACLS)" conducted as per the current American Heart Association (AHA) Guidelines organized by Dr.Ramesh Health & Educational Society at Nirmala College of Pharmacy, Mangalagiri, India.	November, 2017
15.	Participated and donated blood at Nirmala College of Pharmacy organized by HDFC Bank Ltd & Government Blood Bank, Guntur, India.	
16.	Participated as delegate in National Seminar on "New Trends in Drug Metabolism & Pharmacokinetics in Preclinical Research" organized by KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh in association with APTI-AP State Branch, India.	December, 2017
17.	Attended integrated Pulse Polio Programme organized by Government of Andhra Pradesh, Government Hospital, Mangalagiri, Andhra Pradesh, India.	

18.	Participated as delegate in the "Sensitization Programme on	
10.	I.B.Pharm & I. M. Pharm Regulations" held at Chebrolu	
	Hanumaiah Institute of Pharmaceutical Sciences organized by	February,
	Indian Pharmaceutical Association in association with Pharmacy	1 2012
	Council of India & Acharya Nagarjuna University, India.	
19.	Participated as delegate in National Seminar on "Drug Delivery	16 th
	Aspects of Biological/Macro Molecules" held organized by	February,
	KVSR Siddhartha College of Pharmaceutical Sciences,	2018
	Vijayawada, Andhra Pradesh	
20.	Participated as delegate in National Seminar on "3D Printing of	23^{rd}
	Pharmaceuticals" organized by Hindu College of Pharmacy,	February,
	Guntur, India.	2018
21.	Attended integrated Pulse Polio Programme organized by	11 th March,
	Government of Andhra Pradesh, Govt.Hospital, Mangalagiri, India	
22.	Participated as delegate in DST Sponsored National Conference	
	on "Exploring New Vistas in Applying Chemistry for Pharma	
	and Nutraceutical Industry Challenges and Opportunities"	2018
	organized by Vignan Pharmacy College, Guntur, India.	
23.	Participated and received felicitation from World Wide Edu	
	Consultants in the programme "Foreign Education, Scope,	13 th April, 2018
	Opportunities" at DV Manor Hotel, Vijayawada, Andhra Pradesh,	2010
	India.	
24.	Participated in RBPT (Research Based Pedagogy Tools)	1 94th - 96th
	workshop organized by IISER, Pune, British Council, DBT	
25.		September, 2018
25.	workshop organized by IISER, Pune, British Council, DBT (Department of Biotechnology) at Ibiza Hotel, Kolkata, India.	September, 2018 21st
25.	workshop organized by IISER, Pune, British Council, DBT (Department of Biotechnology) at Ibiza Hotel, Kolkata, India. Received a certificate from AICTE to establish IIC (Institutional	September, 2018 21st
25. 26.	workshop organized by IISER, Pune, British Council, DBT (Department of Biotechnology) at Ibiza Hotel, Kolkata, India. Received a certificate from AICTE to establish IIC (Institutional Innovation Council) at Nirmala College of Pharmacy, Mangalagiri,	September, 2018 21st November, 2018
	workshop organized by IISER, Pune, British Council, DBT (Department of Biotechnology) at Ibiza Hotel, Kolkata, India. Received a certificate from AICTE to establish IIC (Institutional Innovation Council) at Nirmala College of Pharmacy, Mangalagiri, India.	September, 2018 21st November, 2018
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26.	workshop organized by IISER, Pune, British Council, DBT (Department of Biotechnology) at Ibiza Hotel, Kolkata, India. Received a certificate from AICTE to establish IIC (Institutional Innovation Council) at Nirmala College of Pharmacy, Mangalagiri, India. Acted as Chair person for MUR. Naidu Scientific Session in National level Conference organized by AM Reddy Memorial College of Pharmacy, Narsaraopet, Guntur(Dt), Andhra Pradesh, India Acted as Convenor for ICMR sponsored workshop on "Newer diagnostic modalities and therapeutics in Cancer" organized by	September, 2018 21st November, 2018 2/02/2019
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26. 27. 28.	workshop organized by IISER, Pune, British Council, DBT (Department of Biotechnology) at Ibiza Hotel, Kolkata, India. Received a certificate from AICTE to establish IIC (Institutional Innovation Council) at Nirmala College of Pharmacy, Mangalagiri, India. Acted as Chair person for MUR. Naidu Scientific Session in National level Conference organized by AM Reddy Memorial College of Pharmacy, Narsaraopet, Guntur(Dt), Andhra Pradesh, India Acted as Convenor for ICMR sponsored workshop on "Newer diagnostic modalities and therapeutics in Cancer" organized by Nirmala College of Pharmacy, Andhra Pradesh, India. Acted as Convener for International conference on "Exploring novel strategies and therapeutics in pharmacy practice" organized by our Nirmala College of Pharmacy in collaboration with Findlay University, USA and Pharmacon Society, Hyderabad, India.	2018 21st November, 2018 2/02/2019 20th & 21st June, 2019 17th & 18th December, 2019.
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	Pharmacy, Karpagam Academy of Higher Education, Tamil Nadu, India.	
31.	Acted as Resource Person and delivered a presentation on	29^{th}
	"Orientation on Graduate Pharmacy Aptitude Test (GPAT) and	•
	Career Prospects in Pharmacy" in National Webinar organized	2020
	by Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh, India.	(Saturday)
32.	Acted as Resource Person and delivered a presentation on "NEP-	10 th April,
	2020 (National Educational Policy-2020-The way forward" in	2021
	National Webinar organized by Nirmala College of Pharmacy,	(Saturday)
	Mangalagiri, Andhra Pradesh, India.	
33.	Acted as Resource Person and delivered a presentation on	25 th June,
	"Design and Development of Nano Herbal Formulations" in	2021(Thurs
	AICTE Sponsored ATAL – FDP organized by Nirmala College of	day)
	Pharmacy, Mangalagiri, Andhra Pradesh, India.	
34.	Acted as Resource Person and delivered a presentation on "De	<i>3</i> ,
	Novo Drug Design Approach" in AICTE Sponsored ATAL - FDP	,
	organized by Roland Institute of Pharmaceutical Sciences, Odisha, India.	day)
35.	Acted as Resource Person and delivered a webinar on	29 th
	"Entrepreneurship and Innovation as career opportunity"	November,
	organized by National College of Pharmacy, Kozhikode, Kerala	2021
36.	Delivered a webinar on "Exploring and Understanding the	15^{th}
	Covid-19 pandemic: The way to succeed" as Resource person	November,
	and is organized by Andhra Pradesh State Skill Development Corporation (APSSDC)	2021
37.	Acted as Resource Person and delivered a webinar on "Importance	26 th April,
	of IPR in Research" on the occasion of World Intellectual Property	2022.
	Day 2022 organized Nirmala College of Pharmacy, Muvattupuzha, Kerala	
38.	Delivered a lecture as guest speaker on "NAAC Assessment and	25 th
	Accreditation Process" organized by Nimra College of Pharmacy,	January,
	Ibrahimpatnam, Andhra Pradesh.	2022

