



## **Criterion III**

### **Research, Innovation and Extension**



#### **3.1.1 Research @Vimala**



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## I. Policies For Research

Vimala College Autonomous Thrissur has six research centres – English, Commerce, Physics, Social Work, Malayalam and Economics. The institution strictly adheres to the rules and regulations of the University of Calicut, besides framing a research policy of its own: In addition to the Research Policy, the institution has consultancy policy, Plagiarism Policy and Policy for Professional development. The seed money policy is included in the research Policy. The policies are listed in the website .

- **Research Policy**
- **Consultancy Policy**
- **Plagiarism Policy**
- **Professional Development Policy**



## **II. Research Committees & Cells**

The different committees and cells for the promotion of research Include

- 1. Research and Consultancy Cell**
- 2. Research Advisory Committee (RAC) for each Research Centre**
- 3. Ethics Committee**
- 4. Research Scholars Forum**
- 5. IPR Cell**
- 6. Institution Innovation Cell**



## 1. Research and Consultancy Committee

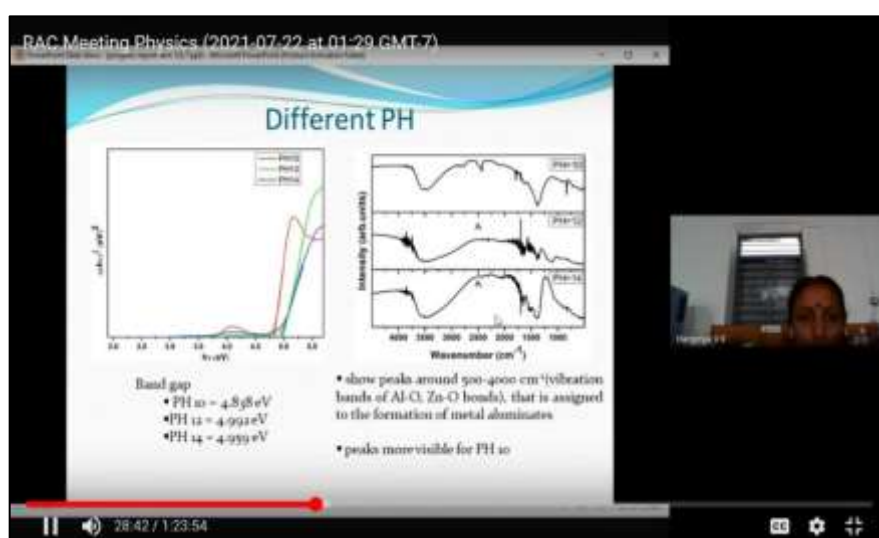
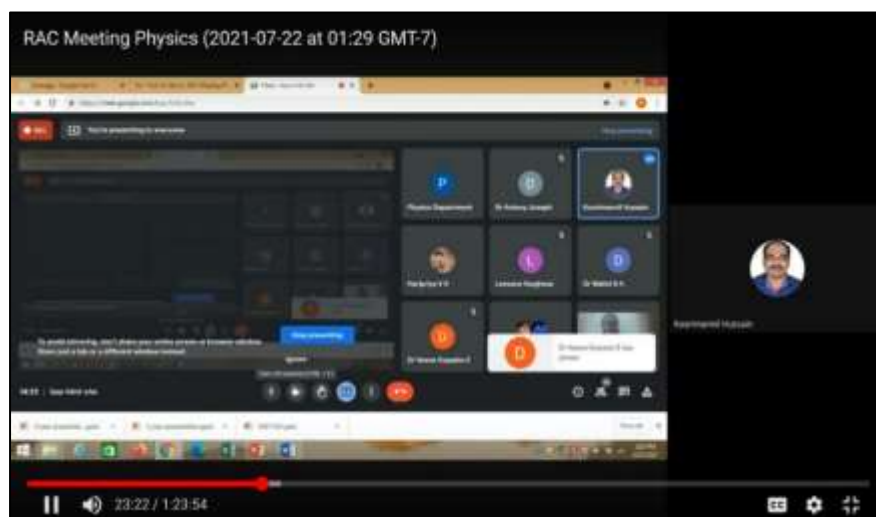
The research and Consultancy committee (Research and Consultancy Cell) has been entrusted to monitor the implementation of the policy, and procedure pertaining to research of the institution. (Detailed in Research Policy and Consultancy Policy)).

### Research and Consultancy Cell 2021-2022

Principal	- Dr Sr Beena Jose (Sr Mable)
Vice Principal	- Dr Malini K A (Phy)
Coordinator	- Dr Rose V J (Com)
Members	- Dr Nisha Francis Alappat (Eng) - Dr Vimala M (Eco) - Dr Jaya Cherian (SW) - Dr Shinju V (Soc) - Dr Anjaly Kishore (Math) - Dr Bijoy P Mathew (Che) - Dr Hemamalini (Mal)

## 2. Research Advisory Committee (RAC) for each Research Centre

Research Advisory committee constituted by Principal, University Nominee, Subject Expert, Nominee of Principal and Supervisor is the official body constituted for each research centre according to the University rules and regulation. The Ph. D admission and progress evaluation of the students are carried by the RAC committee of each Research Centre. The minutes of RAC meetings are recorded. During Covid period RAC meeting were conducted in the online mode.



Online RAC Meetings

### 3. Research Ethics Committee

Approval from Research Ethics Committee (REC) is required for all research that involves collecting new data from human participants and/or using pre-existing personal data. It is the responsibility of the candidate as well as supervisor/s to ensure that ethical approval has been obtained prior to the commencement of the research. Applications for ethical approval should be submitted to the Centre with necessary documents.



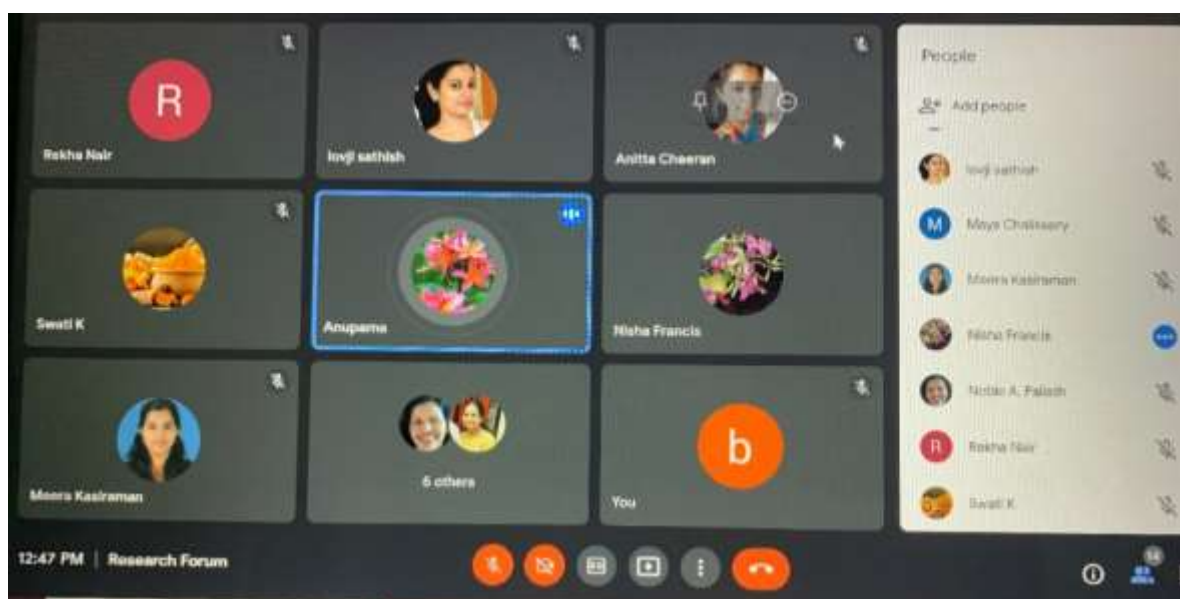
## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### Research Ethics Committee -2021-2022

Principal	- Dr Sr Beena Jose (Sr Mable)
Legal Expert	- Dr Ignatious Antony
Medical Personnel	- Dr Sr Bena CMC
Mental Health Expert	- Dr S V Subramaniyan
Research Guides	- Dr Malini K. A - Dr Sheeba P - Dr Vimala M
Concerned Research Supervisor	

### 3. Research Scholars Forum

Research Forum is a platform to interact and share ideas among research scholars and guides that will enhance the quality of the research process. It is conducted fortnightly online. In each session, two research scholars present their papers followed by a discussion. The fruitful interactions are useful for updating the current trends and to unfold new vistas of knowledge. Research forums are organized for the research centers of English, Physics and Economics separately.



