

## **Criterion VI**

## **Governance, Leadership and Management**



# 6.5.2 Institutional reviews and implementation of teaching learning reforms facilitated by the IQAC





## **Research Promotion Initiatives of IQAC**

- **1. Explorigate Webinar Series**
- 2. Spark
- **3. V-TRACK (Tuning Research Aspirants towards Creating Knowledge)**
- 4. V-inspiration
- 5. Vimala International Research Journals (VIRJ)— Two [Science, Humanities and Social Sciences] published annually and Reflections
- 6. Research centres
- 7. Incentives for research
- 8. Teacher researcher award
- 9. Drafting of Research policy and consultancy policy



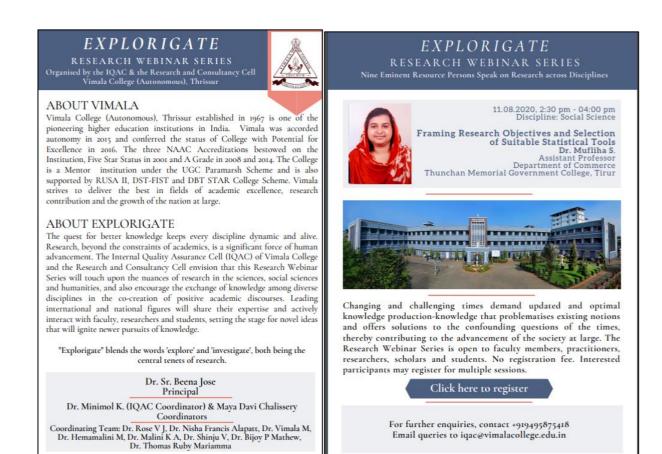
## **1.** Explorigate Webinar Series – opportunity for UG/PG /PhD students to interact directly with the experts in the field

The quest for better knowledge keeps every discipline dynamic and alive. Research, beyond the constraints of academics, is a significant force of human advancement. The Internal Quality Assurance Cell (IQAC) of Vimala College and the Research and Consultancy Cell envision that this Research Webinar Series will touch upon the nuances of research in the sciences, social sciences and humanities, and also encourage the exchange of knowledge among diverse disciplines in the co-creation of positive academic discourses. Leading international and national figures will share their expertise and actively interact with faculty, researchers and students, setting the stage for novel ideas that will ignite newer pursuits of knowledge."Explorigate" blends the words 'explore' and 'investigate', both being the central tenets of research.

#### Brochure







## • List of talks (Explorigate) - Research Web Series

- 1. Contemporary Issues in Research
- 2. Social work Intervention in research
- 3. Pulsed Laser Ablation in Liquid: Nano materials to Thin Films and Applications
- 4. Academic Publishing and Research Prospects in Home Science
- 5. Towards the Development of Promising Anti-Cancer Agents: A Drug-Free Intra Cellular Assembly Approach
- 6. Literature Review for Research in Social Sciences
- 7. Framing Research Objectives and Selection of Suitable Statistical Tools
- 8. Sankethika manavika vijnanam
- 9. Framing research objectives and selection of suitable statistical tools.



#### Reports of Explorigate - Research Web Series

 Name of the Event: Explorigate: Research Webinar Series Date: 03 August 2020 No. of participants: 151

#### **Brief Report of the Event**

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- **Contemporary Issues in Research**(Discipline: Humanities)was led by Dr **K M Sheriff, Associate Professor& Head, Department of English, University of Calicut** as the resource person. Dr Nisha Francis Alapatt, Assistant Professor, Department of English, Vimala College (Autonomous), Thrissur, coordinated the session.





2. Name of the Event: Explorigate: Research Webinar Series Date: 06 August 2020 No. of participants: 89

#### **Brief Report of the Event**

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- **Pulsed Laser Ablation in Liquid: Nano materials to Thin Films and Applications** (Discipline: Science)was led **by Dr Sadasivan Shaji, Professor of Material Science, Postgraduate Division, Mechanical and Electrical Engineering, Autonomous University of Nuevo Leon, Mexico** as the resource person. Dr Malini K A, Assistant Professor and Head, Department of Physics, Vimala College (Autonomous), Thrissur, coordinated the session.





