

Curriculum vittae

Dr. Munagala Gayatri Ramya
Sitaramnagar, Guntur
Guntur (Dist),
AndhraPradesh-522001, India.
Mobile: +91 9502038518
Email: mgayatriramya@gmail.com

Career objective

To secure a responsible career opportunity to fully utilize my knowledge, training and skills, while making a significant contribution to the success of the institution and to gain as much as knowledge I can.

Qualifications

- ***Ph.D Awarded from JNTU Anantapuramu 2021***
- ***Masters (2006-2008)***
Masters in Pharmacy (Pharmaceutics)
Completed from KVSRR Siddhartha College of Pharmaceutical Sciences,
Vijayawada, affiliated to the **ACHARYA NAGARJUNA UNIVERSITY,**
GUNTUR
- ***Bachelors (2002-2006)***
Bachelors in Pharmacy
Completed from **Sarojini Naidu Vanitha Pharmacy MahaVidyalaya,**
Hyderabad, affiliated to **OSMANIA UNIVERSITY, GUNTUR**
- **Certificate Course World Intellectual Property Organization (WIPO)**
Secured 74% in **DL-101 General Course on Intellectual Property** conducted
by) in 2011.
- **CLINICAL RESEARCH** certification course in the areas of **Clinical Trials,**
Clinical Data Management, Pharmacovigilance and Medical Writing.

Patents

One patent was published in 03/01/2020

Animal Handling at B.Pharm, M.Pharm level and trained the students to handle animal for their projects and dissertations.

Masters

Formulation And Evaluation Of Ondansetron Oral Disintegrating Tablets using Wet Granulation Technique Carried Out In **Natco Pharma Limited** During 2007-2008

Skills acquired

Instrumental skills

- Rotary punching machine (16 station, 10 station, Rimek)
- Extruder, Friabilator, disintegration, dissolution apparatus, tablet coating machine, capsule filling machine, Homogenizer, Viscometer, pH meter and UV- Visible Spectrophotometer.
- Handling of Animals for project and practical in my career.

Computational skills

Basic knowledge in computing with a good hand in operating programs.(MS Office, MS DOS, C Language)

Industrial exposure

- Worked as a research trainee in FR&D department in Natco Pharma Ltd (2007-2008).
- Trained by “Hi-Tech institute of advanced pharmaceutical sciences” at Natco House banjara hills, road no:2 , Hyderabad since 22 -05- 2008 to 26-7-2008.
- Industrial training for a period of 30 days in Hetero Drugs And Natco House, at Hyderabad in 2008.
- Succesfully completed summer research training program CSIR SRTTP 2020.

Faculty Development Programme

- Participated in Faculty Development Programme as delegate on current activities and Future Perspectives in Pharmaceutical Chemistry Research and Development on 20th April to 4th may 2013 held at Hindu College of Pharmacy, Guntur.
- Participated in one week International Faculty Development Program on Current updates in Pharmaceutical Research & Development, held from 06/07/2020 to 11/07/2020 organised by VIPER, Narsapur.
- Attended 5 days FDP on Building Research and Innovative Culture among Pharmacy teachers from 18th to 22nd May 2020 organized by Dr. D Y Patil Institute of Pharmaceutical Sciences of India, Pune in association with APTI
- Participated in the FDP “Skill Development in Pharmacy Education, Research and Practice on 1-5 June 2020 organized by GIET School of Pharmacy in association with IPA Rajahmundry branch.