English Research forum meetings

*Assessment Period (2016 - 2021)*



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR



Physics research Forum


### 4. IPR Cell


An IPR cell is established in the college to help and document the different aspects of research like transfer of technology. The cell also organises seminars on IPR related topics.

#### IPR Cell 2020-2021

### Intellectual Property Rights (IPR)

- Dr Honey Sebastian (Zoo)
- Ms J Anuja (Pol Sc)

**VIMALA COLLEGE**  
(AUTONOMOUS)  
THRISSUR, KERALA



**THE INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
ORGANIZES AN AWARENESS SEMINAR ON  
**INTELLECTUAL  
PROPERTY  
RIGHTS (IPR)**

Date : 28 March 2021  
Venue : Canteen Hall  
Time : 1 pm to 3 pm  
Participants : Teaching Faculty Members  
Resource Person : **Dr G. GERTHIKA**  
Assistant Professor  
Union Christian College, Aluva

**About the Seminar:**  
With creations pouring out from every mind all over the world, it becomes imperative to demarcate one's ownership and authority over one's own idea. Intellectual property thus plays an important role in providing a competitive edge to individuals in particular and institutions in general. Academic institutions play a crucial role in ensuring skilled human resource to industries, government institutions, academia and the research and development wings of various entities. The contribution of Intellectual Property in fostering a creative and innovative culture in the academic and research domains of higher education institutions is immense.  
This seminar seeks to provide an opportunity for the faculty members of Vimala College to develop awareness and understand the role that intellectual property has in fostering an industrious and productive culture within the College.

Dr Minminil K Joor  
IPR Coordinator

Dr Sr Beena Jose  
Principal

All are cordially invited





# VIMALA COLLEGE (AUTONOMOUS), THRISSUR



### About the Seminar

Intellectual Property Rights have played a crucial role in securing the legal protection of our creativity as well as taking it to the next level of global exposure via collaborations with industrial, academic or publishing firms. While promoting the dissemination of knowledge without the fear of losing our claim on it, it also ensures economic incentives to the creators of innovative ideas. While terms like patents and copyrights are becoming more significant in all realms of human creativity and productivity, an awareness of Intellectual Property Rights is essential to people in the field of research and innovation in the academic circles. Aimed at providing a comprehensive knowledge of the latest developments and various aspects of Intellectual Property Rights, the IPR Cell of Vimala College is organising a half-day seminar incorporating the knowledge and expertise of external resource persons.

### Objectives

1. To familiarise researchers with various steps to be taken in their pursuits of securing their inventions and innovations
2. To acquaint the participants with legal aspects of Intellectual Property Rights
3. To inspire future researchers to make use of the privileges ensured by law in securing their rights on their intellectual property

### About the Institution

Nationally Reaccredited (3rd Cycle)  
at 'A' Grade  
CGPA of 3.5 on a 4 Point Scale  
College with Potential for Excellence (CPE)  
Mentor College in NAAC Paramarsh Scheme



### Organising Committee

Coordinator: Dr. Honey Sebastian  
Convener: Dr. Vineta Gopalan  
Members: Dr. Nirroni Karakose  
and Dr. Harish Jose

### Seminar Sessions

Dr. Saji R. S.  
Professor and Head,  
Department of Veterinary and Animal Husbandry Extension,  
College of Veterinary and Animal Sciences, Mannuthy, Thrissur  
Time: 9.00- 10.15  
**AN OVERVIEW OF INTELLECTUAL PROPERTY RIGHTS**

Adv. Felicia James  
Advocate, High Court of Kerala  
Trademark and Geographical Indications Attorney  
Time: 10.30-11.45  
**LEGAL ASPECTS OF INTELLECTUAL PROPERTY RIGHTS**

For more information, touch the link below:  
<http://vimalacollege.edu.in>  
Contact: 9744634636

## Brochures of IPR Seminars

*Assessment Period (2016 – 2021)*



### 7. Institution Innovation Cell

The institution established Institution Innovation cell (IIC ID : IC202115789) in July 2021 under the Ministry of Education (MoE), Govt. of India, to systematically foster the culture of Innovation among students in our college. The activities of IIC were co-ordinated by the convenor Dr. Sr. Silvy Mathew, Asst. prof., Dept. of Botany, Vimala College, Thrissur. Nine teachers were given responsibility as Innovation Ambassadors and were given training in a number of courses. These Innovation Ambassadors are now providing training to our students and students from other colleges and schools.



**Vimala College Institution Innovation Council first Meeting was conducted on 21-07-2021**

#### **Major focus of IIC**

To create a vibrant local innovation ecosystem. Start-up supporting Mechanism in HEIs. Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework. Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas. Develop better Cognitive Ability for Technology Students.



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### Functions of IICs

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.
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In the year 2018, the ministry of education (MoE) through MoE's Innovation Cell (MIC) launched the Institution innovation Council (IIC) program in collaboration with AICTE for Higher Education Institutions (HEIs) to systematically foster the culture of innovation and start up ecosystem in education institutions. IIC's role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, problem solving, proof of concept development, design thinking IPR, project handling and management at pre-incubation /incubation stage.





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR



Vimala College (Autonomous), Thrissur convened the first Board Meeting of its Institution's Innovation Council on 21 July 2021. All members of the Institution's Innovation Council external experts, teaching and non-teaching faculty representatives and student representatives of our institution participated in this meeting.



### **III. Research Activities**

- 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. Vimala Publications**
- 7. Departmental research activities – Coffee with Scientist, Women in Science, Astro talks, fortnightly research forum presentations, Science Conclaves**



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

## 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

EXPLORIGATE RESEARCH WEBINAR SERIES Nine Eminent Resource Persons Speak on Research across Disciplines		EXPLORIGATE RESEARCH WEBINAR SERIES Nine Eminent Resource Persons Speak on Research across Disciplines	
 <b>Inaugural Session:</b> 03.08.2020, 09:00 am - 10:30 am Discipline: Humanities <b>Contemporary Issues in Research</b> Dr. K. M. Sheriff Associate Professor & Head Department of English University of Calicut	 08.08.2020, 11:00 am - 12:30 pm Discipline: Science <b>Towards the Development of Promising Anti-Cancer Agents: A Drug-Free Intra Cellular Assembly Approach</b> Dr. M. T. Jeena Post Doctoral Researcher Department of Chemistry, School of Natural Science, UNIST, Ulsan, Republic of Korea		
<b>03.08.2020, 01:30 pm - 03:00 pm</b> Discipline: Social Science <b>Social Work Intervention Research</b> Dr. D. K. Lakshmi Author, Academician and Research Consultant Former Principal & Research Director Rada Mistry College of Social Work Hyderabad	<b>10.08.2020, 10:00 am - 11:30 am</b> Discipline: Humanities <b>Literature Review for Research in Social Sciences</b> Mr. Thilak Venkatesan Assistant Professor Department of Commerce Presidency College, Bengaluru Karnataka		
 <b>06.08.2020, 09:00 am - 10:30 am</b> Discipline: Science <b>Pulsed Laser Ablation in Liquid: Nanomaterials to Thin Films and Applications</b> Dr. Sadasivan Shaji Professor of Material Science Postgraduate Division Mechanical and Electrical Engineering Autonomous University at Nuevo Leon, Mexico	 <b>10.08.2020, 10:30 am - 12:00 pm</b> Discipline: Humanities <b>സാങ്കേതിക കാര്യവിക വിജ്ഞാനം കലാസംസ്കാരം എച്ച്.ജെ. നാരായണൻ, ദക്ഷിണമധ്യേ വിജ്ഞാന വിജ്ഞാൻ എസ്. എസ്. എസ്. കോളേജ് പാലാസ്</b>		
<b>07.08.2020, 02:00 pm - 03:30 pm</b> Discipline: Science <b>Academic Publishing and Research Prospects in Home Science</b> Dr. Suman Deepak Mundkur Academic Research Consultant Visiting Faculty, Institute of Chemical Technology ICT, Amity University & National Institute of Fashion Technology NIFT, Mumbai	 <b>10.08.2020, 10:30 am - 12:00 pm</b> Discipline: Social Science <b>Doing Qualitative Research</b> Ms. Sheethal S. Kumar Assistant Professor Department of Sociology Mizoram University		





