



| <b>Personal Profile</b>        |  | <br>PHOTO |
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| NAME                           | SANTU DEY  |   |
| ADDRESS with Email             | VILL+PO: SUBHASGRAM<br>DIST:SOUTH 24 PARGANAS<br>PS: SONARPUR<br>KOL:700147<br>Email: santu.mathju@gmail.com   |   |
| Highest qualification          | Ph.D   |   |
| TEACHING EXPERIENCE            | 3 years  |   |
| TOPICS TAUGHT                  | Linear Algebra, Abstract Algebra, Differential Calculus, Differential Equations(ODE+PDE), Advanced Real Analysis, Complex Analysis, Vector Analysis, Analytic Geometry, Differential Geometry, Discrete Mathematics, Numerical Analysis.   |   |
| RESEARCH EXPERIENCE            | 5 years  |   |
| RESEARCH AREA                  | Differential Geometry specially Contact and Complex manifolds, Ricci solitons and Submanifolds on differentiable manifolds and Computational Geometry.   |   |
| Award and Recognition (if any) | <ol style="list-style-type: none"> <li>1. All Travel &amp; Accommodation Grant Funded by CIMI, France for attending International Thematic School at IMT Toulouse, FRANCE during Jun' 26-Jul' 14, 2017.</li> <li>2. Qualified <b>National Eligibility Test (CSIR-UGC NET)</b> in June, 2016.</li> <li>3. Recipient of "<b>DST-INSPIRE- FELLOWSHIP</b>", conducted by DST, Govt. of India from 2014 to 2019.</li> <li>4. Recipient of "<b>DST-INSPIRE (SHE) SCHOLARSHIPS</b>" conducted by DST, Govt. of India from 2007 to 2011.</li> <li>5. Selected for "Science Academies' Summer Research Fellowship" conducted by Indian Academy of Sciences, Bangalore in 2011.</li> <li>6. Ranked among the first five top scorers in University .</li> <li>7. Secured 2nd position in Secondary and Higher Secondary Examination in School.</li> </ol> |   |
| Membership (if any)            | <ol style="list-style-type: none"> <li>1. Life time member of Indian Mathematical Society.</li> <li>2. Life time member of Calcutta Mathematical Society.</li> <li>3. Life time member of Tensor Society, India.</li> </ol>  |   |
| Other activity (if any)        |  Edit with WPS Office   |   |

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| <p>List of Publications<br/>(chronological order-<br/>latest to oldest)<br/>(books, book<br/>chapters, journal and<br/>conference<br/>publications)</p> | <ol style="list-style-type: none"> <li>1. <b>Santu Dey</b>(with Sampa Pahan), "Warped products semi-slant and pointwise semi-slant submanifolds on Kaehler manifolds", <b>Journal of Geometry and Physics(Elsevier), Volume-155, September (2020), 103760.</b></li> <li>2. <b>Santu Dey</b> (with Sampa Pahan and Buddhadev Pal), On a non-flat Riemannian warped product manifold with respect to quarter-symmetric connection, <b>Acta Univ. Sapientiae, Mathematica, Vol -11(2), 2019, P:332-349.</b></li> <li>3. <b>Santu Dey</b>(with Buddhadev Pal and Arindam Bhattacharyya), "A non-flat Riemannian manifold admitting certain vectors fields", <b>Journal of Dynamical Systems and Geometric Theories(Taylor and Francis), 17(2), 2019,P: 221-237.</b></li> <li>4. <b>Santu Dey</b>(with Buddhadev Pal and Arindam Bhattacharyya), "Regularization of Heptahedra Using Geometric Element Trasformation Method", <b>European Journal of Pure and Applied Mathematics, Volume 11, Number 1(2018), P:315-330.</b></li> <li>5. <b>Santu Dey</b>(with Shouvik Datta Choudhury and Arindam Bhattacharyya), "Homology of a Type of Octahedron", <b>International Journal of Mathematical Combinatorics. Vol.1(2018), P: 68-74</b></li> <li>6. <b>Santu Dey</b>(with Arindam Bhattacharyya), "Conformal Mappings of Mixed Generalized Quasi-Einstein Manifolds Admitting Special Vector Fields" in <b>Extracta Mathematicae, Vol. 32, No.2, P:255 – 273 (2017).</b></li> <li>7. <b>Santu Dey</b>(with Arindam Bhattacharyya), "On <math>N(k)</math>-Mixed Super Quasi Einstein Manifolds Satisfying Some Conditions", <b>Acta Mathematica Academiae Paedagogicae Nyiregyháziensis, Vol-33(2)(2017), P:291-304.</b></li> <li>8. <b>Santu Dey</b>(with Buddhadev Pal and Arindam Bhattacharyya), " Homology of a type of Heptahedron" , <b>Journal of the Calcutta Mathematical Society, vol-13(1) P: 35-40(2017).</b></li> <li>9. <b>Santu Dey</b>(with Buddhadev Pal and Arindam Bhattacharyya), "Some classes of Lorentzian <math>\alpha</math>-Sasakian Manifolds with Respect to Quarter-symmetric Metric Connection", <b>Tbilisi Journal of Mathematics, vol-10(4),(2016),P:1-16.</b></li> <li>10. <b>Santu Dey</b>(with Buddhadev Pal and Arindam Bhattacharyya),"On Some Classes of Mixed-Super Quasi-Einstein Manifolds", <b>Acta Univ. Sapientiae, Mathematica, Vol-8, Issue-1, (2016), P: 32-52.</b></li> <li>11. <b>Santu Dey</b>(with Arindam Bhattacharyya), "Some Curvature Properties of Lorentzian <math>\alpha</math>-Sasakian Manifolds", <b>Journal of Dynamical System &amp; Geometric Theories, (Taylor and Francis) Vol-14, Issue-1(2016), P: 85-98.</b></li> <li>12. <b>Santu Dey</b>(with Arindam Bhattacharyya), "On <math>\varphi</math>-pseudo symmetric LP-Sasakian manifolds with respect to quarter-symmetric non-metric connections", <b>Acta et Commentationes Universitatis Tartuensisde Mathematica, Volume 20, Number 2, December 2016, P:151-164.</b></li> <li>13. <b>Santu Dey</b>(with Buddhadev Pal and Arindam Bhattacharyya), "Spherical Chains Inside a Spherical Segment", <b>International Journal of Mathematical Combinatorics, Vol-4(2016), 153-159.</b></li> </ol> |
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