- Successful completion of one week online international FDP on Pharmaceutical Education & research 13th-18th May 2020 organized by Bapatla college of Pharmacy.
- Successful completion of one week online international FDP on innovations in drug delivery systems 31st may – 5th June 2020.
- Participated in 3 day international STTP on innovative research trends in Pharmaceutical industry organized by Bapatla college of Pharmacy in association with ANU, Guntur from 13th June to 15th June 2020
- Participated in 5 day International FDP from 04/06/2020 to 08/06/2020 organized by AM Reddy memorial college of pharmacy, Narasaraopet.
- Participated in the stem teacher training workshop on research based pedagogical tools held from 28th September to 1st October 2018 at Jaipur conducted by Sheffield hallam university, UK.
- Successful completion of 1 week international FDP on advances in pharmaceutical research 13th-18th August 2020 organized by Bapatla college of pharmacy IPA Education division and Indian Pharmaceutical Association.
- Participated in one week online international FDP on role of pharmacist in healthcare organized by Shri Vishnu college of pharmacy, Bhimavaram in association with APTI from 29th June to 4th July 2020.
- Attended AICTE sponsored 1 week STTP on educational program for pharmacy teacher on orientation of recently admitted students from 1st-6th July 2021 .
- Participated in 1 week online international FDP on Innovations in natural product driven drug discovery and analytical chemistry organized by Shrivishnu college of Pharmacy in association with APTI, APP and ISP from 6th – 11th July 2020
- Participated in the 3 days FDP on in silico tools for biopharmaceutics and virtual pharmacokinetics held during 17-19 July 2020 organized by Seven Hills college of pharmacy, Tirupathi
- Successfully completed 60 contact hours FDP on data science held June 1st to June 30th 2020
- Attended AICTE

Achievements

Got Appreciation award From Indian pharmaceutical Congress 2016 Dec

- Editorial board member of Novel Approaches in Drug Design & Development, Juniper Publishing Group, Juniper Publishers Inc.1890 W Hillcrest Dr,Newbury Park, Ca 91320, United States.
- Secured first prize in volley ball event held in connection with 15th Annual day celebrations on 28 March 2014.
- Undergone training in Fire and safety conducted by the Kings institute of fire and safety engineers.
- Letter of Appreciation for contribution to the success of the **CSIR – Summer research training program(CSIR SRTP)2020** during June to August 2020 coordinated by CSIR-NEIST, JORHAT.
- Nominee for CCSEA- Committee for the Control and Supervision of Experiments on Animals.

Membership

Life Member of Association of Pharmacy Professional and membership number is **APP/AP/LM-009/15**

Projects guided

- M Pharmacy :30
 - B Pharmacy : 50
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Teaching Experience (14 Years)

- At present I am working as a Assistant Professor at **Acharya Nagarjuna University**,Guntur 522002, India from 16-08-2012.
 - I worked as a Assistant Professor in **Shadan College of Pharmacy**,Peerancheru, Hyderabad, from 14-08-2008 to 14-08-2012.
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Papers published

- M.Gayatri Ramya,et.al Phase Solubility Studies using beta cyclodextrinsPharmabuzz, June 2007.
- M.Gayatri Ramya,et.al Spectrophotometric Methods for simultaneous estimation of Rabeprazole and Diclofenac from Combined Dosage Form, International Journal of Pharmacy and Bio Sci, ijpbs |volume 2| issue 4 |oct-dec |2012|37-48.

- M.Gayatri Ramya,et.al Nano Technology in Ocular Drug Delivery, International Journal Of Pharmaceutical And Chemical Sciences, Vol. 2 (2), 924-931, Apr-Jun 2013.
- M.Gayatri Ramya,et.al Development and Validation of New RP-HPLC Methods for Stability Study of Fat Soluble Vitamins. International Journal of Pharmaceutical Sciences, Vol 5, suppl 3, 71-75, 2013 AUG.
- M.Gayatri Ramya,et.al Formulation Development and Evaluation of Ondansetron orally disintegrating tablets. International Journal of Universal Pharmacy and Bio Sciences, 2(5):151-163, September-October 2013.
- M.Gayatri Ramya,et.al Formulation and Evaluation of Gastric Floating Drug Delivery Systems of Carvedilol with natural polymers. World journal of Pharmacy and Pharmaceutical Sciences, volume 3, issue 2, 1596-1608. JANUARY 2014.
- M.Gayatri Ramya,et.al ICH Guideline Practice- a Validated Stability- Indicating HPLC Method for the Determination of Efavirenz in Dosage Form. Research Journal of Pharmaceutical Dosage Forms and Technology, 6(1): January-March, 2014, 07-14.
- M.Gayatri Ramya,et.al Pharmacological Evaluation of Synthesized Test Compounds of Quinazolinones and Pyrazolinones, Asian J. Research Chem, 7(1):33-40 January 2014.
- M.Gayatri Ramya,et.al Formulation and Evaluation of bilayerd floating tablet containing Carvedilol and Atenolol, Der Pharmacia Lettre, 2014, 6 (6):403-414.
- M.Gayatri Ramya,et.al Development and Characterization of Carbamazepine Loaded Nonionic Surfactant Vesicles, Acta chim. Pharm. Indica: 5(1), 2015, 29-40.
- M.Gayatri Ramya,et.al Design and optimization of floating drug delivery system of Valacyclovir hydrochloride, Journal of Current Chem. Pharm. Sc.: 5(1), 2015, 14-21.
- M.Gayatri Ramya,et.al Orally Disintegrating Tablets: A Review, International Journal of Pharma and Chemical Research Volume 1 Issue 1 Jan – Mar 2015. 25-30
- M.Gayatri Ramya,et.al Osmotic Controlled Drug Delivery System: A Review, International Journal of Pharma And Chemical Research Volume 1 Issue 1 Jan – Mar 2015.31-37

