# **RESUME**



Dr. K. GNANAPRAKASH, M.Pharm., Ph.D

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#### **PERSONAL DATA**

Date of Birth : 1st January 1978

Age : 41 years

Gender : Male
Nationality : Indian

Race : Indian

Marital Status : Married (Children: 02)

Father's Name : Mr. K. Kalimuthu

Spouse Name : Mrs. S. Indhumathy

Languages Known: English, Telugu,

Tamil

Passport No : L2331487

(Valid up to 2023)

### **OFFICE ADDRESS**

Professor & Vice Principal, Saastra College of Pharmaceutical Education & Research, Varigonda Village, T.P. Guduru Mandal – 524 311, Nellore, Andhra Pradesh, India

#### **PRESENT ADDRESS**

# 101, Varshitha Highlands, Satyam G Nagar, Dhanalakshmipuram, Nellore – 524002 Andhra Pradesh, India

#### **PERMANENT ADDRESS**

# 95, PTR Nagar, Jawaharpuram West, Madurai – 625 007, Tamil Nadu, India

#### **ABOUT ME**

I am 41 years old, Ph.D (Pharmaceutical Sciences) from JNTUA, Anantapuramu and M.Pharm (Pharmaceutics) graduate from Tamil Nadu Dr. M.G.R Medical University, Chennai (TNMMU) wish to be a part of an excellent faculty in a reputed institution where the hard work is recognized and rewarded equally. Having 13+ years of experience in training and peer education, I have developed my professional capabilities by facing inspections, attending conferences & organizing inter-college events etc.

# **OBJECTIVE**

To pursue a challenging career with commitment and dedication where I can explore my skills of experience to grow professionally in a challenging and creative environment.

#### **STRENGTHS**

- > Self-confident
- > Enthusiasm to learn
- Hard working
- > Flexible and patience
- Analytical ability

### **EDUCATIONAL QUALIFICATIONS**

- Ph.D. (Pharmaceutical Sciences)
  Jawaharlal Nehru Technological
  University, Anantapur, February 2011.
- M.Pharmacy (Pharmaceutics) K.M. College of Pharmacy, Madurai, Tamil Nadu, India (Affiliated to TNMMU), April -2006.
- > B.Pharmacy

Arulmigu Kalasalingam College of Pharmacy, Srivilliputhur, Tamil Nadu, India (Affiliated to TNMMU), April - 2000.

### **ACADEMIC ACHIEVEMENTS IN BRIEF**

• Total Teaching Experience Total: 15 Years (B.Pharm: 03; M.Pharm: 05; Ph.D: 07 Years)

• Research experience: 11+ Years

• Books Published: 02

• Ph.D. Guided: (Awarded-1; Pursuing-3)

• M.Pharmacy Guided: 23

• Research Papers Published: 60

• Research Papers Presented: 24

• International Seminars / Conferences: 02

• National Seminars / Conferences: 15

Received Star Achiever Award for online services. www.pharmascope.org

# **WORK EXPERIENCE**

Designation	Institute	Tenure	Experience
Assistant	Annamacharya College of Pharmacy,	From 02-04-2006	5 Years 2 Months 28
Professor	Rajampet, Andhra Pradesh, India	to 30-06-2011	Days
	(Affiliated to JNTUA, Anantapuramu)		
Associate	Ratnam Institute of Pharmacy,	From 01-07-2011	4 Years 4 Months 12
Professor &	Pidathapolur (P) – 524 346,	to 13-11-2015	Days
HOD	Muthukur (M), Nellore District,		
	Andhra Pradesh, India		
	(Affiliated to JNTUA, Anantapuramu)		
Professor	P.Rami Reddy Memorial College of	From 18-11-2015	1 Year 8 Months 13
&	Pharmacy, Prakruthi Nagar, Utukur	to 31.07.2017	Days
Vice Principal	Kadapa – 516 003,		
	Andhra Pradesh, India		
	(Affiliated to JNTUA, Anantapuramu)		
Professor	Saastra College of Pharmaceutical	From 03-08-2017	1 Year 6 Months
&	Education and Research,	-Till date	
Vice Principal	Varigonda Village, T.P. Guduru		
	Mandal, Nellore – 524 311		
	Andhra Pradesh, India		
	(Affiliated to JNTUA, Anantapuramu)		
TOTAL WORK EXPERIENCE			12 YEARS 10
			MONTHS

# **PRESENT JOB RESPONSIBILITIES**

- Handling theory classes and conducting practical sessions of Novel Drug Delivery System for B. Pharm.
- Handling theory classes and conducting practical sessions of Advances
   Pharmaceutical and Formulation Technology for M.Pharm.

- Guiding projects to M. Pharmacy students.
- Procurement of chemical, glassware and equipment.
- Designing new practical experiments as per M.Pharmacy syllabus.
- Planning academic and administration work.
- Assisting Principal related to academic and administrative work.

### **ACHIEVEMENTS & MERITS**

- Received "BEST POSTER AWARD" at the 6th Asia-Pacific Pharma Congress held at Kula Lumpur, Malaysia during 11-13 July 2016.
- Received "STAR ACHIEVER AWARD" from National Integrity Cultural Academy, Chennai for providing services through website Pharmascope.org in the year 2010.
- Selected as a **Travel Grantee** to participate in the Students' International Conference on Biomedical and Interdisciplinary Research [SICOBAIR-2009, <a href="http://www.sicobair.com/">http://www.sicobair.com/</a>] held at Tehran, Iran during 19 22 May 2009.
- Presented 07 research papers with colleagues at the SICOBAIR 2009, which have been indexed in the 'Journal of Iran University of Medical Sciences' [ISSN No.: 1023 0920; Vol 16, Suppl 1, Spring 2009].
- ➤ Our website, Pharmascope.org [http://www.pharmascope.org] has been selected for participation at the 'Research Assembly' of SICOBAIR 2009.
- ➤ Our website, Pharmascope.org has been presented at the 12<sup>th</sup> World Congress on Public Health [WCPH 2009, <a href="http://www.worldpublichealth2009.org">http://www.worldpublichealth2009.org</a>/] held at Istanbul, Turkey during 26 Apr 01 May 2009.
- Acted as an external practical examiner for various institutions under the control of JNTUA.
- ► Have experience in theory paper evaluation at JNTU, Hyderabad & Anantapur.
- Conducted two seminars at state and national level with a grant from UGC and DST.
- Appointed as Member of Board of Studies for B.Pharm curriculum by JNTUA, Anantapuramu during the academic year 2015-2016.
- Appointed as Board of Studies Member for PG studies by JNTUA, Anantapuramu from 10.02.2017 to 09.02.2019.

