



Prof. Dr. N. SENTHIL KUMAR  
Principal,  
JKK Munirajah Medical research foundation  
Annai JKK Sampoorani Ammal College of pharmacy  
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Namakkal Dt.

## CONTACT

### Phone:

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### Address:

8/1188-E, EB Colony,  
Lakshmi nagar,  
Vasavi college post,  
Erode- 638316

## SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

## LANGUAGES

- English (Fluent)
- Tamil (Fluent)

## PROFILE

I aim to establish a career in an academic setting that will enhance my skills and potential. I am eager to work in a challenging and creative environment and contribute to the institute's success.

## ACADEMIC QUALIFICATION

- **Doctorate of Pharm.Chem. (Ph.D)** Investigation of medicinal plants for anti-oxidant potentials 2008 from The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu (JSS College of Pharmacy, Ooty.)
- **Master of Pharmacy (M. Pharm)** - 1993-1995 from The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu ( KM College of Pharmacy, Madurai).  
Research Topic: Estimation of Albendazole in different brands by using simple UV-Visible spectrophotometric method.
- **Bachelor of Pharmacy (B. Pharm)** - 1986-1992 from The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu (JKK Natarajah College of Pharmacy. Komarapalayam).
- **Diploma in Pharmacy (D. Pharm)** - 1982-1984 from Board of Pharmacy, Directorate of Medical Education, Chennai, Tamil Nadu. (Vinayaka Mission's college of pharmacy, Salem).

## AREA OF INTEREST

- Analytical Research
- Bioanalytical Research
- Phyto and Synthetic Chemistry
- Pharmacology

## PROFESSIONAL EXPERIENCE

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- Vice President APTI Tamilnadu branch
- From Oct 2006 onwards -Till date, working as Principal. JKK Munirajah Medical Research Foundation, Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam
- From July 2004 - Oct 2006, Deputation to Doctorate Studies, JSS College of pharmacy, Ooty. 3 yrs, Through QIP AICTE sponsored.
- From Oct 1996 - July 2004, worked as Asst.Prof. JKK Munirajah Medical Research Foundation, Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam.
- 7.6 yrs
- From July 1995 - Oct 1996, worked as Asst. Prof. Vinayaka Missions of Pharmacy. 1.6 yrs
- From September 1992 - January 1994 worked as Lecturer ,JKK Munirajah Medical Research Foundation, Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam.

## PH.D UNDER MY GUIDESHIP

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- The Tamil Nadu Dr.M.G.R.Medical University : 7 candidates + 5 candidates under progress
- Prist University. Thanjavur. Tamilnadu : 3 candidates
- Sun Rise University. Alwar. Rajasthan. : 9 candidates

## PROFESSIONAL MEMBERSHIP

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- Life Member, Association of Pharmaceutical Teachers of India (APTI) TN/LM-180
- IPA – TN/BKP/LM/0012
- Senate member – 123, The Tamil nadu Dr.M.G.R. Medical University, Chennai.

## PROJECT GUIDED

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- UG LEVEL : 45
- PG LEVEL : 76
- Ph.D LEVEL : 19

## RESEARCH PAPERS PUBLISHED NATIONAL / INTERNATIONAL LEVEL

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- NATIONAL : 75
- INTERNATIONAL : 57

## RESEARCH PAPERS PUBLISHED NATIONAL / INTERNATIONAL LEVEL

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- Generation of Cells Within Human Nurse Macrophages and Consequences Following HIV Infection
- Self-Renewing Mono Cytoid Cells (SRMC) Derived from Cultured Blood Monocytes As Targets And Hosts For Viruses
- Characterization Of Nurse Macrophage-Derived Cells That Express Stem Cell Markers
- A Community-Based Prospective Cohort Study of Pregnant Women in Tribal Gujarat- A Methodology Kranti Vora<sup>1, 2</sup>, Paridhi Gupta<sup>1</sup>, Shahin Saiyed<sup>1</sup>, Parth Tailor<sup>1</sup>, Bhumika Prajapatil ...
- A Community-Based Prospective Cohort Study of Pregnant Women in Tribal Gujarat–A Methodology
- A Comprehensive Review on Pharmacologic Agents, Immunotherapies and Supportive Therapeutics For COVID-19
- A Novel Quartile Scoring-Based Methodology for Assessing Combinatorial Association of Prenatal Cortisol And DHEA-S With Birth Outcome Among Pregnant Women
- A Novel Validated Stability Indicating HPTLC Method for the Simultaneous Estimation of Irbesartan and Hydrochlorothiazide in Active Pharmaceutical Ingredients
- A Perspective on Applications of Geographical Information System (GIS); An Advanced Tracking Tool for Disease Surveillance and Monitoring in Veterinary Epidemiology

