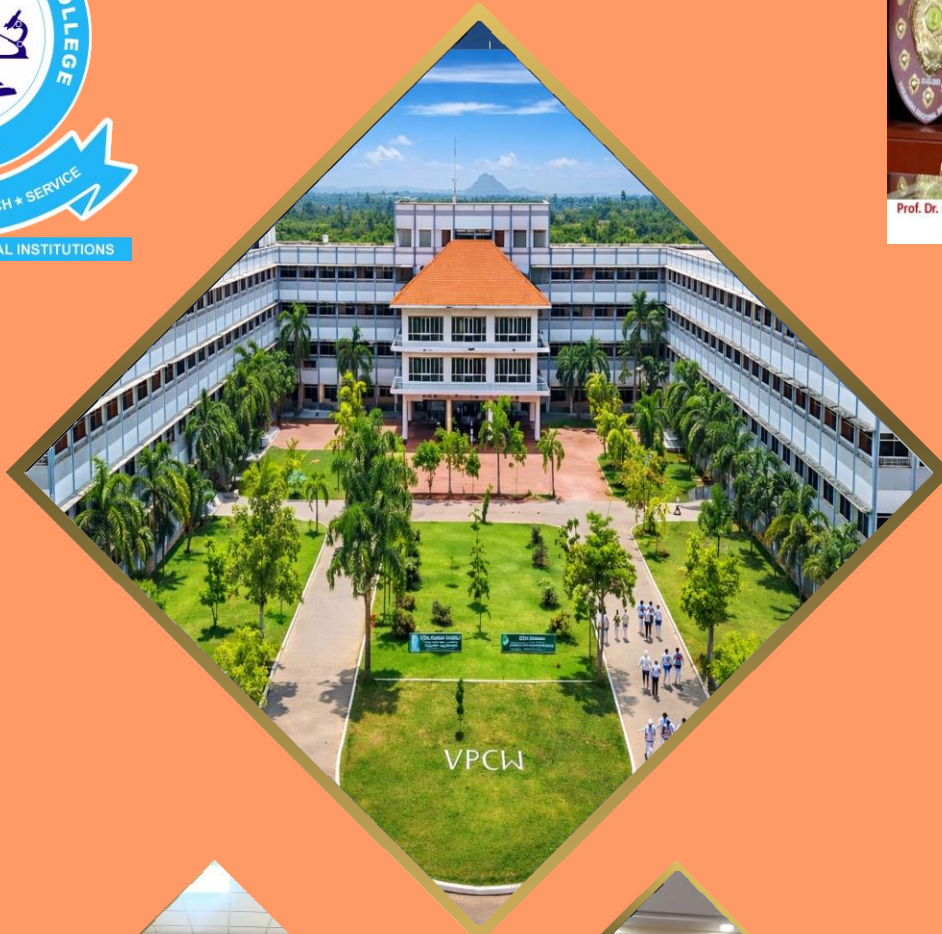




VIVEKANANDHA PHARMACY COLLEGE

ASTER REPORT

MAY 2026

SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE

Elayampalayam - 637 205, Tiruchengode, Namakkal Dt.,
website : svmchri.com, e-mail : svmchriadmissions@vivekanandha.ac.in



- Accident and Toxicology Emergency Care
- General Medicine
- Diabetology
- Cardiology
- Obstetrics and Gynecology
- Orthopedic Surgery
- General Surgery
- Pediatrics
- Physiotherapy & Rehabilitation
- Nephrology
- Ophthalmology
- Medical Oncology
- Radiology (CT / MRI / USG)
- ENT
- Obesity and Fitness Center
- Nutrition and Dietetics
- 24 hrs Cath Lab
- Laparoscopic Surgery
- Neurology
- Master Health Check - UP
- Dental Care



VIVEKANANDHA
MEDICAL CARE HOSPITAL

Elayampalayam, Tiruchengode Taluk, Namakkal Dist, Ph : 04288 - 224422, 7373100100



NABH Pre Accredited

24 Hours Emergency Cardiac Center



Thiru Balaji Scan Centre, Allwin Diagnostics (P) Ltd.,

Main Campus : Elayampalayam, Tiruchengode, Namakkal Dt., Tamilnadu.

Branch : Tiruchengode Town.