- ➤ I have visited three countries such as Istanbul, Turkey during 26 April–01 May 2009, Tehran, Iran during 19–22 May 2009 and Kula Lumpur, Malaysia during 11-13 July 2016.
- ➤ I have published two books entitled DBS Handbook of DRUGS a complete Research and DBS handbook of pharmacology with hardbound.

# **CURRICULUM PROJECT**

### **B.** Pharmacy:

- Research Topic: Hepatoprotective activity of Flacortica Indica Leaf.
- Research Area: Pharmacology.

# > M. Pharmacy:

- Research Topic: Formulation and Evaluation of Fast Dissolving Tablets of Valdecoxib.
- Research Area: Pharmaceutics & Industrial Pharmacy.

#### > *Ph.D*:

- Research Topic: Formulation and Evaluation of Floating drug delivery system of antiulcer drugs.
- Research Area: Pharmaceutical Sciences.

#### PROFESSIONAL & EXTRACURRICULAR ACTIVITIES

- Providing free online courses as a moderator from www.openmoc.com
- Acting as an EC Member of Indian Pharmaceutical Association (IPA), Tirupati Branch.
- Acting as **Managing Editor** of the International Journal of Research in Pharmaceutical Sciences (IJRPS-ISSN: 0975-7538) [http://www.pharmascope.org/ijrps].
- Acting as the **Managing Trustee** of JK Welfare & Pharmascope Foundation, started with aims to support every effort to "Empower pharmacy education and research; promote access to health for all".
- Acting as the **President** of Pharmascope.org, a first of its kind website in the country, it strives to improve the knowledge of students and professionals in the various fields of pharmacy by providing valuable resources [http://www.pharmascope.org].
- Participated in various cultural activities at Inter and Intra college level and won the prizes.

- Attended personality development camp at K.M College of pharmacy in 2003.
- Acted as the Fine Arts Secretary for the event "JOMEPHAR 1996" in Arulmigu Kalasalingam College of Pharmacy, Srivilliputur, Tamil Nadu, India.
- Acted as the Chief Editor of the college magazine "APOTHECA '07 & 09" of Annamacharya College of Pharmacy, Rajampet, Andhra Pradesh, India.
- Attended career opportunities programme held at Arulmigu Kalasalingam College of Pharmacy, Srivilliputur, Tamil Nadu, India.
- Conducted free mega medical camp at Annamacharya College of Pharmacy, Rajampet, Andhra Pradesh, India.
- Worked as a Medical Representative at Torrent Pharmaceuticals for a year (2001 2002).

### **CONTRIBUTIONS TO THE INSTITUTION**

# **Teaching**

- ➤ Experienced in teaching the students in the classroom, conducting practical sessions for UG, PG level.
- > Capable of designing new experiments as per the curriculum requirement.
- ➤ Capable of handling hands-on demonstration of sophisticated pharmaceutical equipment such as Rotary Tablet Press, Rapid Mixture Granulator, Fluid Bed Processor, Freeze Dryer, Stability Chamber, Dissolution system and analytical equipment such as HPLC, UV-Visible spectroscopy, FTIR, DSC.
- ➤ Capable of handling modern teachings methodologies such as Projector Presentation, Webinars, online tutorials and examinations.
- ➤ Capable of demonstrating computer statistical calculations like Quality By Factorial Designs, Pharmacokinetics, *In vitro*, *In vivo* and stability studies.

### Research

- ➤ Capable of handling consultancy research projects with R & D set up in association with the institution.
- ➤ Eligible to guide full-time Ph.D scholars in association with R & D centre established by the institution.
- ➤ Handled up to 8 Ph.D consultancy projects for research scholars at various universities.
- Currently working on consultancy projects for Ph.D level in the following area
  - Nanospheres embedded micro particulates dry powder insufflator- as lungs alveolar targeted mucoadhesive sustained release drug delivery for first-line treatment for tuberculosis
  - Formulation design and evaluation of controlled drug delivery systems for a selected anti-migraine drug in combination with NSAID.

- Analytical method development and validation of some antihypertensive drugs by RP-HPLC.
- Design and evaluation of ethosomal formulations for controlled drug delivery of some drug.

#### **Conference**

- ➤ Capable of organizing a national level conference with grants.
- ➤ Acted as convener in UGC sponsored national level conference "Global perspective in pharmaceutical sciences (GPPS-2K15)" held at OTPRI-JNTUA on 11th July 2015.

### **Journals**

- Experienced in managing scientific journals with knowledge on conducting peer review, editing articles, get indexed in the international database.
- ➤ I am having technical knowledge such as journal software, database maintenance required for managing scientific journals.
- ➤ I am successfully running my journals <u>www.pharmascope.org</u> since 2010.

### **Accreditations**

➤ Built professional capabilities by facing ISO, NBA and NACC inspections from the previously worked institutions.

### **Funding**

➤ Capable of writing a research proposal to get funds from ICMR, DST and AICTE with the support of the institution.

#### **Books**

- Authored a hardbound book entitled "DBS Handbook of DRUGS a complete Research" with ISBN no: 978-93-84229-23-8 in press published by DBS imprints, New Delhi, India.
- ➤ I have authored a hardbound book entitled "DBS handbook of pharmacology" with ISBN no: awaiting to be published by DBS imprints, New Delhi, India.

