



SRI VIDYA MANDIR

ARTS & SCIENCE COLLEGE (AUTONOMOUS)

[An Autonomous College Affiliated to Periyar University, Salem, Tamil Nadu]

[Accredited by NAAC with 'A' Grade with CGPA of 3.27] Recognized 2(f) & 12(B) Status under UGC Act of 1956]

Katteri – 636 902, Uthangarai (Tk), Krishnagiri (Dt), Tamil Nadu, India



A SEVEN DAY INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME ON ADVANCED RESEARCH METHODOLOGY AND RESEARCH PROPOSAL -2025

07th – 14th April, 2025, Organized by

IQAC, PG & Research Department of Mathematics

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu, India.

Collaboration with

RV College of Engineering, Bengaluru Karnataka – 560059, Jyothi Engineering, College, Thrissur, Kerala - 679531.

Nirmala College for Women, Coimbatore, Tamil Nadu - 641018, Velalar College of Engineering and Technology, Erode, Tamil Nadu - 638012.

St. Joseph's College in Tiruchirappalli, Tamil Nadu - 620002, Baghmara College, Baghmara, Dhanbad, Jharkhand - 828307.

Binod Bihari Mahato College Baliapur Dhanbad Jharkhand - 828201

CHIEF PATRON

Thiru. V. Chandrasekaran, Founder,

Sri Vidya Mandir Group of Educational Institutions, Uthangarai, Krishnagiri, Tamilnadu

CONVENOR

Dr. C. Ragavan, R&D Co-Ordinator,

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu

CO-CONVENOR

Dr. S.Jaikumar, Assistant Professor,

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu

ORGANIZING SECRETARY

Dr. J. Venkatesan, Assistant Professor,

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu

Account Details: Principal,
Sri Vidya Mandir Arts & Science College,
Account No: 30840409831,
IFSC Code: SBIN0007495,
Branch: Uthangarai

PATRON

Dr. N. Gunasekaran, Principal,

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu

Dr. D. Kavitha, Vice Principal,

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu

ORGANIZING CHAIRMAN

Dr. S. Senthilkumar, Assistant Professor,

Sri Vidya Mandir Arts & Science College (A), Uthangarai, Krishnagiri, Tamilnadu

Registration Link Details: <https://forms.gle/Uy6dRQYi7deHWFGi9>

Last date for Registration: 05th April 2025

Registration Fee: Rs.300/- Per Person

SCAN



Dr. Amit Mittal

Pro Vice Chancellor (Research), Chitkara University, Chandigarh, India

Topic: Research Proposal and How to Write an Academic Research



Dr. Sanjay Gour

Professor and Head CSE, Director Gandhinagar Institute of Computer Science, Gandhinagar University, Gandhinagar, Gujarat

Topic: Open access Publishing & Research Database and Matrix



Dr. Sachin Vashistha

Professor, Department of Mathematics, Hindu College, University of Delhi, India

Topic: Funding Opportunities in Indian Knowledge Systems



Prof. Girishwar Mishra

Former Vice Chancellor, MGAHV, Wardha Maharashtra, Former Professor & Head Psychology Department, University of Delhi, Delhi, India

Topic: Research Paradigms: Issues and Methods



Prof. Rishipal

Professor Pedagogy, Dean Pedagogy and Capacity Building, Shri Vishwakarma Skill University, Palwal, Haryana, India

Topic: Steps in Research



Prof. Rajender Kumar Anayath

Vice Chancellor, Dean Bandhu Chhotu Ram University of Science and Technology, Sonapat, Haryana, India

Topic: Research and IKS

Day-I: Date: 07.04.2025 - Monday

Venue: Sri Vidya Mandir Arts & Science College(A) Time: 4.30 PM to 6. 30 PM

Session Co-Ordinator: Dr. C. Ragavan

Day-II: Date: 08.04.2025 - Tuesday

Venue: Nirmala College for Women (A), Coimbatore, Time: 4.30 PM to 6. 30 PM

Session Co-Ordinator: Dr. S. Jaikumar

Day-III: Date: 09.04.2025 - Wednesday

Venue: Binod Bihari Mahato College Baliapur, Dhanbad Jharkhand Time: 4.30 PM to 5. 30 PM

Session Co-Ordinator: Dr. C. Ragavan

Day-IV: Date: 10.04.2025 - Thursday

Venue: Velalar College of Engineering & Technology (A) Time: 4.30 PM to 5. 30 PM

Session Co-Ordinator: Dr. S. Jaikumar

Day-V: Date: 11.04.2025 - Friday

Venue: St. Joseph's College in Tiruchirappalli (A) Time: 4.30 PM to 5. 30 PM

Session Co-Ordinator: Dr. S. Senthilkumar

Day-VI Date: 12.04.2025- Saturday

Venue: RV College of Engineering, Bengaluru Karnataka, Time: 4.30 PM to 5. 30 PM

Session Co-Ordinator: Dr. S. Senthilkumar

**Prof. Dharmalingam M**

Research Professor, Inje University, South Korea

Topic: Enhancing Research Paper Writing and Publication Skills**Day-VII Date: 13.04.2025 - Sunday****Venue:** Baghmara College, Baghmara Dhanbad Jharkhand Time: 4.30 PM to 5. 30 PM**Session Co-Ordinator:** Dr. J. Venkatesan**Prof. Madhulika Pradhan,**Professor and Principal, Gracious College of Pharmacy, Abhanpur, Chhattisgarh
Swami Vivekananda Technical University, Bilai, Chhattisgarh, India**Topic:** Enhancing Research Through Grants, Awards, and Fellowships**Day-VIII Date: 14.04.2025 - Monday****Venue:** Sri Vidya Mandir Arts & Science College(A) Time: 4.30 PM to 6. 30 PM**Session Co-Ordinator:** Dr. C. Ragavan**About the SVM College:**

Our College is highly committed to provide higher education to first generation graduate students from socially and economically backward districts of Dharmapuri and Krishnagiri. The location of the college and the choice of the students are the most important as stake holders speak much about the spirit and idea behind the establishment of the college. Educational empowerment by the establishment of this college in such a remote locality has made a remarkable impact on women education. Our college has 2919 students. Since 2003, it has secured 83 Gold medals and 680 University ranks under Periyar University.

