



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



**VINAYAKA MISSION'S
KIRUPANANDA VARIYAR
ARTS & SCIENCE COLLEGE**

CONSULTANCY SERVICES BROCHURE



VINAYAKA MISSION'S KIRUPANANDA VARIYAR ARTS AND SCIENCE COLLEGE

**A UNIT OF VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to Be University)**

NH-47, Sankari Main Road, Periyaseeragapadi, Salem-636 308. Tamilnadu, India.
Phone: +91-427-2901660. principal.vmkarts@vmu.edu.in, www.vmkvasc.edu.in



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CONSULTANCY SERVICES

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ABOUT THE UNIVERSITY

Vinayaka Mission's Research Foundation (VMRF(DU)) had its inception in the year 1981 with the establishment of the Thirumuruga Kirupananda Variyar Thavathiru Sundara Swamigal (TKVTSS) Medical Educational and Charitable Trust. In 1982, the Founder-Chancellor, Dr.A.Shanmugasundaram instituted the Vinayaka Mission's College of Pharmacy in Salem, the pioneer institution of Vinayaka Missions. In the year 2001 the "Deemed to be University" status was conferred on Vinayaka Missions by the Ministry of Human Resources Development, Government of India with the recommendations of the UGC Under Section 3 of the UGC Act, 1956 as an acknowledgement of its excellence, satisfaction of the highest level of academic standards and best infrastructural facilities provided to achieve pre-eminence in education and by virtue of this recognition, Vinayaka Missions transcended to become Vinayaka Mission's Research Foundation (VMRF) as the 48th University in India. VMRFDU has 13 colleges and 11 Schools in four locations in Salem, Chengalpet, Pondicherry & Karaikal. All the Programs offered by VMRF(DU) are approved by respective statutory authorities. VMRF(DU) is Accredited by NAAC with 'A' grade and ranked in NIRF and ARIIA.



ABOUT THE COLLEGE

The Vinayaka Mission's Kirupananda Variyar Arts and Science College (VMKVASC), a Constituent College of Vinayaka Mission's Research Foundation Deemed to be University, Salem, serves the rural society by offering top quality education and inculcating the research and development attitude among student community. VMKVASC was started in 1995. The Institution offers 12 Under Graduate Courses, 5 Post Graduate Courses and Ph.D. Programme. The Institution is ISO 21001:2018 Certified Institution and recognized as top performing nodal center for Virtual lab. Also, a center with well-equipped instruments like Ultra Performance Liquid Chromatography (UPLC), Gas Chromatography (GC), DC power supply, etc is established for Research and Development in order to perform high quality research. In addition to the research, VMKVASC conducts several workshops, conferences at the national, and international levels, as well as training and awareness programmes on the latest developments.



DEPARTMENT OF CHEMISTRY

About the Department

Department of Chemistry of Vinayaka Mission's Kirupananda Variyar Arts and Science College, Salem is offering B.Sc., to PhD. Research is being pursued in a wide spectrum of areas of Chemistry. Department has undertaken Research Projects from leading funding agencies such as DST. Central government has approved projects for 30 lakhs and the faculties has successfully completed 2 SEED money projects and currently running 3 Projects. The Department is having state-of-art equipments in the Centre for Research and Development (CRD-Lab) like Centrifuge, Gas Chromatography (GC), UV Chamber, pH Meter, etc., With rich experience of teaching and research, the Department focuses on enhancing Chemistry Education with Global Perspective. It has the privilege of having many publications in Scopus indexed journals with high impact factor. Also, the Department has successfully organised three series of International Conference (iNEEBA-2021, iNEEBA-2022 & iNEEBA-2023) in collaboration with renowned Institutes from Gyeongsang National University, Republic of Korea, South Korea and Chulalongkorn University, Thailand. In addition to this, the Department has succeeded in conducting two series of one day intercollegiate programme CHEM SHINE for the final year Under Graduate and Post Graduate chemistry students. The department offers Internship Programme and Projects for the UG and PG students. Regular field visit is offered for the students to explore the knowledge in chemistry.

AREAS OF CONSULTANCY SERVICES

- **Chromatographic separation studies (GC, HPLC),**
- **Impurities identification,**
- **Synthesis of organic molecules,**
- **Preparation of Nano materials,**
- **Optical studies: absorption and emission,**
- **Water analysis.**
- **Phytochemistry analysis**

LIST OF INSTRUMENTS

CENTRIFUGE



GAS CHROMATOGRAPHY (GC)



OIL BATH



PALL WATER PURIFIER



pH Meter (Mettler Toledo Seven Excellence pH meter)



Rivotek Ultrasonic Cleaner (Stainless Steel) Capacity: 1.5 Ltrs To 50 Ltrs, 230 V



Ultra-Performance Liquid Chromatography (UPLC)



UV Chamber



Christ Rotational Vacuum Concentrator



UV-Visible Spectrophotometer (JASCO Model V750)





DEPARTMENT OF PHYSICS

About the Department

The Department of Physics, was established in the year 1995. The department has highly qualified faculty members for teaching and research. There are immense possibilities for the students to get better at organising themselves. They have the drive to lead seminars and take part in conversations in groups. In order to bring forth the best in students, the department promotes their participation in extracurricular and curricular activities in addition to their strong academic achievement. As part of the faculty mentoring process, all the faculties have participated several FDP programs and many teaching-related workshops to update their subject knowledge to become better trained persons both in their subject matter and teaching skills.

The Department is equipped with research and academic laboratories. Various activities such as Dynamic Physics Forum, Energy Conservation clubs, Association meetings, seminars, webinars, science day celebrations are carried out with great interest and zeal by the staff and students of our department.