### **Guideship**

- ➤ One scholar awarded for Ph.D in January 2015. Currently, three Ph.D scholars are pursuing their research under my guidance in JNTUA.
- > Acting as a registered guide in reputed universities such as Jawaharlal Nehru Technological University Anantapur, Anantapuramu, Prist University, Tanjur
- ➤ Besides guided five projects in UG and 23 projects at PG level.

### **Associating Principal/Dean in administration**

- ➤ Capable of associating the head of the institution for administrative responsibilities such as documentation, planning, procurement, establishment, organizing various events.
- ➤ Capable of understanding the administrative requirements accordingly associating the principal in all administrative aspects.

### **RESEARCH GUIDANCE**

### For B. Pharmacy

- 1. Formulation and evaluation of bilayer tablets of Rifampicin and Codeine Phosphate (2013-14).
- 2. Formulation and Evaluation of Matrix Tablets of Prednisolone for colon targeted drug delivery system (2009-10).
- 3. Formulation and Evaluation of Fast Dissolving Tablets of Ranitidine HCl (2008-09).
- 4. Formulation and Evaluation of Floating Tablets of Ranitidine HCl (2007-08).
- 5. Formulation and Evaluation of Floating Tablets of Famotidine (2006-07).

### > For M. Pharmacy

- 1. Development and Characterization of Econazole Nitrate Emulgel. (December-2016)
- 2. Formulation and evaluation of gastro retentive drug delivery system of Losartan Potassium by using Raft-forming approach (2014-15).
- 3. Formulation and evaluation of gastro retentive drug delivery of Cefixime using Raft-forming approach (2014-15).
- 4. Formulation and evaluation of Pioglitazone hydrochloride pellets (2014-15).
- 5. Formulation and evaluation of alginate Microbeads of Ondansetron by Inotropic gelation technique (2014-15).
- 6. Development and Characterization of matrix mini-tablets of Bosentan for controlled drug release (2013-14).
- 7. Development of Formulation and Evaluation of Zidovudine Oral Nanosuspension (2013-14).
- 8. Formulation and Evaluation of Floating Bilayer Tablets of Metoprolol Succinate (2013-14).
- 9. Development of Formulation and Evaluation of Ramipril Porous Tablets by Sublimation Technique (2013-14).
- 10. Formulation and evaluation of Osmotic tablets of Montelukast sodium (2012-13).
- 11. Formulation and evaluation of sustained release tablets of Doxofylline (2012-13).
- 12. Formulation and evaluation of Carisoprodol topical gel (2012-13).
- 13. Formulation and evaluation of Eletriptan Hydrobromide pellets (2012-13).

- 14. Formulation and evaluation of Gastro-Retentive floating bilayer tablets of Nifedipine (2012-13).
- 15. Formulation and evaluation of Orodispersible tablets of Theophylline (2012-13).
- 16. Formulation development and evaluation of Potassium chloride extended-release tablets (2012-13).
- 17. Formulation and evaluation of Trimetazidine HCl sustained-release tablets (2010-11).
- 18. Formulation and evaluation of Acetaminophen & Diphenhydramine HCl rapid release gelcaps (2010-11).
- 19. Formulation and evaluation of Nicorandil sustained-release tablets (2010-11).
- 20. Formulation and evaluation of bilayer sustained released tablets of Aceclofenac and Zinc Carnosine (2010-11).
- 21. Formulation and evaluation of floating tablets of ciprofloxacin hydrochloride (2009-10).
- 22. Formulation and *In vitro* Characterization of Floating Microspheres of Amoxycillin Trihydrate against *H. Pylori* (2009-10).
- 23. Design and Characterization of Floating Tablets of Ranitidine Hydrochloride (2009-10).

# > For Ph.D

- 1. Development and evaluation of controlled drug delivery systems of anti hypertensive drug By Mr. V. Anjaneyalu (Awarded 2015).
- 2. Study on Secondary Metabolites of some medicinal plants and their biological and pharmacological screening By Mrs. S. Sudha (Ongoing 2014).
- 3. Screening, Production, Characterization and Strain improvement of Antibiotic Producing Microorganisms from Sea Cucumber By S.Hari Hara Sudhan (Ongoing 2015).
- 4. Design, synthesis, characterization and biological activity of certain novel substituted Thiazole derivatives By P. Gobala Krishnan (Ongoing 2015).

### **QIP ATTENDED**

Attended Faculty Development Programme on "Emerging trends in Pharmaceutical Research" organized by Association of Pharmaceutical Teachers of India (APTI) and Annamacharya College of Pharmacy at ANCP, Rajampet held on 04th April 2010.

➤ AICTE Sponsored Quality Improvement Programme on "New Horizons in Pharmaceutical Technology and Pharmacokinetics" 16th to 22nd March 2009 at JSS College of Pharmacy, Ooty.

#### **GUEST LECTURES & INVITED SPEAKER**

- ✓ Delivered a lecture on "Microsoft Excel usage in Pharmacokinetic Calculations" during Workshop on Clinical Pharmacokinetics held at Narayana Medical College on November 21, 2015.
- ✓ Delivered lecture on "Dosage Form Design Pharmaceutical and Formulation Consideration" at Annamacharya College of Pharmacy, Rajampet, Andhra Pradesh, India on 17<sup>th</sup> July 2015.
- ✓ Delivered speech on "Advances in Novel Drug Delivery Systems" during NATIONAL SEMINAR ON GLOBAL PROSPECTIVES IN PHARMACEUTICAL SCIENCES (GPPS-2K15) held at Oil Technology and Research Institute, Jawaharlal Nehru Technological University, Anantapur on 11<sup>th</sup> July 2015.

#### **ADVANCED COURSE**

*Title:* "Continuing Education Programme – Refresher Course" for working registered pharmacist, organized by Association of Pharmaceutical Teachers of India on 02.04.2010 at Annamacharya College of Pharmacy, Rajampet, Kadapa Dist. A.P.