3. Name of the Event: Explorigate: Research Webinar Series Date: 07 August 2020 No. of participants: 81 **Brief Report of the Event** 

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- Academic Publishing and Research Prospects in Home Science (Discipline: Science)was led by Dr Suman Deepak Mundkur, Academic Research Consultant, Visiting Faculty, Institute of Chemical Technology ICT, Amity University & National Institute of Fashion Technology NIFT, Mumbai as the resource person. Dr Thomas Ruby Mariamma, Asst Professor, Department of Home Science, Vimala College, Thrissur, coordinated the session.



#### ABOUT VIMALA

ABOUT VIMALA Vimala College (Autonomous), Thrissur established in 1967 is one of the pioneering higher education institutions in India. Vimala was accorded autonomy in 2015 and conferred the status of College with Potential for Excellence in 2016. The three NAAC Accreditations bestowed on the Institution, Five Start Status in 2001 and A Grade in 2008 and 2014. The College is a Mentor institution under the UGC Paramarsh Scheme and is also supported by RUSA II, DST-HST and DBT STAR College Scheme. Vimala strives to deliver the best in fields of academic excellence, research contribution and the growth of the nation at large.

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Dr. Sr. Beena Jose Principal

Dr. Minimol K. (IQAC Coordinator) & Maya Davi Chalissery Coordinators Coordinators Coordinating Team: Dr. Rose V J. Dr. Nisha Francis Alapatt, Dr. Vimala M, Dr. Hemamalini M, Dr. Malini K A, Dr. Shinju V, Dr. Bijoy P Mathew, Dr. Thomas Ruby Mariamma

Inaugural Session 03.08.2020, 09:00 am - 10:30 am Discipline: Humanities Contemporary Issues in Research Dr. K. M. Sheriff Associate Professor & Head Department of English University of Calicut

EXPLORIGATE







20, 02:00 pm - 03:30 pm Discipline: Science Academic Publishing and Research Prospects in Home Science Dr Suman Deepak Mundkur Academic Research Consultant Visiting Faculty. Institute of Chaoling and Institute of Fashion Technology NIFT, Mumbai





4. Name of the Event: Explorigate: Research Webinar Series Date: 08 August 2020 No. of participants: 95

#### **Brief Report of the Event**

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- **Towards the Development of Promising Anti-Cancer Agents: A Drug-Free Intra Cellular Assembly Approach** (Discipline: Science)was led by **Dr M T Jeena, Post Doctoral Researcher, Department of Chemistry, School of Natural Science, UNIST, Ulsan, Republic of Korea** as the resource person. Dr Bijoy P Mathew, Asst Prof, Dept of Chemistry, Vimala College (Autonomous), Thrissur, coordinated the session.





5. Name of the Event: Explorigate: Research Webinar Series Date: 10 August 2020 No. of participants: 156 **Brief Report of the Event** 

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- Literature Review for Research in Social Sciences (Discipline: Humanities)was led by Mr Thilak Venkatesan, Assistant Professor, Department of Commerce, Presidency College, Bengaluru, Karnataka as the resource person. Dr Vimala M, Assistant Professor, Department of Economics, Vimala College (Autonomous), Thrissur coordinated the session.



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## Dr. Sr. Beena Jose Principal

Dr. Minimol K. (IQAC Coordinator) & Maya Davi Chalissery Coordinator Coordinating Team: Dr. Rose V J. Dr. Nisha Francis Alapatt, Dr. Vimala M, Dr. Hemamalini M, Dr. Shilni K A. Dr. Shingi V, Dr. Bijoy P Mathew, Dr. Thomas Ruby Mariamma



10.08.2020, 10:30 am - 12:00 pm Discipline: Social Science Doing Qualitative Research Ms. Sheethal S. Kumar Assistant Professor Department of Sociology Mizoram University





6. Name of the Event: Explorigate: Research Webinar Series
Date: 11 August 2020
No. of participants: 162
Brief Report of the Event

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- **Framing Research Objectives and Selection of Suitable Statistical Tools** (Discipline: Social Science) was led **by Dr Mufliha S, Assistant Professor, Department of Commerce, Thunchan Memorial Government College, Tirur** as the resource person. Dr Rose V J, Assistant Professor, Department of Commerce, Vimala College (Autonomous), Thrissur coordinated the session.