5. EMPLOYMENT EXPERIENCE **

Total Experience <u>19</u> A.

B. Teaching Experience (Exp. with proper designation and after the last terminal degree only to be considered)

College &	Ye	ar			Subjects/Courses	
University	From	То	Designation	Job description	Taught(UG/Grad./PG)	
KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.	June, 2005	July, 2009	Sr.Lecturer cum Assistant Professor	Teaching and Research for UG and PG courses	Pharmaceutical Chemistry-I, II (UG) Medicinal Chemistry(UG) Natural Products(UG) Pharmaceutical Analysis(UG & PG)	
Nirmala College of Pharmacy, Atmakur, Mangalagiri, Andhra Pradesh, India.	August, 2009	April, 2013	Associate Professor	Teaching and Research for UG, Pharm D and PG courses & Head of the Department, Pharmaceutical Analysis	Organic Chemistry-I & II (UG, Pharm D) Pharmaceutical Chemistry-I & II (UG, Pharm D) Natural Products(UG) Pharmaceutical Analysis(UG, Pharm D) Advanced Pharmaceutical Analytical Techniques(PG) Food Analysis(PG) Advanced Instrumental Analysis(PG)	
Nirmala College of Pharmacy, Atmakur, Mangalagiri, Andhra Pradesh, India.		Till Date	Professor & Principal	Administration: Monitoring entire institution, Coordinating the Management, HOD's, Staff, Non-Teaching, Office, Library staff, Supporting staff, Students, Alumni and Parents. Teaching & Research for UG, Pharm D, PG and Ph D programmes	Organic Chemistry-I & II (UG, Pharm D) Pharmaceutical Chemistry-I & II (UG, Pharm D) Natural Products(UG) Pharmaceutical Analysis(UG, Pharm D) Advanced Pharmaceutical Analytical Techniques(PG) Food Analysis(PG) Advanced Instrumental Analysis(PG)	

C. Clinical/ Hospital / Industrial Experience

College &	Y	ear			Subjects/Courses
University	From	То	Designation	Job description	Taught(UG/Grad./PG)
Divis Laboratories					Process R & D, Synthesis,
Limited, Divis Research	April,	May,	Research	Research and Development	Purification and
Centre, Visakhapatnam,	2003	2005	Associate	(R & D)	Characterization of
Andhra Pradesh, India.					Pharmaceutical products
Manipal Hospitals, Tadepalli, Vijayawada, Andhra Pradesh, India.	2014	Till Date	Professor & Principal	Administration: Monitoring Head for Pharm D (Doctor of Pharmacy) programme. Since collaborated with Manipal Hospital, Vijayawada, Andhra Pradesh, India.	Monitoring and establishment of Drug Information Centre, Monitoring Ward rounds of students and interns in Hospital, Design and development of Clinical and research projects, Co-ordinating the Unit Head, Medical Superintendent, Doctors and Preceptors in Manipal Hospital

