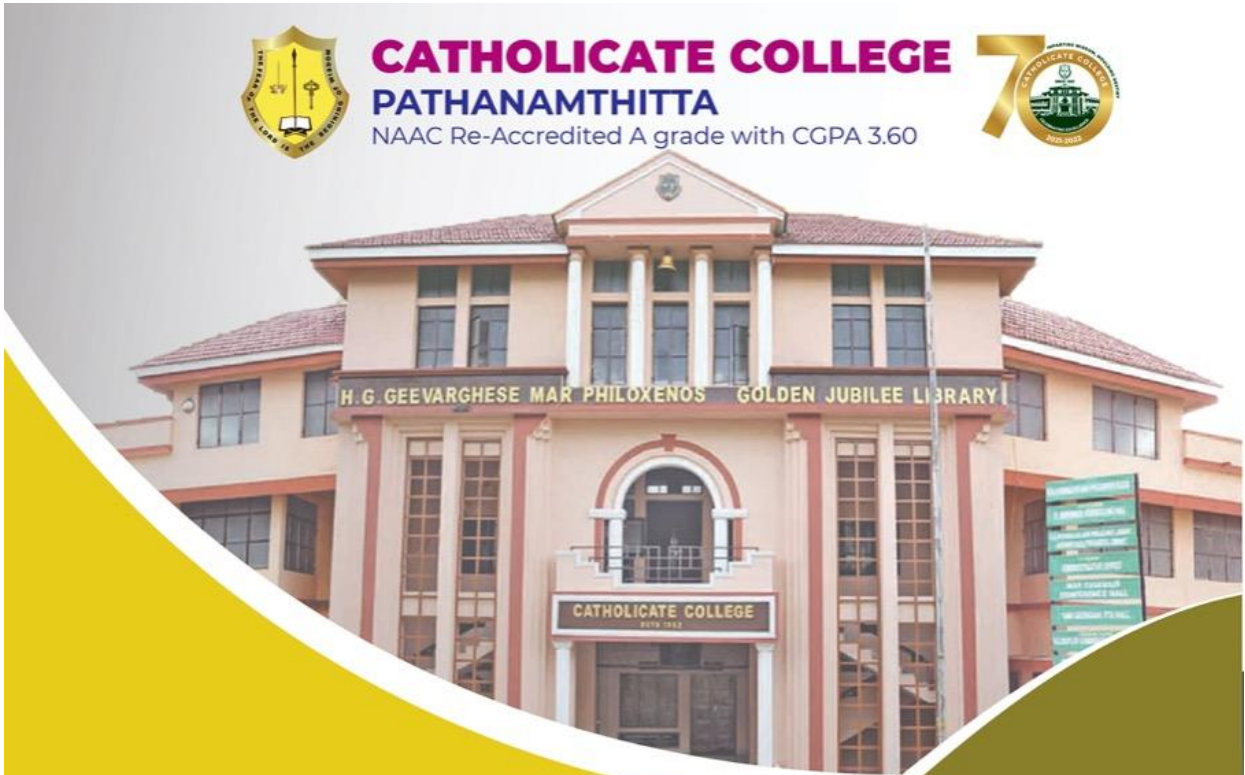




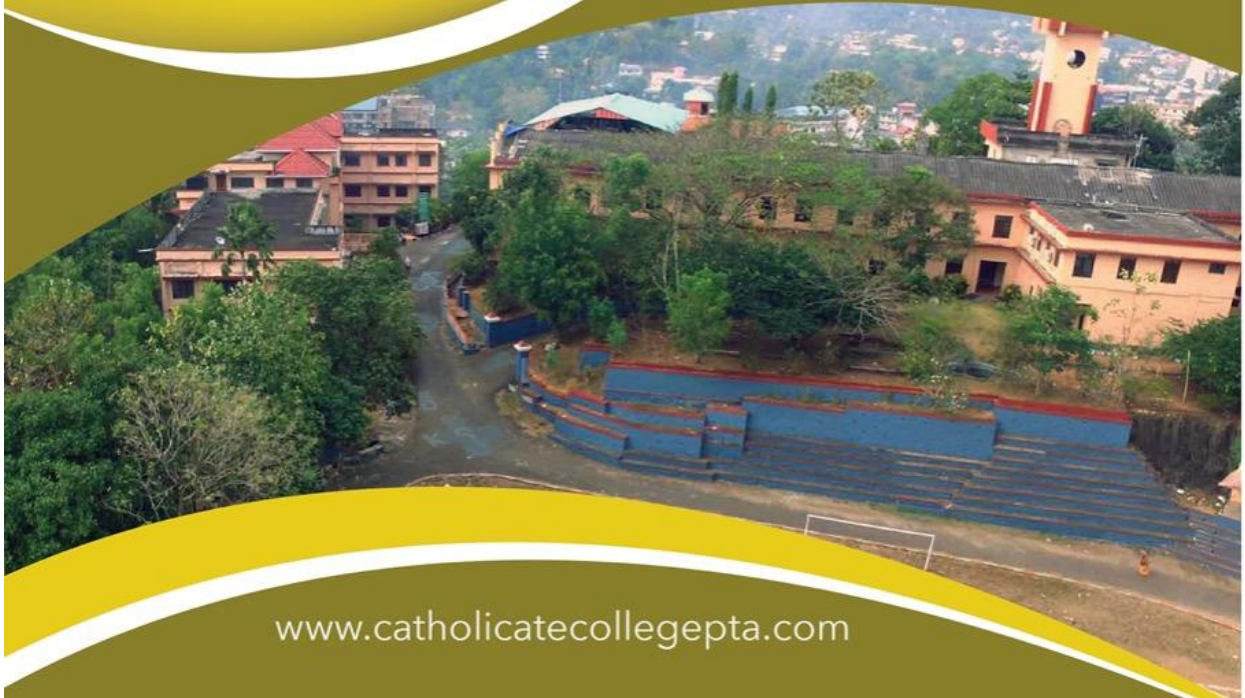
CATHOLICATE COLLEGE PATHANAMTHITTA

NAAC Re-Accredited A grade with CGPA 3.60



ANNUAL REPORT

2020-21



www.catholicatecollegepta.com

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ANNUAL REPORT 2020-2021

1. INTRODUCTION

The college was formally inaugurated on August 6th 1952 by the Honorable Raja Pramukh of Travancore - Cochin, H.E. (late) Sri. ChithiraThirunal Raja Raja Varma. The most virtuous H.H. BaseliusGeevarghese II laid the foundation of this educational institution on the serene hilltop at Makkamkunnu, west of Pathanamthitta town, Kerala. In 1952 the college was affiliated to the university of Travancore, then University of Kerala. Now it is affiliated to Mahatma Gandhi University Kottayam. The college upholds the motto "*The Fear of the Lord is the beginning of wisdom*" with the vision '*To create an educated enlightened society for a brave new world*'. The primary objective of the college is to provide an academic and social environment in which students can flourish. The management focuses mainly on imparting value-based education through quality teaching and learning which is aimed at the holistic and intuitive growth of the individual. In all levels, teaching and non-teaching staff and also students cooperate in an atmosphere of mutual respect to realize the vision and mission of the institution. The college secured Christian minority institution status on 2012 from the Govt. of India.

Even during the COVID pandemic, faculty of the college, under the guidance of the holy fathers and the management, proved their mettle and it was reflected in the academic and non-academic achievements of the students. Nearing its Platinum Jubilee, achievements of the Catholicate college has increased manifold and these achievements are just the outcome of the dedication and hard work of the stake holders of the college.

