NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
KALIYAKKAVILAI

FACULTY PROFILE

<table>
<tr><td>Name</td><td>Dr. BIDHU S S</td></tr>
<tr><td>Department</td><td>PHYSICS</td></tr>
<tr><td>Designation</td><td>Assistant Professor</td></tr>
<tr><td>Address</td><td>C C BHAVAN, KANJIVILA,
IRUMPIL, NEYYATTINKARA P O
Pin: 695121</td></tr>
<tr><td>Telephone Number(s)</td><td>8547042582</td></tr>
<tr><td>Email Id(s)</td><td>bidhuss@gmail.com</td></tr>
<tr><td>Academic Qualifications (with Name of Degree awarding university)</td><td>
<table>
<tr><th>Sl.No.</th><th>Course/ qualification</th><th>Board/ University</th><th>Year</th><th>Percentage</th></tr>
<tr><td>1</td><td>MSc (Physics)</td><td>M.S University, Tirunelveli</td><td>2011</td><td>72</td></tr>
<tr><td>2</td><td>M.Phil (Physics)</td><td>M.S University, Tirunelveli</td><td>2013</td><td>64</td></tr>
<tr><td>3</td><td>Ph.D (Physics)</td><td>M.S University, Tirunelveli</td><td>2019</td><td></td></tr>
</table>
BSc (Physics) -
- Kerala University, Kerala
-
- M.S University, Tirunelveli
- M.S University, Tirunelveli
</td></tr>
<tr><td>Teaching Experience</td><td>
<table>
<tr><th></th><th>Years of Service</th><th>Institution</th></tr>
<tr><td>UG</td><td></td><td></td></tr>
<tr><td>PG</td><td></td><td></td></tr>
<tr><td>UG & PG</td><td>4/12/2019 to still this day</td><td>Nanjil Catholic college of arts and science, Kaliyakkavilai</td></tr>
</table>
</td></tr>
<tr><td>Specialization</td><td>ASTROPHYSICS</td></tr>
</table>

<table>
<tr><td rowspan="7">Publications/ Participation in Seminars/ Conferences etc</td><td></td><td>International</td><td>National</td></tr>
<tr><td>No. of Research Papers in Journals</td><td>14</td><td>2</td></tr>
<tr><td>No. of Publications in Conference Proceedings</td><td>2</td><td>2</td></tr>
<tr><td>No. of seminars Participated in</td><td>4</td><td>7</td></tr>
<tr><td>No. of Webinars Participated in</td><td>17</td><td>36</td></tr>
<tr><td>No. of FDP Participated in</td><td>-</td><td>10</td></tr>
<tr><td>No. of Workshop Participated in</td><td>-</td><td>1</td></tr>
<tr><td>Projects</td><td colspan="3"></td></tr>
<tr><td rowspan="2">Details of Research Supervision</td><td>On going</td><td colspan="2">Completed</td></tr>
<tr><td></td><td colspan="2"></td></tr>
<tr><td>Honours and Awards</td><td colspan="3"></td></tr>
<tr><td>Posts held</td><td colspan="3"></td></tr>
<tr><td>Any other Information</td><td colspan="3"></td></tr>
</table>

List of Publications:

1. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"Coronal Mass Ejectionsin Solar Cycle 24", Journal of Applied Science and Engineering Methodologies,Volume.2, No.3, (2016): Page.326-329
2. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"Polar and ecliptic solarwind during solar maximum", Elixir Space Science, 104 (2017)45880- 45883.
3. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"Solar wind Parameters Interdependences During Solar Maxima", Journal of Pure Applied and IndustrialPhysics, Vol.7(3), 101-106, March 2017
4. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"CME Speed and AngularWidth Distributions During 23 and 24 Solar Cycle Maximum", Journal of SpaceExploration, Spi Issue, Volume 6 Iss1,May 22, 2017
5. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"Solar Wind Periodicities in24 Solar Maximum", IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG), Volume 5, Issue 4 Ver. II (Jul. Aug. 2017), PP 68-73
6. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"Relation Between SolarWind Parameters and Sunspot in Recent Solar Maxima", International Journal of Scientific Research in Science and Technology, Vol.7(3), September −October 2017, pp 898−900.
7. Bidhu S.S, A Iren Sobia and A Dickson Benjamin,"Solar Wind Periodicitiesin 23 Solar Maximum", International Journal for Research in Applied Scienceand Engineering Technology,

Volume 5, Issue 11,November 2017 pp 501-506
8. Bidhu S.S and A Iren Sobia," Solar radial variations of solar wind parameters" International Journal of Research and Analytical Reviews(IJRAR),2018,Vol. 5, Issue 4,PP 137-140
9. Bidhu S.S and A Iren Sobia, "Ulysses Observation of Slow Solar Wind" International Journal of Scientific Research and Reviews, 2019, March, Vol.8(1), pp.1970-1979
10. Bidhu S.S and A Iren Sobia, "Linear speed of cmes in recent solar maxima", Journal of Emerging Technologies and Innovative Research, 2019 March, Volume. Issue 3 pp 159-165
11. A Iren Sobia, Bidhu S.S and A Dickson Benjamin,"Fluctuations of solar windparameters during polar reversal", American Journal of Astronomy and Astrophysics, 2015; 3(3): 56-62
12. A Iren Sobia, Bidhu S.S and A Dickson Benjamin, "Solar Cycle 23 Observed byUlysses and ACE",International Journal of Research and Innovations in EarthScience,Volume 4, Issue 2, pp 237-42
13. A Iren Sobia, Bidhu S.S and A Dickson Benjamin, "Slow solar wind in differentphases of solar cycle as observed by Ulysses",International Journal of ScientificResearch in Science and Technology, Vol.7(3), September − October 2017, pp901−910.
14. A Iren Sobia, Bidhu S.S, A Dickson Benjamin and AudlinenJini.M.N, "Periodic variations of interplanetary magnetic field in different phases of solar cycle23 ", Internation Journal for Science and Advance Research In Technology, Vol.3(11), November 2017