D) ADMINISTRATIVE EXPERIENCE

- Myself working as Principal (Head of the institution) since May, 2013 to till date (9 yrs 2 months). During this period myself have developed and established the following:
- (i) Three new courses started namely **Pharm D, Pharm D (PB), Ph.D** (Doctor of Philosophy) in addition to the previous courses Diploma Pharmacy, B.Pharmacy, M.Pharmacy (PG) three specializations i.e. Pharmaceutical Analysis, Pharmaceutics and Pharmacology,
- (ii) Faculty ratification followed by **Permanent affiliation** inspection process successfully completed and obtained Permanent approval from with Acharya Nagarjuna University.
- (iii) Acted and Worked as BOS (Board of Studies) member two times(2014-2016 & 2019-Till date) for Pharmacy programme. In these period Syllabus updated, included and excluded the topics in each course, Grade system marks system was implemented, Ph.D syllabus for written test was prepared.
- (iv) **NAAC** (National Assessment and Accreditation Council) accreditation process was successfully completed and obtained NAAC accreditation to our Pharmacy institution.
- (v) Our institution secured **All India Level NIRF** (National Institutions Ranking Frame work) rank below 100 Rank from past four years.
- (vi) Under my supervision our institution approved under **UGC 2f & 12b** from University Grants Commission(UGC), New Delhi, India.
- (vii) We have established **Nirmala Innovation and Incubation Centre** in our institution; which was recognized by NIIC (National Institution of Innovation Council), MHRD, New Delhi, India.
- (viii) A proforma was designed and implemented in institution for faculty increments and salaries. The proforma name was prepared on the name of **Faculty Academic Performance Index** (**FAPI**).
- (ix) Faculty, Students are publishing Research articles, Patents of Research work. Around 20% publications are raised during Covid-19.
- (x) Under my administration Government sponsored grants received for a worth of 54,00,000/-(Fifty four Lakh rupees only) from DST(Department of Science & Technology), AICTE(All India Council for Technical Education), ICMR(Indian Council for Medical Research), TB Association of India.
- (xi) More than 20 **MOU's** was taken from Industries, Universities, Hospitals, Affiliated institutions, Training institutions, Software organizations, etc., to enhance the Placements, Soft skills, organizing programmes, practical skills, etc.,
- (xii) Myself conducted more than 50 programmes as Convener and administrator such as National & International Conferences, Seminars, Workshops, National Service Schemes, Medical Camps, Blood Donation Camps, Soft skill training programmes, Bridge Courses, Guest Lectures, Faculty Development Programmes, Young Scientist Award competitions, Pharma Exhibitions, Yoga, Meditation programmes, etc.,
- (xiii) Being an administrator from the past 8 years maintaining well discipline in institution, 100% admissions are filled in UG, PG and Pharm D courses, Successfully completed the all internal and external examinations.

6. A. RESEARCH INTERESTS, SKILLS AND EXPERIENCE

From the past 19 years of experience myself carried out research work and expertise on:

- Synthesis, Characterization, Biological Evaluation of Novel Heterocyclic derivatives
- Method Development and Validation of Pharmaceutical Bulk and dosage forms by using RP-HPLC, HPTLC, UV, VISIBLE, IR, LC-MS
- Expertized in structural elucidation of Natural and Synthetic compounds using data of NMR, IR, Mass, etc.,
- Design, Development of Herbal Formulations
- Isolation, Extraction and study of active constituents present in Natural products
- Design and Development of Novel compounds using Computer Aided Drug Design, De Novo
 Drug Design Approach
- Experience and expertise in Invitro, Invivo evaluations such as Anti-histaminic activity, Antihyperlipidimic activity, Anticancer activity, Antiurolithiatic activity, Antibacterial, Antifungal activities, etc.,
- Hospital administration, Evaluation of Case sheets, Preparation and reporting Hospital clinical audits, Study of Drug related problems, reporting ADR's, Study of Drug-Drug interactions.
- Design and Development of Mobile Health care Risk Assessment App's.
- Handling of almost all the instruments, equipments of Pharmaceutical Chemistry,
 Pharmaceutical Analysis, Pharmaceutical Technology, etc.,

B. PUBLICATIONS/BOOKS/BOOK CHAPTERS/PEER-REVIEWED JOURNAL ARTICLES/CONTRIBUTIONTO EDITED VOLS. EQUIV. TO PEER-REVIEWEDJOURNALS ETC.

S.N ₀ .	Title of the publication	Journal	Indexed? (Yes/No) & Published Year	PubMed/Scop us/Web of Science / Other
	Tamarind Seed Polysaccharide Mouth Dissolving films for rapid drug Release in the treatment of Hypertension: In vitro Evaluation	Research J. Pharm. and	Yes 2021	Scopus
	A Novel Stability Indicating Method for Determination of Major Alkaloid in Black Pepper by RP-HPLC in Different Pharmaceutical Dosage Forms	Pharmacognosy Research	Yes 2022	Web of Sciences
	Biotransformation of Quercetin by Aspergillus Niger from Allium Cepa.		Yes 2021	Scopus and Web of Sciences