2. HIGHLIGHTS OF THE YEAR

- i) Seminar on Human Rights organized by Department of Mathematics on 17th& 18th November 2020.
- ii) All Kerala Mathematical Talent Search Competititon by Mathematics department.
- iii) International Webinar organized by Department of Chemistry on 11th& 18th December 2020. Topics dealt are “insight into Reaction Mechanism- Photophysical and Photochemical Studies Using Ultrafast Laser Spectroscopy”.
- iv) Seminar on “Application of Algae in Scientific Research” organized by Department of Botany on 18th September 2020.
- v) An Online Awareness programme on Women Safety and Respect was organized by Botany Association on 9th January 2021.
- vi) Value added Courses: Department of Commerce conducted 3 value added courses.
- vii) Webinar on Professional excellence was conducted by Department of Commerce.
- viii) National webinar on Gender Bias & Stereotyping conducted by Department of English.
- ix) Inauguration of Newly sanctioned courses – Integrated M A Programme in languages (Department of English) & M A Econometrics (Department of Economics).
- x) Extension activity conducted by Department of Hindi extending their help to the flood affected people.
- xi) Participation in ‘Survey for Kerala Legislative Assembly Election’ by Department of History.
- xii) Inauguration of Research Centre in Department of History.
- xiii) Wildlife Week Celebration by Department of Zoology.
- xiv) Alumni Meet & Soft Skill Enhancement Programme- Pursuit Of Happiness: Turning Hobbies Into Careers by Department of Zoology.
- xv) Prevent Covid – 19 spread Campaign by Department of Zoology.
- xvi) Webinar on “Opportunities & Challenges in Higher Education” by Department of Physics.
- xvii) Five Day Awareness Programme on Clean Renewable Energy by Department of Physics.
- xviii) Three day Training Session on ICT Enable Teaching Tools Oraganized by IQAC & Rutronix from 7th to 9th August 2020.
- xix) ASPIRE SCHOLARSHIPS:
 - a. 8 M A Malyalam students
 - b. 4 Ph D students of Malayalam department
- xx) Physical Education
 - a. Silver medal in State track Cycling Championship- Niya Sara Kunjumon (I B.Sc Zoology)
 - b. Bronze medal in 73 Kg Senior State Taekwondo Championship – II BA History.
 - c. Catholicate College Softball (Men) team were the winners of the M G University intercollegiate softball championship.
 - d. Department organized a workshop titled ‘First Aid & CPR training’

3. STUDENT ENROLMENT

Programme name	Programme Code	Number of students admitted from the reserved category					
		SC	ST	OBC***	Divyangjan	Gen	Others**
BA English	EN	11	0	0	1	36	5
BA Malayalam	ML	6	2	0	0	24	3
BA Hindi	HN	5	0	0	0	10	0
BA History	HY	7	2	0	1	34	3
BA Economics	EC	11	1	0	2	35	6
BSc Mathematics	MM	2	0	0	0	44	7
BSc Physics	PH	3	0	1	0	33	6
BSc Chemistry	CH	8	0	3	0	34	3
BSc Botany	BO	8	1	1	0	29	4
BSc Zoology	ZY	6	0	0	0	26	2
BCom (Aided)	CO	9	1	0	0	34	5
BCom (SF)	CO	2	0	5	0	31	0
BCA (SF)	CA	0	0	7	0	26	0
MA English	EN01	3	0	1	0	14	2
MA Malayalam	ML01	3	1	0	0	12	1
MA Hindi	HN01	2	0	0	0	7	1
MA History	HY08	2	0	0	0	9	1
MA Econometrics	EM	1	0	3	0	14	1
MSc Mathematics	ME01	1	0	3	0	16	2
MSc Physics(Electronics)	PH01	1	0	1	1	12	2

MSc Physics(Material Science)	PH02	0	0	1	0	10	1
MSc Analytical Chemistry	CH02	0	0	2	0	11	1
MSc Polymer Chemistry	CH05	0	0	2	0	7	1
MSc Botany	BY01	2	0	0	0	11	1
MSc Zoology	ZL01	1	0	0	0	11	1
MCom (Aided)	CM01	4	0	0	0	10	1
Mcom (SF)	CM01	0	0	4	0	15	0
MTTM (SF)	TR02	1	0	2	0	11	0
Integrated MA Programme in Languages - English		1	0	0	0	10	0
TOTAL (2020-21)		100	8	36	5	576	60

A total of 1695 students are enrolled for 13 UG programmes offered by the college; 546 in first year, 587 in second year & 562 in final year. There are 15 PG courses offered by the college. Overall 443 students are enrolled during the year for PG courses; 239 students in first year and 204 students in second year.

Apart from the above mentioned courses, a new integrated course was initiated during the academic session- Integrated MA English. It is a five year integrated course in which 11 students were enrolled.

4. STUDENT DIVERSITY

CLASS	GENERAL		SC		ST		OBC		Community		Total		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
D1	148	252	22	56	4	3	10	7	15	29	199	347	546
D2	145	283	20	59	4	6	7	14	17	32	193	394	587
D3	139	273	19	55	1	8	10	7	7	43	176	386	562
II PG	39	143	3	19	0	1	7	12	2	13	51	188	239
II PG	21	130	7	18	1	0	2	9	3	13	34	170	204
Research Scholars	3	20	0	0	0	0	0	0	0	0	3	20	23
Total	495	1101	71	207	10	18	36	49	44	130	656	1505	2161

5. GRADUATE OUTCOME

UNDERGRADUATE PROGRAMME OUTCOMES

Students of Undergraduate Programmes at the time of graduation will gain the ability:

PO1. Subject Competence: To master essential skills to understand, explain, analyse, apply and demonstrate concepts related to each discipline and integrate it with real life.

PO2. Creative and Critical Thinking: To develop creativity as well as critical and rational problem solving skills to understand, respond and engage proactively with subject-related as well as social issues.

PO3. Effective Communication: To develop oral, written and interpersonal communication skills which would enable the learner to prepare for a career and function effectively in it.

PO4. Scientific Temper, Research and Innovation: To gain a scientific attitude to explore, research and innovate so as to create new knowledge; facilitate exciting discoveries that would solve existing problems and open new ways of living.

PO5. Social Sensitivity and Commitment: To internalise and practice values/attitudes to participate in civic life with compassion and empathy as emotionally mature and socially responsible citizens.

PO6. Sustainable Development and Green Living: To protect the environment, conserve natural resources and promote green living through the use of sustainable technologies.

PO7. Digital Literacy and Technological Efficiency: To empower the learner to navigate the tech-savvy world with confidence and connect efficiently with latest developments across the globe.

PO8. Passion for Life-long Learning: To engage in lifelong learning to update knowledge, adapt and contribute to social change with a futuristic vision.

POSTGRADUATE PROGRAMME OUTCOMES

Students of Postgraduate Programmes at the time of graduation will gain the ability:

PO1 Academic Expertise and Employability: To attain mastery of the subjects, enhance employability and facilitate knowledge application in different practical situations.

PO2 Scientific Temper, Critical Thinking and Logical Reasoning: To develop scientific temper and capacity for independent, conceptual and creative thinking; problem establishment, collection of evidence, synthesis and dispassionate analysis.

PO3 Research and Innovation: To strengthen research aptitude leading to creation of new knowledge and innovative solutions to various emerging issues.

PO4 Motivation for Life-long learning: To engage dynamically in continuous learning, to modernize knowledge, adopt, adapt and contribute to social change with a futuristic vision.

PO5 Communication and Team work: To develop effective communication skill and ability to work in teams by strengthening group dynamics.

PO6 Moral and ethical awareness: To understand the role and applicability of knowledge acquired in the context of society, environment and sustainable development sticking on to ethics and values.

PO7 Leadership readiness: To exhibit leadership in multidisciplinary environments by applying the knowledge and concepts acquired through the learning process to one's own work, as a member and leader in a team.

PO8 Social Responsibility: To incorporate and practice values to better civic life with humanity and empathy and develop students who are emotionally mature and socially responsible.

PO9 Digital Literacy and Technological Efficiency: To empower the learner to navigate the tech-savvy world with conviction and synchronize with progressions in the technical world.