- M.Gayatri Ramya,et.al Formulation and Evaluation of Niosomes of Valacyclovir Hydrochloride,IJCTPR, March 2015, 3(2): 794–800.
- M.Gayatri Ramya, Formulation And Evaluation Of Anti Emetic Fast Dissolving Tablets,International Journal Of Universal Pharmacy And Bio Sciences 6(2): March-April 2017,298-308.
- M.Gayatri Ramya,Development, Evaluation And Stability Of Zoledronic Acid I.V Injection By Lyophilization Technique, IAJPS2017, 4 (07), 2042-2046.
- M.Gayatri Ramya,et.al, Development and *in vitro* evaluation of ciprofloxacin gastric floating tablets, International Journal of Research in Pharmacy and Pharmaceutical Sciences, Volume 2; Issue 4; July 2017; Page No. 71-77.
- M.Gayatri Ramya, et.al ,Formulation and Evaluation of Tolnaftate loaded topical Niosomal Gel, The Pharma Innovation Journal 2017; 6(8): 29-34
- M.Gayatri Ramya,et.al,Formulation and Invitro Evalution of Effervescent floating tablets of Losartan Potassium by using different grades of HPMC polymers, International Journal of Pharmaceutical Research October – December 9[4] 2017.
- M.Gayatri Ramya,et.al, Preparation And Invitro Characterisation Of Antibacterial Nanocapsules, International Journal of Pharmaceutical Research Jan-Mar 2018 | Vol 10 | Issue 1|75-79.
- M.GayatriRamya, et.al , Formulation and In vitro Evaluation of Solifenacin Succinate Fast Dissolving Drug Delivery Systems, International Journal of ChemTech Research 2018 Vol.11 No.06, 269-279.
- M.Gayatri Ramya,et.al Formulation and in Vitro Evaluation of Sustained Release Tableted Microspheres of Gemcitabine, International Journal of PharmTech Research 2018,Vol.11, No.03, 287-297.
- M.Gayatri Ramya,et.al A Comprehensive Validation Method and Development of RP-HPLC for Simultaneous Estimation of Metoprolol, Telmisartan and Chlorthalidonein Bulk and its Formulation, *Asian J. Research Chem.* 2018; 11(6): 827-834.
- M.Gayatri Ramya,et.al A Novel Approach for Topical Delivery using Emulgel, The Pharma Innovation Journal 2019; 8(4): 35-42
- M.Gayatri Ramya,et.al Phytosomes: A novel drug delivery for herbal extracts. Research Journal of Life sciences, Bioinformatics, Pharmaceutical and chemical Sciences, 2019 5(2).1069-1082.