	Datamain dian and analisada	F I1 - f	V	C 1 W-1 C
4.	Determination of residual		Yes	Scopus and Web of
	1	Pharmaceutical Sciences	2021	Sciences
	headspace gas chromatography.	I I CD I :	3 7	C 1377 1 C
5.	Antiasthmatic activity of 2-		Yes	Scopus and Web of
	piperidone by selective animal	Pharmacy	2020	Sciences
	models			
6.	A Quality by Design Approach			Web of Sciences
	of Metronidazole Bigel and		Yes	
	Assessment of Antimicrobial		2020	
	Study Utilizing Box-Behnken	Screening		
	Design			
7.	Formulation, evaluation, and			Scopus
	study of anti-urolithiatic activity	Drug Invention Today	Yes	
	of piperine syrup		2020	
8.	Current Development on			
	Chitosan-based Anti-microbial	C .	Yes	Scopus and Web of
	Drug Formulations for the	Technologies	2020	Sciences
	Wound Healing			
9.	Development and Validation of			
	Novel Stability indicating RP-			Scopus and Web of
	HPLC Method for		Yes	Sciences
	Quantification of Tolvaptan in		2020	
	Bulk and Pharmaceutical			
	Dosage Form			
10.	Development and validation of			
	stability indicating analytical		Yes	Scopus and Web of
	method for simultaneous		2020	Sciences
	estimation of Cilnidipine,			
	Chlorthalidone and Telmisartan			
	in bulk and tablet dosage form			
11.	Hepatoprotective studies of			_
	floral extracts of Gomphrena		Yes	Scopus
	serrata L. and piperic acid on	Products and Resources.	2020	
	CCl ₄ induced hepatotoxicity			
12.	Stability-Indicating RP-UPLC			
	Method for Simultaneous		Yes	Scopus and Web of
	Determination of Dolutegravir		2020	Sciences
	and Rilpivirine in Bulk and			
12	Pharmaceutical Dosage Form			
13.	Development and Validation of			W 1 CC '
	Stability Indicating Rp-HPLC		T 7	Web of Sciences
	Method for Determination of		Yes	
	Bromelain, Trypsin, Rutoside		2020	
	and Diclofenac in Bulk and			
14.	Pharmaceutical Dosage Form		3 7	
14.	In Vitro – In Vivo Evaluation of	December 1 Die	Yes	G
	Antiurolithiatic activity of		2020	Scopus
15.	piperine from <i>Piper nigrum</i>	Tech.		
13.	Prevalence and General		V	C
	Medications Utilization, Cost		Yes	Scopus
	Minimization Analysis of Drugs		2019	
	in Hepatic Impairment Patients			
<u> </u>	at A Tertiary Care Hospital			1

1.0	h			
	portulacifolium (Forssk.) Asch. ex Schweinf in carbon tetrachloride induced hepatotoxicity	Journal of Pharmacy and Pharmacognosy Research	Yes 2019	Web of Sciences
	Determination of Residual Solvents In Paroxetine by Headspace Gas Chromatography	Pharmaceutical and Clinical Research	Yes 2019	Scopus
18.	Development and Validation of New Analytical Method for the Estimation of Beclomethasone Dipropionate, Clotrimazole and Neomycin Sulphate in Bulk and Pharmaceutical Dosage Forms	Indo Global Journal of Pharmaceutical Sciences	Yes 2018	Scopus
19.	Bioanalytical Method for Dapagliflozin and Saxagliptin in Human Plasma	Pharmaceutical Education and Research	Yes 2018	Scopus
20.	Bio-analytical method development and validation of doxycycline by RPHPLC in dosage forms	Research J. Pharm. And	Yes 2018	Scopus
21.	A review of the ethnopharma- cology, phytochemistry and pharmacology of food medicine talinum portulacifolium	Life science and Pharma	Yes 2020	Web of Science
22.	Box-Behnken Design for Optimization of Formulation Variables for Fast Dissolving Tablet of Urapidil.	Asian Journal of	Yes 2018	Scopus
23.	Method development and estimation of antibiotic residues in fish tissue by RP-HPLC method	Research J. Pharm. And	Yes 2018	Scopus
24.	Method development and validation of Niraparib in plasma samples by LC-MS/MS	3	Yes 2020	Web of Science
	Stability Indicating RP-HPLC Method for Simultaneous Estimation of Reserpine, Dihydralazine Sulphate and Hydrochlorothiazide in Bulk and Pharmaceutical Dosage froms	International Journal of ChemTech Research.	Yes 2018	Scopus
26.	Detection and Quantification of Major Phytochemical Markers for Standardization of Talinum Portulacifolium, Gomphrena Serrata, Alternanthera Sessilis and Euphorbia Heterophylla by HPLC	Pharmacognosy Journal	Yes 2018	Scopus

27.	In Vitro, In Vivo Anti-asthmatic	Asian Journal of	Yes	
-/-	Studies of Talinum		2018	Web of Sciences
	portulacifolium F.	Tharmaceutics	2016	WED OF SCIENCES
28.		International Journal of	Yes	
20.	In-vivo Screening of Analgesic			C
	and Antiulcer Activity on		2017	Scopus
	Carum carvi Seeds	Research		
29.	Synthesis, Characterization and			
	Biological Evolution of		Yes	Scopus
	Nitrogenous Heterocyclic Ring	Rev. Res.	2017	
	Containing Chalcones			
30.	In vivo antiasthmatic studies &	Journal of		PubMed
	phytochemical characterization		Yes	
	on the stem extracts of		2017	
	Alternanthera sessilis L. using	<u> </u>	2017	
31.	Guinea pigs model Molecular Modeling and	International issues 1 -f		
51.	Molecular Modeling and		Vaa	Caamu-
	Docking Based Studies of Novel		Yes	Scopus
	Chalcone Skeleton Based		2016	
	Compounds on Glucosamine-6-			
	Phosphate Synthase Enzyme			
32.	Insights from molecular			
	modeling, docking and			
	simulation of imidazole nucleus	Bioinformation	Yes	PubMed
	containing chalcones with		2016	
	EGFR kinase domain for			
	improved binding function			
33.	Validated stability indicating			
	RP-HPLC method for			Scopus
	simultaneous determination of		Yes	Scopus
	atorvastatin, fenofibrate and		2016	
	folic acid in bulk and			
	pharmaceutical dosage form			
34.	Molecular docking based			
	screening of novel designed	Bioinformation	Yes	PubMed
	chalcone series of compounds		2015	
	for their anti-cancer activity			
	targeting EGFR kinase domain			
35.	Development and Validation of			
	New Analytical RP-HPLC			Web of Science
	method for the estimation of	3	Yes	
	Rivastigmine tartarate in bulk		2020	
	and Pharmaceutical dosage		2020	
	forms			
36.				
50.	Development and validation of a		V	C
	_	Der Pharmacia Lettre		Scopus
	phomtric method for cytarabine		2016	
	in bulk and Pharmaceutical			
	dosage forms			
37.	Antihyperglycaemic, Antihyper	International Journal of		
	lipidaemic and Antioxidant	Pharma and Bio	Yes	Scopus
	Assays (In Vivo) Of Nymphaea		2016	
	Pubescens Leaf Extract	_		
				I