*<u>Title</u>*: "Continuing Education Programme – Refresher Course" for working registered pharmacist, organized by Tamil Nadu Pharmacy Council on 28.08.2005 at Kanchipuram.

<u>Title:</u> "Basic Computers and MS – Office" conducted by Arulmigu Kalasalingam College of Engineering, Srivilliputhur during the period from 13.12.1999 to 05.01.2000.

### **TECHNIQUES KNOWN**

- Pharmaceutics: Diffusion Studies, Electro Lab 8 basket & Lab India, DS8000 USP Dissolution Apparatus, 9 Station (Chamunda Pharma) Rotary Tablet Punching Machine, 16 Station High speed (Cadmac) Rotary Tablet Punching Machine, Brookfield Viscometer, Tablet Coating Machine, Kalwaka All purpose Instrument includes Ball Mill, Triple roller mill, Cubic mixer, V-cone blender, Double cone blender, Homogenizer, Coating pan, Polishing pan.
- ➤ **Analytical Chemistry:** Shimazu double beam Spectrophotometer, LCGC UV-Visible Spectrophotometer, HPLC Agilent Isocratic Model.

- ➤ *Phytochemistry*: Extraction of active ingredients using Soxhlet Extractor, Rota evaporator.
- ➤ *Pharmacy Software*: Design Expert for multilevel factorial screening designs, set up and analyze general factorial, two-level factorial, fractional factorial.
- ➤ **Pharmacy Software:** GraphPad Prism is a powerful combination of biostatistics, curve fitting (nonlinear regression) and scientific graphing in one comprehensive program.
- ➤ **Pharmacy Software:** Developed own *in vitro* drug dissolution analysis programme using Microsoft Excel.
- ➤ *Pharmacy Software*: Developed own *in vivo* pharmacokinetics analysis programme using Microsoft Excel.

# **ASSOCIATION MEMBERSHIP**

1. Association: Tamil Nadu Pharmacy Council [PCI] Chennai: 5317/A1

Period: LIFE Web: http://tnpc.ac.in/

2. Association: Association of Pharmacy Teachers in India [APTI] Bangalore: AP/LM-

358 Period: LIFE Web: http://www.aptiindia.org/

#### **COUNTRY VISITED**

- 1. Kula Lumpur, Malaysia during 11-13 July 2016 to attend the 6<sup>th</sup> Asia-Pacific Pharma Congress.
- 2. Tehran, Iran in 2009, May 19-22 to attend International Conference on Biomedical and Interdisciplinary Research.
- 3. Istanbul, Turkey during in 2009, May 01 to attend 12<sup>th</sup> World Congress on Public Health.

### **REFERENCES**

# > Prof. K.B. CHANDRA SEKHAR, M.Sc., M.Phil., Ph.D

Professor of Chemistry & Director of Foreign Affairs and Alumni Matters, Jawaharlal Nehru Technological University, Anantapur,

Andhra Pradesh, India Phone: +91 9441074083

Email: chandrasekhar66kb@gmail.com

# > Dr. C. MADHUSUDHANA CHETTY, M.Pharm, Ph.D, MBA

Principal, Santhiram College of Pharmacy, NH-18, Kurnool, Nandyal 518112, Andhra Pradesh, India Phone: +91 9502526701

Email: drcmchetty@gmail.com

# **DECLARATION**

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

Place: Nellore, Andhra Pradesh

Date: 20, February 2019

(K. ĞNANAPRAKASH)

### <u>APPENDIX - I: RESEARCH PAPERS PUBLISHED</u>

- 1. P. Gobala Krishnan, **K. Gnana Prakash** and K. B. Chandra Sekhar, Synthesis, characterization and anti-inflammatory activity of certain novel 2, 4-disubstituted 1,3-thiazole derivatives, Rasayan Journal of Chemistry, 2019, 12(1), 366 371. DOI: 10.31788/RJC.2019.1215069
- B. Narasimha Rao, S. Rahath Fathima, V. Viswanath, K Gnana Prakash, D. Sai Padmini, P. Salomi Reddy, Novel Citric Acid Dendritic Hydrogels for the Delivery of Econazole Nitrate and its Antifungal Activity, Journal of Applied Pharmaceutical Science, Vol. 6 (12), pp. 094-102, December 2016. DOI: 10.7324/JAPS.2016.601213.
- 3. U. Chandrasekhar, V. Viswanath, B. Narasimha Rao, **K. Gnana Prakash,** Development and evaluation of sustained release matrix tablets of losartan potassium, International Journal of Applied Pharmaceutical Sciences and Research 2016; 1(4): 127-132. DOI: 10.21477/ijapsr.v3i1.4858.
- 4. Narasimha Rao B, Kasim Vali D.S, **Gnana Prakash K**, Viswanath V, Sai Padmini D, Rahat Fathima S, Formulation and In vitro characterization of Repaglinide floating microspheres, International Journal of Research in Pharmaceutical Sciences, 2016; 7(4), 285-291.
- V. Viswanath, B. Narasimha Rao, K. Gnana Prakash, S. Rahath Fathima, G. Krishnaveni, Formulation and Evaluation of Terbutaline Sulphate Loaded Inhalation Nanoparticles for Pulmonary Drug Delivery, Int. J. Pharm. Sci. Rev. Res., 42(1), January February 2017; Article No. 43, Pages: 256-260.
- 6. B. Narasimha Rao, D.K.Lakshminarasappa, V. Viswanath, **K Gnana Prakash,** S. Rahath Fathima, Surekha, S. Bhuvaneswari, Formulation and *in vitro* characterization of Vildagliptin fast disintegrating tablets, Journal of Global Trends in Pharmaceutical Sciences, 2016; 7(3): 3374 3381.
- 7. Srinivasulu Kanumarlapudi, **Gnanaprakash K**, Gobinath M, Formulation and evaluation of gastro retentive drug delivery of Cefixime using raft forming approach, International Journal of Biological & Pharmaceutical Research, 2015; 6(8): 577-585.
- 8. V. Anjaneyulu, **K. Gnanaprakash**, K.B. Chandrasekhar, In vivo evaluation of Matrix Mini-Tablets of Bosentan for Controlled Release, International Journal of Pharmacy and Therapeutics, 2014, 5(5), 324-329.

