

**PROVIDENCE WOMEN'S COLLEGE - KOZHIKODE**

Sl.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	UGC Care list/Scopus/ Web of Science/	Screenshots of Research Articles
1	Anion Exchange Reaction of CsPbBr <sub>3</sub> Perovskite Nanocrystals: Affinity of Halide Ion Matters	P. Divya, G. Anagha, Bijoy Nharangatt, Raghu Chatanathodi, H. Sabrin, N. Nourin, K. H. Fausia, K. Padmakumar, <b>Deepthi Jose</b> , and K. Sandeep	Chemistry	Chemistry select	2021-22	2365-6549	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
2	Biomass-derived inherently doped multifunctional hierarchically porous carbon as an efficient electrode material for high-performance supercapacitors	<b>Reshma Chulliyote</b> , Haritha Hareendrakrishnakumar, Sreekala Kunhi Kannan, Mary Gladis Joseph	Chemistry	Journal of Porous Materials	2021-22	1380-2224	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
3	On the recent negative relationship between Arctic Oscillation and Indian summer monsoon	<b>M Sandhya</b> , S.Sridharan	Physics	Journal of Atmospheric and Solar and Terrestrial Physics	2021-22	1364-6826	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
4	Influence of southern hemispheric upper troposphere potential vorticity intrusion events on the south west monsoon rainfall.	<b>M Sandhya</b> , S Sridharan	Physics	Journal of Earth System Science	2021-22	0253-4126	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>

5	Eroding Colonial Legitimacy Through Mass Mobilization: A Critique of Gandhi's Political Strategy	<b>Dr. Laina P.</b>	History	Proceedings of the South Indian History Congress	2021-22	2229-3671	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
6	Mob Lynchings on the Rise: The Unabated Fear and Violence that Haunts India Today	<b>Dr. Priyadarsini P</b>	History	Proceedings of the South Indian History Congress	2021-22	2229-3671	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
7	The co-adsorption of thymohydroquinone dimethyl ether (THQ) and coumarin present in the aqueous extract of Ayapana triplinervis on mild steel and its protection in hydrochloric acid up to 323 K: computational and physicochemical studies	Jeeja Rani AT, <b>Asha Thomas</b> , Mathew Kuruvilla, Muhammed Arshada and Abraham Joseph ,	Chemistry	RSC Advances	2021-22	2046-2069	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
8	Anatomical elucidation of damage induced by tetranychus adre (acar:tetranychidae)on cassava leaves	<b>Dr. Sangeetha. G.Kaimal</b>	Zoology	UttarPradesh journal of Zoology	2021-22	0256-971X	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
9	Distribution patterns of soil mite (Acari: Oribatida) communities in Mukurthi,National Park, Tamil Nadu, India	Salahudeen M, Gunasekaran C, Rajasekar P, <b>Julie E</b> , Mohamed Ashik M	Zoology	International Journal of Entomology Research	2021-22	2455-4758	yes/web of science	<a href="https://naac.prov">https://naac.prov</a>

10	MnO <sub>2</sub> /CoO electrode for supercapacitor: Synthesis and electrochemical performance	Ann Sandra Sebastian, <b>A.Sobha</b> , Sumangala R	Physics	Materials today	2021-22	2214-7853	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
11	Enhanced charge transfer in ELDC capacitors: PEDOT: PSS BaTiO <sub>3</sub> composite separator and activated carbon electrode	Esabel Mariya James, <b>A.Sobha</b> , Sumangala R	Physics	Materials today	2021-22	2214-7853	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
12	Enhanced nonlinear absorptive behaviour of phenylcalix[4]resorcinarene-graphene oxide nanocomposite	<b>Siji A.J</b> , Simi P.K, Raman Namboodiri C.K, Chandrasekharan K	Physics	Optical Materials	2021-22	0925-3467	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
13	Extended protection of mild steel in molar HCl using the Garcinia Indica fruit rind extract (GIW) and iodide ions; electrochemical, thermodynamic and kinetic studies	<b>Asha Thomas</b> , Jeeja Rani AT, Abraham Joseph	Chemistry	Journal of the Indian Chemical Society	2021-22	0019-4522	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>