38.	Development and Validation of			
	Newer Analytical Methods for the Estimation of Deferasirox In Bulk and in Tablet Dosage Form By UV Spectroscopy and RP –	International Journal of Chem Tech Research	Yes 2013	Scopus
	HPLC			
	Dosage Form By Stability- Indicating RP-HPLC Method	PharmTech Research	Yes 2013	Scopus
40.	Synthesis, Screening and <i>In Vitro</i> Anticancer Activity of Piperazine Nucleus Containing Novel Chalcones on Different Cell Lines	International Journal of PharmTech Research	Yes 2013	Scopus
	Scoparia dulcis Linn. against CCl ₄ induced hepatotoxicity in rats	Asian Pacific Journal of Tropical Biomedicine	Yes 2013	Scopus
	Design and Synthesis of 1- (3',5'-bis trifluoromethyl phenyl)-3-(substituted phenyl)- 2-propene-1-one as potent antifungal and antibacterial agents	Der Pharma Chemica	Yes 2013	Scopus
	Synthesis and antimicrobial activity of 1-(2",4"-dichlorophenyl)-3-(substituted aryl)-2-propene-1 ones	Life science and Pharma Research	Yes 2012	Web of Science
44.	Development and Validation of A Reverse Phase HPLC Method for Simultaneous Estimation of Rosuvastatin Calcium and Fenofibrate in Tablet Dosage Form	International journal of Pharmacy and Pharmac ceutical Sciences	Yes 2012	Scopus
45.	Synthesis, Characterization and Antimicrobial Activity of Novel Chalcones from 1-[4-(1H- imidazol-1-yl) Phenyl] Ethanone	Asian Journal of Research Chemistry	Yes 2012	Scopus
46.	Method development and validation of new analytical method for the estimation of Rosuvastatin calcium and Fenofibrate in bulk and Pharmaceutical dosage forms.	Life science and Pharma Research	Yes 2012	Web of Science
47.	Synthesis and in vitro antibacterial activity of some novel 2-amino-4,6-diaryl pyrimidine derivatives	Isalmic Republic of Iran	Yes 2011	Scopus

48.	Bioanalytical method development and validation for simultaneous estimation of Epalrestat and Pregabalin in Rat plasma and its application to Pharmacokinetics	Pharma Research	Yes 2020	Web of Science
49.	Synthesis and antihistaminic activity of novel pyrimidines	Saudi Pharmaceutical Journal	Yes 2009	Scopus
50.	Antibacterial activity of various crude extracts of Justicia tranquebariensis		Yes 2008	Scopus
51.			Yes 2020	Web of Science
52.	Formulation and Evaluation of Aceclofenac Bilayer Tablets	International Journal of Life Science and Pharma Research	Yes 2020	Web of Science
53.	Investigation and in vitro	Journal of Pharmaceutical Sciences and Research	Yes 2012	Scopus
54.	Synthesis and antihistaminic activity of novel pyrazoline derivatives	International Journal of Chem Tech Research	Yes 2010	Scopus
55.	Evaluation of Anti-Oxidant and in vitro Antioxidant Activity of Various Extracts of Scoparia dulcis L	Journal of Pharmaceutical	Yes 2012	Scopus
56.	Enhancement of dissolution properties of Valsartan by solvent deposited systems	International Journal of Life Science and Pharma Research	Yes 2020	Web of Science
57.	Assessment and Evaluation of Drug related problems in pulmonology department at a tertiary care hospital	Life Science and	Yes 2020	Web of Science
58.	intelligence in Pharmaceutical Industry: The future is here	International Journal of Life Science and Pharma Research	Yes 2020	Web of Science