Mail : care@vivekanandha.hospital / Web : vivekanandha.hospital

24 HOURS EMERGENCY
AMBULANCE CONTACT

☎ **7373 100 100**



VIVEKANANDHA PHARMACY COLLEGE, SANKARI



“VIDHYA RATHNA”

Prof. Dr. M. KARUNANITHI B.Pharm., M.S., Ph.D., D.Litt.,

Chairman & Secretary

**Vivekanandha Educational Institutions & Hospitals
Tiruchengode & Sankari**

The Chairman's Desk

Prof.Dr.M.Karunanithi is the Chairman and Secretary, Vivekanandha Educational Institutions for Women & Vivekanandha Medical Care Hospital. The untiring work of the philanthropist, and the living legend, has been honored with Vidhya Rattan, Rashtriya Rattan, Hind Rattan, and Kongunattu Sathanaiyalar for his sincere and committed work for the successful enhancement of women and empowerment in different educational genres. Such a benefactor of women hatches vision with mission and fosters their developments in all walks of life. He is a versatile person and a pioneer in the field of women empowerment and a role model to all the young minds. He is a man of wisdom who paves the right path for thousands and thousands of women students.

VIVEKANANDHA PHARMACY COLLEGE, SANKARI

The principal's Desk



A warm and hearty welcome to Vivekanandha Pharmacy College, Sankari. It is with immense pride and a deep sense of responsibility that I lead this esteemed institution, a place where future generations of women leaders in pharmacy are nurtured.

Our core commitment is to a triad of excellence: academics, research, and holistic development. We believe that true education transcends the classroom. This belief is brought to life by our experienced and dedicated faculty, who serve as mentors and guides. They are supported by our state-of-the-art facilities and a comprehensive curriculum designed to be both rigorous and relevant. This powerful combination ensures that our students are not just well-educated, but also well-prepared to confidently step into their future careers and make a significant impact.

A – ACADEMIC EXCELLENCE

• Faculty Awards

- **Dr. T. Sudhamani, Ms. L. Lathamani, Mr. J. Dhanasekar, Ms. Snehal Dasharath Pawar** were awarded as **Elite + Gold** grade in recognition of their excellent performance in NPTEL exams.
- **Dr. T. Sudhamani**, successfully completed the NPTEL 12-week course on "**Herbal Product Technology & Regulatory Science**" with a score of **90%**, and was awarded the **Elite + Gold** grade in recognition of her excellent performance.
- **Ms. L. Lathamani, Mr. J. Dhanasekar, Ms. Snehal Dasharath Pawar** were successfully completed the NPTEL 4-week course on "**Experimental Nanobiotechnology**" with a score of **91%, 90 % & 93%** respectively.



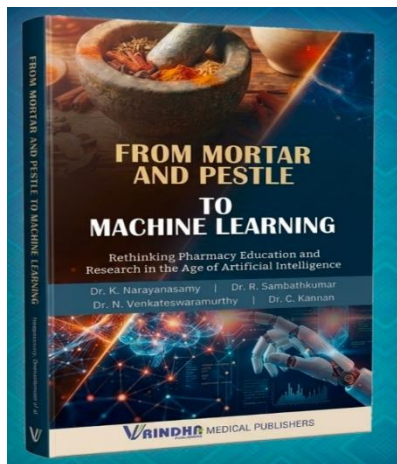
• **Student Academic Achievements:**

- B.Pharm 3rd semester students secured 90.72% pass rate in all subjects.

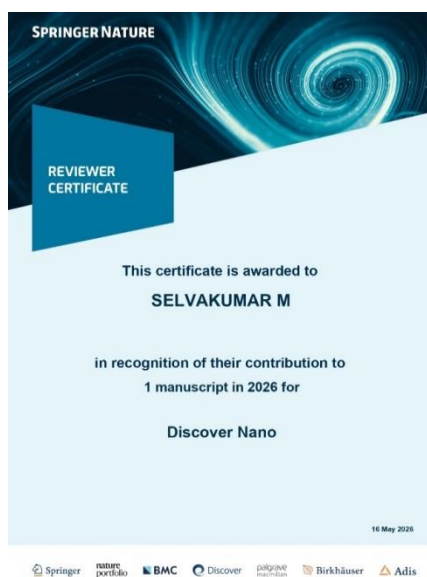
• **Newsletter, Book Chapter & Resource contribution**

- ✓ **Dr. K. Krishnaveni**, as Chief Editor, in association with **Dr. P Dineshkumar, Dr R. Arvinthkumar, Dr. C. Arokia Rani, Dr. S. Ruban, Dr. Hirija** Department of Pharmacy Practice successfully contributed the scientific content to **Clinical Insights Newsletter** (January–April 2026 issue).