Nanotechnology, Relaxor, Luminescence materials, Thermoelectrics, Heterostructure nanocomposites and magnetic nanomaterials are some important thrust areas of the research. Excellence in teaching and research is the hallmark of our department.

AREAS OF CONSULTANCY SERVICES

- **Grant Proposal Assistance**
- **Industry Partnerships**
- **Data Analysis and Interpretation**
- **Nanostructure Characterization**
- **Synthesis and Fabrication Techniques**
- **Optical and Electronic Properties**

LIST OF INSTRUMENTS

HEATING MANTLE



HOT AIR OVEN



MAGNETIC STIRRER WITH HOT PLATE



MUFFLE FURNACE



Stuart Vortex Mixer



Water Bath- Servo Scientific



Vacuum Pump



Fluorescence Spectrophotometer (JASCO)





DEPARTMENT OF COMPUTER SCIENCE

About the Department

The Department of Computer Science was established in 1995 with the primary objective of providing high-quality education in the field of Computer Science. Over the years, the department has consistently produced top-notch professionals, adapting to the rapidly evolving technology landscape and fostering innovation among its students.

The Undergraduate (UG) and Postgraduate (PG) courses were initiated with the goal of cultivating core competencies in Computer Science and equipping students to tackle both development projects and research challenges effectively.

The department's overarching mission is to push the boundaries of research in computer science and automation while delivering a world-class educational and research experience to its students. With a dedicated faculty comprising members, all of whom are avid learners, the department ensures that their knowledge, insights, and perspectives remain current, ensuring that students receive up-to-date and relevant instruction.

AREAS OF CONSULTANCY SERVICES

- **Computer Maintenance and Repair**
- **Hardware Upgrades**
- **Network Setup and Configuration**
- **Hardware Procurement Assistance**
- **Lab Setup and Management**
- **Hardware Recycling and Disposal**
- **Technology Evaluation and Recommendations**
- **IT Infrastructure Planning**
- **Training and Workshops**
- **Online Safety and Privacy**

Computer Maintenance and Repair



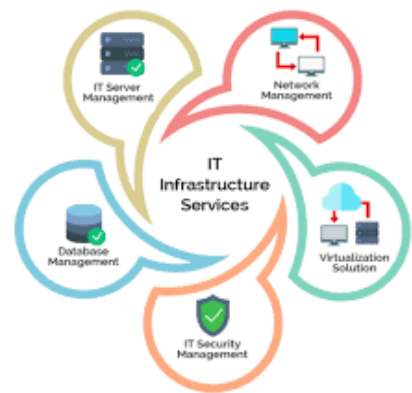
Hardware Procurement Assistance



Technology Evaluation and Recommendations



IT Infrastructure Planning



Training and Workshops



Online Safety and Privacy





DEPARTMENT OF COMMERCE

About the Department

The Department of Commerce was established in 1995 with the primary objective of providing high-quality education in the field of Commerce. Over the years, the department has consistently produced top-notch professionals, adapting to the rapidly evolving technology landscape and fostering innovation among its students.

The Commerce Department in an Arts and Science College serves as a vital hub for students aspiring to excel in the business world. It offers a comprehensive curriculum that covers essential areas such as accounting, finance, marketing, and management. The department focuses on blending theoretical knowledge with practical applications, preparing students for diverse career opportunities in the corporate sector, entrepreneurship, and public services. Through experienced faculty, industry partnerships, and extracurricular activities like internships and workshops, the department ensures that students are well-equipped with the skills and insights needed to thrive in today's dynamic economic landscape.

AREAS OF CONSULTANCY SERVICES

- **Business Consultancy:** Providing advice and guidance to local businesses or entrepreneurs on various aspects of business management, such as marketing strategies, financial planning, and organizational development.
- **Financial Analysis and Reporting:** Assisting businesses or organizations in analyzing financial data, preparing financial statements, and generating reports to support decision-making processes.
- **Market Research:** Conducting research to gather information about market trends, consumer preferences, and competitive landscapes to help businesses make informed strategic decisions.
- **Taxation Assistance:** Offering guidance and support to individuals or businesses in understanding and complying with tax laws and regulations, including tax planning and preparation services.
- **Investment Advisory:** Providing advice and recommendations on investment opportunities, portfolio management, and risk assessment to individuals or organizations seeking to optimize their investment strategies.
- **Accounting Services:** Assisting businesses with bookkeeping, payroll processing, budgeting, and other accounting-related tasks to ensure accurate financial records and compliance with regulatory requirements.
- **Entrepreneurship Development:** Offering training programs, workshops, and seminars to foster entrepreneurial skills and encourage the development of new business ventures among students and community members.
- **Corporate Social Responsibility (CSR) Initiatives:** Collaborating with businesses to develop and implement CSR initiatives that promote sustainable practices, community engagement, and ethical business conduct.

Business Consultancy



Financial Analysis and Reporting





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CONSULTANCY SERVICES - SAMPLE TEST REQUEST FORM

Contact Person:		Institution/ Industry Name:	
Address:		Phone:	
		e-mail:	
Date of Sample sent:		PO. No	

S.No	Sample	Parameters to be Tested

*Write in all tests or compounds to be tested for or attach a separate sheet with the information.

Total Samples		Turnover	
Protocol for test parameters	*Attach the protocol in MS word format		
Sample	Solid	Liquid	If others specify:
Specify Report delivery Mode	Online / Post (Charges extra)		

Contact Person	
Name & Designation	Contact Number
Contact Details	
Institution Address	Vinayaka Mission's Kirupananda Variyar Arts and Science College, NH-47, Sankari Main Road, Periyaseeragapadi PO, Salem-636308
Email	principal.vmkvarts@vmu.edu.in
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