- A Perspective on Applications of Geographical Information System (GIS): An Advanced Tracking Tool for Disease Surveillance and Monitoring in Veterinary Epidemiology.
- A Study on HPLC Method Development and Validation over Sofosbuvir and Simeprevir Tablet Dosage Form
- A Validated Stability Indicating Rp-HPLC Method for the Estimation of an Anti-Cancer Drug Regorafenib in Pure and Pharmaceutical Dosage Form
- Abstracts of Papers Presented at the 25th Genetics Society's Mammalian Genetics and Development Workshop Held at the Institute of Child Health, University College London on 7th.
- Analytical Method Development and Validation for Simultaneous Estimation of Bempedoic Acid and Ezetimibe in Pure and its Pharmaceutical Dosage Form by RP-HPLC
- Analytical Method Development and Validation for Simultaneous Estimation of Nirmatrelvir and Ritonavir in Pharmaceutical Dosage Form by RP-HPLC
- Analytical Method Development and Validation for the Determination of Dicyclomine Hydrochloride and Diclofenac Potassium by UHPLC in Solid Dosage Forms
- Anti-Hyperglycemic and Anti-Lipidemic Activity of Ethanolic Extract of Bauhinia Tomentosa (Linn) Flower in Normal and Streptozotocin-Induced Diabetic Rats
- Anti-Inflammatory and Antipyretic Activity of Fioria Vitifolia
- Anti-inflammatory, analgesic and antipyretic activity of methanolic extract of catunaregum spinosa thunb.
- Anti-Neoplastic Effect of Chicken Anemia Virus VP3 Protein (Apoptin) in Rous Sarcoma Virus-Induced Tumours in Chicken
- Anti-Neoplastic Effect of Chicken Anemia Virus VP3 Protein (Apoptin) in Rous Sarcoma Virus-Induced Tumours in Chicken.
- Antibody-Based Immunotherapeutics and Use of Convalescent Plasma to Counter COVID-19: Advances and Prospects

- Antioxidant Activity of the Methanol Extract of Hypericum Hookerianum Stem Ehrlich Ascites Carcinoma Bearing Mice.
- Antioxidant and Hepatoprotective Activity of the Methanol Extract of Careya Arborea Bark in Ehrlich Ascites Carcinoma-Bearing Mice.
- Antipyretic Activity of Zizyphus Jujuba Lam. Leaves
- Antitumor Activity and Antioxidant Status of the Methanol Extract of Careya Arborea Bark Against Dalton's Lymphoma Ascites-Induced Ascitic And Solid Tumor in Mice
- Antitumor Activity and Antioxidant Status of the Methanol Extract of Careya Arborea Bark Against Dalton's Lymphoma Ascites-Induced Ascitic And Solid Tumor in Mice.
- Antitumor Activity of Methanolic Extract of Hypericum Hookerianum on EAC Cell Line in Swiss Albino Mice
- Antitumor Activity of the Methanol Extract of Hypericum Hookerianum Stem Against Ehrlich Ascites Carcinoma in Swiss Albino Mice
- Assessment of Analgesic and Antipyretic Activity of Traditional Formula used in the Treatment of Seasonal Infections.
- Assessment of Quantitative and Functional Aspects of Dendritic Cell Subsets in Early Onset Pre-Eclampsia Patients
- Assessment of the Anti-Diabetic Activity of Schefflera Stellata Leaves Ethanolic Extract on Streptozotocin-Induced Diabetes in Wistar Rats.
- Association Between Primary Hypothyroidism and Metabolic Syndrome and the Role of C Reactive Protein: A Cross-Sectional Study from South India
- Association of Maternal Toxoplasma Gondii Molecular and Serological Positivity with Child's Gross-Motor Development and Behavior in Tribal Regions of Gujarat, India.
- Bio detection Dogs for COVID-19: An Alternative Diagnostic Screening Strategy
- Biological And Molecular Characterization of Chicken Anemia Virus Isolates of Indian Origin
- Formulation and invitro evaluation of mucoadhesive buccal tablets of Losartan potassium using natural polymer