- M.Gayatri Ramya,et.al A Review Article on Gene Therapy, Journal of Drug Delivery & Therapeutics. 2019; 9(4):688-692.
- M.Gayatri Ramya,et.al Pharmaceutical Co-Crystals: An Overview on Synthesis and Regulatory Aspects, Journal of Drug Delivery & Therapeutics. 2019; 9(4):623-628.
- M.Gayatri Ramya,et.al Fabrication of drug eluting medical device for treating stenosis by 3D printing and dip coating using aspirin as a model drug, Journal of Drug Delivery & Therapeutics. 2019; 9(6-s):148-154.
- M.Gayatri Ramya,et.al Optimization and Characterization of Fenugreek Seed Polymer Nanoparticles Loaded with Diltiazem HCl Nanoparticles by Desolvation Method, Journal of Drug Delivery & Therapeutics. 2019; 9(6-s):155-163.
- M.Gayatri Ramya,et.al Formulation and Evaluation of Mupirocin Niosomal Gel for Topical Drug Delivery System, International Journal of PharmTech Research, 2020,13(2): 07-17.
- Preparation and Evaluation of matrix type gastro retentive floating atenolol tablets using sintering technique, International Journal of Research in Pharmaceutical Sciences, 2020, 11(2), 1920-1926.
- Novel technique used in the design of floating tablets of captopril and its evaluation, International Journal of Pharmaceutical Research, OCT-DEC 2020, 12(4), 101-108.
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- Design and Evaluation of Ciprofloxacin floating tablets using thermal sintering technique, International Journal of Pharmaceutical Sciences and Research, 2020, 11(4),1868-1873.,
- M.Gayatri Ramya,et.al Formulation and Evaluation of Herbal Cream of Eucalyptus globules and Aloe Barbidense leaves extract for Anti-Acne activity, Indo American Journal of Pharmaceutical Research, 2022, 12(2) 3061-3070.

List of posters presented and participation in Seminars

- Presented a paper on Gastric floating drug delivery system in UGC Sponsored National Seminar on “Innovative Research and Development in Pharmaceutical Sciences-Current Scenario and New Horizons” organized by Acharya Nagarjuna University College of Pharmaceutical Sciences on 9th and 10th Nov, 2012.
- Presented a paper on Intellectual property rights in APSCHE Sponsored National Seminar on “Drug Regulatory Affairs and Quality Assurance” held at Acharya Nagarjuna University College of Pharmaceutical Sciences on 8th February, 2013.

- Presented a paper in Genomics-2013 National Seminar on “New trends in Molecular Medicine and Pharmacogenomics” held at Acharya Nagarjuna University College of Pharmaceutical Sciences on 13th and 14th April, 2013.
- Oral presentation given in the AICTE Sponsored National Conference on “Innovative formulations for chronic Disorders” held on 20th & 21st July 2013 at Hindu college of Pharmacy.
- Oral presentation given in the National conference on “Advances and Prospects in Herbal Medicine” sponsored by Hindu college of Pharmacy held on 29th December 2013.
- Attended the national Seminar on “Plant Made Pharmaceuticals & approaches to the synthesis of Bio-active Natural Products” organized by the department of chemistry, Hindu college, Guntur in Collaboration with “Association of biotechnology & Pharmacy” on 18th & 19th, July 2014.
- Presented a paper in the National Seminar on “Impact of Toxic Metals, Minerals and solvents leading to Environmental Pollution”, organized by Govt. College for Women (Autonomous) on 17th and 18th October 2014.
- Oral presentation given in APSCHE sponsored national symposium and workshop on *Benefits & Applications of multi-dimensional techniques in Pharmaceutical Arena-Focus on Current Research* organized by Hindu College of Pharmacy, Guntur during 18-20th October, 2014.
- Participated in the national conference on “Current Scenario and Novel findings in Pharmaceutical Research” organized by Association of Pharmacy Professional at Hindu College of Pharmacy, Guntur, 25th oct 2014.
- Presented a paper in Indo- African Conference organized by Association of Pharmacy professional in collaboration with Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur, Feb 14, 2015.
- Presented a paper in 68th IPC-2016 “Quality Pharmaceuticals and Patient Welfare” during 16th-18th December 2016 held at Andhra University.
- Participated in National Symposium on Industry Academia Interaction “Future of Pharmaceutical Industry via Vis Pharmacy Education in India organized by school of Pharmaceutical Management, The IIHMR University, Jaipur on 12th march 2016.