About the Department:

The Department of Mathematics was established in 2004 with UG degree in Mathematics. The Department was recognised as PG Department in 2007 and as a Research Department in 2012. The galaxy of Maths department has 12 qualified faculty members and 600 students. We aim to foster a balanced successful life with proper health, good relationships, and mental peace. Also, our goal is to create a better world through education, research and extension activities. The department of mathematics keeps in cordial contact with the premiere institutions of Tamilnadu and India, through which we share lucrative knowledge sharing. With our staff's engagement, many students have successfully participated in various competitions to enhance their academic performance. These activities have helped the students to go for higher studies in abroad. They have won prizes in sports and cultural competitions conducted in our college. Some of our students have attended the summer training programme conducted by premiere institutions. Remedial programmes are conducted successfully for the academic betterment of the students. Highest number of students in our department have been placed in reputed companies through campus recruitment. Special programmes are conducted to improve their academic performance as well as to motivate and encourage students to become aware of the job opportunities available and to know about the higher studies for their future. To create more interest on the subjects, students are motivated by giving more examples, diagrammatic representations, their applications in real world using modern techniques and various clippings. Above all, the PG students are given intensive coaching to crack NET/ SET/ CSIR exams

The FDP Focus on the Areas**IPR:**

The Faculty Development Program (FDP) on "IPR Strategies for Start-ups: Navigating Challenges and Leveraging Opportunities" is designed to empower educators, entrepreneurs, and innovators with comprehensive knowledge and practical skills in the realm of Intellectual Property Rights (IPR). This program delves into the critical importance of IPR for start-ups, highlighting how patents, trademarks and copyrights, serve as vital tools for protecting innovations and establishing a competitive edge in the market. Participants will gain insights into crafting robust IPR strategies that align with their business objectives, ensuring that intellectual assets are safeguarded from infringement and effectively leveraged for growth. Through a series of expert-led lectures, participants will learn how to develop robust IPR strategies that not only protect their innovations but also align with their business objectives.

Research Methods:

Research methods and data analytics have become an integral part of almost all areas of management, social sciences, humanities research. Advancement in computing technology has further raised the importance of data analytics and placed great demands on its applications to complex decision making problems. With the availability of various data analytical techniques and user-friendly analytical software such as SPSS Basic and SPSS Modeler, the ability to analyze large amount of data is not only desirable, but a necessity for academicians and researchers. Advanced data analytical techniques are usually very complex and confusing for beginners and intermediate researchers. The programme will address issues in research methods and data analytics like selection of appropriate analytical tools, right software, interpretation of outputs and effective report writing. The objective of this programme is to emphasize on broad range of techniques available in research methods and data analytics for academicians, practitioners and researchers from interdisciplinary domains.

Research Fund:

A research proposal is a document proposing a research project, generally in the sciences or academia, and constitutes a request for sponsorship of that research. [1] Proposals are evaluated on the cost and potential impact of the proposed research, and on the soundness of the proposed plan for carrying it out. [2] Research proposals generally address several key points. [3] What research question(s) will be addressed, and how they will be addressed? How much time and expense will be required for the research? What prior research has been done on the topic? How the results of the research will be evaluated? How the research will benefit the sponsoring organization and other parties.

Proposal:

Grounded in the academic and business literature, depths this FDP program exposes participants to both practical and career focused information, instructional design methods, student assessment techniques, leadership within the service mission, and strategies for developing an individualized educational, clinical/service, and research/scholarly portfolio. A focus for refining core skills in communication, self-management, and understanding the impact of university, health sciences, and health care policy on the academic career is provided through the program's leadership dimensions. Participants will gain knowledge and skills in their abilities for critical self-assessment in teaching, scholarship, research, and service and in providing/receiving peer-to-peer feedback

ICT:

There are various uses of ICT. Some of the advantages of implementing new ICT-related technological tools in academic settings include improved learning experience, critical thinking skills, improved communication, better productivity and more.

Book Chapter:

Writing is an inextricable part of an academic's career; maintaining lab reports, writing personal statements, drafting cover letters, research proposals and the dissertation this list goes on. However, while these are considered as essentials during any research program, writing an academic book is a milestone that every writer aims to achieve. It could either be your urge of authoring a book or you may have received an invite from a publisher to write a book chapter. In both cases, most researchers find it difficult to write an academic book chapter. This FDP session will support such budding writers.

Contact Details: Dr. C. Ragavan : 9944349898 | Dr. S. Jaikumar : 9095167848 | Dr. S. Senthilkumar : 9884473436 | Dr. J. Venkatesan : 8667381156
Dr. S. Ponnuragan : 7904849247 | Dr. R. Prakash : 9448024096 | Dr. A. Vimal Jerald : 9698111008 | Dr. Rajeev Pandey : 9939160108 | Dr. Jarin T : 9626623332