- Biological And Molecular Characterization of Chicken Anemia Virus Isolates of Indian Origin
- Community Level Barriers for Cervical Cancer Screening in Marginalized Population
- Comparative Evaluation of the Origin, Evolution, Transmission, Diagnosis, and Vaccine Development of Three Highly Pathogenic Human Coronaviruses (SARS-COV, MERS-COV And SARS-COV-2)
- Comparative Profiling of Prenatal Cortisol And DHEA-S Among Pregnant Women with Poor Birth Outcome and Pregnant Women with Normal Birth Outcome
- Comparative Profiling of Salivary Cortisol and Salivary DHEA-S Among Healthy Pregnant and Non-Pregnant Women
- Comparison of Fixed Dose Combination Regulation of Japan, Europe, USA with India
- COVID-19 Case Fatality Rate: Misapprehended Calculations
- COVID-19 In the Elderly People and Advances in Vaccination Approaches
- CRISPR-Cas System: An Approach with Potentials For COVID-19 Diagnosis and Therapeutics
- De Novo Generation of Cells Within Human Nurse Macrophages and Consequences Following HIV-1 Infection
- Design, Synthesis, and In-Vitro Anti-Tuberculosis Activity of 2-Substituted-1,5-Diphenyl-1,2-Dihydro 3H-1,2,4-Triazole-3-Thione Derivatives
- Detection of a Shared HIV Protease-RT Deletion in Patient Plasma & Cells: A Role for ARV-Mediated Selection and Viral Complementation
- Development and Evaluation of Clopidogrel Bisulphate Buccal Patch for Treatment of Thrombosis

- Development and Evaluation of Floating Tablets of Ciprofloxacin Hcl
- Development And Validation of a Precise Rp-HPLC Method for Simultaneous Analysis of Fexofenadine Hydrochloride and Cetirizine Hydrochloride in Combined Tablet Formulation
- Development and Validation of an Analytical Method for Estimation of Telmisartan and Metoprolol Succinate By UHPLC
- Development and Validation of Stability-Indicating Rp-HPLC Method for the Simultaneous Determination of Citicoline and Nimodipine in Bulk and Tablets
- Direct Detection of Chicken Anaemia Virus in Plasma and Serum of Chickens by Polymerase Chain Reaction
- Direct Detection of Chicken Anaemia Virus in Plasma and Serum of Chickens by Polymerase Chain Reaction.
- E5 A Convenient Mouse Model for Acute HIV Infection Mimicking Pathogenesis in Humans
- Emergence of Second Wave of SARS-Cov-2 Infections During the Ongoing COVID-19 Pandemic: A Mini Review.
- Evaluation of Anti-Diabetic Activity of Caesalpinia Sappan Wood Against Alloxan Induced Diabetic Rats
- Evaluation of Anti-Ulcer Activity of Samanea Saman (Jacq) Merr Bark on Ethanol and Stress Induced Gastric Lesions in Albino Rats
- Evaluation of Anti-Ulcer Activity of Samanea Saman (Jacq) Merr Bark on Ethanol and Stress Induced Gastric Lesions in Albino Rats.
- Evaluation of Antipyretic Activity of Methanolic Extract of Euphorbia Cyathophora
- Evaluation of Invitro Anti-Diabetic and Anti-Oxidant Activity of Stachytarpheta Urticifolia Sims Leaves Extracts
- Formulation and Evaluation of Cefuroxime Axetil Oral Suspension
- Formulation and Evaluation of Mouth Dissolving Loratadine Tablet Using Super Disintegrants
- Formulation and Evaluation of Transdermal Patch in the Aqueous Extract of Anthurium Andraeanum Lind for Treatment of Inflammation

