VIVEKANANDHA

COLLEGE OF ARTS AND SCIENCES FOR WOMEN

(Autonomous)

ISO 9001 : 2015 Certified Institution, Affiliated to Periyar University, AICTE, UGC, 2(f), 12(B), NAAC 'A+' Grade

DST - FIST, DST-PG-CURIE, IIC - 4 Stars

Elayampalayam- 637 205,Tiruchengode, Namakkal Dt., Tamil Nadu.



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

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

DEPARTMENT OF BIOTECHNOLOGY







Programmes Offered

B.Sc., | M.Sc., | Ph.D.,



Vivekanandha Educational Institutions

Vivekanandha Educational Institutions (VEI) is a prominent group of Educational Institutions located in Elayampalayam, Tiruchengode, Namakkal District, Tamil Nadu. Founded in 1987 under the Angammal Educational Trust by "Vidhya Rathna" Prof. Dr. M. Karunanithi, VEI has grown into a comprehensive network of institutions dedicated to empowering women through education. With a mission to impart quality education and foster holistic development, VEI has become a beacon of academic excellence in the region.

VEI encompasses a wide array of colleges and schools offering programs in Engineering, Medicine, Pharmacy, Nursing, Physiotherapy, Arts & Sciences, Education, Management, and Health sciences. The institutions are primarily focused on women's education, striving to create an environment that promotes intellectual growth, ethical values, and leadership. The main campus is situated along the Erode–Namakkal state highway, approximately 6 km from Tiruchengode, 26 km from Erode, and 30 km from Namakkal, providing students with a peaceful and well-connected learning atmosphere.

VEI offers a diverse range of academic programs across Undergraduate, Postgraduate, Diploma, and Doctoral levels. These programs span various disciplines and are tailored to meet evolving industry and societal needs. The Institutions under VEI are recognized and approved by regulatory bodies such as AICTE, UGC, NCTE, MCI, PCI, INC, DCI and DIMH. They are affiliated with esteemed universities, including The Tamil Nadu Dr. M.G.R. Medical University, Anna University, and Periyar University. Accredited by NAAC and NBA, VEI upholds the highest standards in academic quality, infrastructure, and student outcomes.

Awards



"Vidhya Rathna"



"Achiever in Women Education"



"Rashtriya Ratan"



"Hind Rattan"



"Doctor of Letters - D.Litt."



"Bharath Excellence Award"



"Best Pharmacist Award"





"Young India (Yi) & YUVA Students Chapter"



"Fostering Inclusive Education"



"Katral Viruthugal 2025 "



"Prestigious Best College Award"



"Swachhta Rankings "



"Most Engaged Institution of the Year 2024 Award"



"Education Changemaker Award"

VICAS



Sri Sardadevi Block



Kalpana Chawla Block



M.S. Subbulakshmi Block



Jhansi Rani Block

About VICAS

Vivekanandha College of Arts and Sciences for Women (Autonomous) was established in the Year 1995. Angammal Educational Trust Chaired by the great Educationalist 'Vidhya Rathna' Prof. Dr. M. KARUNANITHI, B.Pharm., M.S., Ph.D., D.Litt., sponsors this college and other institutions under the name of the great Saint Vivekanandha. These institutions are situated on either sides of Tiruchengode-Namakkal Main Road at Elayampalayam, 6 kms away from Tiruchengode. This is one of the biggest women's colleges in India with more than 5500 girl students and 19 departments. The strength of the college was just 65 at the time of its establishment. With the dedication, hard work, sacrifice and long vision of the Chairman, it has grown by leaps and bounds. The college is approved by UGC and AICTE. The college was granted Autonomous status in recognition of its consistent academic excellence and outstanding performance and re-accredited with "A+" Grade by National Accreditation and Assessment Council (NAAC). The college is an ISO 9001-2015 Certified Institution. The college has earned national recognition for excellence in cleanliness and hygiene, receiving the ‘Swachhta Ranking ’ from the Ministry of HRD under the Swachh Bharat Abhiyan and ranking 5th in the Swachh Campus Ranking for Residential Colleges by UGC. The Institution has also been awarded a prestigious 4-Star rating by the Institution Innovation Council, Government of India, for its outstanding efforts in fostering innovation.