- 9. P. Ganga Jyothi, **K. Gnanaprakash**, B. Kumar, M. Gobinath, V. Anjaneyalu, Development and Characterization of matrix mini-tablets of Bosentan for controlled drug release, International Journal of Biopharmaceutics, 2014, 5(4), 245-250.
- 10. Aparna B, Kumar B, **Gnanaprakash K,** Gobinath M, Ramesh Y, Development and Evaluation of Sublingual Tablets of Aripiprazole, International Journal of Biopharmaceutics, 2014, 5(4), 251-257.
- 11. K. Adisankaraiah, **K. Gnanaprakash**, B. Kumar, M. Gobinath, Ch. Praveen Kumara, Development of Formulation and Evaluation of Zidovudine Oral Nanosuspension, International Journal of Pharmacy and Therapeutics, 2014, 5(5), 364-370.
- 12. P. Guruprasad, B. Kumar, **K. Gnanaprakash**, M. Gobinath, Development of Formulation and Evaluation of Terbutaline Sulphate and Ambroxol Hydrochloride Oral Nanosuspension, International Journal of Biological and Pharmaceutical Research, 2014, 5(12), 937-943.
- 13. Harinatha Reddy S, **Gnanaprakash K**, Kumar B, Gobinath M, Laksmikanth Reddy B, Formulation and Evaluation of Floating Bilayer Tablets of Metoprolol Succinate, International Journal of Biological and Pharmaceutical Research, 2014, 5(12), 944-949.
- 14. Venugopal P, **Gnanaprakash K**, Kumar B, Gobinath M, Narendra Reddy B, Development of Formulation and Evaluation of Ramipril Porous Tablets of by Sublimation Technique, International Journal of Biopharmaceutics, 2014, 5(4), 258-264.
- 15. Sowjanya A, Venugopalaiah P, **Gnanaprakash K**, Gobinath M, Formulation and evaluation of orodispersible tablets of Amlodipine besylate, International Journal of Pharmacy Review & Research, Vol 4, Issue 1, 2014, 6-10.
- 16. Divya A, CH. Praveen Kumar, **K. Gnanaprakash**, M. Gobinath, Design, formulation and characterization of Tenofovir microemulsion as oral drug delivery, International Journal of Pharmacy Review & Research, Vol 4, Issue 1, 2014, 1-5.
- 17. Dinesh G, Kumar B, **Gnanaprakash K**, Gobinath M, Pradeepkumar CH, Vidyasagar N, Formulation and evaluation of orodispersible tablets of granisetron hydrochloride, International Journal of Pharmacy, 4(1), 2014, 11-21.

- 18. Hari Babu J, CH. Praveen Kumar, CH. Pradeep Kumar, **K. Gnanaprakash**, M. Gobinath, Formulation and evaluation of Stavudine extended-release tablets, International Journal of Advanced Pharmaceutics, Vol 4, Issue 1, 2014, 6-16.
- 19. Sankar P, Kumar B, **Gnanaprakash K,** Gopinath M, Suresh Karudumpala, Venkatesh B, Balaji G, Vidya Sagar N, Formulation and evaluation of Losartan Potassium niosomes, International Journal of Innovative Drug Discovery, Vol 4, Issue 1, 2014, 5-11.
- 20. P. Praveen Kumar, **K. Gnanaprakash**, M. Gobinath, Formulation and evaluation of sustained release tablets of doxofylline, International Journal of Current Pharmaceutical & Clinical Research, Vol 4, Issue 1, 2014, 13-20.
- 21. CH.Pradeep Kumar, P.Venugopalaiah, CH. Praveen Kumar, **K. Gnanaprakash**, M. Gobinath, Formulation and evaluation of mefenamic acid extended release liquisolid tablets, International Journal of Pharmaceutical Development & Technology, 3 (2), 2013, 80-96.
- 22. D. Vijay Kumar, CH. Praveen Kumar, CH. Pradeep Kumar, **K. Gnanaprakash**, Formulation and Evaluation of Levamisole Colon Targeted Tablets, International Journal of Current Trends in Pharmaceutical Research, 1(4): 2013, 233-246.
- 23. **Gnanaprakash K**, Monika P, Gobinath M, Sravani T, Formulation and evaluation of Orodispersible tablets of Theophylline, International Journal of Pharmaceuticals and Health care Research, Vol 1 (04), 2013, 161-168.
- 24. Venkatesh B, **Gnanaprakash K**, Suresh K, Balaji G, Sankar P, Formulation and evaluation of Eletriptan hydrobromide pellets, International Journal of Pharmacy and Industrial Research, Vol 03, (03), 2013, 274-287.
- 25. Balaji G, **Gnanaprakash K**, Suresh Karudumpala, Venkatesh B, Bilayer tablet: A review, International Journal of Research and Reviews in Pharmacy and Applied science, 3(4), 2013, 488-506.
- 26. CH. Pradeep Kumar, P. Venugopalaiah, CH. Praveen Kumar, **K. Gnanaprakash**, M. Gobinath, Liquisolid systems an emerging strategy for solubilization and dissolution rate enhancement of BCS class-II drugs, Vol 3, Issue 2, 2013, 56-66.
- 27. Suresh Karudumpala, Madhusudhana Chetty C, **Gnanaprakash K,** Venkatesh B, Sankar P, A review on bilayer floating tablets, International Journal of Research in Pharmaceutical Sciences, Vol.4, Issue.3, 2013, pg: 354-360.