- Formulation Development and Stability Study of Sunscreen
- From Garden to Medicine Cabinet: Harnessing The Power of Plants In Diabetes Care
- Geriatric Population During the COVID-19 Pandemic: Problems, Considerations, Exigencies, and Beyond
- Green Synthesis, Docking Studies and Anti Diabetic Activity of Novel Amino Fused Trizole Scaffold.
- How Artificial Intelligence May Help the Covid-19 Pandemic: Pitfalls and Lessons for the Future
- Hypoglycemic Effects of Barleria Noctiflora Fractions on High Fat Fed with Low Dose Streptozotocin Induced Type-2 Diabetes in Rats
- Immunological Aspects and Gender Bias During Respiratory Viral Infections Including Novel Coronavirus Disease-19 (COVID-19): A Scoping Review
- Immunotherapies and Immunomodulatory Approaches in Clinical Trials-A Mini Review
- Impact Of COVID-19 on Family Planning Services in India
- Impact Of COVID-19 on Women and Children and The Need for a Gendered Approach in Vaccine Development
- In Vitro Screening of Various Extract of Barleria Noctiflora for their Antioxidant and Free Radical Scavenging Activity
- in Vitro Studies of Various Extract of Ensete Superbum for their Antioxidant and Free Radical Scavenging Activity.
- In-Vitro Screening of Methanolic Leaf Extracts of Albizia Saman (Jacq.) Merr, for their Antioxidant Property
- Indirubin 3'-Monoxime, From A Chinese Traditional Herbal Formula, Suppresses Viremia in Humanized Mice Infected with Multidrug-Resistant HIV



- Insights On Various Antiviral Drugs for Treating Patients With COVID-19
- International Travel During the COVID-19 Pandemic: Implications and Risks Associated with ‘Travel Bubbles’
- International Travel During the COVID-19 Pandemic: Implications and Risks Associated with “Travel Bubbles”
- Method Development and Validation for the Estimation of Telmisartan and Chlorthalidone in Bulk and Pharmaceutical Dosage Form by HPTLC Method
- Methodology Considerations for the Molecular Detection of TORCH Organisms using PCR Approaches.
- Multidrug Resistant Tuberculosis Co-Existing with Aspergilloma and Invasive Aspergillosis in a 50 YearOld Diabetic Woman: A Case Report
- Negative and Positive Environmental Perspective of COVID-19: Air, Water, Wastewater, Forest, and Noise Quality
- Nipah Virus: Epidemiology, Pathology, Immunobiology and Advances in Diagnosis, Vaccine Designing and Control Strategies–A Comprehensive Review
- Novel Method for Determination of Pomalidomide in Human Plasma by Ultra Performance Liquid Chromatography Mass Spectroscopy / Mass Spectroscopy
- One World, One Health-Veterinary Perspectives
- Optimization of Stability Indicating RP-HPLC Method for the Estimation of an Anti-Cancer Drug Sorafenib Tosylate in Pure and Pharmaceutical Dosage Form
- Overview of a Multipotent Medicinal Tree *Heritiera Littoralis*: For Future Prospects
- Patient Safety and Efficacy Considerations in Abbreviated New Drug Application (ANDA) Evaluation: Balancing Access and Regulation
- Harmonizing analytical method and process validation: A comparative study of ICH and ASEAN guidelines

- Pharmacognostic and Preliminary Phytochemical Evaluation of Zizyphus Jujuba Lam. Leaves
- Pharmacognostic And Preliminary Phytochemical Evaluation of Zizyphus Jujuba Lam. Leaves
- Pharmacognostic, Phytochemical Screening and In-Vitro Studies on Anti- Arthritic and Anti-Oxidant Activity of Spermaceoce Hispidaleaf
- Pharmacognostical and Preliminary Phytochemical Studies of Bauhinia Tomentosa L
- Pharmacognostical Studies and Phytochemical Investigation of Barleria Noctiflora Linn (Acantheceae)
- Phytochemical Warriors: Investigating Medicinal Plants for Anticancer Effects
- Pilot Study Protocol for Determining Differences in Quantitative and Functional Aspects of Dendritic Cell Subsets in Early Onset Pre-Eclampsia Patients-A Feasibility Study
- Pitfalls and Lessons for The Future: Pitfalls and Lessons for the Future
- .Plant-Based Vaccines and Antibodies to Combat COVID-19: Current Status and Prospects
- Possibility of SARS-Cov-2 Transmission from the Breast Milk of COVID-19 Affected Women Patients to their Infants: Worries and Strategies to Counter it
- Potent In Vitro Cytotoxic and Antioxidant Activity of Careya Arborea Bark Extracts.
- Prevalence of High-Risk HPV Among Marginalized Urban Women in India and its Implications on Vaccination: A Cross Sectional Study
- Prevalence of Sickle Cell Disease, Sickle Cell Trait and HBS-Beta-Thalassemia in India: A Systematic Review and Meta-Analysis
- Prevalence of TORCH Infections During Pregnancy: A Prospective Cohort Study in Tribal Region of Gujarat, India
- Quality of Life and Associating Factors in Pulmonary Tuberculosis Patients