#### 10. Name of the Event: Explorigate: Research Webinar Series Date: 3 August 2020 Brief Report of the Event

"Explorigate: Research Webinar Series" organized by the IQAC and the Research and Consultancy Cell on the topic- *Social work Intervention in research, Dr D K Laldas,* Research Director, Roda Mistry College of Social Work, Hyderabad.

The second part of the second pa	SOCIAL WORK RESEARCH: THEORY AND PRACTICE D. K. LAL DAS, Ph.D. <u>dklaidas@yahoo.in</u>	
💭 Untitled form (Pesponses)		Eeb 9 2022 -



#### 2. Spark – Interdepartmental PG Project Presentation Competition

Spark PG project Competition is an initiative of Research and consultancy cell, IQAC, Vimala College intended to provide a platform for pass out batch of PG students to present the results of their project work in front of a panel of Experts. It is conducted for Science, Arts and Humanities and Social Sciences separately. The scrutiny and peer review of the dissertation work by the expert along with the interactions are really beneficial for the students. It also inspires the ongoing batch students to pursue an interest in research and learn more about the project presentations.



#### **Spark Project presentation Competition**

College with Potential	l for Excellence	
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## **3. V-TRACK (Tuning Research Aspirants towards Creating Knowledge)** Background and Relevance of the Initiative

In the current academic context, the definition of a "Student" has transformed from a passive learner to a dynamic one who contributes to knowledge generation through constant inquiry and reflection. The competence to fulfil such a challenging role emanates only from self-initiated research utilising the immediate channel at one's disposal. It is with an objective to unfurl such a scholarly pathway for the second year and final year undergraduates of the College, that the IQAC envisages V TRACK- Tuning Research Aspirants towards Creating Knowledge – a Students as Researchers Scheme. A team of students (3 to 4) Initiated from among second year and third year students of each Selected students can choose one or two supervisors comprising of both/either faculty or research scholars from their respective departments who will act as mentors. Interdisciplinary topics are to be given preference. department.

Aimed at co-creating a culture to ensure student research at the undergraduate level when they are best disposed towards exploration, V Track is deemed to be the need of the hour. This is a trajectory onto which aspiring students from each department can venture into, at the same time it endows the institution an avenue to track the students' progression in the path of discovery, both at the personal and intellectual levels. Along with boosting up intrinsic motivation, this would enrich undergraduate experience and help to build confidence. Resourceful sessions on Research Methodology and Academic Writing. Research Excellence Award Opportunity to disseminate findings through Research Conclaves, Conferences and Journals.





It is with an objective to unfurl a scholarly pathway for the undergraduates of the College, that the IQAC envisages V Track, Training Research Aspirants towards Creating Knowledge – A "Students as Researchers" Scheme. A team of students (3 to 4) Nominated from among second year students of each department. Selected students can choose one or two supervisors comprising faculty and/or research scholar(s) from the College who will act as mentors. Interdisciplinary topics are to be given preference. Research seminars were conducted for students.

#### CRITERIA

- A team of students (3 to 4)
- Initiated from among second year and third year students of each department
- Selected students can choose one or two supervisors comprising of both/either faculty or research scholars from their respective departments who will act as mentors.
- Interdisciplinary topics are to be given preference.