- Participated in “Recent Advances in Pharmaceutical Engineering, Pharmacogenomics and Pharmacokinetics” Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur during 28th January 2017.
- Participated in the national seminar on 3D printing of Pharmaceuticals An emerging Pharmaceutical Technology as **Adjudicator** held at Hindu College of Pharmacy on 23rd Feb 2018.
- Participated and presented a poster in UGC Sponsored International Seminar on “Pharmaceutical Nanosystems- Novel Approaches and Applications” organized by University College of Pharmaceutical Sciences, Acharya Nagarjuna University on 22nd and 23rd March 2018.
- Participated in the National Seminar on “Modern Technologies in Drug Design, Development and Evaluation – the Next era” held at Aditya Pharmacy College on 23rd and 24th November 2018.
- Participated and presented a poster in UGC Sponsored National Seminar on “A Critical Role of Web Based Educational Tools in Drug Discovery and Development” during 7th -8th March 2019.
- Presented a paper in the National seminar organized by the department of Nanotechnology, Acharya Nagarjuna University on “Recent Trends in Nanoscience and Nanotechnology” held during 30th & 31st January, 2020.
- Participated and presented a poster in UGC Sponsored International Seminar on “Advanced Technologies in Pharmaceutics- Past, Present and Future” during 24th and 25th February 2020.
- Presented a paper at 4th International Conference on “Innovations in Pharma Industry, Education and Research” (IPIER 2020) held on 27th & 28th Feb 2020 at school of Pharmacy, Anurag Group of Institutions, Hyderabad.
- Participated and acted as a chairperson in UGC Sponsored National Conference on “Multidimensional NMR Spectroscopy and its Software Applications” during 17th and 18th March 2020.
- Attended 3 day International Webinar from 23rd May to 25th May 2020 on QbD organized by Innovation Cell of Bapatla college of Pharmacy.

- Successfully attended live webinar of technical lecture series 2020 from 27th to 29th May 2020 organized by Yaswant Rao Bhonsale College of Pharmacy, Sawantwadidist .Sindhudurg.
- Participated in Mybo Webinar-3 on Optimization in Pharmaceutical Technology concepts Applications and Demonstration organized by Mybo group on 31st May 2020.
- Attended 2 day Webinar on “Design of Experiments” organized by Vignan Pharmacy College Guntur on 30th and 31st May 2020.
- Attended an Online Career Guidance Webinar on Pharmacovigilance and Pharma Production named as, Pharma Expert Talk on 6th June 2020 organized by Pharma Tutor edu labs.
- Successfully participated in international webinar on cancer immunotherapy: A paradigm shift in the treatment for cancer held on 11th June 2020 organized by GIET School of Pharmacy & Vikas Institute of Pharmaceutical Sciences.
- Participated in Mybo Webinar on Mendeley Reference Management Software Demonstration: for references, citations, bibilographies in thesis, review and research articles organized by Mybo group in association with International Journal of Advances in Pharmacy and Biotechnology on 14th June 2020.
- Actively Participated in Webinar on Scope on Clinical Research & Associated domains delivered by Mr Vishal Choudari, Cliniindia , Pune on 15th June 2020.
- Attended the Webinar series 2 on Traditional Indian Systems and Medicines in the Management of Metabolic Disorders by Dr. Hanumanthachar Joshi organized by KK College of Pharmacy Chennai on 10th June 2020.
- Participated in National Webinar on Analysis of Variance in Pharmaceutical Experimentation: one way, two way, three way ANOVA and Multiple Comparision tests organized by Viswanadha Institute of Pharmaceutical Sciences in association with Mybo group on 28th June 2020.
- Participated in Webinar on Pharmacoeconomics the future of Indian healthcare on 4th July 2020 organized by Chalapathi Institute of Pharmaceutical Sciences, Guntur in association with ISPOR-INDIA.
- Participated in National webinar organized by Seven Hills college of Pharmacy, Tirupati, on July 11th 2020.
- Participated in the webinar on Long Term Impact of Covid-19 Pandemic on Healthcare Scenario in India held on 13th July 2020 organized by Ministry of

Information and Broadcasting in association with Sarada Vilas college of pharmacy, Mysuru.