Key Officials of VICAS

Designation	Name	Mobile No & E-mail
Principal	Dr. P. Baby Shakila	94433 16500, principal@vicas.org
Dean - Academics	Dr. J. Deenathayalan	98427 76339, drdeenathayalan@vicas.org
Controller of Examinations	Dr. K. Padmanabhan	99526 65114, coe@vicas.org
Director of IQAC	Dr. M. Prasath	82486 50856, iqac@vicas.org
Placement Officer	Mr. O. Dharani	86673 73611, placement@vicas.org
HoD - Biotechnology	Dr. L. Ashok Kumar	98426 39963, headbiotechnology@vicas.org
Physical Director	Dr. S. Tamil Selvan	97906 65183, pd@vicas.org
R & D Coordinator	Dr. M. Raja	81799 51946, rac@vicas.org
NSS Coordinator	Mrs. T. Menahadevi (AP/Maths)	90038 12398, nss@vicas.org
NCC Coordinator	Ms. K. Jeevitha (AP/N&D)	80720 34039, ncc@vvas.org
Bharat Scouts & Guides	Dr. P. Nithya (AP/Zoology)	88707 44475, scouts@vicas.org
Youth Red Cross Coordinator	Ms. S. Kaviya (AP/English)	81488 42920, yrc@vicas.org
Red Ribbon Club Coordinator	Mr. C. Vignesh (AP/English)	96887 94278, rrc@vicas.org
Hostel Warden	Mrs. S. Sridevi	94437 45672, ughostel@vicas.org

Center/Office	Phone/Mobile No & E-mail
Principal Office	04288-234242, office@vicas.org
Transport Office	94437 74919, vivekanandhatransport@gmail.com
Admission Office	944437 34670, admission@vivekanandha.ac.in
Center for Skill Development	94433 16521, directoradacademic@vicas.org

Why Biotechnology@ VICAS



- ICT enabled class rooms
- Experienced faculty
- State-of-the-art laboratories
- Industry-academia
- collaboration
- Placement trainings
- Alumni interactions
- E-Magazine
- Wall Magazine
- Journal club
- Women Scientists Lecture Series
- International Experts Talks

We are Building your Dreams

Department at a Glance

Faculty Strength

Core Faculty	-	**11**
Language Faculty	-	**02**
Office Assistant	-	**01**
Lab Assistants	-	**04**

Establishment

B.Sc., Biotechnology	-	**1995**
M.Sc., Biotechnology	-	**1999**
Ph.D., Biotechnology	-	**2002**

Super Clones

Through Association activity the student's individual talents are identified

Carrer Opportunities in Biotechnology



Laboratories



Biochemistry



Bioinformatics



Microbiology



Molecular Biology



Plant Biotechnology



Animal Biotechnology

Central Instrumentation Laboratory



The lab is equipped with the following advanced instruments



Inverted Microscope



Fluroscent Microscope



HPLC



Real-Time PCR



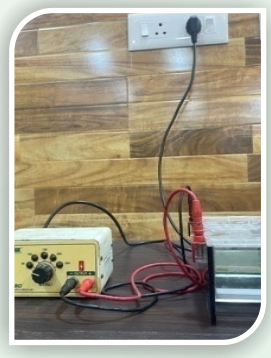
Gradient PCR



FT-IR Spectroscopy



Gel Documentation Unit



Electrophoresis Unit



UV-Vis Spectroscopy



Cooling Centrifuge



Cyclic Voltammetry

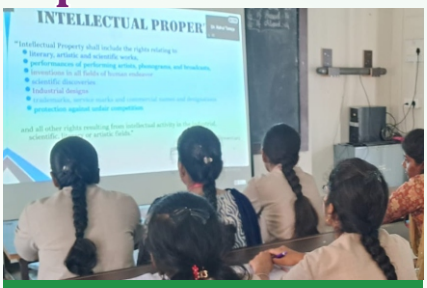


Muffle Furnace

Department Facilities



Seminar Hall



ICT Class Room



Communication Lab



Smart - Class Room



Peer Teaching in Action



Board Room

Mentoring System



The Department of Biotechnology at VICAS follows a structured mentoring system aimed at providing continuous academic, personal, and professional support to students. The system strengthens teacher-student rapport and ensures overall development and well-being of the learners.