#### V track Final Brochure with eighteen teams and the project titles





#### Activities conducted under V TRACK

- General Orientation wherein there was a common consensus to adopt an interdisciplinary approach to the various concerns surrounding COVID 19 so as to elevate the research to a socially relevant issue
- Discipline wise orientation by the respective co-ordinators
- Stream-wise Proposal Presentation and approval
- Discipline-wise External Sessions on "Research Article Writing and Publication" by five eminent resource persons

02/11/2020	Priya K Nair, Research Officer, Kerala Higher	
02/11/2020	Education Council, Asst Professor, St Theresa's	
	College, Ernakulam	
03/11/2020	K.K Jose, Director, School of Mathematics, Statistics	
	and Data Analysis, MG University(Adjunct Professor	
	of Statistics, Kannur Univerisity	
03/11/2020	Sr Silvy Mathew, Asst Professor, Department of	
	Botany, Vimala College, Thrissur	
05/11/2020	C Adarsh, Asst Professor, Department of Malayalam,	
	Sree Vivekananda College, Kunnamkulam	
06/11/2020	Maya M, Asst professor of Sociology and Social Work,	
	CHRIST Deemed University, Bangalore	

• Intermittent status update through mail



#### • Final Presentation

#### Day 1 (Friday, 26 Feb' 21)

- 4 teams (Chemistry, Physics & 2 teams from Computer Science)- Time: 1 pm to 2.30 pm Link: https://meet.google.com/qne-tnhe-cfx

#### Day 2 (Saturday, 27 Feb' 21)

- 2 teams (Mathematics & Statistics)- Time: 1.30 pm to 2.30 pm

Link: https://meet.google.com/wnt-jcpd-gno

#### Day 3 (Monday, 1 Mar' 21)

- 6 teams (Malayalam, Economics and 2 teams each from Sociology & Commerce)- Time: 12.30 pm to 2.30 pm

Link: https://meet.google.com/rgi-fvmf-dze

#### Day 4 (Tuesday, 2 Mar' 21)

- 6 teams (English, Functional English, Botany, Zoology, FCS, TFT)- Time: 12.30 pm to 2.30 pm

Link: https://meet.google.com/qjo-egqd-pbs



Sl.No	Programme	Title of the Research Project	Faculty Mentor
1	BA Economics	A Study on the Impact of COVID-19 Pandemic on Consumption Expenditure of Households in Thrissur	Dr Sneha Gopeekrishna
2	BA English Language & Literature	Educational Renaissance -Reshaping the existing education system in post COVID pandemic era	Dr Mallika A Nair
3	BA Functional English	The Psycho - Social Impact of Mainstream Media on the Post-Pandemic Man	Lt Lovji K N & Ms Maya Davi Chalissery
4	BA Malayalam Language & Literature	രോഗവും മിത്തും	Dr Nisha Francis O
5	BA Sociology	Battling with COVID 19 Pandemic - Awareness and Attitude among college students & Influence of COVID-19 Pandemic on Family Relations: A Special Reference to Women And Children.	Dr Shinju V
6	BCom Finance (Aided)	Shift from Movement to Still : Impact of COVID - 19 on Physical and Mental Wellbeing of College students & Impact of COVID -19 on physical and mental well-being of college students	Dr Salini K
7	BCom Finance (Self Financing)	Impact of COVID-19 on Tourism Sector	Dr Shinju V & Ms Reshma Ravindran
8	BSc Botany	Efficacy of medicinal plants in imparting immunity during Covid-19 pandemic - A survey	Dr Manju Madhavan

## List of projects carried out under VTRACK



Sl.No	Programme	Title of the Research Project	<b>Faculty Mentor</b>
9	BSc Chemistry	Nanomaterial as Antiviral Agents	Dr Jiji Abraham
10	BSc Computer Science	Impact of COVID 19 On Student Engagement In Online Learning & COVID -19 Symptom Checker	Ms Sreekala M
11	BSc Home Science- Textile & Fashion Technology (Self Financing)	Developing comfortable and protective clothing for front line worriers	Ms Suparna M G
12	BSc Mathematics	A Statistical Study on COVID-19 Cases In Kerala & Impacts of COVID-19 Lockdown on Air Quality	Dr Preethi John & Dr Anamiya Baby
13	BSc Physics	Search for a New PPE Material	Dr Veena Gopalan E
14	BSc Statistics	A Statistical Study on COVID 19 Cases in Kerala & Impacts of COVID-19 Lockdown on Air Quality	Dr Preethi John & Dr Anamiya Baby
15	BSc Zoology	Persistence and Sequelae of SARS Cov 2 in Human Beings	Dr Feebarani John