- Participated in Webinar on Digital Marketing as a Career Option held on July 25th 2020.
- Participated in 3day “National Symposium on Recent Trends in Pharmaceutical Research organized by SreeVidyanikethan College of Pharmacy, Tirupati from 30th July to 1st August 2020.
- Acted as chairperson inn UGC Sponsored National Seminar on “Modern Trends in Drug Development” during 2nd and 3rd March 2021.
- Participated and Presented a poster in UGC Sponsored National Seminar on “Existing and Emerging Trends in Animal Toxicity Studies and Regulatory Toxicology” during 30th and 31st March 2021.
- Participated in the National Webinar on How to develop a Research Proposal organized by Vignan Pharmacy Institutions on 5th July 2021.
- Participated in National Webinar on Intellectual Property Rights held on 15th July 2021 organized by Nirmala College of Pharmacy
- Participated in National Webinar entitled “From Good to Great Teacher organized by Caritas College of Pharmacy, Kottayam on Friday 25th June 2021.
- Participated in the National Webinar on Current Scenario of Pharmacovigilance and CPCSEA held on 29thJuly 2021.
- Participated and Presented a poster in UGC Sponsored National Seminar on “Innovative Technologies in Pharmaceutical Research- Software Based Approaches” during 25th and 26th February 2022.
- Participated and presented a poster in UGC Sponsored National Seminar on “Nanosystems For Targeted Drug Delivery” during 29th and 30th March 2022.
- Participated and presented a poster in UGC Sponsored National Seminar on “Advances in Phytomedicine and Phytonanocomposites” during 1st and 2nd February 2023.
- Worked as Co- Convener, Organizing Secretary and Joint Organizing Secretary in various UGC Sponsored National and International Seminars organized at University College of Pharmaceutical Sciences, Acharya Nagarjuna University from 2012 till date.

Workshop:

- Actively participated in the AICTE-INDUSTRY INSTITUTE PARTNERSHIP CELL sponsored Seminar and Technical Workshop held on the topic entitled “Pharmaceutical Product Development” at Bapatla College of Pharmacy on October 10th, 2013.
- Participated in two days National Workshop on “Experimental pharmacological Techniques” sponsored by CPCSEA- MINISTRY OF ENVIRONMENT & FORESTS, GOVT.OF INDIA held at Acharya Nagarjuna University college of Pharmaceutical Sciences on 28th& 29th April 2014.
- Participated in the UGC sponsored Two days National workshop on “Role of Modern Instrumentation Techniques in Current Concepts of Pharmaceutical sciences” held at Acharya Nagarjuna University college of Pharmaceutical Sciences on 14th& 15th March 2014.
- Participated in UGC Sponsored national workshop on “ Intellectual Property rights and Patent Filing” held at Acharya Nagarjuna University College of Pharmaceutical Sciences, on 25th& 26th March 2015.
- Participated in a two day Workshop on “Recent Trends in Experimental Pharmacology” organized by the KVSRR Siddhartha college of Pharmaceutical Sciences, during 11th and 12th September 2015.
- Participated in UGC sponsored National workshop on “Trends in Pharmaceutical Research and Role of Software Applications” organised by the Acharya Nagarjuna University College of Pharmaceutical Sciences, Nagarjuna Nagar, during 28TH& 29TH March 2016.
- Participated in one day Workshop on “Scopus- Research Management and Publishing Tool” held on 13th June 2016 at Acharya Nagarjuna University.
- Participated in two day Workshop on “ Preparation of SSR for Assessment and Accreditation” held during 26-09-2016 and 27-09-2016 at Acharya Nagarjuna University.
- Participated in national workshop on Software applications in quality by design and CDM” organized by Nirmala college of pharmacy on 16th December 2017.
- Participated in one day workshop on Recent trends in transdermal and per oral drug delivery systems organized by KVSRR Siddhartha College of Pharmaceutical Sciences, during 23rd April of 2018.

- Participated and Presented a poster in DHR-ICMR Sponsored National Workshop on “Newer Diagnostic Modalities and Therapeutics in Cancer during 20th and 21st June 2019.
- Participated in one day workshop on “Artificial Intelligence in Drug Discovery” organized by CSIR North East Institute of Science and Technology, Jorhat on 01-09-2020.

Training Program / Orientation Programs Attended and Participated:

- Participated in 21- days Refresher Course sponsored by UGC -Academic Staff College, Andhra University, Visakhapatnam held in December 2014.
- Participated in RBPT- Stem cell Programme organized by CoSME – IISER held at Jaipur in September 2018.

Personal Information

Full Name :Dr.M.Gayatri Ramya

Gender :Female

Language known :English, Telugu, and Hindi,

Marital Status : Married,

Declaration

I hereby declare that all the information furnished above is true as per best of my knowledge.

Place: Guntur

Date:

Yours Sincerely
Dr. M.Gayatri Ramya