C. SUPERVISION OF STUDENT RESEARCH/ PROJECTS/ MASTERS/ Ph.D.

S.No	Category	Institution (Nirmala College of Pharmacy)	Year
		(Milliala College of Friamaey)	
		Synthesis and Biological Evaluation of New	2010
		Chalcones	
		Synthesis and Biological Evaluation of Novel	2011
		Imidazoles	
		Anticancer Activity and Biological Screening of	
		some novel Fluorinated α , β -Unsaturated	2012
		Aromatic Compounds	
		Design and Antifungal and Antibacterial Activity	2013
		of newly synthesized di hydro Pyrimidines	
		Synthesis and Antifungal & anti bacterial activity	2014
		of Novel di hydro pyridines	
1 1	/ Projects (UG)	Synthesis & Biological evaluation of novel di	2015
	/ Projects (UG)	hydro pyridines	
		Anti- Urolithiatic Evaluation of Piperene	2016
		Anu- Oronanauc Evaluation of Esperene	2010
		A study of anti – histaminic activity of novel	2017
		heterocyclic compounds	2017
		Anti – Histamatic and Anti Cholinergic Activity of	2010
		Hydro Alcoholic Extract of Punica Granatum Pith	2018
		Molecular Docking Study of Anti-Ulcer Activity of	2019
		Omeprazole Derivatives	2019
		Molecular Docking Study of Anti-thyroid Drug as	2020
		Anti-Hypertensive Agent	2020
		Validation and Separation of impurity G&E in	2012
		Valacyclovir by RP-HPLC	
		Development and Validation of New Analytical	
		methods for the Simultaneous Estimation of	/(11/
		Pantoprazole and Itopride Hydrochloride in bulk	
		and Pharmaceutical Dosage Forms	
		Method Development and Validation of New	
		Analytical Methods for the Estimation of Rosuvastatin calcium and Fenofibrate in bulk and	20112
2		Pharmaceutical Dosage Forms Development and Validation of New Analytical	
		Methods for the Estimation of Ondansetron in	
		bulk and Pharmaceutical Dosage Forms	2012
		A New RP-HPLC Analytical Method Development	
		and Validation of Cytarabine in bulk and	
		Pharmaceutical Dosage Forms	2012
		Development and Validation of Risperidone by	
		Chromatographic and Spectroscopic Methods in	
		bulk and Pharmaceutical Dosage Forms in	
		Accordance with ICH Guidelines	
		Development and Validation of New Analytical	2012

Methods for the Estimation of Formoterol Fumarate and Mometasone Furoate in their Combined Dosage Form	
Development and Validation of New Analytical Methods for the Estimation of selected Cardio Vascular drugs in bulk and Pharmaceutical Dosage Forms	2012
Development and Validation of New Analytical Methods for the Estimation of Ritonavir in bulk and Pharmaceutical Dosage Forms	2012
Development and Validation of New Analytical Methods for the simultaneous Estimation of Paracetamol and Domperidone in bulk and Pharmaceutical Dosage Forms	2013
Development and Validation of New Analytical Methods for the Estimation of Terconazole in bulk and Pharmaceutical Dosage Forms	
Method development and Validation of simultaneous Estimation of Atorvastatin calcium, Fenofibrate, Orlistat in tablet Dosage Form by RP-HPLC and solubility enhancement of Atorvastatin	2013
Development and Validation of RP-HPLC and UV Spectrophotometric methods for simultaneous estimation of Ciprofloracin HCl and Tinidazole in bulk and Pharmaceutical Dosage Forms	2013
Development and Validation of New Analytical Methods for the Estimation of Rivastigmine Tartrate in bulk and Pharmaceutical Dosage Forms	2013
Development and Validation of New Analytical Methods for the Estimation of Topiramate in bulk and Pharmaceutical Dosage Forms	2013
Stability indicating RP-HPLC method for the simultaneous determination of Ofloxacin, Ornidazole, Clobetasol, Propionete, Terbinafine, Hydrocholoride, Methyl Paraben, Propyl, Paraben in bulk and Pharmaceutical Dosage Forms	2014
Anallytical method Development and Validation for the estimation of Pitavastatin Calcium in in bulk and Pharmaceutical Dosage Forms by RP-HPLC	2014
Development and Validation of New Analytical Methods for the simultaneous estimation of Simvastatin and Ezetimibe in bulk and Pharmaceutical Dosage Form	2014
Development and Validation of RP-HPLC method for the estimation of Levocetrizine Dihydrochloride Ambroxol Hydrochloride and Paracetamol in bulk and Pharmaceutical Dosage Form	2014

Development and validation of New Stability indicating RP-HPLC method for the simultaneous, estimation of Esomeprazole and Domperidone in bulk and Pharmaceutical Dosage Form	2014
Development and validation of New RP-HPLC method for the estimation of Imatinib mesilate in Pharmaceutical Dosage Form	2014
Development and evaluation of RP-HPLC method for the simultaneous, estimation of Metformin, Hydrochloride, Voglibose, and Glimepiride in bulk and Pharmaceutical Dosage Form	2015
Development and evaluation RP-HPLC method for the simultaneous, estimation of Chordiazeporide, Clidinium bromide, Dicyclomine Hydrochloride and Rabeprazol sodium in bulk and Pharmaceutical dosage forms	2015
Stability indicating RP-HPLC method for simultaneous estimation of Reserpine Dihydralizine sulphate & Hydroclorthiazide in bulk and Pharmaceutical Dosage Form	2015
Method development and validation for simultaneous estimation of Metrormin HCL, Glimopiride Atorvostatine by RP-HPLC in bulk and Pharmaceutical Dosage Form	2016
Stability indicating and evaluation of effective usage of preservative in COCOS Nusifera water using Microbiological and Analytical Methods	2016
Stability indicating and evaluation of Antibiotic Residues present Prawn Tissue using RP-HPLC Method	2016
Development and evaluation RP-HPLC method for the simultaneous, estimation of Azithromycin Fliconazole and Secnodazole in bulk and combined Dosage Form	2016
Analytical method development and validation for determination of structure related Genotoxic Impurities in Omeprazol Drug by LC-MS/MS	2017
Stability indicating and evaluation of preservatives in COCOS Nucifera water using HPTLC & other Analytical methods	2017
Analytical method development and validation for the estimation of Letrozole in bulk and Pharmaceutical Dosage Forms by RP-HPLC	2017
Method development and validation of Metronidazol by infrared Spectroscopy	2018
Anti cholinergic and Anti Histaminic evaluation and spectrometric, qualification of total phenolic, Flavonoid and Alkaloids content of methonolic extraction of Psidium Guajava Leaves	2018
Development and validation of HPLC Method for	2018