RESULTS

UG Results

Total Number of final students appeared for the examination	558
Total number of final year students passed the examination	482
Pass Percentage	86%

PG Results:

Total Number of final students appeared for the examination	203
Total number of final year students passed the examination	169
Pass Percentage	83%

RANKS:

Department of Hindi

B.A. Hindi



2nd Rank

Krishna Priya M

7th Rank

Sruthi R Sekharan

M.A. Hindi



1st Rank

Anjali Muraleedharan

3rd Rank

Sumi Thomas

9th Rank

Anju S

10th Rank

Saranya S

Department of History

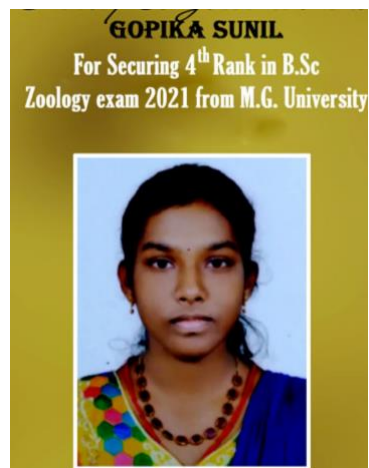
B.A. History



7th Rank Pranav B Nair

Department of Zoology

B.Sc. Zoology



M.Sc. Zoology



Riya Mary Varughese
6th Rank Holder
M.Sc. Zoology 2021
Examination



Anjali Nandan
7th Rank Holder
M.Sc. Zoology 2021
Examination

Department of Botany

B.Sc. Botany



10th Rank- Sreelakshmi

Department of Malayalam

M.A. Malayalam



Department of Mathematics

B.Sc. Mathematics



7th Rank- Sreelakshmi Santhosh



9th Rank- Aksa Mathew

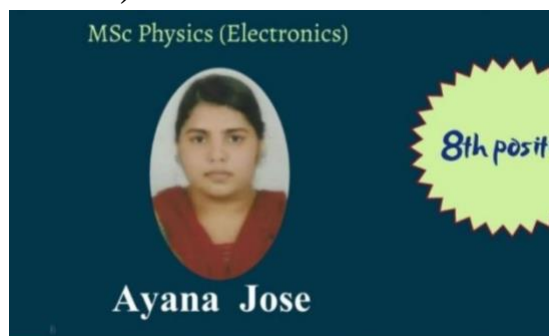
M.Sc. Mathematics



6th Rank- Amalu Varghese

Department of Physics

M.Sc. Physics (Electronics)



M.Sc. Physics (Material Science)

M.Sc. Physics (Material Science)



1

Poornima Jayakumar



2



3

Amritha Krishnan Sreelekshmi Prasad Pillai

Department of Commerce

MTTM



IVth Rank
Varsha Reghunath



IXth Rank
Aiswarya M. Ravi



IXth Rank
Aswin Aji Raj

Department of Chemistry

B.Sc. Chemistry



IIIrd Rank
Lekshmi S

M.Sc. Analytical Chemistry



IInd Rank
Rajalekshmi R Nair

Vth Rank
Niranjana SLinsa

VIIth Rank
Rachel Shabu



VIth Rank
Sumegha Suresh

Xth Rank
Aksa Prasad

Xth Rank
Rumaisa Ibrahim

M.Sc. Polymer Chemistry



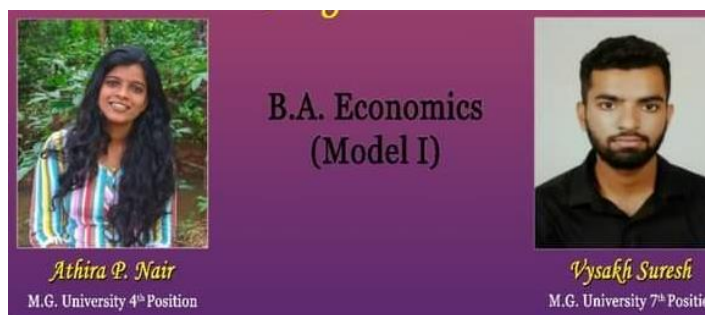
Ist Rank
AthiraPrasannan

IInd Rank
Anagha N

IIIrd Rank
Sreelekshmi S

Department of Economics

BA Economics



Department of English

BA English



6. FACULTY ACHIEVEMENT

Awards:

NAME OF TEACHER	NAME OF AWARD	AWARDING AGENCY
<u>Dr. MINI GEORGE</u> (Assoc. Prof, HoD, Dept. of Hindi)	SmtRejji Devi Nanda Ram SihagSmruthi Samman	Geena Prakashan, Hariyana
<u>SAJITH BABU S</u> (Asst. Prof., Dept. of Physics)	Certificate of Merit for Outstanding NSS Programme Officer	M.G.University, Kottayam
Dr. REKHA R	Best NSS programme officer	M G University, Kottayam
<u>Dr. THOMAS V P</u> (Asst. Prof., Dept. of Botany)	Dr. S Vasudev Award	Kerala State Council for Science Technology & Environment
<u>Dr. JISHA THOMAS</u> <u>(Department of</u> <u>Malayalam)</u>	Sahiti Sahitya Award	Sahiti Youth National Research Award

1. Dr. BINOY T. THOMAS, Assoc. Prof, HoD Botany selected for INSA (Indian National Science Academy Visiting Scientist Fellowship), 2020.
2. Dr. ANU P T. Assoc. Prof, HoD Malayalam, served as Chairperson of the judging committee to decide the Mooloor Award Winner 2021.
3. SAJITH BABU S, Asst. Prof., Dept. of Physics elected as Senate Member of M G University, Kottayam

Number of awards and recognitions received for extension activities from government/ government recognized bodies during the year

Name of the Activity	Award/ Recognition	Awarding Agency
NCC Performance Audit	Score: Excellent (170/200)	14 Kerala Bn NCC, Pathanmthitta
NSS- Re Think single-use campaign	Appreciation to NSS Unit-10 for best activities for 'Re Think single-use' Campaign	Haritha Kerala Mission
NSS Activities	Appreciation to NSS volunteer secretary-Flood mitigation and flood relief activities	District Administration, Pathanmthitta
NSS Activities	Appreciation to NSS volunteer secretary-AnganvadiRenovation Project	District Administration, Pathanmthitta
NSS Activities	Appreciation to NSS volunteer secretary-SVEEP Awarenesscampaign	District Administration, Pathanmthitta
NSS Activities	Appreciation to NSS volunteer secretary- General election 2021 assistance	District Administration, Pathanmthitta
NSS Activities	Appreciation to NSS volunteer secretary-COVID 19 War room activities	District Administration, Pathanmthitta

NSS Activities	Appreciation to NSS volunteer secretary-National Trust Act awareness	District Administration, Pathanmthitta
NSS Activities	Appreciation to NSS volunteer secretary-Survey on online education facilities	District Administration, Pathanmthitta
NSS Activities	Award for Best NSS Unit of M.G.University	M.G.University, Kottayam
NSS Activities	Certificate of Merit for Outstanding NSS Programme Officer	M.G.University, Kottayam
NSS Activities	Award of Certificate of Appreciation for Outstanding Performance for a Volunteer (Mr. Anirudh B Kurup)	M.G.University, Kottayam

Academic Contributions:

S. No	Name of Teacher	Book Title
1	Dr.Raneesh B	Metal oxide Nanocomposites Synthesis and Applications, (book Editors: PM Visakh, B Raneesh)
2	Dr.Raneesh B	Nanostructured Multiferroics, (book Editors : PM Visakh, B Raneesh)
3	Dr. Renny P. Varghese	Science, Technology and Innovation, Spectra of SG-vertex Corona of Graphs
S No	Name of Teacher	Chapters in Books
1	Dr. George Thomas	Urban climate and local climate zone classification in the city of Kochi in India.
2	Dr. Dhanya I	Synthesis and characterization studies of silver nano particles using homoeo medicine (Gelsemium Sempervirens)
3	Dr. Dhanya I	Anti Fungal Studies of Tea Leaf mediated Silver Nano Colloid
4	Dr. Dhanya I	Structural and optical studies of colloidal silver nano particles
5	Dr. Dhanya I	Gamma irradiated silver-anthracene nano composites for luminescent material fabrications
6	Dr. Dhanya I	Gamma radiation on silver nano colloid for anti-fungal activity
7	Gokul G Nair	Diversity of Black mildew causing fungi on ornamental plants of Konni Forest division of Southern Western Ghats

Members of Board of Studies

S No	Name	Department	Position
1	Dr. Sunil Kumar R	Zoology	Chairman, PG BoS, MGU
2	Anusha Merin Wilson	Zoology	Member, Microbiology BoS, MGU
3	Dr. M S Paul	Malayalam	Member, PG BoS. MGU
4	Dr. Asha Philipose	English	BoS of Affiliating university
5	Dr. Renny P. Varghese	Mathematics	BoS of Affiliating university
6	Ms. Manju John	Mathematics	BoS of Affiliating university
7	Dr. Dais George	Mathematics (Statistics)	BoS of Affiliating university
8	Dr Pratheep PS	History	Chairman, PG BoS, MGU
9	Boban Aloysius	History	BoS of Affiliating university
10	Vivek Jacob Abraham	History	BoS of Affiliating university
11	Dr.Geevarghese M Thomas	Economcs	BoS of Affiliating university

12	Bijoy D Abraham	Economics	BoS of Affiliating university
13	Dr. Ann Nicy Jacob	Commerce	BoS of Affiliating university
14	Dr. Saino Hannah Varghese	Chemistry	BoS of Affiliating university
15	Dr. Binoj K K	Chemistry	BoS of Affiliating university
16	Jijo K Joseph	Physical Education	BoS of Affiliating university