- Ramping Up of SARS Cov-2 Testing for the Diagnosis of COVID-19 to Better Manage the Next Phase of Pandemic and Reduce the Mortality in India
- Recent Advances in Immunotherapy for the Treatment of Cancer
- Regulatory Requirements: The Orphan Drugs in Various Countries
- SARS-Cov-2 Existence in Sewage and Wastewater: A Global Public Health Concern?
- SARS-Cov-2 Infection During Pregnancy and Pregnancy-Related Conditions: Concerns, Challenges, Management and Mitigation Strategies–A Narrative Review
- SARS-Cov-2 Infection in Farmed Minks, Associated Zoonotic Concerns, and Importance of the One Health Approach During the Ongoing COVID-19 Pandemic
- SARS-Cov-2 Spike Protein Extrapolation for COVID Diagnosis and Vaccine Development
- SARS-Cov-2/COVID-19: Salient Facts and Strategies to Combat Ongoing Pandemic
- Simultaneous Equation Method for the Estimation of Lamivudine, Nevirapine and Zidovudine in Bulk and Tablet Dosage Forms
- Stability Indicating HPTLC Method Development and Validation for Simultaneous Estimation of Spironolactone and Hydrochlorothiazide Bulk and in Tablet Dosage Form
- Stability Indicating RP-HPLC Method Development and Validation for the Simultaneous Determination of Vildagliptin and Metformin in Pharmaceutical Dosage Form
- Stability-Indicating RP-HPLC Method Development and Validation for Simultaneous Estimation of Cinnarizine and Piracetam Bulk and in Capsule Dosage Form
- Stem Cells and their Clinical/Therapeutic Applications in Biomedical and Veterinary Science-The Perspectives.
- Strengthening of Molecular Diagnosis of SARS-Cov-2/COVID-19 With a Special Focus on India J. Pure Appl. Microbiol., May 2020; 14 (Spl Edn.)

- Strengthening of Molecular Diagnosis of SARS-Cov-2/COVID-19 with a Special Focus on India
- Synthesis and Biological Activity of New Indole Based Derivatives as Potent Anti-Inflammatory Agent
- Synthesis, Characterization and In-Vitro Studies on Chalcone Based Quinoxaline: Acetylcholinesterase Inhibition Through In-Silico Technique for Alzheimer's Disease
- Synthesis, Characterization, Docking Studies, and In- Vitro Cytotoxic Activity of Some Novel Substituted (3,5-Dimethyl-1h- Pyrazol-1-Yl) (Phenyl) Methanone Derivatives
- Design, synthesis of some Novel oxadiazole based Derivative and Evaluation for their in-vitro Anti-oxidant Activity.
- Synthesis, Docking Studies and Biological Evaluation of Thiophene-Oxadiazole Hybrid Derivatives.
- The First Report of a Possible SARS-Cov-2 Reinfection in Nepal.
- The Kidney and COVID-19 Patients–Important Considerations
- The Role of Disinfectants and Sanitizers During COVID-19 Pandemic:Advantages and Deleterious Effects on Humans and the Environment
- Thyroid Research
- Transformer-Based Classification of European Court of Human Rights Cases
- Unraveling the Anti-Epileptic Potential of Pavonia Procumbens: Phytochemical Insights and Neuroprotective Potential
- World Journal of Pharmaceutical and Medical Research
- Wound Healing Activity of Ethyl Acetate Fraction of Barleria Noctiflora in Experimentally Induced Diabetic Rats

## **BOOKS PUBLISHED**

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- 1 - Chapter in Natural Plants Vs Cancer Lambert Publishing info, Germany by Lambert Academic Publishing, Germany

## **PATENT**

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- Patent : 1

## **PERSONAL DETAILS**

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- Name : **Prof. Dr. N. SENTHIL KUMAR**
- Father's Name : Late Mr. P.Natesan.
- Date of Birth : 25.05.1967
- Sex : Male
- Marital Status : Married
- Nationality : Indian
- Religion : Hindu
- Languages Known : English, and Tamil.
- Residence : 8/1188-E, EB Colony, Lakshmi nagar, Vasavi college post, Erode- 638316

**YOURS FAITHFULLY,**



**(PROF. DR. N. SENTHIL KUMAR)**