- 28. Divya, K.Mallikarjuna Rao, **K.Gnanaprakash**, A.Sowjanya, N.Vidyasagar, M. Gobinath, A review on the current scenario of transdermal drug delivery system, International Journal of Research in Pharmaceutical Sciences, Vol.3, Issue.4, 2012, pg:494-504.
- 29. N.Vidyasagar, K.Mallikarjuna Rao, **K.Gnanaprakash**, A.Divya, A.Sowjanya, M. Gobinath. A review on buccal drug delivery system, Journal of Pharmaceutical Research and Development, Vol.1, Issue.2, 2012, pg:29-35.
- 30. Sowjanya, K.MallikarjunaRao, **K.Gnanaprakash**, A.Divya, N.Vidyasagar, Overview of current technologies in ocuserts for the treatment of ophthalmic diseases, International Journal of Research in Pharmaceutical Sciences, Vol.3, Issue.4, 2012, pg:509-516.
- 31. P. Anitha, S. Ramkanth, K. Uma Sankari, M. Alagusundaram, **K. Gnanapraksah**, P. Devaki Devi, R. Indira Prasanna, Ethosomes A noninvasive vesicular carrier for transdermal drug delivery, International Journal of Review in Life Sciences, 1(1), 2011, 17-24.
- 32. P. Devaki Devi, **K. Gnanaprakash**, K. Mallikarjuna Rao, K.Umashankari, P.Anitha, C.Madhusudhana Chetty, Formulation and characterization of floating microballoons of ciprofloxacin hydrochloride by emulsion solvent diffusion method, International Journal of Advances in Pharmaceutical Research, 1(1), 2010, pp 6-11.
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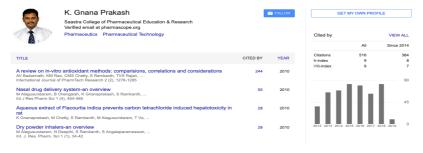
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- 44. S Ramkanth, M Alagusundaram, **K. Gnanaprakash**, C. Madhusudhana Chetty, K. Mallikarjuna Rao, Y. Sudhakar, Annie baby, Formulation and characterization of

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- 48. A.V. Badarinath, J. Ravikumar Reddy, K. Mallikarjuna Rao, M. Alagusundaram, **K. Gnanaprakash**, C. Madhusudhana Chetty, "Formulation and Characterization of Alginate Microbeads of Flurbiprofen by Ionotropic Gelation Technique" International Journal of Chem Tech Research, Vol.2, No.1, Jan-Mar 2010, pp 361-367.
- 49. TS. Mohamed Saleem, C. Madhusudhana Chetty, S. Ramkanth, M. Alagusundaram, K. Gnanaprakash, VS Thiruvengada Rajan, S Angalaparameswari; "Solanum nigrum Linn.- A Review" Pharmacognosy Review, Vol.3, No.6, 2009, pp 342-345.
- 50. J. Ravikumar Reddy, **K. Gnanaprakash**, A.V. Badarinath, C. Madhusudhana Chetty; "Formulation and Evaluation of Microparticles of Metronidazole" Journal of Pharmaceutical Sciences and Research, Vol.1(x), 2009, 131-136.
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- 52. S.Ramkanth, C. Madhusudhana Chetty, M.Alagusundaram, S. Angalaparameswari, V. S. Thiruvengadarajan and **K. Gnanaprakash**; "Design and evaluation of Diclofenac sodium Ocusert" International Journal of PharmTech Research, Vol.1, No.4, Oct-Dec 2009, pp 1219-1223.

- 53. **K. Gnanprakash,** Mallikarjuna Rao, C. Madhusudhana Chetty, S. Ramkanth; "Formulation and evaluation of floating tablets of Famotidine" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-136.
- 54. **K. Gnanprakash,** C. Madhusudhana Chetty, S. Ramkanth; "Formulation and invitro evaluation of floating drug delivery system of Ranitidine Hydrochloride" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-135.
- 55. Babu Jeyaraj, A.R. Habeeb Ibrahim, **K. Gnanaprakash**; "Role of Pomegranate Juice in reducing oxidative stress among healthy human adult subjects" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-43.
- 56. Babu Jeyaraj, **K. Gnanaprakash**, R.S. Jegan; "Immunosuppressants in renal transplantation; A study of analysis of ADRs" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-49.
- 57. R.S. Jegan, A.R. Habeeb Ibrahim, **K. Gnanaprakash**; "Cognitive development of mentally retarded children-role of nutrition" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-118.
- 58. A.R. Habeeb Ibrahim, **K.Gnanaprakash**, M.P. Narmatha; "Study of antioxidant property of commercial grape juice in healthy human subjects" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-131.
- 59. R.S. Jegan, **K. Gnanaprakash**, R. Sandilyan; "Lamuvidine therapy with chloroquine and methylene blue-evaluation in hepatitis B positive patients" Journal of Iran University of Medical Sciences, Vol 16/supp 1 Spring 2009; page-132.
- 60. M.Alagusundaram, **K. Ganaprakash**, V.S. Thiruvengadarajan, S.Ramkanth, C. Madhusudhana Chetty, S. Angalaparameswari; "Formulation and evaluation of ethyl cellulose coated microcapsules of zidovudine: influence of solvent; International Journal of Pharmaceutical Excipients; April-June 2007; 67-69.