Contributions of Teachers towards Academics & Evaluation:

Name of teacher participated	Name of the body in which full time teacher participated
Dr.AshaPhilipose	BoS of Affiliating university, Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Steve Vincent	Assessment /evaluation process of the affiliating University
DivyaUthup	Assessment /evaluation process of the affiliating University
Anu Francis	Assessment /evaluation process of the affiliating University
JishaElezaba	Assessment /evaluation process of the affiliating University
Chithra Mary Philip	Assessment /evaluation process of the affiliating University

Tessy Thomas	Assessment /evaluation process of the affiliating University
Renu Anna Boban	Assessment /evaluation process of the affiliating University
Jiji Anna Jacob	Assessment /evaluation process of the affiliating University
Dr. Renny P. Varghese	BoS of Affiliating university,Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University, Assessment /evaluation process of the affiliating University
Ms. Manju John	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Dr. Beena Koshy	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Deepa Susan Oommen	Assessment /evaluation process of the affiliating University
Dr. Dais George	BoS of Affiliating university, Design and Development of Curriculum for Add on/ certificate/ Diploma Courses, Assessment /evaluation process of the affiliating University
Dr Pratheep PS	BoS of Affiliating university,Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University, Assessment /evaluation process of the affiliating University
Dr Smitha Sara Padiyara	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Ansu R	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Fr.Dr.Thomson Robi	Assessment /evaluation process of the affiliating University
Boban Aloysius	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Dr.Anu R	Assessment /evaluation process of the affiliating University

Vivek Jacob Abraham	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Dr. Mini George	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Shirly Baby	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Jiji T Joseph	Assessment /evaluation process of the affiliating University
Dr.Sanu Thomas	Setting of question papers for PG programs, Assessment /evaluation process of the affiliating University
Dr.Rosy P Varghese	Setting of question papers for PG programs, Assessment /evaluation process of the affiliating University
Dr.Renji Koshy	Setting of question papers for PG programs, Assessment /evaluation process of the affiliating University
Dr.Laija PJ	Setting of question papers for PG programs, Assessment /evaluation process of the affiliating University
Dr. Anu PT	Assessment /evaluation process of the affiliating University
Dr.MS Paul	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Dr. Bincy PJ	Assessment /evaluation process of the affiliating University
Dr. Jessy Alexander	Assessment /evaluation process of the affiliating University
Saumya Jose	Assessment /evaluation process of the affiliating University
Dr.R Rekha	Assessment /evaluation process of affiliating University

Dr.Shyni T Alexander	Assessment /evaluation process of the affiliating University
Dr.Geevarghese M Thomas	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Bejoy D A braham	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Dr Ann Naisy	BoS of Affiliating university, Assessment /evaluation process of the affiliating University
Dr.Kuriakose v Kocheril	Assessment /evaluation process of the affiliating University
Dr.Mathew George	Assessment /evaluation process of the affiliating University
Dr. PhiliposeOmme n	Assessment /evaluation process of the affiliating University
Dr Binoy T Thomas	Assessment /evaluation process of the affiliating University
Dr. Deepthi AS	Assessment /evaluation process of the affiliating University
Gokul G Nair	Assessment /evaluation process of the affiliating University
Dr.Nisha Joseph	Assessment /evaluation process of the affiliating University
Tinu Thomas	Assessment /evaluation process of the affiliating University
Hima KS	Assessment /evaluation process of the affiliating University
Dr.Thomas VP	Assessment /evaluation process of the affiliating University

Dr.Sunil Kumar R	BoS of Affiliating university,Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Liji Koshy	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Kiran Joseph	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Susan K Wilson	Setting of question papers for PG programs, Assessment /evaluation process of the affiliating University
Mahima Ann Abraham	Setting of question papers for PG programs, Assessment /evaluation process of the affiliating University
Anusha Merin Wilson	BoS of Affiliating university,Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Shaloo Ann Thomas	Setting of question papers for PG program, Assessment /evaluation process of the affiliating University
Dr. George Thomas	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Soosan Samuel	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Dhanyai	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Raji Koshy	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Anoop PD	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Jini K Jose	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Asitha C Nair	Assessment /evaluation process of the affiliating University

Sajith Babu	Assessment /evaluation process of the affiliating University
Dr.Achamma George	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Sibi Chandran	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Raneesh B	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Reshmi P	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Sunil Jacob	Assessment /evaluation process of the affiliating University
Dr.Saino Hanna Varghese	BoS of Affiliating university,Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.PreethySoosan Thomas	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr.Janey Mary Mathew	Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Dr. Binoj KK	BoS of Affiliating university, Setting of question papers for UG/PG programs, Assessment /evaluation process of the affiliating University
Sumitha Tom	Assessment /evaluation process of the affiliating University
Dr.Jinu PY	Assessment /evaluation process of the affiliating University
Dr.Sosamma John	Assessment /evaluation process of the affiliating University
Jijo K Joseph	BoS of Affiliating university, Assessment /evaluation process of the affiliating University

7. **NON TEACHING STAFF**

S No	Title	Number
1	Senior Superintendent	1
2	Head Accountant	1
3	UD Clerk	1
4	LD Clerk	6
5	Office Attendants	5
6	Library Assistant	1
7	Laboratory Assistants	5
8	Mechanic	1
9	Herbarium Keeper	1
10	Gardner	1

8. **RESEARCH AND EXTENSION**

Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

- a. RUTRONIX – MoU with department of Commerce for PSC approved Computer courses for girls students to the college as well as for the society
- b. Moonlight aquarium – MoU with department of Zoology for a certificate course

- c. National centre for Earth Science Studies – MoU with Catholicate College for partnering to maintain lightning detection network and collaboration for 5 years.

Number of research papers per teachers in the Journals notified on UGC website during the year

TITLE OF PAPER	AUTHORS	DEPARTMENT	NAME OF JOURNAL
The Book of Lamantations	Dr M S Paul	Malayalam	Alaochana Chakra
MalabarinoduVidaparayumpol	Dr M S Paul	Malayalam	INJMER
On the normalized Laplacian Spectrum of some graphs	Dr.Renny P. Varghese & Dr. D. Susha	Mathematics	Kragujevac Journal of Mathematics
Euler's equation of motion by using interval estimation	Dr.Renny P. Varghese	Mathematics	Turkish J. of Computer and Mathematics Education
Bayesian Analysis of two parameter Weibull Distribution Using Different loss function	Dr.Dais George	Mathematics	Stochastic modelling and Applications
Discrete EsscherTansformed Laplace Distribution and its Applicatiom	Dr.Dais George	Mathematics	Stochastic modelling and Applications
Multivariate Esscher Transformed Laplace Distribution	Dr.Dais George	Mathematics	Journal of Statistical Theory and Applications
Defects characterisation and studies of structural properties of sol-gel synthesised MgFe ₂ O ₄ nanocrystals through positron annihilation and supportive spectroscopic methods.	Dr. Raneesh B	Physics	Philosophical Magazine,
Defect-focused analysis of calcium-substitution-induced structural transformation of magnesium ferrite nanocrystals	Dr. Raneesh B	Physics	New Journal of Chemistry
Enhanced magnetoelectric coupling and dielectric constant in flexible ternary composite electrospun fibers	Dr. Raneesh B	Physics	New Journal of Chemistry

of PVDF-HFP loaded with nanoclay and NiFe ₂ O ₄ nanoparticles.			
Distribution and extracellular enzyme production of cultivable bacteria isolated from pneumatophores of Ayiramthengu mangrove ecosystem of Kerala coast	Dr. R.Sunil Kumar	Zoology	Journal of the Marine Biological Association of India
Diversity and distribution of Chironomidae larvae in relation to the water quality of Pampa river in the Perunadarea,India	Dr. R.Sunil Kumar	Zoology	Journal of Aquatic Biology and Fisheries - special issue on Rivers
Species Composition and substrate specificity of periphytic diatoms from lower and middles stretches of river Periyar in Kerala	Dr. R.Sunil Kumar	Zoology	Journal of Aquatic Biology and Fisheries - special issue on Rivers
Species Composition, substrate specificity and seasonal abundance of periphytic algae in the tropical riverine system, Periyar,India	Dr. R.Sunil Kumar	Zoology	Aquatic Research
Species Composition and diversity of macro and micro benthos in Thangassery Fishing Harbour area of Kerala,South west coast of India	Dr. R.Sunil Kumar	Zoology	Indian Journal of Natural Science
A new species and a new combination of Amomum Roxb. (Zingiberaceae) from Sikkim Himalaya, India	Dr.V.P. THOMAS	Botany	Phytotaxa
Ethnobotanical significance of Zingiberales: a case study in the Malaipandaram tribe of Southern western Ghats of Kerala	Dr.VP Thomas &Dr.Binoy T Thomas	Botany	Indian Journal of Traditional Knowledge
Algal associates and the evidence of cyanobacterial nitrogen fixation in the velamen roots of epiphytic orchids	Dr.Deepthi A.S.	Botany	Global Ecology and Conservation
Outbreak of HABs in the sacred rivers of Achencovil and Pamba	Dr.Binoy T Thomas , Dr. Soosen Samuel, Dr. VP Thomas	Botany	Indian Hydrobiology
Satisfaction level of patients towards the service of Government & Private hospitals in Kerala	Dr. Mathew George	Commerce	Journal of Emerging Technologies & Innovative Research