# VIMALA COLLEGE (AUTONOMOUS), THRISSUR



## EXPLORIGATE

### RESEARCH WEBINAR SERIES

Organised by the IQAC & the Research and Consultancy Cell  
Vimala College (Autonomous), Thrissur

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#### 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 Star 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-FIST 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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#### ABOUT EXPLORIGATE

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.

**Dr. Sr. Beena Jose**  
Principal

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**Dr. Minimol K. (IQAC Coordinator) & Maya Davi Chalisery**  
Coordinators

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Coordinating Team: Dr. Rose V J, Dr. Nisha Francis Alappatt, Dr. Vimala M, Dr. Hemamalini M, Dr. Malini K A, Dr. Shiju V, Dr. Bijoy P Mathew, Dr. Thomas Ruby Mariamma



## EXPLORIGATE

### RESEARCH WEBINAR SERIES

Nine Eminent Resource Persons Speak on Research across Disciplines

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11.08.2020, 3:30 pm - 04:00 pm  
Discipline: Social Science

**Framing Research Objectives and Selection of Suitable Statistical Tools**  
Dr. Mufliha S.  
Assistant Professor  
Department of Commerce  
Thunchan Memorial Government College, Tirur

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Changing and challenging times demand updated and optimal knowledge production-knowledge that problematises existing notions and offers solutions to the confounding questions of the times, thereby contributing to the advancement of the society at large. The Research Webinar Series is open to faculty members, practitioners, researchers, scholars and students. No registration fee. Interested participants may register for multiple sessions.

[Click here to register](#)

For further enquiries, contact +919495875418  
Email queries to iqac@vimalacollege.edu.in



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### 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







## 3. V-TRACK (Tuning Research Aspirants towards Creating Knowledge)

V-Track is the IQAC initiative to inculcate research aptitude in the UG students by providing them an option to collaborate on Research Projects. The initial project was on discipline specific investigation of aspects related to COVID-19. Aimed at co-creating a culture to ensure student research at the undergraduate level when they are best disposed towards exploration, V Track is the need of the hour. This is a trajectory onto which aspiring students from each department can venture, endowing the institution an avenue to track the students' progression in the path of discovery. 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 .



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

**V TRACK "Students as Researchers" - Webinar Series**  
**Tuning Research Aspirants to Create Knowledge**  
 An Internal Quality Assurance Cell (IQAC) Initiative

**Research Article Writing & Publication**  
**2-6 NOV 2020**



**Dr. Priya K Nair**  
 Research Officer at KSHEC (on deputation)  
 Assistant Professor of English  
 St Teresa's College, Cochín

English  
 2/11 (Monday)  
 from 1-3 pm



**Dr. K K Jose**  
 Director, School of Mathematics, Statistics and Data Analytics, MG University  
 Adjunct Professor of Statistics, Kannur University  
 Adjunct Faculty NHRIMH, Kuriichy Kottayam

Maths/Statistics  
 3/11 (Tuesday)  
 from 2-3 pm



**Dr. Sr. Silvy Mathew**  
 Assistant Professor  
 Department of Botany  
 Vimala College (Autonomous)  
 Thrissur

Sciences  
 3/11 (Tuesday)  
 from 5-6 pm

**ABOUT V TRACK**  
Aimed at spreading research culture at the undergraduate level, this is a trajectory unit which aspiring students from each department can venture into. It endows the institution an avenue to track the students' progression in the path of discovery.

**V TRACK "Students as Researchers" - Webinar Series**  
**Tuning Research Aspirants to Create Knowledge**  
 An Internal Quality Assurance Cell (IQAC) Initiative



**Dr. C Adarsh**  
 Assistant Professor  
 Department of Malayalam  
 Sree Vivekananda College  
 Kunnathulam  
 Thrissur

Malayalam  
 5/11 (Thursday)  
 from 10-11 am



**Dr. Maya M**  
 Assistant Professor of Sociology  
 Department of Sociology and Social Work  
 CHRIST (Deemed to be University)  
 Bangalore, India

Social Sciences  
 6/11 (Friday)  
 from 2-3.30 pm

**The IQAC invites each research team to this e-research confluence led by prominent academicians**

**Principal**  
 Dr. Sr. Beena Jose  
**Coordinating Team**  
 Dr. Minimol K Jose, Dr. Hemamallini, Dr. Shingis V, Dr. Sheeba P, Dr. Verma Gopalan E, Dr. Pruthibha P, Dr. Preethi John  
Website: [www.vimalacollege.ac.in](http://www.vimalacollege.ac.in)

V track Final Brochure with eighteen teams and the project titles

**VIMALA COLLEGE (AUTONOMOUS) Thrissur, Kerala**

**V TRACK - "Students as Researchers" Scheme**, an innovative project of the IQAC of our College, is heading to its much-awaited final project presentation by the 18 selected teams from different disciplines. Launched on 26 August 2020, this initiative aimed at Tuning Research Aspirants towards Creating Knowledge will set in motion the result phase of this project exactly on the 6th-month mark, that is Friday, 26 February 2021 with the first presentation by 4 teams from the Science stream followed by Social Sciences and Languages. The detailed schedule of presentations to be covered in 4 consecutive working days (26 & 27 Feb and 1 & 2 Mar).

**VTrack**  
 STUDENT AS RESEARCHERS  
**Tuning Research Aspirants towards Creating Knowledge**

At different stages, we could conduct the following sessions for the benefit of young researchers.

- General Orientation wherein there was a common discussion 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 coordinators
- Stream-wise Proposal Presentation and appraisal
- Discipline-wise External Sessions on "Research Article Writing and Publication" by five eminent resource persons. Interim status updates through mail

The Google Meet link for the sessions are as follows:

**Day 1 (Friday: 26 Feb '21)**  
 4 teams (Chemistry, Physics & 2 teams from Languages stream)  
 Time: 1 pm to 2.30 pm  
 Link: <https://meet.google.com/ymt-tube-zfs>

**Day 2 (Saturday: 27 Feb '21)**  
 3 teams (Mathematics & Statistics)  
 Time: 1.30 pm to 2.30 pm  
 Link: <https://meet.google.com/wni-fpnd-mzg>

**Day 3 (Monday: 1 Mar '21)**  
 6 teams (Malayalam, Economics and 3 teams each from Languages & Commerce)

**Day 4 (Thursday: 2 Mar '21)**  
 6 teams (English, Functional English, Botany, Zoology & 2 teams from Social Sciences)



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

## Teams

**V TRACK**

**"Research is something that everyone can do, and everyone ought to do. It is simply collecting information and thinking systematically about it"**  
- Roselyn Connell

**1**

- Topic: English
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Educational Technology: Redefining Learning Paradigm: Impact of Covid-19 Pandemic on Education
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**2**