- ✓ **Dr. K. Rajendran & Dr. K. Krishnaveni** have contributed a **book chapter** in the edited volume “**From Mortar and Pestle to Machine Learning: Rethinking Pharmacy Education and Research in the Age of Artificial Intelligence**”, ISBN: 978-81-989710-0-5; published by Virndha Medical Publishers on May 2026.
- ✓ **Dr. K. Krishnaveni** actively contributed as an **Invited Reviewer** for the research article in the **Journal of Discover Public Health** on 06.05.2026.

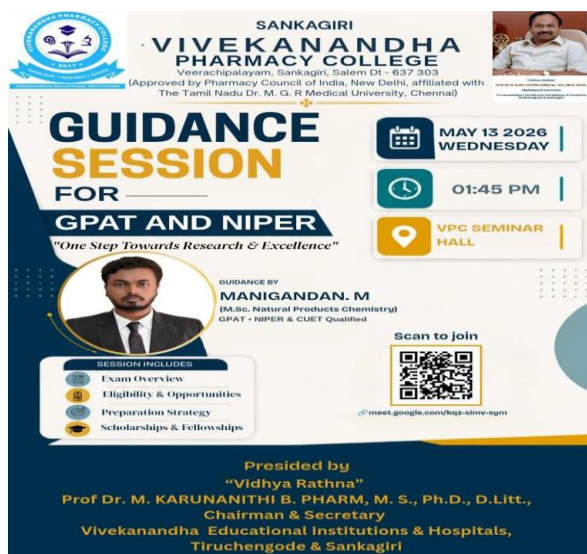
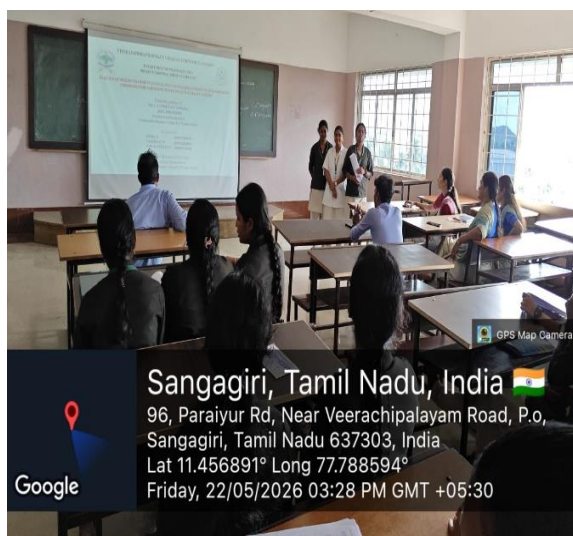


- ✓ **Dr. M. Selvakumar** actively contributed as an Invited Reviewer for *Discover Nano* – Springer Nature Journal (16.05.2026).
- ✓ **Dr. M. Selvakumar** actively contributed as an Invited Reviewer for *3D Printing Innovations* - Journal – UK Scientific Publishing Limited (23.05.2026).



S – STUDENT-CENTERED ACTIVITIES

- **Exam Cell: Dr.R.Thirumurthy** - Chief Superintendent actively involved in conducting The TNMGRMU - PHARM -D Theory examination APRIL 2026 Session from 30.04.2026 to 22.05.2026.
- **Dr. T. Sudhamani, Dr. M. Selvakumar, Mr. S. Nandhakumaran, Ms. L. Lathamani, Mr. J. Dhanasekar Ms. Snehal Dasharath Pawar** had actively participated in the **Journal club** presentation and guided 8th semester project students for the **title selection** for their upcoming Research Project. Mr. J. Dhanasekar organized a GPAT Guidance Session for VI and VIII Semester B.Pharm students on 13 May 2026. The session provided valuable insights into GPAT preparation strategies, higher education opportunities, and career prospects in pharmaceutical sciences.