PhD Awardees:

S No	Name of the Awardees	Name of the Guide
1	Lija Achamma George	Dr. Mini George,
2	Asha G Nair	Dr. Babu Joseph
3	Nejuma S Hakeem	Dr. Sheena Eapen
4	Rev. Fr. Joby Jacob	Dr. M S Paul
5	Aiswarya M	Dr. M S Paul
6.	Jessy Alexandar	Dr. Seema Jerome
7	Renny P Varghese	Dr. Susha D

9. **SEMINARS/WORKSHOPS ORGANIZED BY THE COLLEGE**

S. No.	Department	Conference/ Workshop Name
1	English	National Webinar of Gender Stereotyping
2	English	Murali Manohar Lecture 2020
3	Hindi	Language Development Prgogramme 'BhashayumSoundaryashastravum'.
4	Malayalam	One day Seminar and Book release
5	Commerce	Workshop on Research Methodology
6	Commerce	Introduction to Securities Market
7	Commerce	Professional Excellence
8	Commerce	Webinar on Project preparation
9	Commerce	Webinar on Econometrics Simplified
10	Commerce	Webinar on Recapitulation of Literature review and Theoretical Framework
11	Commerce	Webinar on Awareness on Voting Rights
12	Mathematics	Seminar on Human Rights
13	Mathematics	Career Orientation Programme
14	Physics	Webinar "Opportunities & Challenges in Higher Education"
15	Physics	Five day Awareness Programme on Clean Renewable Energy

16	Chemistry	International Webinar on “Insight into Reaction Mechanism- Photophysical & Photochemical Studies using Ultrafast Laser Spectroscopy”
17	Botany	Application of Algae in Scientific Research
18	Botany	How to Write Review Papers in Scientific Journals
19	Botany	Basics of Research Methodology and Application of Photochemistry
20	Botany	Webinar on Gender Sensitization
21	Botany	Webinar on Women Safety & Respect
22	Botany	Practical Session on Mendeley
23	Botany	Practical Session on Photoshop
24	Botany	Thesis writing, an Art with Science
25	Zoology	Wildlife Week Celebration
26	Zoology	Softskill Class: “Pursuit of Happiness: Turning Hobbies into Careers”
27	NSS	Cyber Bullying on Women
28	NSS	Indian Constitution Day Celebration
29	NSS	Covid days and Mental Health
30	IQAC & Rutronix	Training Session on ‘Emerging ICT Enabled Teaching Tools’

DEPARTMENT OF ENGLISH

DEPARTMENT OF ENGLISH

**National Webinar on
Gender Bias and Stereotyping
in Covid 19 Scenario**

In collaboration with UGC

22 September, 2020 @ 2.pm

Resource Person



Dr. S. Meena priya dharshini,
Head & Director i/c
Department and Centre for Women's
Studies,
Mother Teresa Women's University,
Kodaikanal, Tamilnadu

Registration

<https://forms.gle/3KX7kiBezeZ7nnNm8>

Organized by

PG Department of English

Catholicate College, Pathanamthitta, Kerala

NAAC Reaccredited A Grade with 3.60 CGPA DIST-FIST Identified, ISO9001-2008
Certified College & UNAI Member Institution

For queries- webinareccp@gmail.com, 9387607154

Steve Vincent
Convenor

Dr.Asha Philipose
HOD English

Dr.Mathew P.Joseph
Principal

PG DEPARTMENT OF ENGLISH
CATHOLICATE COLLEGE PATHANAMTHITTA

Murali Manohar Lecture 2020

Join us on Tuesday 27th October, 2020 @ 11am

Google Meet Link <https://www.meet.google.com/tpu-wpgy-rti>

Sri. Murali Manohar joined Catholicate College,
Pathanamthitta as a lecturer in the Department of
English in 1982 and rendered his selfless services
for the glorious years till 1987, when he departed for
his heavenly abode. A dignified gentleman and an
inspiring teacher his memory remains etched in the
hearts of his students and colleagues.



*The Politics of Colour
Perspectives on Contemporary Black Feminist Writing*

By

Dr. Shruti Das

Associate Professor and Head

Department of English, Berhampur University, Odisha



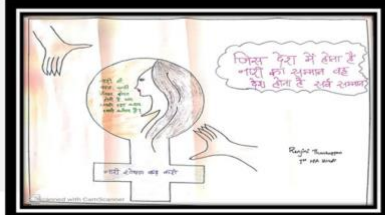
Jisha Elezaba
Coordinator

Dr.Asha Philipose
HOD

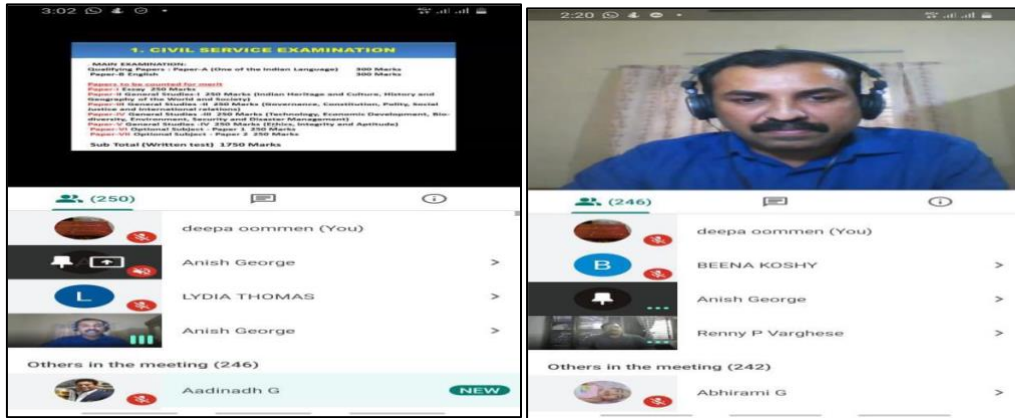
Dr.Mathew P.Joseph
Principal

DEPARTMENT OF HINDI

DEPARTMENT OF HINDI
INTERNATIONAL WOMEN'S DAY OBSERVANCE 08/03/2021



DEPARTMENT OF MATHEMATICS



Career Orientation program was organised by the Dept. of Mathematics

DEPARTMENT OF MATHEMATICS

WEBINAR ON HUMAN RIGHTS ON 17/11/2020 & 18/11/2020

Post Graduate and Research Department of Mathematics
Catholicate College, Pathanamthitta
NAAC Re-Accredited A grade with CGPA 3.60

Webinar On Human Rights

Session I
17/11/2020
11:00 AM - 12:30 PM

Resource person

Dr. Renny P. Varghese
HOD, Department of Mathematics

Session II
18/11/2020
11:00 AM - 12:30 PM

No registration fees
First 250 participants will be admitted
Certificate will be provided

Organising Committee

Dr. Mathew P. Joseph (Principal)
Dr. Renny P. Varghese (HOD)
Dr. Beena Koshy (Co-ordinator)
Smt. Manjya John
Smt. Deepa Susan Oommen
Smt. Regia Alex George

For registration
[CLICK HERE](#)

Platform: For details contact us on : -91 924 74 92579

POSTGRADUATE & RESEARCH DEPARTMENT OF MATHEMATICS
CATHOLICATE COLLEGE, PATHANAMTHITTA

WEBINAR ON HUMAN RIGHTS ON 17th & 18th November 2020
INAUGURAL SESSION on 17-11-2020:11.30 am