- Topic: Functional English
- Members: Sangeetha M, Sangeetha M, Sangeetha M, Sangeetha M, Sangeetha M
- Topic: The digital world impact of education in the post-pandemic world
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**3**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Learning Analytics
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**4**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on educational environment in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**5**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Influence of COVID-19 pandemic on learning outcomes in special education in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

## Teams

**V TRACK**

**"Research is to see what everybody else has seen, and to think what nobody else has thought"**  
- Albert Szent-Gyorgyi

**6**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**7**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**8**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**9**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**10**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

## Teams

**V TRACK**

**"No Research without Action, No Action without Research"**  
- Kurt Lewin

**11**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Comparison of learning and thinking patterns of Covid and a Post-pandemic world
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**12**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Prospective Learning for Post-Covid World
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**13**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on the quality of education in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**14**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on the quality of education in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**15**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on the quality of education in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

## Teams

**V TRACK**

**"If four things are followed: having a great aim, acquiring knowledge, hard work, and perseverance, then anything can be achieved"**  
- A.P.J. Abdul Kalam

**16**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**17**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**18**

- Topic: Reasoning
- Members: Arshad Anwar, Sangeetha, Susha, Susha, Susha, Susha
- Topic: Impact of COVID-19 pandemic on learning outcomes in Thrissur
- Members: Dr. Susha, Dr. Susha, Dr. Susha, Dr. Susha
- Coordinator: Dr. Susha

**Dr. Sr. Reema Jose**  
Principal

**Dr. Minimal K. Jose**  
IQAC Coordinator

**Dr. Prathibha P**  
V Track Coordinator



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### 4. V-inspiration

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 Vimalites who have done their Alma Mater proud.

**VINSPIRATION**  
*Vimalites Inspire!*  
An IQAC Initiative in Partnership with the College Students' Union  
Vimala College (Autonomous), Thrissur

*Vinspiration is a venture that seeks to bring home the graduates of Vimala who are currently enrolled in premier institutes across the world for the exchange of ideas, thoughts and experiences.*

**Inaugural Session- Wednesday, 19 August, 2020**  
**2:30pm-3:30pm**

Inaugural Address	Speaker	Moderator
 <b>DR. SR. BEENA JOSE</b> Principal	 <b>MS. SARO JOS</b> MSW Student Viveka Bharati University Santiniketan, West Bengal	 <b>MS. SAANIDHA SANTHOSH</b> S3 BA Sociology Vimala College, Thrissur

Meeting code: tpp-qwne-cwg  
Join by clicking on this link: <https://meet.google.com/tpp-qwne-cwg>

Ms. Alina Jay  
Ms. Sanjana Sajon  
Coordinator

Dr. Minamol K. Jose  
Dr. V. Shikha  
Ms. Maya Janti Chatterjee  
Faculty Coordinator

Contact: 9495775418  
Write to: [iqac@vimalacollege.edu.in](mailto:iqac@vimalacollege.edu.in)

**Vimalites Inspire!**  
**VINSPIRATION**  
Chat with Alumna  
Organised by the Department of English  
Vimala College (Autonomous), Thrissur  
(An Initiative of IQAC in Partnership with The College Students' Union)

Resource Person:  
**Megha Varier**

Megha Varier is a freelance journalist currently based in Germany. An alumna of UG batch 2011-2014 (Functional English, Department of English), she went on to pursue her Masters degree in Mass Communication (with specialisation in Journalism) at Sydney Institute of Media and Communication, Paris. Subsequently, she worked with the news organisation The News Minute in Bengaluru before moving to Germany in 2018 to pursue a Masters in Childhood Studies and Children's Rights at the University of Applied Sciences, Potsdam.

**11 September 2020**  
**Time: 1.30 PM IST**

Join the meeting using the link:  
<https://meet.google.com/vyw-okqj-ydu>

Dr. Neha Francis Akkott  
Head of the Department

Dr. Minamol K. Jose  
IQAC Coordinator

Dr. Sr. Beena Jose  
Principal

Ms. Alina Jay  
Ms. Anaya B  
Student Coordinator

For any queries, write to: [iqac@vimalacollege.edu.in](mailto:iqac@vimalacollege.edu.in), [english@vimalacollege.edu.in](mailto:english@vimalacollege.edu.in)





## **VIMALA COLLEGE (AUTONOMOUS), THRISSUR**

### **5. Vimala Research Journals**

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.



#### **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



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

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

*Assessment Period (2016 – 2021)*



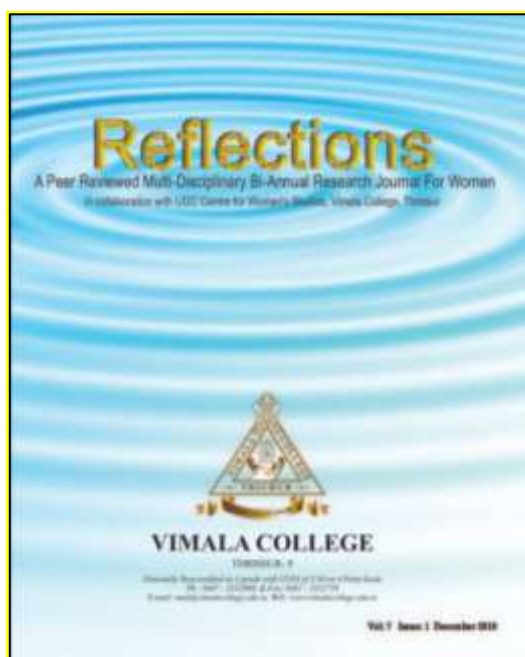
## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

- 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. Vimala College Publications

The Vimala College Publications started in 2020 has published 8 books with ISBN by the end 2021.



**Books from Vimala College Publications**





- ## 7. Departmental research activities

[illegible]



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

**Women in Science**  
8<sup>th</sup> March 3-4 pm  
Dr. Mridula G. Scientist  
CSIR - National Aerospace Laboratories  
Topic: Aviation Weather  
Online Platform: Zoom

**Coffee with Scientist**  
Dr. Jinesh K B  
Associate Professor,  
Indian Institute of Space Science and Technology  
ON 18-12-2020  
Online Platform: ZOOM

**Webinar on 'DATA DRIVEN BUSINESS INTELLIGENCE AND JOB OPPORTUNITIES'**  
JAN 13 2021  
3:00 PM - 3:00 PM  
Dr. ARSHAD KAREEM M A

**LA RICERCA**  
PERSPECTIVES IN RESEARCH  
STUDENT ORGANISED SEMINAR

**CSIR-NET/JRF ONLINE COACHING**  
Starting from 22-08-2020

**"RESEARCH PROSPECTS IN DEEP LEARNING"**  
RESEARCH PERSON  
DR. MRIDULA VISAYAN  
SENIOR RESEARCH ENGINEER  
FORUS HEALTH PVT. LTD  
BANGALORE  
06 June 2020  
10 AM - 11 AM

**STARS, GALAXIES & BEYOND .....**  
Student Organized Seminar  
Organized by  
Post Graduate and Research  
Department of Physics  
Vimala College (Autonomous), Thrissur  
Funded by  
DRT-Star College Scheme,  
Department of Science & Technology,  
Government of India  
RESOURCE PERSON  
Prof. (Dr.) Annapurna Subramaniam  
Director  
Indian Institute of Astrophysics  
Bangalore  
Online platform: Google meet

**The Changing Landscape of Psychological Careers**  
Organize a webinar on  
"To improve is to change;  
to be perfect is to change often."  
DATE: September 28, 2021  
TIME: 2:30 - 3:30 pm  
Dr. Parvathy Vennarth