T – TEACHING / TRAINING / TECHNOLOGY

- Ms. L. Lathamani, Assistant Professors, Department of Pharmaceutics had actively participated in live webinar organized by **PubWrite Academy** on the topic of “**Smart use of AI in Scientific Writing: Tools, Ethics & Limitations**” on 02.05.2026 and another topic on “**Patent Research and Analysis-Industrial Overview**” on 10.05.2026.



- **Dr. R. Arvinthkumar & Dr. S. Ruban**, Assistant Professors, Department of Pharmacy Practice, actively participated **5 days Faculty Development Programme**, On April 27 to 30, 2026 and May 4, 2026. Topic on **"Translational Research Excellence: From Grant Proposal To Clinical Practice and Innovation"**, Organized by, Faculty of Pharmacy, Karpagam Academy of Higher Education, Coimbatore.



- **Ms. L. Lathamani & Mrs. Mounika** had actively participated 2 days online workshop on “Homology modeling, Binding site prediction and Multi-Ligand Docking: From theory to application” conducted by **Discovery Boulevard** from 07.05.2026 –



08.05.2026.

- **Ms. Snehal Dasharath Pawar & Ms. L. Lathamani** had actively participated 3 days online workshop on “Drug Regulatory Affairs & Global Pharma Regulations” conducted by **Eduvea** from 29.05.2026 – 31.05.2026.



- **Mrs. Mounika attended Workshop:** Homology modeling, binding site prediction and multi ligand docking: from theory to application dated on May 07.08.2026 also she attended International clinical trials (ICTD) 2026, organized by Clinsol Research Pvt Ltd dated on May 18, 2026.



E – EDUCATION / EXTENSION

- **Dr. R. Arvinthkumar** had taken responsibility as PCI Co-ordinator and successfully completed the PCI inspection on 06.05.2026.
- **Dr. K. Krishnaveni** successfully organized first dose of **Free HPV vaccination camp** for our VPC students at Tiruchengode campus on 06.05.2026 and 18.05.2026. **Dr. Arokiarani** actively coordinated the students on 18.05.2026. Totally 105 students were benefited from this camp.
- **Administrative Support:** Mr. S. Sakthisundaram actively involved and performed the UMIS and student scholarship work in the May month.
- **Healthcare:** Dr. K. Krishnaveni successfully organized first dose of Free **HPV** vaccination camp for our VPC students at Tiruchengode campus on 06.05.2026 and 18.05.2026. Dr. Arokiarani actively coordinated the students on 18.05.2026. Totally 105 students were benefited from this camp.
- **Inspection:** All department staffs actively involved in preparing documents for the **PCI and MGR University Inspection** on 04/05/26 & 06/05/26 respectively.
- **Mrs. L. Ramya** has done Aadhar seeding on UMIS for the **Pudhumai Penn Scheme** for I-B. Pharm student.
- **Mr. R. Mouleeswaran** actively involved and updated the college **website** in the May month.
- **Ms. Snehal Dasharath Pawar, Ms. L. Lathamani & Mrs. S. Gokula Priya** actively coordinated the **Hostel Day Celebration** along with VPCW faculty members in planning, organization, and successful execution of the event, ensuring active participation and smooth conduct of all activities on 08.05.2026.

R – RESEARCH / RESPONSIBILITY

Department of Pharmaceutics totally published 7- Review articles, 1-book chapter & 1- patent

- **M. Selvakumar, J. Dhanasekar, S. Nandhakumaran, T. Sudhamani.** 3D bioprinting: current status and future prospects in tissue and organ regeneration. Future Journal of Pharmaceutical Sciences, 2026, 12:58. DOI: 10.1186/s43094-026-00982-z

REVIEW

Open Access

3D bioprinting: current status and future prospects in tissue and organ regeneration

