



THE COCHIN COLLEGE

Koovapadam, Kochi-2

Affiliated To Mahatma Gandhi University

Re-accredited by NAAC With B+ Grade



Fourth Cycle
NAAC Accreditation 2024

Criterion 1 Curricular Aspects

1.3 - Curriculum Enrichment

Metric No. 1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum.

Faculty Publication Addressing Environment and Sustainability

Submitted to



National Assessment and Accreditation Council



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KOCHI - 682 002

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Website: www.thecochoincollege.edu.in

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Faculty Publications

Sl. No	Title of Publication/ Article/ Thesis	Name of Author	Dept	ISBN/ISSN Number	Year of Publication
1	Sustainability in Business Management Practices	Dr. Kochuthresia Jose	Commerce	2395-5635	2024
2	Advancing Towards a Secure and Sustainable Energy Economy-Insights from the State Energy and Climate Index of NITI Aayog.	Dr. Sindhu K.	Economics	0976-0997	2024
3	Effectiveness in Service Delivery of Kerala Sustainable Urban Development Projects -A Study with special reference to Water Supply Services	Dr.Rekha.P.G	Commerce	2454-9916	2023
4	Wideband Circularly Polarized Metasurface Based MIMO Antenna for Midband 5G Applications.	Dr. Paulbert Thomas	Electronics	1559-8985	2023
5	Low Profile Wideband Polarization Rotation Reflective Metasurface	Dr. Paulbert Thomas	Electronics	1559-8985	2023
6	Synthesis and optical characterization of Fe doped Barium Titanate (BaTiO ₃) nanoparticles	Dr Manjusha M V	Physics	2214-7853	2023
7	SynthesisOptical Characterization and Bio Compatibility studies of gelatin based pure and doped quantum dots	Vijeesh P	Physics	1877-9468	2023
8	A Study on the Effectiveness in Service Delivery and Sustainability of Kerala Sustainable Urban Development Projects	Dr.Rekha.P.G	Commerce	2229-5518	2022
9	Four-element Compact and Dual-band MIMO Antenna with Self-decoupled Mechanism for 5G Applications.	Dr. Paulbert Thomas	Electronics	1559-8985	2022
10	A Theoretical Study on Leverage and Spillover Effects in Indian Equity ETFs	Dr Rajani B Bhat	Commerce	2582-6190	2022
11	Al ₃ Fe ₅ O ₁₂ nanoparticles loaded electrospun PVDF fibres: An inorganic-organic material with multifunctional traits	Dr Annieta Philip	Physics	1879-3312	2022





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Sl. No	Title of Publication/ Article/ Thesis	Name of Author	Department	ISBN/ISSN Number	Year of Publication
12	Removal of metal ions using Chitosan based electro spun nanofibers: A review	Veena R. Nair	Chemistry		2021
13	Applications of Chitosan Based Schiff bases and its Complexes - A Review	Veena R. Nair	Chemistry	2581-9429	2021
14	Rotula aquatica Lour. inhibits growth and biofilm formation of clinically isolated uropathogenic Escherichia coli	Jayesh Kuriakose	Biotechnology	2221-1691	2021
15	Impact of CovId-19 on Indian Stock Market	Dr Rajani B Bhat	Commerce	2582-6190	2021
16	A study on butterfly diversity in West Kochi Kerala.	Meenu Raju	Zoology	2321-0214	2021
17	BIOMAG - Community Based Solid Waste Management through Re-Cycling and Up-Cycling In an Adopted Ward Of Corporation of Kochi Kerala India.	Manju V Subramanian, Smitha N R, Vineeth Kumar T V	Zoology	2360-821X	2020
18	Isolation And Identification Of Fungi Associated With Local Fruits And Vegetables From Kochi And Mat-tancherry Market India	Manju V Subramanian, Smitha N R, Vineeth Kumar T V	Zoology	2229-3469	2020
19	Infinitely degenerate exact Ricci-flat solutions in f(R) gravity	Dr. Jose Mathew	Physics	1361-6382	2020
20	Wideband Radar Absorbing Structure Using Polyaniline-Graphene Nanocomposite.	Dr. Paulbert Thomas	Electronics	2311-5629	2020
21	Functional characterization of two novel peptides and their analogs identified from the skin secretion of Indosylvirana aurantiaca an endemic frog species of Western Ghats India.	Vineeth Kumar T.V	Zoology	1423-0445	2019
22	Identification and functional characterisation of Esculentin-2 HYba peptides and their C-terminally amidated analogs from the skin secretion of an endemic frog	Vineeth Kumar T.V	Zoology	1478-6419	2019
23	Bitcoin - A Boon to Economy or Bane to Sustainability	Dr Rajani B Bhat	Commerce	2320-4168, 2582-0729	2019





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Sl. No	Title of Publication/ Article/ Thesis	Name of Author	Department	ISBN/ISSN Number	Year of Publication
24	A 6.8 GHz Polyaniline-Graphene Antenna On FR4 Substrate.	Dr. Paulbert Thomas	Electronics	2214-7853	2019





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Books/Chapters

Sl. No	Name of Author	Dept	Title of the Book/Chapter	Calendar Year of Publication	ISBN Number of the Book	Affiliating Institute at the Time of Publication
1	Dr. Manjusha M V	Physics	A Review of Green Synthesis and Characterization Techniques for Bismuth Ferrite Nanoparticles and Their Applications	2023-24	978-3-030-76481-4	The Cochin College
2	Dr. Manjusha M V	Physics	Bismuth Ferrite/Barium Titanate (BiFeO ₃ /BaTiO ₃) Thick Films for High Energy Applications: A Review	2023-24	978-3-030-76481-4	The Cochin College
3	Dr. Manjusha M V	Physics	A Comprehensive Overview of Magnetic Energy Storage Applications of Barium Titanate Nanoparticles: A Review	2023-24	978-1-77491-785-5	The Cochin College
4	Dr. Manju V Subramanian	Zoology	A study on the effect of plant-derived extracts on the oviposition of <i>Aedes aegyptii</i>	2021	978-81-952529-1-6	The Cochin College
5	Dr. Smitha N R	Zoology	Recent Advancements and Research in Biological Sciences	2021	978-81-952529-1-6	The Cochin College
6	Sarah Santhosh	Literature	Nature and Culture: A Journey Into the Wild in Sean Penn's film 'Into the Wild'	2021	979-888521936-5	The Cochin College
7	Dr. Vineeth Kumar T V	Zoology	Ecophysiology of man	2019	9788193681831	The Cochin College
8	Dr. Vineeth Kumar T V	Zoology	Health and Nutrition	2019-20	978-81-939629-4-7	The Cochin College
9	Dr. Smitha N R	Zoology	Ecophysiology of man	2019	9788193681831	The Cochin College
10	Dr. Smitha N R	Zoology	Health and Nutrition	2019-20	978-81-939629-4-7	The Cochin College
11	Dr. Manju V Subramanian	Zoology	Health and Nutrition- PART I HEALTH EXERCISE NUTRITION	2019-20	978-81-939629-4-7	The Cochin College





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12	Jayesh kuriakose	Biotechnology	Health Benefits of Secondary Phytochemicals from Plant and Marine Sources	2020	9781771888981	The Cochin College