14	The influence of aqueous and alcoholic extracts of Garcinia Cambogia fruit rind in the management of mild steel corrosion in hydrochloric acid: theoretical and electroanalytical studies	Jeeja Rani AT, <b>Asha Thomas</b> , Muhammed Arshad, Abraham Joseph	Chemistry	Journal of Molecular Liquids	2021-22	0167-7322	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
15	Attitudinal change towards organic farming:Qualitative analysis on the recent trends in agriculture	Dr,Buju Joseph, <b>Gopika Unni</b>	Economics	Towards excellence	2021-22	0974-035X	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
16	Life table parameters of Tetranychus ludeni Zacher (Acari: Tetranychidae) on Amaranthus tricolor L.	K.P. Betty, <b>Sangeetha.G.Kaimal</b>	Zoology	Uttar Pradesh Journal of Zoology	2021-22	0256-971X	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
17	The feminisation of youth : Rahman's stardom in Malayalam cinema of the 1980's	<b>Dr. Aparna Nandakumar</b>	English	South Asian popular culture	2021-22	1474-6689	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
18	Impact of spider mite feeding on vegetable crops, Journal of Advanced Applied Scientific Research	<b>Sangeetha G.Kaimal</b>	Zoology	Journal of Advanced Applied Scientific Research,	2020-21	2454-3225	yes/web of science	<a href="https://naac.prov">https://naac.prov</a>

19	Inhibition of mild steel corrosion in HCl using aqueous and alcoholic extracts of <i>Crotalaria Pallida</i> – A combination of experimental, simulation and theoretical studies	A.T.Jeeja Rani, <b>Asha Thomas</b> , Abraham Joseph	Chemistry	Journal of Molecular Liquids	2020-21	0167-7322	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
20	Morphological, physiological and biochemical responses of feeding by cassava spider mite.	<b>Sangeetha.G.Kaimal</b>	Zoology	Journal of Experimental Zoology, India	2020-21	0972-0030	yes/web of science	<a href="https://naac.prov">https://naac.prov</a>
21	The Medical Divide: A Postcolonial Critique of Iniquities in Access to Healthcare	<b>Bindu Amat</b>	English	International Journal of Psychosocial Rehabilitation	2020-21	1475-7192	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
22	പുരോഗമന സാഹിത്യത്തിന്റെ സ്വാധീനം മലയാള സാഹിത്യത്തിൽ	<b>Dr.S.Sreekumari</b>	Malayalam	Chengazhi	2020-21	2581-9585	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
23	Rebels for Every Cause: Mythologies of Youth in Contemporary India	<b>Dr. Aparna Nandakumar</b>	English	Studies in South Asian Film and Media	2020-21	1756-4921	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>

24	A green approach to corrosion inhibition of mild steel in hydrochloric acid using fruit rind extract of <i>Garcinia indica</i> (Binda)	<b>Asha Thomas, M.</b> Prajila, K. M. Shainy, Abraham Joseph	Chemistry	Journal of Molecular Liquids	2020-21	0167-7322	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
25	Effect of saq training on selected psychomotor and game skills variables among basketball players	<b>Sangeetha.K</b> and K.Kannadasan	Physical Education	journal of Xi'an Shiyou University	2020-21	1673-064x	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
26	Realisation of Investors on Portfolio construction	<b>Shaswati T</b>	Commerce	Thematics Journal of Geography	2019-20	2277-2995	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
27	<i>In vitro</i> seed germination and plantlet regeneration of <i>Vanilla siamensis</i> .	Chaipanich V. V., Roberts D. L., Yenchon S., Sompong T. C., <b>Divakaran M.</b>	Botany	Science Asia	2019-20	1513-1874	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
28	A comprehensive study of mild steel corrosion in the aggressive acidic environment using CMPPC, a substituted pyrazole derivative	<b>Asha Thomas, P.</b> Rugmini Ammal, Abraham Joseph	Chemistry	Chemical Papers	2019-20	2585-7290	yes/web of science	<a href="https://naac.prov">https://naac.prov</a>
29	Chlorophyll <i>a</i> fluorescence parameters as indicators of a particular abiotic stress in rice	FaseelaP, <b>Sinisha A K</b> , Brestic M and Puthur J T	Botany	Photosynthetica	2019-20	1573-9058	yes/web of science	<a href="https://naac.prov">https://naac.prov</a>
30	Optical characterisation of cadmium doped Fe <sub>3</sub> O <sub>4</sub> ferrofluids by co-precipitation method	Reshmi Venugopal,Dhanyapraa bha KC, Hysen Thomas, <b>R. Sini</b>	Physics	Material Today	2019-20	2214-7853	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>