**KSCSTE SUPPORTED AND SPONSORED SEMINAR ON Medicinal Plants-The Elixir of Life**  
Under science popularization programme  
Organized by  
Department of Botany  
Vimala College (Autonomous), Thrissur  
On 05<sup>th</sup> February 2017  
Topics and Resource persons  
Medicinal Plants of Western Ghats  
Dr. P. L. Chavan  
Assistant Professor,  
Sree Krishna College, Ootacamund  
Family - Wise Distribution of Medicinal plants  
Dr. Manoj N. Prabhu,  
Department of Plantation Crops and Spices,  
KARI, Thiruvananthapuram  
Organizing Committee  
Principal  
Dr. Manoj A. Dhanraj  
Head of Department  
Dr. Manoj George P  
Faculty Coordinators  
Dr. Manoj T. Dhanraj  
Mr. Suresh P. J  
Dr. Manoj Mathan  
Dr. S. Suresh Kumar  
Dr. Suresh T. P  
Dr. Suresh Kumar Nair  
Mr. Anish M. J

**VIMALA COLLEGE (AUTONOMOUS), THRISSUR  
POST GRADUATE DEPARTMENT OF BOTANY  
INTERNATIONAL WEBINAR ON  
AGBIOTECH ADVANCEMENTS AND CROP IMPROVEMENT**  
11 DEC 2020  
9:00 AM - 10:00 AM  
Google meet  
Click here for registration: <https://forms.gle/9ZGK9ZGK9ZGK9ZGK>  
Note: It will be given to registered participants  
All participants will be provided with a certificate after filling up feedback form





# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

**Vimala College (Autonomous), Thrissur**  
National Webinar in connection with  
National Science Day 2020  
Topic : Applications of Plant Tissue Culture

On 09<sup>th</sup> September 2020 at 11:30am

Funded by  
DBT STAR College Scheme  
Department of Biotechnology  
Ministry of Science & Technology,  
Government of India

Dr. Sreeneela Jose  
Principal

For Contact:  
Dr. Nitya Mathew  
Coordinator  
Dr. E. M. Jyothika  
Faculty  
Dr. S. S. Sreejith  
Faculty

Organizing Committee  
Dr. Shreyas T Thomas  
(Head, Dept. of Botany)  
Ms. Smriti PS  
Dr. Manju Madhavan

Student Coordinators  
Sanya MS  
Anusha Theethada

**Vimala College (Autonomous), Thrissur**  
National Webinar  
POLYMERS OF ADVANCE

07/10/2020  
3:00 - 5:00 pm

Dr. SOWMY J. GEORGE  
Dean of Research  
Amal Jyothi College of Engineering,  
Kanniyapatti Kottayam.

Organized by  
DBT STAR College  
Department of Biotech  
Ministry of Science & Technology  
Government of India

Organizing Committee  
Dr. Theresa C J (HOD)  
Dr. Jiji Abraham (Coordinator)  
Dr. Nancy Mathew  
Dr. Nimmy Kurianose  
Dr. Bijoy P Mathew  
Dr. Sreejith P Bhaskar

Student Coordinators  
Gayathri Krishnan  
Thiru Norby  
Mary Theresa Joseph

**VIMALA COLLEGE (AUTONOMOUS), THRISSUR, KERALA**  
MACA-ACCREDITED COPE 3.5  
College with Potential for Excellence  
DET - JMA College

Post Graduate Department of Chemistry  
THE DAYS ONLINE FOR ON  
A Century of Polymer Science: Developments  
supported by  
THE TMC COLLEGE SCHOOL  
DEPARTMENT OF BIOTECHNOLOGY  
MINISTRY OF SCIENCE AND TECHNOLOGY  
GOVERNMENT OF INDIA

17 August 2020 18 August 2020 19 August 2020 20 August 2020

Dr. Sreeneela Jose (Principal)  
Dr. Sreeneela Jose (Principal)  
Dr. Sreeneela Jose (Principal)  
Dr. Sreeneela Jose (Principal)

**Post Graduate & Research Department of Economics**  
Vimala College (Autonomous), Thrissur

**INTERNATIONAL WEBINAR**  
"IMPACT OF COVID-19 PANDEMIC ON GLOBAL BUSINESS ENVIRONMENT"

Mini Parakka Jose  
Gungahlin College  
A CT Australia

14<sup>th</sup> January 2021  
@ 1:30 PM

Faculty Co-ordinator : Dr Sitara V Attokkaran  
Student Co-ordinator : Anju Antony

**Vimala College (Autonomous), Thrissur**  
Post Graduate Department of Chemistry  
ACADEMY - INDUSTRY INTER

17<sup>th</sup> October 2020  
11 am - 1 pm

Dr. Sreeraj Gopi  
Phd., FRSC, FACN, FRSA, CChem  
A Journey from Kitchen to Carbon

Organizing Team  
Dr. Theresa C. J. (HOD)  
Dr. Jiji Abraham (Coordinator)  
Dr. Nancy Mathew  
Dr. Nimmy Kurianose  
Dr. Bijoy P Mathew  
Dr. Sreejith P Bhaskar

Student Co-ordinators  
Jyothika K  
Vishnu Priya M

**TRAVELEDGE**  
National Webinar on Travel Narratives  
11 August 2020  
12:00 pm - 4:00 pm

PG Department of English & Research Center  
Vimala College (Autonomous), Thrissur

Resource Person:  
Dr. Michael P  
Associate Professor  
School of Management  
National Institute of Technology  
Kannur

Session Title:  
Exploring Travel Narratives: An Emerging Genre of Literary Research

**VIMALA COLLEGE (AUTONOMOUS), THRISSUR**  
Department of Zoology  
organizes  
"CO-EXISTENCE-  
INTERNATIONAL  
WEBINAR ON COVID-19  
PLATFORM FOR  
REGISTRATION"

DATE: 05-08-2020 (SATURDAY)  
TIME: 10:00 AM - 12:00 PM  
FOR REGISTRATION: <https://www.vimalacollege.ac.in>

OUR RESOURCE PERSONALITIES  
Dr. Anny Thomas  
Dr. Sreeneela Jose

**ASTRO TALKS**  
WEBINAR SERIES  
1.30 pm

20<sup>th</sup> January 2021  
30<sup>th</sup> January 2021  
11<sup>th</sup> February 2021  
20<sup>th</sup> March 2021

Dr. Sriya Karinkuzhi  
Dr. Blessen Mathew  
Dr. Vivek M  
Dr. Sushmita Rani Antony

Online platform: Google meet

**NATIONAL WORKSHOP ON VIRTUAL LAB**

RESOURCE PERSON  
Dr. RAJU PANTHAGANI  
Associate Professor,  
Department of Engineering  
and Technology (DET),  
Kannur

Organized by  
Post Graduate and Research Department of Physics  
Vimala College (Autonomous), Thrissur

Funded by  
DBT-Star College Scheme, Department of Biotech  
Ministry of Science & Technology, Government of India

**Vimala College (Autonomous) Thrissur**  
Post Graduate Department of Chemistry  
National Webinar Series  
As part of National Science Day Celebrations

27 February 2021 5 March 2021 12 March 2021 18 March 2021 18 March 2021

Dr. Sreeneela Jose  
Dr. Sreeneela Jose  
Dr. Sreeneela Jose  
Dr. Sreeneela Jose  
Dr. Sreeneela Jose

**VIMALA COLLEGE (AUTONOMOUS), THRISSUR**  
Department of Home Science  
Organizes a one day workshop  
on  
MURAL PAINTING

Date: 19<sup>th</sup> Aug. 2017

Head of Department  
Dr. Sreeneela Jose

Teacher Coordinator  
Dr. Sreeneela Jose

**National Webinar on 'X - Ray Diffraction Analysis'**

June 29<sup>th</sup> 2020,  
10:30 am

Organized by  
Post Graduate and Research Department of Physics  
Vimala College (Autonomous), Thrissur

Funded by  
DBT-Star College Scheme  
Department of Biotechnology  
Ministry of Science & Technology,  
Government of India

Resource Person  
Dr. Shibu M Eappen  
Scientist E  
Sophisticated Test and Instrumentation Center,  
CURAT