PROGRAMME

Prayer Song	: Megha S., Du Mathematics
Welcome speech	: Dr. Beena Koshy
Presidential Address	: Dr. Renny P. Varghese HOD, Department of Mathematics
Inaugural Address	: Dr. Mathew P. Joseph, Principal
Talk on Human Rights (Session I)	: Dr. Pradeep P.S. HOD, Department of History
Vote of Thanks	: Smt. Manjya John

Terms & Conditions

*Students of class XI & XII of govt./ aided/unaided schools can participate

*The competition will have two phases; a preliminary phase through Google forms on 03-12-2020 and a final phase via. zoom platform on 04-12-2020

*Fill the registration form before 02-12-2020 and a registration fee of Rs.50/- has to be remitted by each candidate at the time of registration

*Participants who get the first five positions of the preliminary phase will be eligible for the final round

DR. MATHEW P. JOSEPH, PRINCIPAL
DR. RENNY P. VARGHESE, HOD
SMT. DEEPA SUSAN OOMMEN
(CO-ORDINATOR)

Contact-9400620796

POSTGRADUATE & RESEARCH
DEPARTMENT OF MATHEMATICS
CATHOLICATE COLLEGE, PATHANAMTHITTA
NAAC Re-Accredited A grade with CGPA 3.60

I Prize - Rs. 3000/-
II Prize - Rs. 2000/-
III Prize - Rs. 1000/-

ALL KERALA MATHEMATICS TALENT SEARCH QUIZ COMPETITION 2020

03- 12 - 2020
2.00 p.m.

&

04 - 12 - 2020
10.00 a.m.

For registration
[CLICK HERE](#)

DEPARTMENT OF COMMERCE

CATHOLICATE COLLEGE, PATHANAMTHITTA
 NAAC RE-ACCREDITED A GRADE WITH CGPA 3.6
RESEARCH AND POST GRADUATE
DEPARTMENT OF COMMERCE & TOURISM

WEBINAR ON AWARENESS OF VOTING RIGHTS

Date : 4/11/2020 Time : 10.00 am
 RESOURCE PERSON : Vivak Jacob Abraham
 Assistant Professor
 Department of History
 Catholicate College Pathanamthitta

Platform: 


DR. KURIAKOSE V KOCHERIL
COORDINATOR DR. ANN NAISY JACOB
HEAD OF DEPARTMENT DR. MATHEW P JOSEPH
PRINCIPAL

CATHOLICATE COLLEGE, PATHANAMTHITTA
 NAAC Re-Accredited A Grade with CGPA 3.6
RESEARCH AND POST GRADUATE
DEPARTMENT OF COMMERCE & TOURISM

GUEST LECTURER ON
DUTIES AND RESPONSIBILITIES OF CITIZENS

Time : 10.00 am, Dabe : 2nd December, 2020

RESOURCE PERSON: JUSTIN P JAMES
 ASSISTANT PROFESSOR
 DEPARTMENT OF HISTORY
 CATHOLICATE COLLEGE, PATHANAMTHITTA

PLATFORM: 


Justin P James Dr. Ann Naisy Jacob Dr. Mathew P Joseph
 Coordinator Head of Department Principal

CATHOLICATE COLLEGE, PATHANAMTHITTA
 NAAC Re-Accredited A Grade with CGPA 3.6
RESEARCH AND POST GRADUATE
DEPARTMENT OF COMMERCE & TOURISM

A WEBINAR ON SUSTAINABLE DEVELOPMENT AND CONCERN FOR FUTURE GENERATION

Date : 15 th December , 2020

RESOURCE PERSON : Justin P James
 Assistant Professor
 Department of Commerce
 Catholicate College, Pathanamthitta

PLATFORM : 

MATHEW GEORGE DR. ANN NAISY JACOB DR. MATHEW P JOSEPH
 COORDINATOR HOD PRINCIPAL

welcome speech: DR. Ann Naisy Jacob
 HOD, Commerce Department


Date of Thanks: Prayanshu Philip
 Assistant Professor

PG & RESEARCH DEPARTMENT OF COMMERCE
CATHOLICATE COLLEGE, PATHANAMTHITTA

WEBINAR ON PROJECT PREPARATION


07.12.2020
 Time: 9:30 am to 10:30 am

Session Lead by **Sarina Thomas. A**
 Assistant Professor, Department of Commerce/Self financing, CMS College (Autonomous), Kottayam



PG & Research Department of Commerce
Catholicate College, Pathanamthitta


Date: 09.03.2021
 Time: 10:00 Am



Dr. Santhosh Kumar P K
 Asst. Professor & Hon. Fellow at Centre for Budget Studies, CUSAT

One Day Webinar
 Topic
Econometrics Simplified

HOD: DR. Ann Naisy Jacob
 Coordinators: DR.Kuriakose V Kocheril
 Mathew George



RESEARCH ETHICS

ONE DAY SEMINAR
TOPIC: RESEARCH ETHICS

RESOURCE PERSON
DR. Nibu A George
 Assistant Professor of Physics
 Basellius College,
 Kottayam

DEPARTMENT OF COMMERCE
CATHOLICATE COLLEGE
PATHANAMTHITTA

Affiliated to Mahatma Gandhi University
 (ESTD: 1952 | NAAC 'A+' ACCREDITED)

DATE: 20.03.2021
TIME: 10.00 AM

DEPARTMENT OF PHYSICS

Prof.V I Joseph Memorial Webinar Series

INAUGURATION

Lecture 1

OPPORTUNITIES & CHALLENGES IN HIGHER EDUCATION

03rd September 2020/Thursday / 9.00 am





Prof. (Dr.) Sabu Thomas
Hon'ble Vice-Chancellor
M.G. University, Kottayam

Join with Google Meet
meet.google.com/ufbz-kgj-ags

No registration fee

Organised by
**DEPARTMENT OF PHYSICS
CATHOLICATE COLLEGE
PATHANAMTHITTA**
ESTD 1962/BAAC & ACCREDITED UPA 5.00

The pandemic COVID-19 has pushed conventional teaching on to online platforms. An educationalists get an opportunity to rethink how to provide smart teaching and learning in education. In this webinar, the postgraduate and research department of Physics, Catholicate College, Pathanamthitta is organising a national levelled opportunities and challenges in higher education. Prof. (Dr.) Sabu Thomas, Hon'ble Vice-Chancellor, M.G. University has kindly consented to inaugurate the webinar series and deliver the keynote address. Dr. Mathew P Joseph, Principal of the college will deliver the introductory remarks. You are cordially invited to grace the occasion.

Regards,

Dr. Soosen Samuel M (HoD) Dr. Mathew P Joseph (Principal)
Dr. Ramesh B (Co-ordinator) Dr. Sunil Jacob (Bursar)

Programme

02nd September 2020 (Thursday)

8:45 am - Join with Google Meet

9:00 am - Introductory remarks - Dr. Mathew P Joseph (Principal)

9:30 am - Inauguration & Keynote address - Prof. Sabu Thomas
(Hon'ble Vice-Chancellor, M.G. University)

10:00 am - Vote of thanks - Dr. Ramesh B (Co-ordinator)

Organising Committee

Dr. George Thomas, Dr. Sathya J, Dr. Binu Kishor, Dr. Anoop P J, Dr. K Jose, Ashrafi C, Prof. Sushil Babu S, Dr. Subramaniam George, Dr. Senthil A, Ramesh P, Dr. Sibi Chackran, G S.



**CATHOLICATE COLLEGE
PATHANAMTHITTA**

In association with

ANERT

AGENCY FOR NEW AND RENEWABLE ENERGY
RESEARCH AND TECHNOLOGY
GOVERNMENT OF KERALA



*Five day awareness programme
on*

CLEAN ENERGY FUTURE

19 - 24 DECEMBER 2020

Award of E- Certificate

1. Certificate from ANERT (Govt. of Kerala)
2. Based on 80% attendance and 40% in the online examination
3. The Course duration shall be one hour per day

Target Participants

Seats are opened for students from Catholicate College

Click here to Register Free registration

Dr. Mathew P Joseph (Principal)
Ms. Radhika J M (Project Engineer, ANERT)
Dr. Sunil Jacob (Bursar)
Dr. Soosen Samuel M (HoD, Dept. of Physics)

For queries, contact:
Dr. George Thomas (Co-ordinator)
Assistant Professor
Department of Physics
Mob. 9846415414
Email: geonce@gmail.com

Organised by: PG & RESEARCH DEPARTMENT OF PHYSICS

DEPARTMENT OF CHEMISTRY

Recording

Insight into Reaction Mechanisms: Photophysical and Photochemical Studies Using Ultrafast Laser Spectroscopy

Department of Chemistry
Catholicate College

Dec 11, 2020

Jojo Joseph, Ph.D.
Assistant Professor
Department of Chemistry
Fairmont State University

Zoom meeting interface showing a grid of participants on the right side of the slide.