# **GOOGLE SCHOLAR INDEXING**

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### <u>APPENDIX - II: RESEARCH PAPERS PRESENTED</u>

- 1. Pradeep Kumar CH., Praveen Kumar CH., **Gnanaprakash K.,** Gopinath M, "Formulation and evaluation of terbutaline sulphate muco-adhesive beads" 64th Indian Pharmaceutical Congress, December 2012, Chennai, Abstract No. A-37.
- 2. A.Sowjanya, K.Mallikarjuna Rao, **K.Gnanaprakash**, M. Gobinath, "Formulation and invitro characterization of orodispersible tablets of Tadalafil by using dry granulation method with super disintegrants" 64th Indian Pharmaceutical Congress, December 2012, Chennai, Abstract No. A-109.
- 3. T.Sravani, **K.Gnanaprakash**, M.Gobinath, "Formulation and evaluation of osmotic tablets of montelukast sodium " 64th Indian Pharmaceutical Congress, December 2012, Chennai, Abstract No. A-146.
- 4. A.Divya, K.Mallikarjuna Rao, **K.Gnanaprakash**, M.Gobinath, "Formulation and evaluation of pulsatile release coated tablets of salbutamol sulphate by using wet granulation method" 64th Indian Pharmaceutical Congress, December 2012, Chennai, Abstract No. A-742.
- 5. P.Monika, **K.Gnanaprakash**, M.Gobinath, "Formulation and evaluation of aminophylline orodispersible tablets using different superdisintegrants" 64th Indian Pharmaceutical Congress, December 2012, Chennai, Abstract No. A-804.
- 6. Chandra Mohan Rao G, Gnanaprakash K, Sujatha D, Mallikarjuna Rao K, Alagusundaram M, Ramkanth S, Madhusudhana Chetty C, "Study on the anti-ulcer activity of *Daucus* carota juice" Indian congress of Pharmacy & Pharmaceutical Sciences and Indian Pharmaceutical Association Convention 2010, 12<sup>th</sup> & 13<sup>th</sup> March 2010, PE-P047.
- 7. S. Ramkanth, C. Madhusudhana Chetty, M. Alagusundaram, S.A. Parameswari, K. Gnanaprakash, V.S. Thiruvengadarajan, TS. Mohamed Saleem, "The effect of annova squamosa Linn in dexamethasone-induced diabetes mellitus" 2<sup>nd</sup> International Conference on Drug Discovery, Dubai, United Arab Emirates, February 1-4, 2010, PO-171
- 8. G. Chandra Mohan, **K. Gnanaprakash**, T.S. Nityananthan, K. Mallikarjuna Rao, C. Madhusudhana Chetty, "Formulation and evaluation of Tamsulosin Hydrochloride as sustained release matrix tablets" International Conference on Drug Delivery,

- Organized by PSG College of Pharmacy, Coimbatore, Tamilnadu during 29-30 January 2010, PP074
- 9. K. Mallikarjuna Rao, **K. Gnanaprakash**, A.V. Badarinath, M. Alagusundaram, C. Madhusudhana Chetty, "Formulation and characterization of Floating microbeads of Amoxycillin Trihydrate" Indo-American pharmaceutical regulatory symposium, held at Nalanda College of Pharmacy, Andhra Pradesh during 12-14 October 2009, IPS-02.
- 10. **K. Gnanaprakash**, K. Mallikarjuna Rao, A.V. Badarinath, M. Alagusundaram, C. Madhusudhana Chetty, K.B. Chandrasekhar "Preparation and characterization of Aceclofenac microspheres for sustained release by using solvent evaporation technique" Indo-American pharmaceutical regulatory symposium, held at Nalanda College of Pharmacy, Andhra Pradesh during 12-14 October 2009, IPS-01.
- 11. K. Mallikarjuna Rao, **K. Gnanaprakash**, A.V. Badarinath, M. Alagusundaram, VST. Rajan, C. Madhusudhana Chetty, "Studies on formulation and evaluation of Rosin & Waxes depilatory" 3<sup>rd</sup> Congress on Cosmetic Technology, Organized by KLE University's College of Pharmacy, Belgaum during 28-29 August 2009, P-22.
- 12. G. Umamaheshwar Reddy, K. Mallikarjuna Rao, **K. Gnanaprakash**, M. Alagusundaram, SG. Ramkanth, C. Madhusudhana Chetty, "Preparation and evaluation of sulphide metals as a depilatories" 3<sup>rd</sup> Congress on Cosmetic Technology, Organized by KLE University's College of Pharmacy, Belgaum during 28-29 August 2009, P-21.
- 13. B. Praveen Reddy, C. Madhusudhana Chetty, M. Alagusundaram, **K. Gnanaprakash**, K. Mallikarjuna Rao, "Preparation and evaluation of liquid mascara" 3<sup>rd</sup> Congress on Cosmetic Technology, Organized by KLE University's College of Pharmacy, Belgaum during 28-29 August 2009, P-13.
- 14. R. Indira Prasanna, C. Madhusudhana Chetty, K. Mallikarjuna Rao, K. Gnanaprakash, A.V. Badarinath, M. Alagusundaram, "Studies on formulation and evaluation of Lip Rouge" 3<sup>rd</sup> Congress on Cosmetic Technology, Organized by KLE University's College of Pharmacy, Belgaum during 28-29 August 2009, P-17.
- 15. **K. Gnanaprakash**, C. Madhusudhana Chetty, K.B. Chandrasekhar, et al., Formulation and Evaluation of Floating drug delivery system for Ranitidine Hydrochloride; Student's International Conference On Biomedical And Interdisciplinary Research (SICOBAIR-2009), held at Tehran, Iran during 19-22 May 2009, 135.