Safe & Secured Hostel



Spacious & Luxury Rooms



Reception Hall



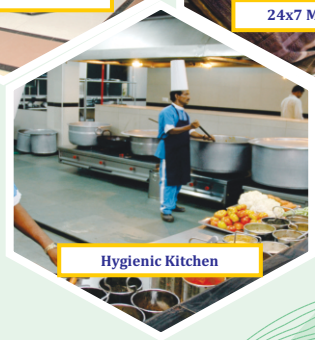
24x7 Medical Care



Fully Equipped Gym



Vending Machine



Hygienic Kitchen



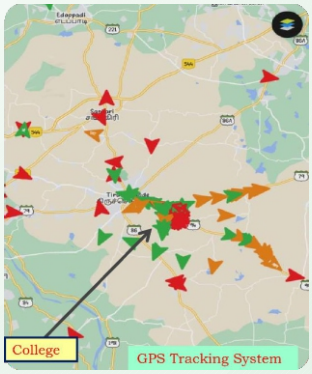
Bank & ATM

Free Transport with GPS Tracker



Dayscholar Students -Districts covered - Namakkal, Erode, Tirupur, Salem, Dharmapuri, Karur, Dindigul and Trichy.

Hostel students - During the Vacation **BUSES** are operated **throughout Tamilnadu to drop and pick the students up** from their native places.



Scholarships

Govt.Scholarships

- Post Metric (SC/ST)
- Pudhumai Pen Scheme
- Naan Mudhalvan Scheme
- Welfare Scheme
- Central Government Scholarships

Management Scholarships

- Parentless
- Economically Poor
- Sports
- Meritorious
- Vivekanandha Merits Scholarship
- Vivekanandha Research Fellowship (VRF)

Vivekanandha Research Fellowship



Events Organized



Inauguration Ceremony (I UG & PG)



Students Induction Program (SIP)



Bridge Course



Fresher's Day



Office Bearers Swearing Ceremony



Research Club Inauguration



Alumni Association



Career Development Programme



Alumni Talk



Technocrazy Event



Alumni Meet



Parents Meeting

MOUs & Activities





Collaboration and Agreements

International MoU

- Ankoor Tamil Sangam, Cambodia
- America Muthamil University, USA
- Melbourne Tamil Sangam, Australia
- Manavai Musthafa Kalvi Matrum Aaivu Privukana Ariviyal Tamil Irukai, Saudi Arabia
- Jeniva Kalai &elakkiya Peravai,switzerland
- Mahsa University, Malaysia
- UTHM, Malaysia
- Universiti Geomayka Malaysia, Malaysia
- University of Jaffna, Sri Lanka

National MoU

- Delhi Arts and Literature Saba, Delhi
- National Power Training Institute, Bangalore
- Bajaj Finserv, Mumbai
- MTC Global Leadership Institute, Bangalore
- NITTE University, Bangalore
- Mohipuri Technologies Pvt. Ltd., MakeIntern, New Delhi
- Dhaka International University, Bangaladesh
- Christ University, Pune
- Pidilite Industries Limited, Mumbai
- Zoological Survey Of India, Kolkata