Recording

Postdoctoral Research: The Ohio State University

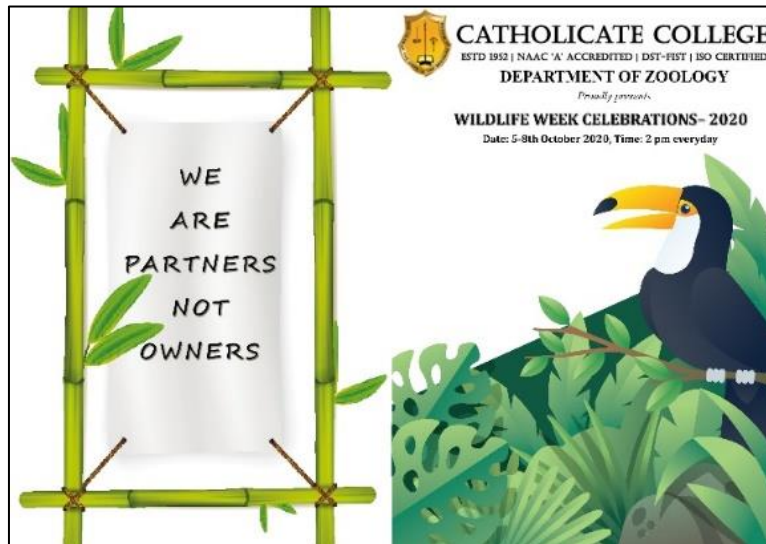
Zoom meeting interface showing a grid of participants on the right side of the slide. The slide content includes architectural renderings of university buildings and a stadium.

DEPARTMENT OF BOTANY

<p>DEPARTMENT OF BOTANY Webinar on "Gender Sensitization" 15/10/2020</p>  <p>POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY CATHOLICATE COLLEGE, PATHANAMTHITTA</p> <p>Webinar</p> <p>Gender Sensitisation October 10th 2020 At 5:00 pm</p>  <p>Resource Person Dr. Thomas V P Assistant Professor Department of Botany Catholicate college Pathanamthitta</p>	<p>DEPARTMENT OF BOTANY Awareness Programme on Women Safety and Respect 09/01/2021</p>  <p>POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY CATHOLICATE COLLEGE, PATHANAMTHITTA</p> <p>Webinar</p> <p>Women Safety and Respect January 9th 2021 At 7 pm on</p>  <p>Mahesh Babu P K, Assistant Sub-Inspector, Medical College Police Station , Kozhikode</p>
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<p>POSTGRADUATE AND RESEARCH DEPARTMENT OF BOTANY, CATHOLICATE COLLEGE PATHANAMTHITTA</p> <p>APPLICATION OF ALGAE IN RESEARCH</p> <p>Discovering, learning, and reaching for the beyond</p> <p>Resource person: Dr. Santhosh kumar kookal(Research scientist IGCB)</p> <p>SEPTEMBER 18, 2020</p> <p>7:00PM</p> 	
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DEPARTMENT OF ZOOLOGY



CATHOLICATE COLLEGE
ESTD 1952 NAAC REACCREDITED A GRADE WITH 3.40 CGPA
Post Graduate and Research
DEPARTMENT
OF ZOOLOGY
Presents
**PURSUIT OF HAPPINESS:
TURNING HOBBIES INTO CAREERS**
A soft skill enhancement program
**DEC 12, 2020
11:30 AM**
Zoom link : <https://us02web.zoom.us/j/833693934767>
pwd-b1NvUDZFZG5MTENZOHM1U3H4T2psQT09
Meeting ID: 833 6939 3476
Passcode: 842276
Resource Person
Mr. Jobin Joseph
Alumni member,
Film editor, Film maker

Ms Liji Koshy
CO-ORDINATOR

Dr. R. Sunil Kumar
HEAD OF THE DEPARTMENT

Dr. Mathew P. Joseph
PRINCIPAL

The poster has a vibrant yellow and blue background with a gear pattern. It features a circular portrait of Mr. Jobin Joseph. The text is arranged in a clear, hierarchical manner, providing all necessary details for the event.

CATHOLICATE COLLEGE
ESTD 1952 NAAC REACCREDITED A GRADE WITH 3.60 CGPA
DEPARTMENT OF ZOOLOGY
And
COVID-19 MONITORING COMMITTEE
Organizes
PREVENT COVID-19 SPREAD CAMPAIGN
An awareness campaign to control the spread of Covid-19
28/12/2020 TO 31/12/2020

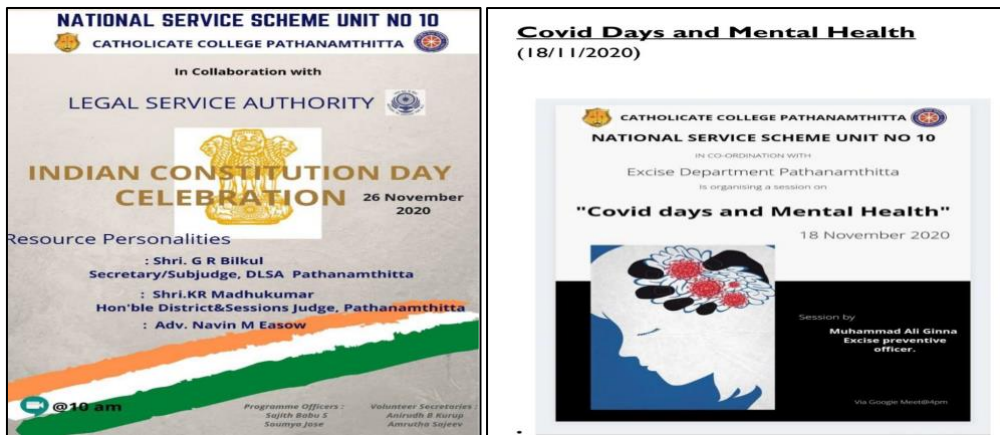
**Break
the
Chain**

- Keep social distancing
- Use your own stationery
- Wear a mask
- Do not share tiffin boxes or water bottles
- Keep your hands clean

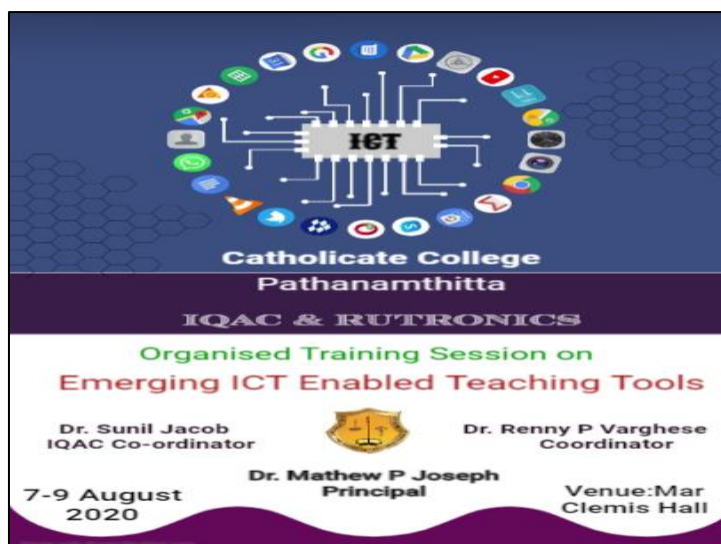
Together, let's do our part to keep each other healthy.

The poster features a central sun-like graphic with the text 'Break the Chain'. Surrounding this are five circular icons, each with an illustration and a corresponding safety instruction: social distancing, using own stationery, wearing a mask, not sharing tiffin boxes, and hand hygiene. The bottom of the poster has a yellow banner with a concluding message.

NSS PROGRAMMES



IQAC



10. INFRASTRUCTURE AND LEARNING RESOURCES

Catholicate College aims towards holistic development of the students. It offers both the physical and learning facilities required to support 13 U.G courses, 16 P.G courses, 8 research centres, 3 Academic Chairs and 2 Add- on courses.

