

Government College Madappally

Faculty Profile

Name of Faculty	Dr SUBAIR NADUPARAMBATH
Department	Chemistry
Designation	ASSOCIATE PROFESSOR
Email ID	subairnp@gmail.com
Teaching Experience(Yrs)	18
Field of Research(if any)	NANOCOMPOSITES
Research Activities	SUPERVISOR FOR TWO RESEARCH STUDENTS
Major and Minor projects undertaken	Nil
List of publications	1. Polyaniline modified lignocellulosic fibers from sago seed shell powder for electrochemical devices. Jinitha T. V., Safna Hussan K. P., Subair N., Shaniba V., Aparna K. Balana and Purushothaman, RSC Advances 2018, 8, 34388 DOI: 10.1039/c8ra05774e 2. Transport of aromatic solvents through styrene butadiene rubber composites reinforced with modified peanut shell powder Shaniba.V, Sreejith. M.P, Aparna .K.Balan, Jinitha. T.V, Subair N, Purushothaman.E Materials Today: Proceedings 5 2018 6543–16551 https://doi.org/10.1016/j.matpr.2018.06.010 3. Chemical modification of sago seed shell powder: surface Characterization and thermal studies, T.V. Jinitha, M.P. Sreejith, Aparna K Balan , V SHANIBA Subair,E. Purushothaman, Materials Today: Proceedings 5 2018 16293–16299 , https://doi.org/10.1016/j.matpr.2018.05.122 4. Isolation and characterization of cellulose nanocrystals from sago seed shells Subair Naduparambath, Jinitha T.V., Shaniba V., Sreejith M.P., Aparna K. Balan, Purushothaman E. Carbohydrate Polymers 180 2018 13–20 http://dx.doi.org/10.1016/j.carbpol.2017.09.088 5. Development of Green Composites of Poly (Vinyl Alcohol) Reinforced with Microcrystalline Cellulose Derived from Sago Seed Shells. Subair Naduparambath, M. P. Sreejith, T. V. Jinitha, V. Shaniba, K. B. Aparna, E. Purushothaman POLYMER COMPOSITES 2017, DOI 10.1002/pc.24307 6. Coconut shell powder reinforced thermoplastic polyurethane/natural rubber blend-composites: effect of silane coupling agents on the mechanical and thermal properties of the composites Aparna K. Balan, Sreejith Mottakkunnu Parambil, Shaniba Vakayath, Jinitha Thulissery Velayudhan, Subair Naduparambath, and Purushothaman Etathil Journal of Materials Science 2017 52, 6712–6725 DOI 10.1007/s10853-017-0907-y 7. Effect of filler loading and silane modification on the biodegradability of SBR composites reinforced with peanut shell powder. V. Shaniba, Aparna K. Balan, M. P. Sreejith, T. V. Jinitha, N. Subair, and E. Purushothaman AIP Conference Proceedings 1849, 2017 020049 doi: 10.1063/1.4984196

	8. Biodegradation behavior of styrene butadiene rubber (SBR) reinforced with modified coconut shell powder M. P. Sreejith, Aparna K. Balan, V. Shaniba, T. V. Jinitha, N. Subair, and E. Purushothaman AIP Conference Proceedings 2017 1849, 020047 doi: 10.1063/1.4984194 9. Transport behavior of aromatic hydrocarbons through coconut shell powder filled thermoplastic polyurethane/natural rubber blend-composites Aparna K. Balan, M. P. Sreejith, V. Shaniba, T. V. Jinitha, N. Subair, and E. Purushothaman AIP Conference Proceedings 2017 1849, 020046 doi: 10.1063/1.4984193 10. Sago seed shell: determination of the composition and isolation of microcrystalline cellulose MCC Subair Naduparambath . E. Purushothaman Cellulose (2016) 23: 1803–1812 DOI 10.1007/s10570-016-0904-3 11. T M Anjana, E Manoj, C M Naseera, F M Liyakath, Ajmal Thayyullathil, Subair Naduparambath, S R Sheeja, M R Prathapachandra Kurup – “Photophysical Properties, DFT Calculations and DNA binding studies of a series of deep blue emitting cerium(III) complexes” – Journal of Molecular Structure, 1327 (2025) 141186. 12. Ajmal Thayyullathil, C M Naseera, F M Liyakath, E K Vydhehi, S R Sheeja, Subair Naduparambath & Swetha Sasidharan – “Effect of Temperature and Method of Synthesis on Morphology and Phase Transition of Amorphous and Crystalline Nano Silica Extracted from Mission Grass (Pennisetum Polystachion)” - Silicon, Springer, Volume 16, 3491-3501(2024).		
Administrative responsibilities	1. Member, P G Board of Studies (University of Calicut 2. R T I OFFICER 3. H O D OF THE DEPT. 4. MEMBOR PURCHASE COMMITTEE		
Students related activities	Guide for both PG and UG projects		
Books published	ONE BOOK CHAPTER		
Awards/Honours	Nil		
Countries visited			
Address for correspondence (with pin code)	‘KUNIYIL HOUSE , CHANGARAMKULAM , KAYAKKODI (P O) , 673508		
Academic qualifications			
Name of Degree	Name of Board/University	Year of passing	Subject
Graduation	University of Calicut	1995	Chemistry
Post graduation	University of Calicut	1998	Chemistry
M. Phil	Nil		
Ph. D	University of Calicut	2018	Chemistry
CSIR-UGC-NET-Lectureship	UGC	2000	Chemical sciences
B Ed	NIL		