**വിമല കോളേജ്, തൃശ്ശൂർ (ഓട്ടോണമസ്)**  
മലയാളഭാഷാസംഗമവിരോധം  
'ജീവിതം'  
കാലികരായാലോചനാ പരിപാടി  
2020 ജൂൺ 10 - 18

വിമല - സാഹിത്യം - സാമൂഹികം  
പ്രവർത്തനം

വിമല - സാഹിത്യം  
വിമല - സാഹിത്യം

വിമല - സാഹിത്യം  
വിമല - സാഹിത്യം

**VIMALA COLLEGE (AUTONOMOUS), THRISSUR, KERALA**  
MACA-ACCREDITED COPE 3.5  
College with Potential for Excellence  
DET - JMA College

Post Graduate Department of Chemistry  
A Webinar on  
"Catastrophe Meets Unity:  
35 years of Protecting the Ozone Layer"

Registration Link:  
<https://www.vimalacollege.ac.in>

Dr. Sreeneela Jose  
Dr. Sreeneela Jose

**Toxins in Everyday Life**  
Impact on Biota

12<sup>th</sup> July 2017

Dr. Sreeneela Jose  
Dr. Sreeneela Jose



## **IV . Research Facilities**

Vimala College provides ambient infrastructure and facilities to pursue quality research in the institution. The different facilities are enlisted below.

- 1. Research Centres**
- 2. Experts in Research Areas**
- 3. Laboratory Facilities**
- 4. Library Facilities**
- 5. Facilities for conducting Seminars and Conferences**



## **1. Research Centres**

College has six research centres with experts in different fields and necessary infrastructure and facilities to pursue quality research in different areas.







## VIMALA COLLEGE (AUTONOMOUS), THRISSUR



**ENGLISH**



**COMMERCE**



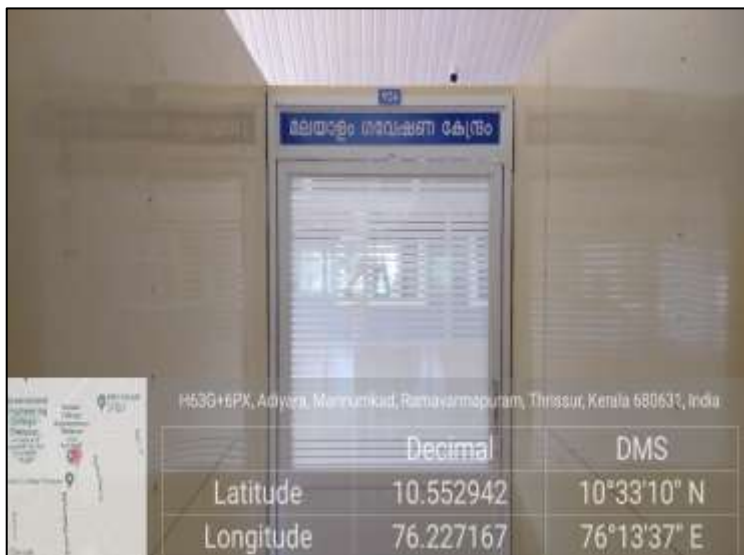
**PHYSICS**



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR



### ECONOMICS



### MALAYALAM



### SOCIAL WORK



## **2. Experts in Research Areas**

- Teachers with Ph. D: **67**
- Research Guides :30
- Research Scholars :64
- Consultants :

### **Research Guides**

<b>Department</b>	<b>No. of Guides</b>
English	4
Commerce	2
Economics	2
Social Work	2
Malayalam	4
Sociology	2
Home Science	1
Physics	4
Botany	3
Zoology	3
Chemistry	2
Mathematics	1
Statistics	1





### **3.Laboratory Facilities**

The research facilities are available in all research centres. A DST FIST lab with a number of analytical instruments for science departments. Apart from well equipped research centres, post graduate departments also has facilities which help the students to do PG projects in the departments.

#### **DST FIST LAB & FACILITIES**





10. Hot Air Oven



Made: Pyrodevices  
Controller: Eurotherm  
Temperature: room to 200 °C  
Status: Working



Made: Kadavil electromechanical industries  
RPM: 3600 rpm  
Status: Working

13. Distillation Unit

11. Magnetic stirrer with Temperature Controll



Made: IKA RH basic 1  
Temperature: room to 100 °C  
Status: Working



Made: Lab-Sil industries  
Watts: 1.5 kW  
Status: Working

14. Ultrasonic Bath

12. Centrifuge





## 1. Fourier Transform Infrared Spectrophotometer - IR Spirit



Made: Shimadzu

Measuring Range: 400 to 4000  $\text{cm}^{-1}$

Method: KBr Pellet

Sample type: Powder

Status: Working

## 2. LCR Meter - IM3536



Made: Hioki

Measuring Range: DC, 4 Hz to 8 MHz

Measurement Parameters: Z, Y,  $\theta$ , X, G, B, Q, Rdc, Rs, Rp, Ls, Lp, Cs, Cp, D (tan $\delta$ ),  $\sigma$ ,  $\epsilon$

Sample type: Pellet

Status: Working

## 4. Spectrophotometer - UV2600 with DRS



Made: Shimadzu

Photometric System: Double-Beam Optics

Measuring wavelength: 190 nm to 900 nm

Sample type: Powder, Liquid

Status: Working

## 3. Spectrofluorophotometer - RF5301PC



Made: Shimadzu

Light source: 150 W Xenon lamp

Measuring wavelength: 220 to 750 nm

Sample type: Powder, Liquid

Status: Working



**6. Vacuum Coating Unit - IVP128C**



Made: Indian High Vacuum Pumps

Current:

Vaccum:

