

FACULTY PROFILE
DEPARTMENT OF PHYSICS

**I. Personal Details:**

- a. Name : SOUMYA M S
- b. Designation : ASSISTANT PROFESSOR
- c. Date of joining : 27 JUNE 2019
- d. Course taught : UG
- e. Area of specialization : SPACE WEATHER
- f. Address with Phone No.

Permanent Address	Present Address
USHUS, NAGAROOOR P O, KILIMANOOR, THIRUVANANTHAPURAM 9496404770	USHUS, NAGAROOORPO, KILIMANOOR, THIRUVANANTHAPURAM 9496404770

II. Academic Qualifications:

From P.G Level

Sl. No	Course	Institution	University	Year of passing
1.	MSc Physics	Baselious College, kottayam	M.G universit	2004
2				
2				

III. Achievements and Awards:

No	Title of the award	Field	Sponsored by	International/ National/Regional	Year & Month
1					

IV. Research Projects: Nil**(a) Completed:**

Sl.No.	Title of the Project	Duration	Consultancy/Funding Agency
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(b) Ongoing:

Sl.No.	Title of the Project	Duration	Consultancy/Funding Agency
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V. List of publications in research journal and other magazines (last 5 years) in chronological order i.e from latest to the older:

Sl.No.	Title of the Publication	Name of Journal	ISSN/ISBN No.	Year of Publishing
1.	A study on variations of complexity quantifiers over mid-latitude ionosphere during quiet/storm time periods.	AIP Conference Proceedings 2379. 020006;	https://doi.org/10.1063/5.0058297	2021
2	A study on seasonal and latitudinal variations of Fresnel frequency and drift velocity of amplitude scintillation over Indian sector.	AIP Conference Proceedings 2379.020005;	https://doi.org/10.1063/5.0058299	2021

VI. Details of presentations in academic seminar & workshops (last five years):

Sl.No	Title of the Paper presented	Theme of the conference/Seminar	Organized By	Whether Int.Ntnl/Ntnl/state/Colleges/University	Date/Duration
1.	"A study on quiet time-storm time responses of Japanese midlatitudes sector using wavelet analysis"	15th Quadrennial Solar-Terrestrial Physics (STP-15) symposium	Indian Institute of Geomagnetism.	International	21-25 February 2022
2.	"Geomagnetic responses of midlatitudes Ionospheric sector -a case study using Wavelet analysis"	International Conference on Advances and Applications in Physical Science-2022 (ICAAP-2022)	IQAC and PG & Research Department of Physics, NSS Hindu college ,Changanacherry	International conference	March 7th-March 11th 2022.
3	A study on variations of complexity quantifiers over midlatitude ionosphere during quiettime/storm time periods	ICRTTAP	SN College, kollam	International conference	14-16 dec2020

4	A study on complexity dissimilarity between storm time quiet time magneetosphere	ROWS 2020	Dept of Optoelectronics, University of Kerala	International conference	30 Nov2020
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VII. No. of Ph.D Produced: Nil

Sl. No	Name of the Research Scholar	Title	Year	Specify in SSUS/Other University

VIII. No. of M.Phil/Ph.D Students at present:

Sl. No	Name of the Research Scholar	Title	Year of Admission	Specify M.Phil/Ph.D	Specify in SSUS/Other University
1.					

Other information (Membership in academic bodies/professional bodies in Colleges, Universities, Other Govt. Institutions):

Sl.No.	Board	Name of the Authority	Period
1	Syndicate		
2	Senate		
3	Academic Council		
4	Faculty		
5	Board of Studies		
6	Research/Doctoral Committee		
7	NSS/NCC		
8	Others (Specify)		

X. Any other relevant details (specify):**Books Published****NB: Enclose the proof of item I c and II - IX**