31	Analysis of genetic variation in <i>Celastrus paniculatus</i> Willd. among different populations of Southern Western Ghats	Saranya Babu Jayaprakash C M, Minoo Divakaran, Madhusoodan PV	Botany	Research & Reviews: A Journal of Life Sciences (RRJoLS) 9 (2) : 63-70	2019-20	2348-9545	Yes/ugc care listed in 2019	<a href="https://naac.prov">https://naac.prov</a>
32	Development of cryopreservation protocol for <i>Vanilla siamensis</i> : an endangered orchid species in Thailand.	Vinan Vince C, David L R, Sureerat Y, Sompong T and <b>Minoo Divakaran</b>	Botany	CryoLetters	2019-20	0143-2044	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
33	Synergistic interaction of 2-amino 4-methyl benzothiazole (AMBT) and benzotriazole (BTZ) offers excellent protection to mild steel exposed in acid atmosphere at elevated temperatures: Electrochemical, computational and surface studies,	K.M. Shainy, Anupama R. Prasad, <b>Asha Thomas</b> , Abraham Joseph,	Chemistry	Egyptian Journal of Petroleum,	2018-19	1110-0621	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
34	$\rho$ -meson spectral function in hot asymmetric nuclear matter	<b>P.C. Raje Bhageerathi</b>	Physics	European physical journal A	2018-19	1434-601X	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>

35	Evaluation of cytotoxicity and genotoxicity of rhizome extract of <i>H. coronarium</i> using <i>Allium</i> test.	<b>Pilty peter.A</b> and Jismine Mathew	Botany	Journal of Emerging Technologies and Innovative Research .6 267-273	2018-19	2349-5162	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
36	Establishing the Spectral Turnover of Blazar PKS 2155-304 as an Outcome of Radiative Losses	Sitha K. Jagan,S. Sahayanathan, R. Misra, C. D. Ravikumar, <b>K. Jeena</b>	physics	Monthly notices of royal astronomical society	2018-19	1745-3925	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
37	Sacred Geography evident from the Theyyam Myths	<b>Dr. Susmitha Ramakrishnan</b>	History	Proceedings of the South Indian History Congress	2017-18	2229-3671	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
38	Locating the Dislocated : An Analysis of the Migrant Labour Influx and its Repercussions in Kozhikode	<b>Dr. Priyadarsini P</b>	History	Proceedings of the South Indian History Congress	2017-18	2229-3671	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>
39	Development of Passive Film and Enhancement of Corrosion Protection of Mild Steel Exposed in Hydrochloric Acid due to the Adsorption of Water Dispersed 4- [(E)-(3,4-Dihydroxybenzylidene)amino]-6-Methyl-3-Mercapto-1,2,4-Triazin-5(4H)- one(DHMMT),	M. Prajila, <b>Asha Thomas</b> , Abraham Joseph,	Chemistry	Journal of Bio and Tribo corrosion	2017-18	2198-4220	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>

40	Reactions of Huisgen Zwitterions with Diphenyl Cyclopropanone: A Novel Strategy for the Synthesis of Oxazinone Derivatives.	R. DivyaMohan and <b>Anu Jose.</b>	Chemistry	Asian Journal of chemistry	2017-18	0970-7077	yes/scopus	<a href="https://naac.prov">https://naac.prov</a>
41	<i>In vitro</i> conservation and propagation of the endemic species of “floating hearts” ( <i>Nymphoides krishnakesara</i> Joseph and Sivar. - Menyanthaceae) as a conservation strategy.	Swetha Thilak T , Anusree P , Saranya Babu Jayaprakash CM , Smitha RB, <b>Minoo Divakaran</b> , Madhusoodanan , Prakashkmar R	Botany	Journal of Applied Biology and Biotechnology	2017-18	2455-7005	yes/ugc care listed	<a href="https://naac.prov">https://naac.prov</a>