State MoU

- World Tamil Research Organisation, Chennai
- Pothigai Tamil Sangam, Thirunelveli
- Chennai Kural Malai Sangam, Chennai
- Valari Nalla Kavithai Pesuvom, Sivagangai
- Dinamani Express Publications, Coimbatore
- Arise Brilliant Chamber, Salem
- The New Indian Express, Coimbatore
- Arise Brilliant Chamber, Salem
- Labit, Gobichettipalayam
- Lakshmi Electronics, Trichy
- MC2 Electronics Make India Smarter, Chennai
- VI Microsystems Pvt Ltd, Chennai
- Galileovasan Offshore & Research and Development Private Limited, Nagapattinam
- Tamilnadu Scientific Research Organaization, Pudukottai
- K.S.Varier's Ashtanga Ayurvedics (p) Ltd, Trichy
- Mycoblooms Agrotech Lab., Coimbatore
- Awe Care Pvt Ltd, Erode
- Medox Biotech India Pvt.ltd., Chennai
- Chrompark Research Centre, Namakkal
- Futuristic Biosciences (Anbe Sivam Groups), Gobi
- Sathyabama University, Chennai
- Vels Institute of Science, Chennai
- Sri Sellam Clinical Lab, Namakkal
- Ags Health, Chennai
- Oneomics Pvt. Ltd, Thiruchirapalli
- Athma Mind Care Hospital & Research Pvt. Ltd, Trichy
- Sky High Academy, Coimbatore
- Ivory Gull Candy, Salem
- Sas Micro Food Safety, Karur
- Jci Tiruchengode Divine, Tiruchengode
- JCOM L Tiruchengode, Tiruchengode
- Indian Academic Researchers Association, Tiruchirappalli
- Veranda Race, Chennai, Chennai
- Institute Of Cost Accountants Of India, Erode
- United Rural Development Organization, Erode
- Cyber Security Esstentials, Chennai
- Drive Management Services, Chennai
- IPCS Global- Logical Support Solutions, Salem
- Micro, Small & Medium Enterprises (MSME), Chennai
- Noobtron Technologies Pvt Ltd., Chennai
- C-cube Technologies, Erode
- Centre Of Drug Discovery and Development, Chennai









Activities



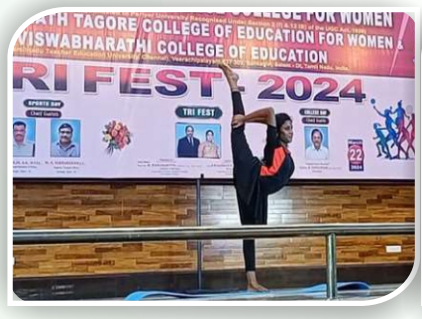
Research Club Activity



Peer Teaching Activities



Journal Club



State level Yoga competition



Awareness Programs



Outdoor Class Room Activity

Conference/Seminar/ Workshop



Dept of Biotechnology organized National Conference on 05 & 06.03.2025 for updating the current trends and ongoing research activities.



National Science Day talk given by Dr. C. Muthuchelian, Former VC, Periyar University on 28.02.2025



National Conference



Guest Lectures

Our Assets

Department Logo

The department logo was launched on May 11 2022 during the guest lecture on Women Empowerment by Dr. K. Indhumathi , Managing Director , ELIES BIOTECH , Erode



E-Magazine



E – Magazine named "Scintillation" was launched on 28 Feburary 2022 on National Science Day .

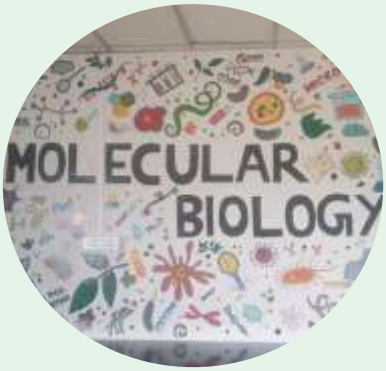
It is students platform where they are freely allowed to exhibit their talents through cartoons sketch, scientific stories, drawings, daliy sciences informations etc.,,

Wall Magazine @ Techno Trip

It is students platform where they can share their findings and latest science related informations, they are allowed to stick the informations on daily or weekly basis



Daily Science



Students share latest science related information on the board and kindle the interest of everyone