All the team members presented their final report. The teams decided to publish the research in any reputed journal as a joint publication of mentor and the student team



#### 4. V-inspiration- Vimalites Inspire

(An IQAC Initiative in Partnership with the College Students' Union)

The student fraternity has been the motivation for Vimala to forge ahead in the field of education – crafting and moulding generations of bold, excelling, successful women of character. A premier institution for women's education in the state, Vimala is dedicated to the vision of empowering young girls and aiding their development. All efforts are directed towards transforming them holistically into independent, capable, sensitised and responsible women who will be assets to the society and work diligently for the progress of the nation leaving their stamp of excellence on every endeavour taken up. The Internal Quality Assurance Cell (IQAC) announces the launch of **Vinspiration** – a venture that seeks to bring home the meritorious alumnae and arrange a platform for the exchange of ideas, thoughts and experiences. Graduands of Vimala who are currently enrolled in premier institutes across the world and different parts of the country would be invited to engage in brief sessions with the present student community, thereby enabling focussed, inspired and determined efforts from the part of the present students in achieving the laurels and heights scaled by their seniors. The vibrant alumnae community will thus partner with the College in opening up vistas of opportunities to Vimalites. 'Vinspiration' blends 'V' and 'inspiration', with 'V' referring to spirit of Vimala and the vibrance of Vimaliteswho have done their Alma Mater proud.





The multidisciplinary journals of Vimala College, VIRJ modestly attempts to make deliberations in various disciplines of science and Humanities in its venture to lay bare the very fabric of research culture. The journals strive for quality and credibility in every aspect of research. The tiny ant proverbial for its hard work is our motto and inspiration in our endeavor to bring forth this research journal. The ant inspires us to climb the dizzy heights of research and explore the multiple facets of research with patience and determination.

## Vimala International Research Journals (Journals with ISSN)



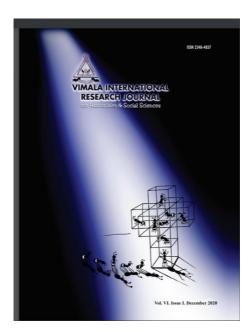


#### 1. Vimala International Research Journal for Humanities and Social Sciences ISSN: 2348-4837

VIRJHSS publishes interdisciplinary research with a primary focus on original research or reviews in various disciplines of humanities and social sciences.

The Journal aims to promote multidisciplinary and interdisciplinary studies, bridge diverse communities of the humanities and social sciences in the world, provide a platform of academic exchange for scholars and readers from all countries and all regions. The journal is supported by an international Executive Editorial Board.

The Journal publishes research papers in the fields of humanities and social science such as, English, Economics, Education, Commerce, Sociology Geography, History, Political Science Industrial Relations, Information Science, International Relations, Law, Linguistics, Library Science, Media Studies, Methodology, Philosophy, Population Studies, Psychology, Public Administration, Social Welfare, Linguistics, Literature, Performing Arts (Music, Theatre & Dance), Anthropology, Business Studies, Communication Studies, Corporate Governance, Criminology, Cross cultural Studies, Demography, Development Studies, Religious Studies, Visual Arts, Women Studies and so on.



#### Aims & Objectives

- To promote original and quality research.
- To develop an interdisciplinary research culture.
- To encourage environment-friendly research promoting sustainable development.
- To provide a venue for the publication of Conference / Seminar/Webinar Proceedings.