The Academic Blocks are:

- The Science Block: Chemistry, Physics, Botany & Zoology
- Mar Dionysius Block– Mathematics, English, History
- St.Thomas Silver Jubilee Block– Hindi, Malayalam
- St.Mary's Block– Economics
- Administrative Block– Commerce, Physical Education
- H.G. Daniel Mar Philoxenos Diamond Jubilee Block- BCA

There are 67 classrooms, 11 HOD rooms and 14 staff rooms. All rooms are well equipped, and Wifi enabled. The Golden Jubilee Library and the departmental libraries function as brain boosters. The 18 science laboratories (separately set up UG,PGand

Research) are safe and modern. There are 8 computer labs in the campus. All Departments are technologically updated and connected to the Public Address System. An uninterrupted power supply is provided via a transformer.

Other facilities available in the campus are 2 Seminar/Conference Halls with centralised AC, one mini Digital and two Science Theatres, a multifunctional NUHRO language lab, Botanical Garden and Museum, Ginger House, Phycotechnology Lab, Zoology Museum, and Sophia Counselling Centre. IGNOU study centre and Rutronix centre are also available to students.

Cultural activities are conducted in the Heritage Auditorium, Open Auditorium, or departmental seminar halls. Faculty Members nominated as Staff Advisors to the College Union, Arts Club, and the Editorial Board of the College Magazine oversee their activities.

The student centre is available to students to meet and organize activities.

Infrastructure Facility for Physical Education:

Catholicate College has the facilities to cater to active sports culture in the campus. Training is provided to students in various sports under the supervision of two permanent Physical Education faculties and the aegis of Kerala Sports Council and District Sports Council. The college conducts an annual Sports Day and intra-mural competitive events, from which participants are selected for University, State and National level competitions.

The College has facilities for outdoor (Football, Volleyball, Basketball, and Badminton courts and a 200-meter track) as well as indoor games (Caroms, Chess, Table Tennis, Judo, Fencing, TaekWondo, Weight Lifting and Power Lifting). There are two pavilions, a gymnasium and a Yoga hall. The Health and Fitness Clubs work alongside the Physical Education Department. Health Centre oversees the Amenity Centre and first-aid.

Library:

College library is fully automated and books are well maintained, barcoded and issued using computer software. The library has a good collection of book in all the subjects & updated with changes in the syllabus. The officials of the library guide the users about the collections in the library using OPAC/ webOPAC. Library kiosk machine provides easy search modules to access Catalogued books, New arrivals, Periodical links etc. The computer section with high speed nodes/ terminals gives uninterrupted access to NLIST project.

Name of ILMS software – Campus Net ERP software, Infoweavers

Nature of automation (fully or partially) – Fully

Version -5.0.1

Year of Automation-2004

Library Kiosk machine and Library E-gate facilities are available.

IT facilities

The college is powered with sufficient computer facility. A total of 147 computers with memory of 2GB or more RAM and a capacity of minimum 250 GB Hard disk are installed at various locations. The students and teachers are provided with free internet facility in the library. The students are permitted to access the internet provided in the Departments also. All the departments can access the internet with the Wi-Fi provided by the office using routers. Devices such as GIGA POE switch Net gear, access point devices and routers help in providing uninterrupted internet connectivity inside the campus. All the students are provided with INFLIBNET facility. Research students are beneficiaries of ICT in pursuing advanced research and publication by the utilization of close to 6000 e-journals through INFLIBNET. Licensed Software such as MS OFFICE, WINDOWS, TALLY, PEACHTREE, MATHEMATICA, SPSS, FIREFLY, PHYSIO EX, MATLAB, SOLVER SUITE, ORIGIN, TELL ME MORE etc., are used. A Centralized printing and scanning facility is available for the smooth conduct of internal exams and other reprographic requirements of the departments. The College organizes orientation programmes for students and teachers to familiarize them with the latest ICT technology in teaching -learning process. ICT enabled technology and power point

is being used by the students for their Seminar and paper presentations. ICT is promoted in library and administration by making available requisite hardware and software in areas like payroll, student database, results, library catalogue, security, connectivity, etc. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, wifi facility etc. The institution plans to increase the student to computer ratio from 15:1 to 6:1 and to increase the broad band access speed from 200 MBPS to higher level.

Rain Water harvesting system



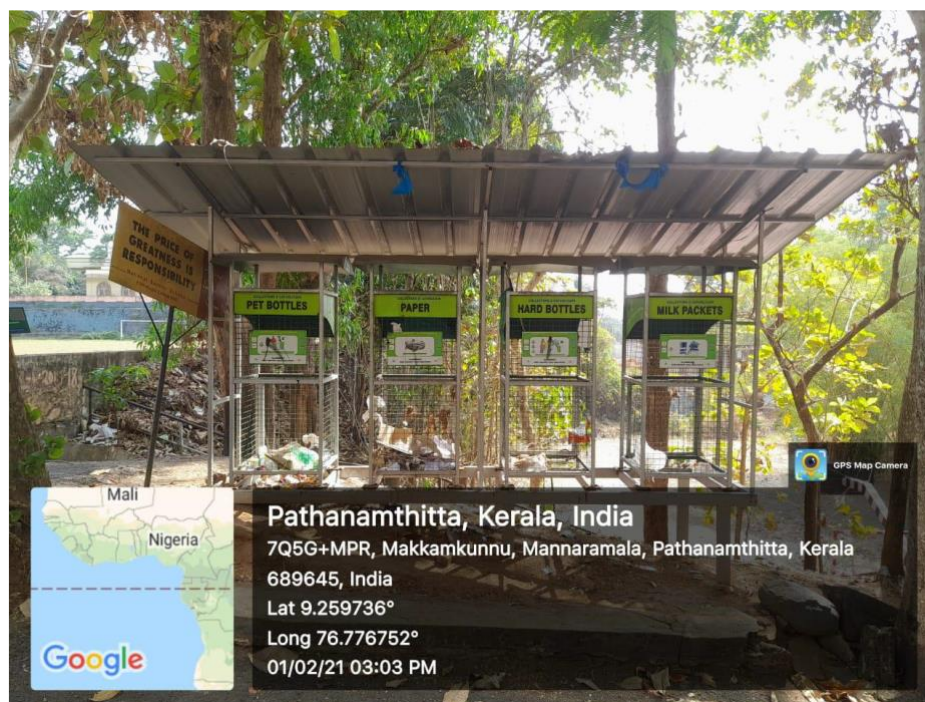
Water bodies and distribution system in the campus



Divyangjan friendly washrooms



Solid Waste Management



11. FUTURE PLANS

- To increase and facilitate the number of students enrolling for online courses offered by platforms like Swayam, NPTEL etc.
- To organise FDPs to help teachers in the neighbouring colleges and institutions.
- To facilitate continuous updation of knowledge and use of technology by both the students and teachers.
- To organise YIP for students.
- To Introduce short term courses across various faculties.
- To evaluate Teaching and Learning with the assistance of students Feedback system.
- To organize Seminars/programmes on Entrepreneurship Development among the students.
- To implement and introduce virtual labs (for experiential learning) in all Science departments and initiatives to make the college a nodal center for virtual lab training.

- To strengthen the knowledge of teachers and students through an exposure to real life situations.
- To recommend the management to provide financial assistance for infrastructure development.
- To encourage students to take up research projects and field visits.
- To develop initiative programmes like WWS, ASAP etc.
- To successfully conduct the Platinum Jubilee celebrations of the college.

12. CONCLUSIONS

On this concluding remark, we would like to thank the God almighty and the Holy fathers of Malankara Orthodox Church for the blessings and strength they showered on us during difficult times. The academic year 2020-21 which was shadowed by the Corona pandemic was a period of struggle and fight for survival for everyone. The academic community who found ingenious methods to strive through this turbulent period effectively and efficiently deserves special appreciation. This annual report is nothing but the result of the hard work put in by the academic and non-academic staff of this college. Despite the pandemic situation, various departments of the college took genuine effort to conduct online seminars and symposiums in their respective subjects to enrich their students. In addition, the college also coordinated program to mitigate the Corona virus pandemic. We would like to extend our gratitude to all of them.

Special thanks must be conveyed to the IQAC coordinator, who effectively organized the IQAC actions towards the NAAC accreditation, which is to happen in the near future.

We would like to conclude this report by extending our thanks and prayers to all who work in this endeavour of preparing our institution to scale new heights in all facets. May the blessings of the Holy fathers and the God always light our paths.