Placement Details

Indian Health Care - Salary 2.7 LPA


Dhanalakshmi. B
III B.Sc


Jenitha. S
III B.Sc

Hicitizen Life Skills - Salary 2.9 LPA


Pavithra. C
II M.Sc


Snekha. B
II M.Sc


Vennila. M
II M.Sc


Vanaja
II M.Sc

Next Gen Solutions - Salary 2.5 LPA


Priyadharshini. J
III B.Sc


Madhushree. S
III B.Sc

Sanmina - Salary 2.5 LPA


Menaka. R
III B.Sc


Mithila. KS
III B.Sc


Nandhini. C
III B.Sc

Sanmina - 2.5 LPA


Nandhini. D
III B.Sc


Roja. V
III B.Sc


Sanmathi Priya. AS
III B.Sc


Sathya. R
III B.Sc


Sharmila. K
III B.Sc

Sutherland - Salary 2.7 LPA


Anshiya Banu. S
III B.Sc


Balkish Begum. M
III B.Sc


Chindhana. DS
III B.Sc


Latha. J
III B.Sc


Meena. S
III B.Sc


Thanushika. CJ
III B.Sc

Schneider (Swinger) Electric - Salary 2.92 LPA


Aadithyaa. AE
III B.Sc


Abirami. B
III B.Sc


Bhavadharini. M
III B.Sc


Elakkiya. S
III B.Sc


Gopika. P
III B.Sc


Gopika. S
III B.Sc


Gowciga. A
III B.Sc


Kavimalar. R
III B.Sc


Kaviya. E
III B.Sc


Keerthika. P
III B.Sc

Our Key Recruiters

Indian Health Care I Hicitizen Life Skills I Next Gen Solutions I Sanmina I Sutherland I Schneider (Swinger) Electric I Bio Innovs I Origine Biosolutions

Inter collegiate Competitions











Industrial Visit & Educational Tour



Zoological Park, Kurumpatti, Salem,



SITRA, Coimbatore



Ooty

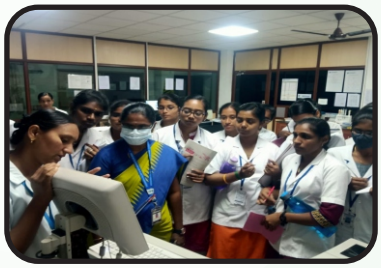


Vagamon

Campus Tour











Institutions Innovation Council / Entrepreneurship Development Cell Activities



Innovation Ambasodors 07 Basic Level

Innovation Ambasodors 49 Advanced Level





Viveka Talentina

The Department of Management Studies organized the intra -Collegiate competition **TALENTINA** 2k25 on 03.03.2025 and 04.03.2025, witnessing enthusiastic participatiom form 320 students.

51 Prizes

320 Participants

Siragai Viri Uyara Para - Motivational Programme for 12th std School Students





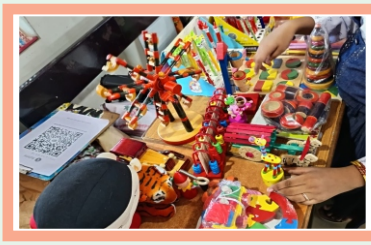

Placement Training






Trade - Fair







Library

Books	**: 74705**
E-Books	**: 940**
National Journals	**: 152**
International Journals	**: 57**
Magazines	**: 38**
Digital Databases	**: DELNET, N-LIST, SAGE**
ICT Resources	**: 1,407 Cds**
Theses	**: 3,696**
Back Volumes	**: 3,550**





Research publications (Students & Staff)

06 STAFF PUBLICATIONS

06 STUDENT PUBLICATIONS

01 Patents & Copyrights

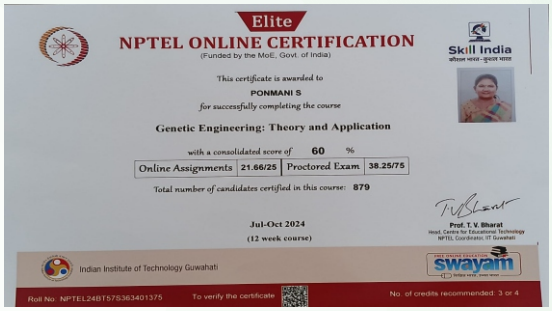
12 Total Publications

A total of 12 articles have been published in this academic year 2024- 2025. In addition, 02 Books Chapters & 01 Books with ISBN Number were published by the faculty members.