- 16. **K. Gnanaprakash**, C. Madhusudhana Chetty, K.B. Chandrasekhar, et al., Formulation and Evaluation of Floating Tablets of Famotidine; Student's International Conference On Biomedical And Interdisciplinary Research (SICOBAIR-2009), held at Tehran, Iran during 19-22 May 2009, 136.
- 17. A.R. Habeeb Ibrahim, **K. Gnanaprakash**, C.Madhusudhana Chetty; "Establishing a Foundation and Empowering Education & Research: a 'student-Professional' Partnership" 12th World Congress on Public Health, in Istanbul, Turkey on Thursday, April 30, 2009.
- 18. K. Mallikarjuna Rao, M.Alagusundaram, **K.Gnanaprakash**, S.A.Parameswari, C.Madhusudhana Chetty, A.V.Badarinath; "Study of Antimicrobial Activity of Aristolochia Bracteata" International Herbal Conference 2009, Bangalore, India. Abstract No. SNPS IHCB 09267.
- 19. M. Guruvareddy, **K. Gnanaprakash**, C. Madhusudhana Chetty, R. Arun; "Floating microsphere of cimetidine: Formulation, Characterization and In-vitro evaluation" 60<sup>th</sup> Indian Pharmaceutical Congress, Dec. 2008, Delhi Abstract No. PH-57.
- 20. **K. Gnanaprakash,** C. Madhusudhana Chetty, Habeeb Ibrahim, Janakiram K; "Phase I in India: Opportunities and Challenges" 60<sup>th</sup> Indian Pharmaceutical Congress, Dec. 2008, Delhi Abstract No. RA-15.
- 21. C. Madhusudhana Chetty, **K. Gnanaprakash**, S. Prathyusha; "All about the eCTD" 60<sup>th</sup> Indian Pharmaceutical Congress, Dec. 2008, Delhi Abstract No. RA-21.
- 22. K. Mallikarjuna Rao, **K. Gnanaprakash**, A.V.Badarinath, M.Alagusundaram, C. Madhusudhana Chetty; "*In-vitro* evaluation of floating tablets of Ranitidine HCl by using U.V. Spectrophotometer" National Conference on Emerging trends in Pharmaceutical Analysis on 4 & 5<sup>th</sup> Feb 2009, Vijayawada, Abstract No. ETPA-004.
- 23. P. Sruthi, M. Chandana, **K. Gnanaprakash**; "Formulation and evaluation of floating tablets of Famotidine" BIOPHARMACON-National Conference on 28<sup>th</sup> & 29<sup>th</sup> Sep. 2007, Visakhapatnam, page.1
- 24. **K. Gnanaprakash,** S. Jeyaprakash, Elizabeth, M. Nagarajan; "Metronidazole periodontal pocket inserts: formulation and in vitro characterization" 56<sup>th</sup> Indian Pharmaceutical Congress, Dec. 2004, Kolkata, Abstract No. AP105.

### <u>APPENDIX - III: SEMINAR / CONFERENCE ATTENDED</u>

#### **International Level**

- 1. Attended 6<sup>th</sup> Asia-Pacific Pharma Congress held at Kula Lumpur, Malaysia during 11-13 July 2016.
- 2. Attended Student's International Conference On Biomedical And Interdisciplinary Research (SICOBAIR-2009), held at Tehran, Iran during 19-22 May 2009.

### **National Level**

- Attended NATIONAL SEMINAR ON GLOBAL PROSPECTIVES IN PHARMACEUTICAL SCIENCES (GPPS-2K15) held at Oil Technology and Research Institute, Jawaharlal Nehru Technological University, Anantapur on 11<sup>th</sup> July 2015.
- 2. Attended Pharma Conoscenza-2K15 AICTE Sponsored three days national seminar on customization of clinical efficacious in drugs and its paradigm, held at Vaageswari College of Pharmacy, Karimnagar Telangana, India on 6<sup>th</sup> 8<sup>th</sup> April 2015.
- 3. Attended National conference on Pharmacoeconomics and Outcomes Research, held at Chalapathi Institute of Pharmaceutical Sciences, Guntur, Andhra Pradesh, India on 19<sup>th</sup> & 20<sup>th</sup> March 2015.
- 4. Attended National Seminar on Job Opportunities & Career Guidance in Pharmacy, held at Krishna Teja Pharmacy College, Tirupati, Andhra Pradesh, India in association with Indian Pharmaceutical Association (Education Division) on February 28<sup>th</sup> and March 1<sup>st</sup> 2015.
- Attended Indian Congress of Pharmacy Practice 2014, Theme: "Advancing Pharmacy Practice in India: The Next Generation Pharmacist" held at Hotel Sheraton at Brigade Gateway, Bengaluru, India on 21<sup>st</sup> & 22<sup>nd</sup> February 2014.
- 6. Attended 7<sup>th</sup> National Pharmaceutical Conference PHARMACON-V 2013, Recent trends in Pharmaceutical Research, Theme: "Current scenario and future perspectives of Pharmacy Practice in India" held at Nehru College of Pharmacy, Thiruvilwamala, Thrissur, Kerala, India.

- 7. Attended National Level Workshop on "Laminated Basics on Tablet Manufacturing" held at Jagan's College of Pharmacy, Jangalakandriga, Muthukur Road, Nellore, Andhra Pradesh, India on 6<sup>th</sup> October 2012.
- 8. Organized National level conference on "Recent advances in Pharmaceutical Sciences" held at Ratnam Institute of Pharmacy, Nellore, Andhra Pradesh, India on 10 & 11 February 2012.
- 9. Delivered a seminar on "Floating Drug Delivery System" during National Pharmacy Week– 2007 by IPA at Annamacharya College of Pharmacy, Rajampet.
- 10. Delivered a seminar on "Floating Drug Delivery System" during Seminar on "Recent trends in Pharmaceutical Chemistry" by APTI on 04<sup>th</sup> March 2008 at Guntur.
- 11. IPA and APTI state-level convention 2007, Orissa State on 11th March 2007 at Jeypore.
- 12. 60th Indian Pharmaceutical Congress, 2008 at New Delhi.
- 13. 57th Indian Pharmaceutical Congress, 2005 at Hyderabad
- 14. 56th Indian Pharmaceutical Congress, 2004 at Kolkata,
- 15. 55th Indian Pharmaceutical Congress, 2003 at Chennai,

#### **APPENDIX - IV: BOOKS PUBLISHED**

- 1. Published book entitled "DBS Handbook of DRUGS a complete Research" authored by Dr. K. Gnanaprakash and Prof. K.B. Chandra Sekhar with hardbound by DBS imprints, New Delhi (ISBN: 978-93-84229-23-8, Price Rs. 6,995)
- 2. Published book entitled "DBS handbook of Pharmacology" authored by Dr. G. Nagarajan and Dr. K. Gnanaprakash with hardbound by DBS imprints, New Delhi (ISBN: 978-93-84229-58-0, Price Rs. 7,995).