M. Selvakumar^{1*}, J. Dhanasekar¹, S. Nandhakumaran¹ and T. Sudhamani¹

Abstract

Three-dimensional (3D) bioprinting has emerged as a transformative technology in tissue engineering and regenerative medicine, offering innovative solutions for the fabrication of complex biological structures. By utilizing bioinks composed of living cells and biomaterials, 3D bioprinting enables the precise layer-by-layer construction of functional tissues and organs. This review explores the latest advancements in bioprinting techniques, including inkjet-based, extrusion-based, laser-assisted, and stereolithography-based methods. Key biomaterials used in bioprinting, such as hydrogels, natural and synthetic polymers, and composite materials, are discussed in relation to their biocompatibility and mechanical properties. The applications of 3D bioprinting in tissue regeneration, wound healing, drug testing, and organ transplantation are examined, highlighting its potential to address critical shortages in donor organs. Despite its promising benefits, challenges such as vascularization, cell viability, scalability, and regulatory hurdles remain significant barriers to clinical translation. Future directions in 3D bioprinting, including the integration of artificial intelligence, advanced bioinks, and personalized medicine approaches, are also explored. This review provides a comprehensive overview of the current status and prospects of 3D bioprinting, emphasizing its transformative potential in biomedical sciences.

Keywords 3D bioprinting, Tissue engineering, Regenerative medicine, Bioinks, Bioprinting techniques, Organ regeneration



- **Selvakumar M, Dhanasekar J, Sudhamani T, Dhanalakshmi M, Lathamani L, Nandhakumaran S, Snehal Dasharath Pawar.** Fertility preservation: advances in cryobiology, regenerative, and nanomedicine strategies – an overview. The Bioscan, 2026, 21(2): 886-907. DOI: 10.63001/tbs.2026.v21.i02.pp886-907.



21(2): 886-907, 2026

www.thebioscan.com

FERTILITY PRESERVATION: ADVANCES IN CRYOBIOLOGY, REGENERATIVE, AND NANOMEDICINE STRATEGIES – AN OVERVIEW

RUNNING TITLE:

EMERGING TRENDS IN FERTILITY PRESERVATION

SELVAKUMAR M^{1*}, DHANASEKAR J¹, SUDHAMANI T¹, DHANALAKSHMI M², LATHAMANI L¹, NANDHAKUMARAN S¹, SNEHAL DASHARATH PAWAR¹

¹Department of Pharmaceutics, Vivekanandha Pharmacy College, Sankari, Salem, Tamil Nadu, India - 637 303.

²Department of Pharmaceutical Analysis, SMVEC School of Pharmacy (Pondicherry University), Madagadipet, Pondicherry, India

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Email: murugaselva93@gmail.com

DOI: <https://doi.org/10.63001/tbs.2026.v21.i02.pp886-907>

- **Lathamani Lakshmanan***, Brindha Senthilkumar, Dhanasekar Jayakumar, Tamizharasi Sengodan, Sudhamani Thangavel, Poongodi Ranganathan, Tharani Jeevagan. *Taraxacum officinale* (Dandelion Root Extract) in Oncology: Uncovering its potential as a natural anticancer agent. International Journal of Pharmaceutical Sciences and Drug Research, 2026;18(3):1-9.

International Journal of Pharmaceutical Sciences and Drug Research, 2026;18(3):1-9



International Journal of Pharmaceutical Sciences and Drug Research

[ISSN: 0975-248X; CODEN (USA): IJPSPP]

journal home page : <http://ijpsdronline.com/index.php/journal>



Review Article

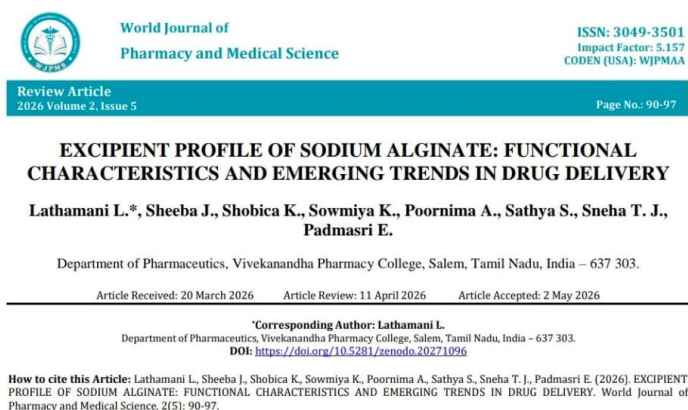
Taraxacum officinale (Dandelion Root Extract) in Oncology: Uncovering its Potential as a Natural Anticancer Agent