Academic Best Practices



Best student award



NPTEL, Online Courses

Students -NPTEL-SWAYAM Certification (2024-2025)

Total 61 students completed

Elite - 26
Completed- 35

Sports Participation and Achievements

S.NO	EVENT	POSITION
1.	Kabaddi	1st Position
2.	Basketball	1st Position
3.	Handball	1st Position
4.	Football	1st Position
5.	Volleyball	1st Position
6.	Kho-Kho	1st Position
7.	Silambam	1st Position
8.	Chess	1st Position



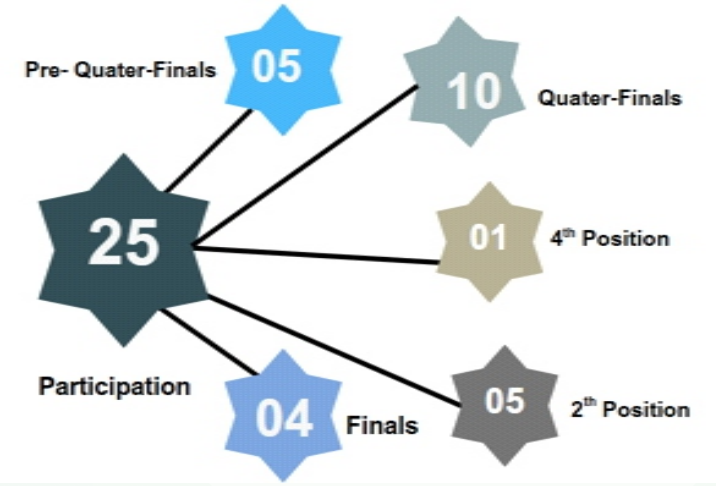








Management fully sponsored VICAS Kabaddi





Vetri - IAS Academy



Students are trained for **IAS, IPS, IBPS (Banking Exam), Railway Exam, TNPSC** examinations etc., during their studies for better placements.

Professional Course Training



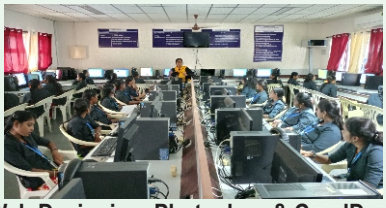
Providing special training for **CA, CMA & CS** during their studies for professional and corporate excellency.

Additional Certificates

- Value added Course
- Online Certificates
- Skill Development Course

List of Skill Development Course

1. MS Office
2. Functional English
3. SPSS
4. Aari Work & Hand Embroidery
5. Silambam & Karate
6. Fine Arts & Craft
7. Yoga for Human Excellence
8. Spoken Hindi
9. Beautician
10. Tally with GST
11. Photoshop & CorelDraw
12. Robotics
13. Photography & Editing
14. Computer Graphics & Animation
15. Data Science with Python
16. Desktop Publishing
17. Artificial Intelligence with Python
18. Block chain & Cryptocurrency
19. Design Thinking
20. Android App Development
21. Natural Language Processing
22. Amazon Web Services
23. Augmented Reality & Virtual Reality
24. Scripting Language
25. Internet of Things (IOT)
26. Japanese Language
27. Basic Life Support (BLS)
28. Medical Coding
29. Advanced Cardiovascular Life Support (ACLS)
30. NET / CSIR / GATE / CAT preparation


Web Designing, Photoshop & CoralDraw


Tailoring


Beautician


Embroidery and Aari


Mobile Technology


SDC Course Incharges


Food Preservation


Medical Coding


Tally and GST

Amenities



Driving School



Tailoring Classes



Botanical Garden



Type Writing Institute



Gym



Canteen



Departmental Store



Auditorium



ATM



24x7 Hospitals



Beauty Spa



Xerox - Centre



Zoological Museum



Counselling Centre



Diet Counselling Centre

Extra Curricular Activities





National Cadet Corps (NCC)





National Service Scheme (NSS)