Status: Working

**7. High Temperature Furnace**



Made: Eurotherm

Controller: PLD

Temperature: room to 1300 °C

Status: Working

**9. Dip Coating Unit**



Made: Prompt Engineering works

Dip velocity: 1-600 mm/min

Status: Working



**8. Spin Coating Unit**



Made: Holmarc opto-mechatronics Pvt. Ltd

RPM: 10-8000 rpm

Status: **Not Working**

**10. Hot Air Oven**



Made: Pyrodevices

Controller: Eurotherm

Temperature: room to 200 °C

Status: Working

**5. Electronic Balance - ATX224**



Made: Shimadzu

Capacity: 220 g

Repeatability: 0.1 mg

Status: Working



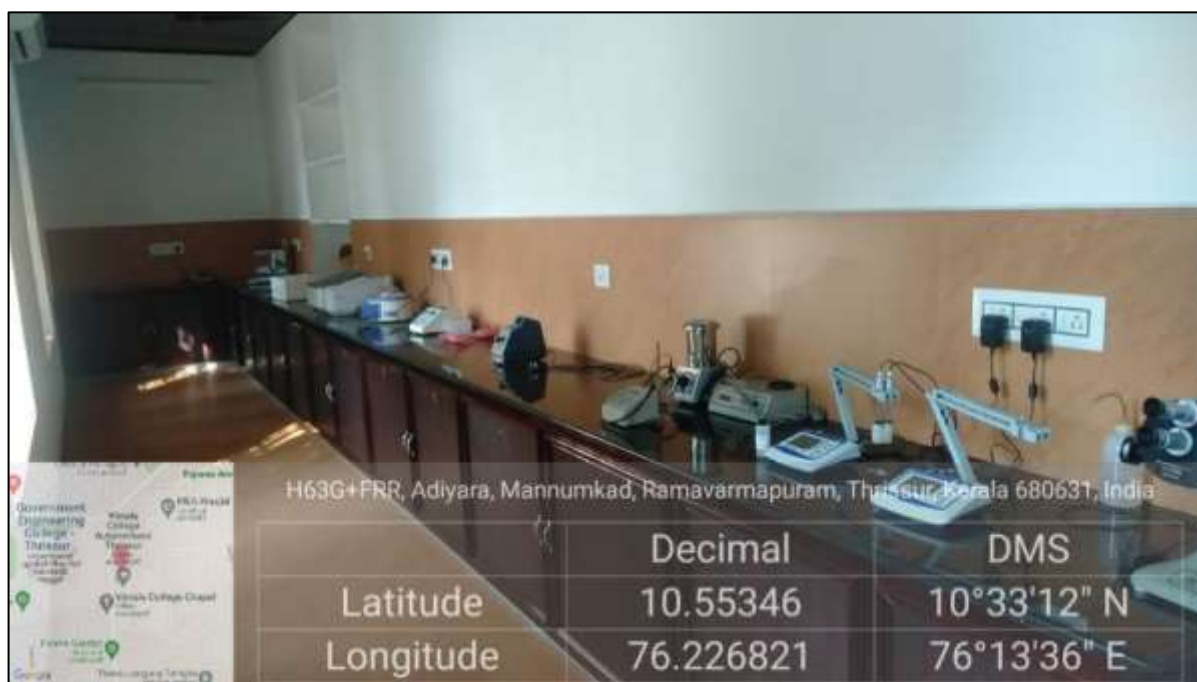


## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### PHYSICS RESEARCH LAB



### CHEMISTRY INSTRUMENTATION ROOM





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### BOTANY LAB



### ZOOLOGY LAB



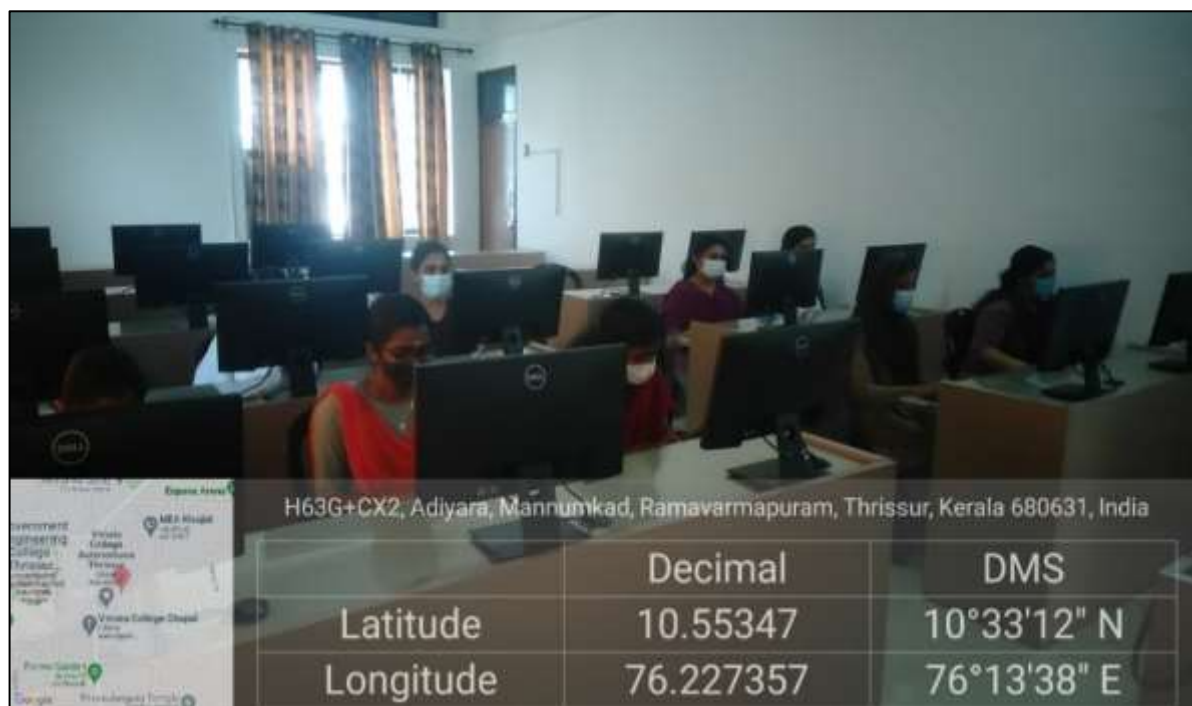


## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### HOME SCIENCE LAB



### STATISTICS LAB







## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### MEDIA LAB



### COMPUTER LAB





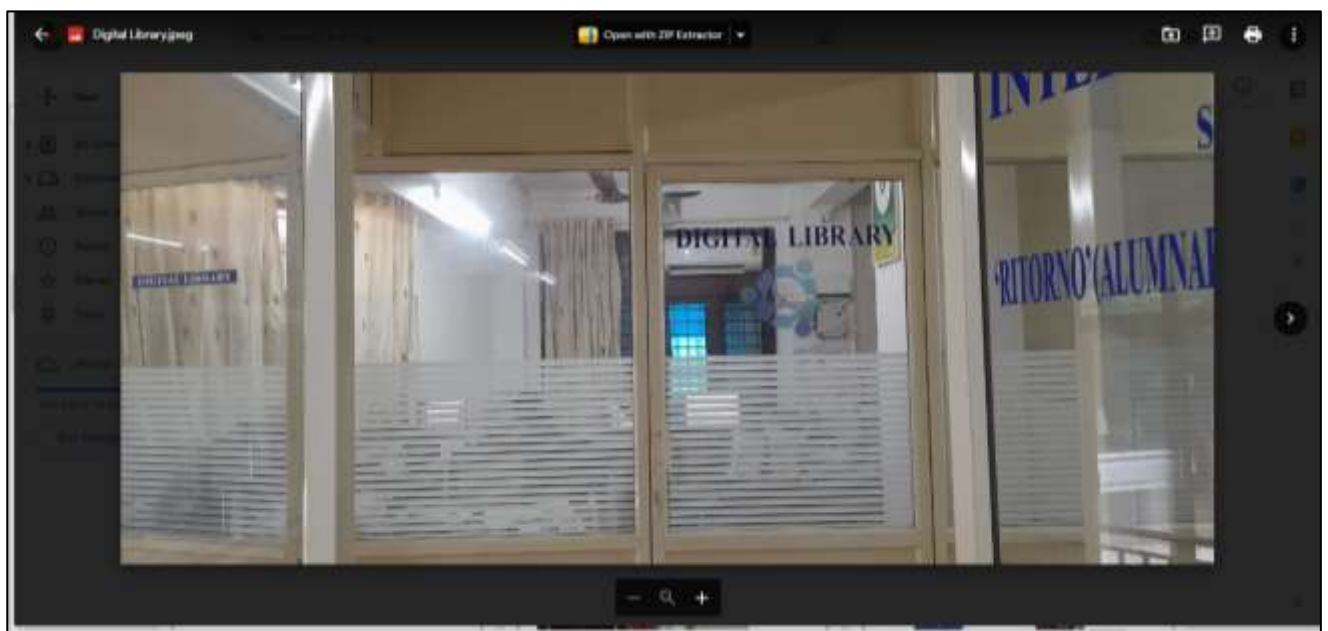
### **3. Library Facilities**

**4.**

#### **INFLIBNET HUB**



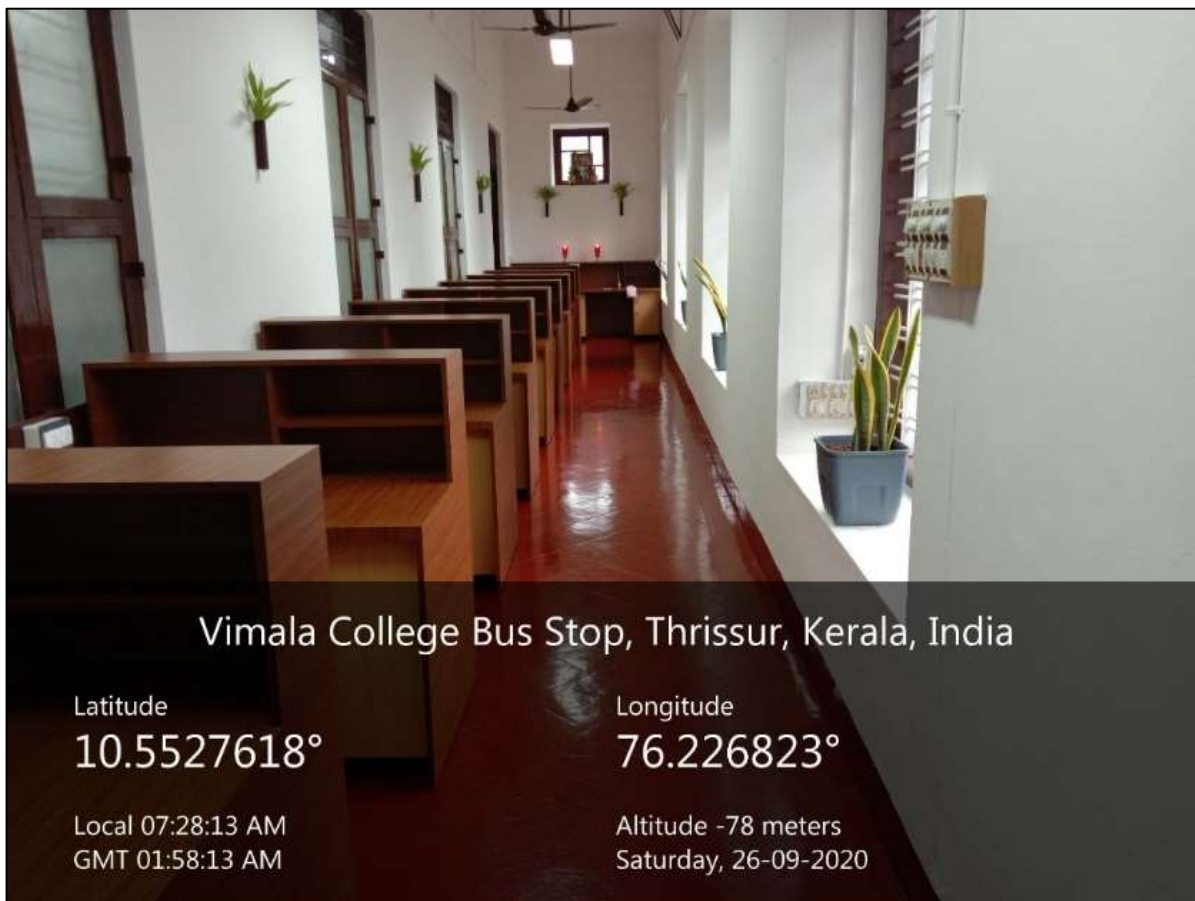
#### **DIGITAL LIBRARY**





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### RESEARCH HUB FOR RESEARCH SCHOLARS



Vimala College Bus Stop, Thrissur, Kerala, India

Latitude

10.5527618°

Longitude

76.226823°

Local 07:28:13 AM

GMT 01:58:13 AM

Altitude -78 meters

Saturday, 26-09-2020





# VIMALA COLLEGE (AUTONOMOUS), THRISSUR

## 5.Facilities for conducting Seminars and Conferences

There are 3 seminar halls ,3 Conference halls and an auditorium in the college which is technically equipped for conducting seminars and conferences.



**SILVER JUBILEE HALL**



**CHRIST CONFERENCE HALL**



**MARIAN HALL**



**CARMEL CONFERENCE HALL**



**LISIEUX SEMINAR HALL**



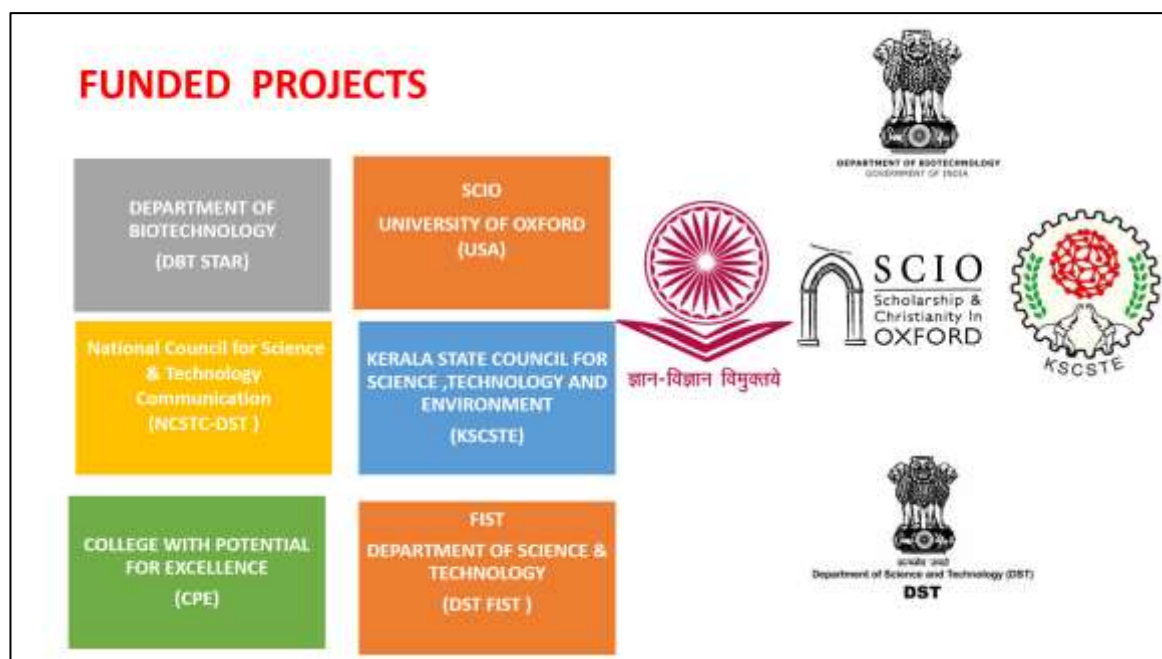