		<u></u>	
		the simultaneous estimation of Glycopyrrolate and Formoterol in bulk and Pharmaceutical Dosage Forms	
		Method development and estimation of Antibiotic residues present in finish tissue using RP-HPLC Method	2018
		Bio Analytical method development and validation of Doxicycline by using RP-HPLC	2018
		Development and validation of NP-HPLC method for the simultaneous estimation of Cefixime and Lactobacillus in bulk and Pharmaceutical dosage forms	2019
		Development and validation of stability indicating NP-HPLC method for simultaneous estimation of 1-Carnitine and 1-Ornithine in bulk and Pharmaceutical dosage forms	2019
		Isolation ,Characterization and Anti Arthritic activity of Nyctnthes Arbor-Tristis	2019
		Stability indicating Assay method development and validation of Momordicine from Karela in bulk and pharmaceutical dosage forms by NP- HPLC	2020
		Analytical Method Development for the estimation of Paracetamol and Tepentadol by RP-HPLC method	2020
		Stability Indicating RP-HPLC method development and validation for the simultaneous quantitative estimation of Invacasftor and Lumacaftor	2020
3	Pharm D (Doctor of Pharmacy)	Prevalence And General Medications Utilization, Study of Antibiotics and Cost Patterns in Hepatic Impairment Patients in Tertiary Care Hospital	2018
	Theses	Assessment And Evaluation of Drug Related Problems in Pulmonology Department at Tertiary Care Hospital	2019
		Drug Related Problems in Hypertensive Patients and Its Comorbidties	2020
		Pharmacological Evaluation of Some Indigenous Medicinal Plants	2012
4	Doctoral Theses	Synthesis, Biological and Computational Evaluation of Some New Chalcones and Benzothiazepines	
			2017
		Synthesis and Biological Eyaluation of Noyel Chalcones and Heterocyclics Containing Nitrogen and Oxygen	2018

Development and Validation of Analytical Methods for Simultaneous Quantification of Selected Drugs in Pharmaceutical Formulations	2019
Analytical Method Development and Validations for the Pharmaceutical Formulations by Using Various Analytical Techniques.	2020
Development and Validation of Stability Indicating RP-HPLC Method for the simultaneous Estimation of Combination Drugs In Bulk and Pharmaceutical Dosage Forms	n
Formulation Development and Antiurolithian Evaluation of Various Dosage Forms of Piperine	c 2021
Pharmacological & Phytochemical Screening of Four Indigenour Medicinal Plants	of 2022

7. AWARDS. GRANTS AND FELLOWSHIPS

S.No	Category	Granting Organization	Year in which Received
		Received grant 1,00,000/- (One Lakh rupees only) as organizing secretary from DST-SERB to conduct National level Conference on "Innovative Approaches in Pharmaceutical Drug Discovery and Development by using QSAR methods" held on 17th March, 2018 (Saturday). File No: SSY/2017/001410	2017
1	1 Grants (Research / others)	Received grant from AICTE to conduct PMKVY classes at our institution for 3 programmes (Diabetis Educator, Emergency Medical Technician, Pharmacy Assistants) for 250 candidates. It's worth is about 32 lakhs . (So far received Rs. 29,50,000/ -(Twenty nine lakh fifty thousand rupees only). November, 2019.	2019
		Received grant Rs.1,00,000/- (One Lakh rupees only) as Convenor from ICMR to conduct National level workshop on "Newer Diagnostic Modalities and Therapeutics in Cancer" held on 20 th & 21 st June, 2019. No.3/1/3/Clinical Training/HRD 2019 (5)	2019
		Received Short term project grant Rs. 25,000/- (Twenty five thousand rupees) as co-investigator from TB Association of India, New Delhi, October, 2019 for the topic entitled "Artificial Intelligence based	2019