Lathamani Lakshmanan^{1*}, Brindha Senthilkumar¹, Dhanasekar Jayakumar¹, Tamizharasi Sengodan², Sudhamani Thangavel¹, Poongodi Ranganathan¹, Tharani Jeevagan¹

¹Vivekanandha Pharmacy College for Women, Sankari, Salem – 637 303, Tamil Nadu, India

²Nandha College of Pharmacy, Koorapalayam, Erode – 638 052, Tamil Nadu, India

- **Lathamani L*.,** Sheeba J., Shobica K., Sowmiya K., Poornima A., Sathya S., Sneha T. J., Padmasri E. (2026). Excipient profile of sodium alginate: functional characteristics and emerging trends in drug delivery. World Journal of Pharmacy and Medical Science, 2(5): 90-97. DOI: <https://doi.org/10.5281/zenodo.20271096>



- **Dhanasekar J.*,** Madhumitha G., Kaviya C., Monika P., Selvakumar M., Sudhamani T., Lathamani L., Nandhakumaran S., Snehal D. Herbal Based Microneedle Patches for Diabetes Management: A Novel Approach to Insulin Delivery. Int. J. of Pharm. Sci., 2026; 4(5): 7385-7420. DOI: 10.5281/zenodo.20412655.



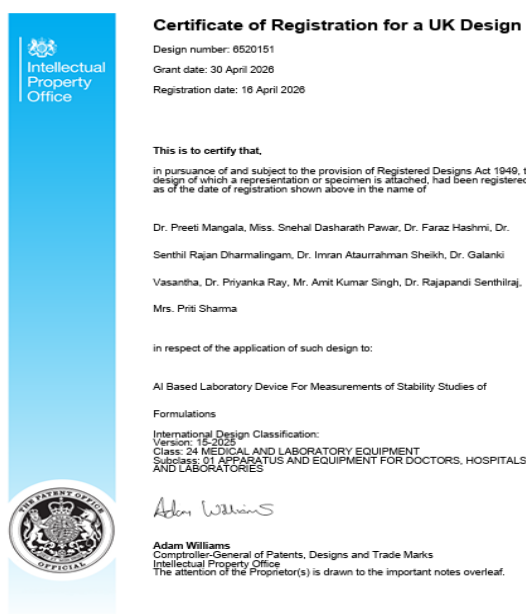
- Jeevitha K, Karthika BN, Kanmani R, **Dhanasekar J, Selvakumar M, Sudhamani T, Lathamani L, Nandhakumaran S, Snehal Dasharath Pawar.** Polymeric micelles: A novel approach for solubility enhancement in drug formulations. International Journal of Pharmaceutical Research and Applications, 2026;11(2):750–767. DOI:10.35629/4494-1102750767.

Polymeric Micelles: A Novel Approach for Solubility Enhancement in Drug Formulations

Jeevitha K, Karthika BN, Kanmani R, Dhanasekar J*, Selvakumar M, Sudhamani T, Lathamani L, Nandhakumaran S, Snehal Dasharath Pawar
Department of Pharmaceutics, Vivekanandha Pharmacy College for Women, Sankari, Salem, Tamil Nadu, India.

*Corresponding author

- **Ms. L. Lathamani** had actively contributed a **Book Chapter “Nutritional management of Sarcoidosis”** for the Book entitled **“Novel Approached to Health with Nutraceuticals Volume II”** as a Corresponding Author in Academic Decipher Press and it was cited as: **Lathamani L*, Senthil V**, Sahaya Jaini Prasanna A, Preetha KJ, Ranjini S. Nutritional management of Sarcoidosis. Academic Decipher Press, Mumbai, ISBN: 978-81-994213-9-4. Volume II, Chapter-61, 594-607.
- **Ms. Snehal Dasharath Pawar** filed a UK Design Registration titled **“AI Based Laboratory Device for Measurements of Stability Studies of Formulations” (UK Design Registration No. 6520151)**, along with co-inventors Preeti Mangala, Faraz Hashmi, Senthil Rajan Dharmalingam, Imran Ataurrahman Sheikh, Galanki Vasantha, Priyanka Ray, Amit Kumar Singh, Rajapandi Senthilraj, and Priti Sharma. The design was registered on **16th April 2026** and granted on **30th April 2026**.