**EUPHRASIA CONFERENCE HALL**



## V. Promotion of Research

### 1. Funds

We were able to avail grants from government funds for research augmentation from RUSA, DBT, UGC, CPE and FIST. Six science departments were financially supported by the DBT STAR College Scheme. We Participation in government initiatives for research— Nearly 200 lakhs were mobilized as research fund during this period ([Link](#))



### Funds 2016-2021

### 2. Seed money and Incentives

In the Research Policy procedure for providing seed money is explained in detail ([Link](#)) 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





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

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

### 3. 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.





## **VI. Research Outcome -2016-2021**

- 1. All Aided PG departments upgraded as Research Centers**
- 2. Increased number of faculty with doctoral degrees**
- 3. Substantial increase in number of research guides**
- 4. Remarkable increase in research scholars**
- 5. Faculty as resource persons and subject experts**
- 6. Increased number of scholars awarded PhD**
- 7. Enhanced publication output (faculty and students)**
- 8. National /international seminars**
- 9. Vimala College Publications**
- 10. Software for plagiarism -In Library**
- 11. Research and innovation awards (Best Paper) & fellowships**



<b>Title</b>	<b>2014</b>	<b>2021</b>
Research Centres	3	6
Teachers with Ph. D	31	67
Research Guides	12	30
Research Scholars	33	64
Scholars awarded Ph.D.	5	17
Faculty served as resource persons Experts	-	114
No. of Seminars/Conferences/Workshops Participated by Teachers	-	374
Published Books/Conference Papers with ISBN	232 Conference Papers & Books (Includes with and Without ISBN )	172 (All with ISBN)



## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

No. of Peer reviewed Publications in Scopus /Web of Science /UGC Care list	215(Peer Reviewed only)	<b>128(All indexed in Scopus /Web of Science/UGC care list)</b>
Vimala Publications	3	<b>11</b>
Fellowships/Awards /Recognition for Research & Innovation	11	<b>22</b>
Plagiarism Policy	No	<b>Yes Urkund Software</b>