Bharat Scouts & Guides



UBA





YRC & RRC & CCC

Programes



Graduation Day



International Yoga Day



Independence Day



Teachers' Day



Onam Celebration



Ayudha Pooja Celebration



Day scholars' Day



Green Diwali Celebration



Christmas Celebration



New Year Celebration



Pongal Celebration



Andal Alagar Thirukalyanam



National Youth Day



Republic Day



National Science Day

Extra Curricular Events



Women's Day Celebration



Women's Day Marathon



KAVAL UDHAVI APP-181 Awareness Mega Event



Portfolio Presentation



Moon Light Dinner



Food Day Celebration



Youth Parliament



Hostel Day Celebration



Achievers' Day Celebration

TRI - FEST









Sports Day



Culturals Day



College Day

Courses Offered @ VICAS

UG COURSES

B.C.A	3 Years
B.Sc. Computer Science	3 Years
B.Sc. Information Technology	3 Years
B.Sc. Data Science	3 Years
B.Sc. CS. AI & ML	3 Years
B.Sc. CS. AI & DS*	3 Years
B.Sc. CS. Cyber Security	3 Years
B.Sc. Software Engineering*	3 Years
B.Sc. Microbiology	3 Years
B.Sc. Biochemistry	3 Years
B.Sc. Biotechnology	3 Years
B.Sc. Botany	3 Years
B.Sc. Zoology	3 Years
B.Sc. Nutrition & Dietetics	3 Years
B.Sc. Mathematics	3 Years
B.Sc. Physics	3 Years
B.Sc. Chemistry	3 Years
B.Sc. Textile & Fashion Designing	3 Years
B.Sc. Costume Design & Fashion	3 Years
B.Sc. Psychology	3 Years
B.B.A	3 Years
B.Com	3 Years
B.Com. (CA)	3 Years
B.Com. Banking & Insurance	3 Years
B.Com. Accounting & Finance	3 Years
B.Com. Professional Accounting	3 Years
B.A. English	3 Years
B.A. Tamil	3 Years
B.A. History	3 Years
B.A. Political Science	3 Years
B.A. Economics	3 Years

PG COURSES

M.B.A	2 Years
M.C.A	2 Years
M.Sc. Computer Science	2 Years
M.Sc. Microbiology	2 Years
M.Sc. Biochemistry	2 Years
M.Sc. Biotechnology	2 Years
M.Sc. Botany	2 Years
M.Sc. Zoology	2 Years
M.Sc. Mathematics	2 Years
M.Sc. Physics	2 Years
M.Sc. Chemistry	2 Years
M.Sc. Costume Design and Fashion	2 Years
M.Sc. Applied Psychology	2 Years
M.Com.	2 Years
M.A. Tamil	2 Years
M.A. English	2 Years

Ph.D (Full Time / Part Time)

- Ph.D. Computer Science
- Ph.D. Microbiology
- Ph.D. Biochemistry
- Ph.D. Biotechnology
- Ph.D. Botany
- Ph.D. Zoology
- Ph.D. Physics
- Ph.D. Chemistry
- Ph.D. Commerce
- Ph.D. English
- Ph.D. Tamil



List of Colleges - VEI

TIRUCHENGODE CAMPUS

Elayampalayam - 637 205, Tiruchengode Tk., Namakkal District, Tamil Nadu.

- ★ SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
- ★ VIVEKANANDHA DENTAL COLLEGE FOR WOMEN
- ★ SWAMY VIVEKANANDHA COLLEGE OF PHARMACY
- ★ VIVEKANANDHA COLLEGE OF NURSING
- ★ VIVEKANANDHA SCHOOL OF ANM
- ★ 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
- ★ KRISHNA COLLEGE OF EDUCATION FOR WOMEN
- ★ KRISHNASHREE COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA VIDHYA BHAVAN MATRIC HIGHER SECONDARY SCHOOL
- ★ VIVEKANANDHA MEDICAL CARE HOSPITAL (VMCH)

SANKAGIRI CAMPUS

Veerachipalayam - 637 303, Sankagiri Tk., Salem District, Tamil Nadu.

- ★ SWAMY VIVEKANANDHA NATUROPATHY AND YOGA MEDICAL COLLEGE
- ★ VIVEKANANDHA PHARMACY COLLEGE FOR WOMEN
- ★ VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- ★ VIVEKANANDHA ANM SCHOOL
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