Department of Pharmaceutical chemistry totally published 3- Review articles

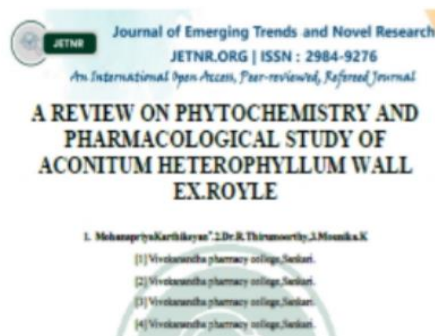
- **Mrs. K.Mounika, R.Thirumurthy, K.Mohanapriya** “From Traditional Remedy to Modern Proctology:Therapeutic Insights of *Abutilon indicum* Against Hemorrhoids” *Journal of advance and future research*, volume 4, UGC Care Orcid Semantic Scholar Publications Impact factor:9.87.



- **Mrs. K.Mounika, R.Thirumurthy, K.Mohanapriya, Dr. C.Arikiarani** “Termite Soil (Putruman) as a Potential Pharmaceutical Excipient and Bioactive Material: A Pharmaceutical Chemistry Perspective” *International Journal of Versatile Research and Analysis*, volume 4, UGC Care Orcid Semantic Scholar Publications Impact factor: 9.12.



- **K.Mohanapriya, R.Thirumurthy, Mrs. K.Mounika.** “Review On Phytochemistry and Pharmacological Study Of Aconitum Heterophyllum Wall Ex.Royle” *Journal of Emerging Trends and Novel Research*, volume 4, UGC Care Orcid Semantic Scholar Publications Impact factor:9.87.



VISION

To educate, train, and develop professionally competent pharmacists equipped to meet global healthcare challenges.

MISSION

- To offer need-based programs with dynamic and effective implementation.
- To swiftly adapt to changes in the pharmaceutical industry and align resources accordingly.
- To serve as a center of academic excellence delivering world- class pharmacy education.
- To engage in impactful research focused on discovering life- saving drugs, contributing to the global goal of "*Health for All.*"

COURSES OFFERED

D.PHARM (2 YEARS)

B. PHARM (4 YEARS)

B. PHARM (LATERAL ENTRY) 3 YEARS

DOCTOR OF PHARMACY (PHARM. D) 6 YEARS

**VIVEKANANDHA PHARMACY COLLEGE (VPC), SANKARI,
HAS RECENTLY BECOME A CO-EDUCATIONAL
INSTITUTION.**

VIVEKANANDHA EDUCATIONAL INSTITUTIONS



"Vidhya Rathna"

Prof. Dr. M. KARUNANITHI, B.Pharm., M.S., Ph.D., D.Litt.,
Chairman & Secretary

TIRUCHENGODE CAMPUS

- ★ SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
- ★ VIVEKANANDHA DENTAL COLLEGE FOR WOMEN
- ★ SWAMY VIVEKANANDHA COLLEGE OF PHARMACY
- ★ VIVEKANANDHA COLLEGE OF NURSING
- ★ SWAMY VIVEKANANDHA PHYSIOTHERAPY COLLEGE
- ★ VIVEKANANDHA ALLIED HEALTH SCIENCE COLLEGE
- ★ KRISHNA INSTITUTE OF OPTOMETRY & RESEARCH
- ★ VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
- ★ VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN
- ★ VIVEKANANDHA INSTITUTE OF INFORMATION AND MANAGEMENT STUDIES
- ★ VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)
- ★ VIVEKANANDHA COLLEGE FOR WOMEN
- ★ VIVEKANANDHA COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA VIDHYA BHAVAN MATRIC HIGHER SECONDARY SCHOOL
- ★ VIDYAA VIKAS MATRIC HIGHER SECONDARY SCHOOL (MOREPALAYAM)
- ★ VIVEKANANDHA MEDICAL CARE HOSPITAL (VMCH)

SANKAGIRI CAMPUS

- ★ SWAMY VIVEKANANDHA NATUROPATHY AND YOGA MEDICAL COLLEGE
- ★ VIVEKANANDHA PHARMACY COLLEGE
- ★ VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- ★ VIVEKANANDHA ARTS AND SCIENCE COLLEGE
- ★ RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- ★ VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN



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Mobile : 99425 34564, 97888 54417.

website : www.vivekanandha.ac.in