**CURRICULUM VITAE:**

**Full name of the faculty member:** Sadananda Nayak

**Designation:** Assistant Professor

**Department:** Statistics

**Nationality:** Indian

**Gender:** Male

**Marital Status:** Married

**Address (Residential):**

**Present Address:** **Permanent Address:**

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**Academic Qualification:**

**(School):** Pabra High School & Maliara Rajanarayana High School

**B,Sc (Honours) in Statistics (2003):** (From the University of Burdwan)

(Name of the College: TDB College, Raniganj)

**M.Sc in Statistics (2005):** (From the University of Burdwan)

**Ph,D in Statistics(2015):** (From the University of Burdwan)

(**Title of the Thesis:** Bound-based Reliability Approximation for Some Engineering Items under the Stress-Strength Model)

**Positions held/holding:**

i) From 27th September 2008 to 8th August 2019 at Ramakrishna Mission Vidyabhavan, Paschim Midnapore, W.B. as an Assistant Teacher in Statistics.

ii) From 9th August to till date as an Assistant Professor & Head, Department of Statistics, Rabindra Mahavidyalaya, Champadanga, Hooghly, W.B.

**Research Interest:** Reliability Estimation, Probability Distribution &Stochastic Process

**Published Papers:**

[1]Nayak, S. (2011): Reliability approximation for an engineering item under a Weibull framework, Journal of Management Research in Emerging Economics, 1 (2), 70 - 80.

[2]Nayak, S. and Roy, D. (2012): A bound based reliability approximation for a complex system, Journal of Statistics and Application, 7(1), 29 - 40.

[3]Nayak, S. and Roy, D. (2012): Reliability approximation for a complex system under the stress-strength model, International Journal of Reliability and Application, 13 (2), 71-80.

[4]Nayak, S. (2013): Reliability approximation for a hollow rectangular tube under the Weibull and Rayleigh set up, Indian Association for Productivity Quality and Reliability, 38(1), 19 – 28.

[5]Nayak, S. (2014): An approximation approach for evaluating reliability of resistor under stress-strength model, Indian Association for Productivity Quality and Reliability, 39 (2), 121-131.

[6]Nayak, S. Seal, B. and Roy, D. (2014): Reliability approximation for solid shaft under Gamma setup, Journal of Reliability and Statistical Studies, 7 (1), 11 – 17.

[7]Nayak, S. Seal, B. (2015): Reliability for solid-shaft under the Weibull set up and stress strength model, Mathematics in Engineering, Science and Aerospace

[8]Nayak, S. and Roy, D. (2015): Approach of reliability approximation with extent of error for a resistor under Weibull setup, Journal of Statistical Theory and Application, 14 (2), 281-288,

[9] Nayak, S. and Seal, B. (2016): Reliability computation technique for ball bearing under the stress-strength model, International Journal of Reliability and Application, Vol. 17, No. 1, pp. 49-61, 2016

**Paper Presentation at Research oriented Seminar and Conferences:**

i) Young Statistician Meet - An International Conference, organized by Department of Statistics, Burdwan University (December 24-25, 2012)

ii) National Conference on Application of Statistics in Industry and Planning, organized by department of Statistics, Visva-Bharati, Santiniketan in collaboration with Calcutta Statistical Association,(February 25-27, 2012)

iii) 21st West Bengal State Science and Technology Congress organized by the University of Burdwan and West Bengal State Science Technology Council and Department, Govt. of West Bengal (February 20-21, 2014)

**Award:**

Secured second position in the event Poster Session during 24-25 December, 2012 in Young Statistician Meet - An International Conference, organized by Department of Statistics, Burdwan University.