		elucidation of mechanism of Rifampicin resistance".	
		Received grant Rs. 12,00,000/- (Twelve Lakh rupees) February, 2020 from AICTE under MODROBS entitled "Harnessing the surgace hydrophobic properties of Human serum Albumin Nanoparticles for Drug Delivery applications" to strengthen Pharmaceutical Analysis department at our Nirmala College of Pharmacy, Mangalagiri. F.NO. 84-117/RIFD/MODROBS/RURAL/POLICY-1/2019-20	2020
		Received grant Rs. 33,00,000/- (Thirty three lakh rupees) from DST-FIST grant to carry out the Research work on "Genomic and Insilico Based Comprehensive Identification of Mutations and Development of Rifampicin Analogues Against Resistant Mycobacterium Tuberculosis Strains" on March, 2022.	2022
		Received grant Rs. 1,00,000/- (One lakh rupees) from AICTE-SPICES grant to carry out the work on "Inculcating the knowledge on Personalized medicine for the effective treatment" on May, 2022.	2022
		OUT STANDING SCIENTIST AWARD	20 th November, 2020
		BEST TEACHER AWARD	5 th September, 2019
		YOUNG PERFORMER AWARD	August, 2019
		BEST ADMINISTRATION AWARD	13 th April, 2018
		BEST ATTENDANCE AWARD	24 th March, 2018
2	Awards	"ASSOCIATE FELLOW AWARD"	7 th November, 2017
_	Awaius	"FACULTY INSPIRING ROLE MODEL"	25 th September, 2017
		"BEST FACULTY INNOVATION AWARD"	2017
		"BEST PUBLICATIONS AWARD"	2016
		"BHARAT EXCELLENCE AWARD"	2016
		"FLAG BEARER AWARD"	2016
		"APP APPRECIATION AWARD"	2015
		"INSPIRING ROLE MODEL & LEADER"	2015
		AICTE Fellowship	2001-2003
3	Fellowships	AP AKADEMI OF SCIENCES, ASSOCIATE FELLOW	2018

7. <u>SERVICE TO PROFESSION/PROFESSIONAL CONTRIBUTIONS, ACTIVITIES AND SKILLS</u> (eg. Affiliations/Memberships/Committees/Licenses/Certifications etc.)

S.No	Category	Organization	Year in which Received / Joined
		APTI (Association of Pharmaceutical Teachers of India)	2010
1		IAO (International Accrediation Organization) certified faculty	
1	Affiliations/Memberships	Associate Fellow AP Akademi of Sciences, Andhra Pradesh, India.	
		FIC (Fellow in Chemistry), Institution of Chemists, Kolkata.	2019
		Member, Board of Studies(BOS) in Pharmacy, Acharya Nagarjuna University, Andhra Pradesh, India.	2014-2016, 2019-2021 & 2022 - 2024
	Membership of Committees	Chairman, IAEC, CPCSEA (Control and Supervision of Experiments on Animals), Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh, India.	2015-2020 & 2020-2025
2		Chairman, Institutional Innovation and Incubation Council, Nirmala College of Pharmacy, Mangalagiri, Andhra Pradesh, India.	2019
		Assessor, NAAC (National Assessment and Accreditation Council), Bangalore, India.	2019
3	Certifications	FIC (Fellow in Chemistry)	2019
3	Innovation Ambassador		2019
		Anti-Urolitiatic Evaluation of Piperene office, Chennai, India. E-101/44081/2016-CHE (201641025327)	Patent Published on 26/01/2018
		Bioplastics from blends of cellulose acetate butyrate and thermoplastic starch. 201741028061	
4	Licenses / Patents	Formulation and evaluation of Fairness cream against acne 201741039068	11/11/2017
	1	Poly Herbal Hair Follicle Stimulating Emulsion for Alopecia. 201831006647 A	16/03/2018
		Evaluation of Effective use of Preservatives in Cocos Nucifera water by using HPTLC and other analytical methods. 201841022651	18/6/2018
		New Herbal formulation for Psoriasis 201841034703	8/2/2019

Evaluation of different techniques used for the waste management. 201841030349	2018
Biological effects of Campsterol in Lung and Liver diseases isolated from Euphorbia Heterophylla stems. 201941017892 A	2019
Bioanalytical Method development and Validation of Dapagliflogin and Saxagliptin in human plasma by LC- ESI-MS/MS. 202041006901	2020
Coumarin-Chalcone Hybrids Targeting Insulin Receptor: Design, synthesis, Anti-Diabetic Activity, and Molecular Docking. 202041033109 A	2020
An improved Gel composition of Ethanolic Leaf extract of Acalyfa India Linn for Anti-Inflammatory activity 202041017826 A	

9. Research ID's, Scores & Citations:

Research Gate Score : 25.87 – h index: 7

❖ Vidwan Score : 9.8/10 (ID: 168729)

❖ Scopus Citations : 163 (ID: 24339068100) − h index: 6

❖ Web of Science Citations: 87 (ID: C-3257-2017)

❖ Orcid ID : 0000-0001-5519-9043

Google Scholar Citations

Citation Indices	AII	Since 2017
Citations	533	339
h-index	11	8
i10-index	12	7

10. REFERENCES WITH E-MAIL ID AND CONTACT NUMBER

S.No	Name of the Referee	Designation - Institution	Mobile Number	E-mail
1	Prof.Dr. A. Prameela Rani	Principal & Professor, ANU College of Pharmaceutical Sciences, Acharya Nagarjuna University, Guntur, Andhra Pradesh, India.	9440056759	drapr64@gmail. com
2		Professor and Director KL College of Pharmacy, KL University, Vijayawada, Andhra Pradesh, India.	9618394959	buchinalluri@ya hoo.com buchinalluri@ gmail.com

Dr.SK. Abdul Rahaman