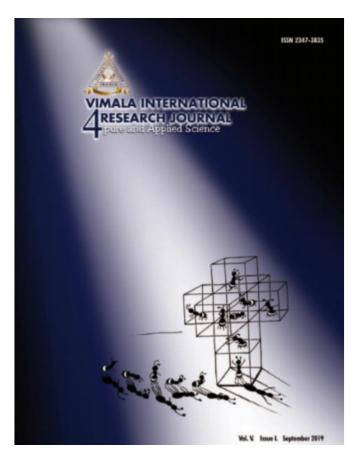


## 2. Vimala International Research Journal for Pure and Applied science(ISSN No:2347-3835)

Vimala International Research Journal for Pure and Applied science [VIRJ] (ISSN No:2347-3835) is an international journal which offers authors the opportunity to publish articles in all the fundamental and interdisciplinary areas of science encompassing applied, theoretical and experimental research.

#### **Aims & Objectives**

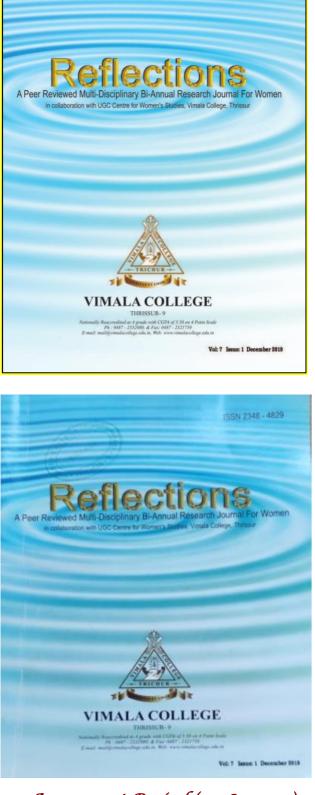
- To promote original and quality research in various disciplines of science.
- To develop an interdisciplinary research culture.
- To encourage an environment-friendly research promoting sustainable development.
- To provide a venue for the publication of Conference / Seminar Proceedings.





#### 3. Reflections

Reflection is an ISSN journal of the institution to publish student research output in the form of paper publication





#### 6. Research Centers

	Name of the Centre	Year of Establishment	No. of research guides
1	Vimala English Research Centre	1978	3
2	Chanakya Research Centre (Commerce)	2013	3
3	Vimala Physics Research Centre	2013	3
4	Research Department of Economics	2018	2
5	Social Work Research Centre	2017	2
6	Malayalam Research Centre	2019	4

Number of Faculty recognised as Research Guides in other centres : 13



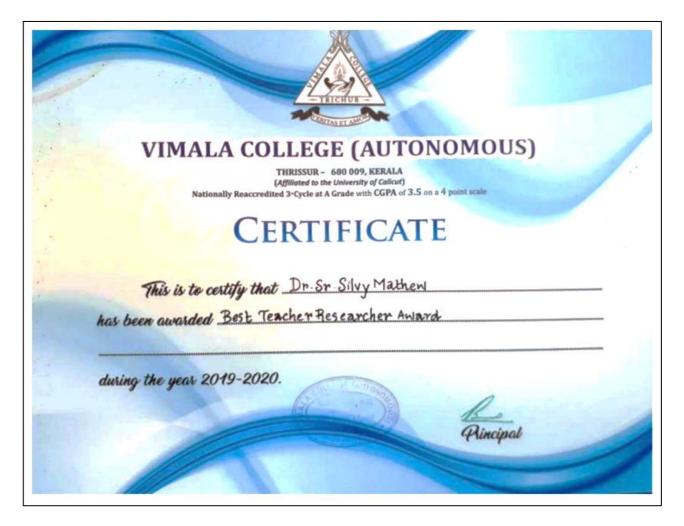
#### 7. Seed money and Incentives

In the Research Policy procedure for providing seed money is explained in detail Based on the proposal submitted and subsequent approval by IQAC and research Committee ,seed money is sanctioned. The policy and procedure was adopted from 2018-2019 academic year. Financial support was provided to teachers for attending conferences and seminars.

Incentives were also given to teachers publishing papers in peer reviewed journals.

#### 8. Teacher Research Award

An award is instituted in the college for the 'Best Teacher researcher from 2019. It was awarded to Dr. Sr. Beena Jose in 2019 and Dr. Sr Silvy Mathew in the year 2020.



9. Research and Consultancy policy