RESUME

DR. PALASH SAHOO

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Department of Mathematics
Calcutta Institute of Technology
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OBJECTIVE:

To be a successful teacher and researcher.

TEACHING EXPERIENCES: 08 years

Institution	Status	Duration
Calcutta Institute of Technology, Banitabla, Uluberia, Howrah-711316.	Assistant Professor	March 07, 2014 to till date

SUBJECTS TAUGHTS:

1. Engineering Mathematics –I,IIA, IIB, III, IV (B.Tech)

2. Numerical and Statistical Methods (B.Tech, MCA)

EDUCATIONAL QUALIFICATIONS:

Name of the Examination	Name of Institution/School	University/ Board	Year of passing
Ph.D	National Institute of Technology, Durgapur	National Institute of Technology ,Durgapur	2022
Masters in Science	National Institute of Technology, Rourkela	National Institute of Technology ,Rourkela	2011
Bachelors in Science	P.K.College, Contai	Vidyasagar University	2009
Higher Secondary	KeshiaryHigh School, Paschim medinipur	WBCHSE	2003
Madhyamik	Laudaha V.A.S.T.Vidyapith, Paschim medinipur	WBBSE	2001

PUBLICATIONS:

The list of Published Papers:

1. **P. Sahoo**, D. K. Jana, S. Pramanik, G. Panigrahi, Implement an uncertain vector approach to solve entropy-based four-dimensional transportation problems with discounted costs, International Journal of Machine Learning and Cybernetics, (2022), https://doi.org/10.1007/s13042- 021-01457-8 **(Springer) Impact factor 4.012.**

2. **P. Sahoo**, D. K. Jana, S. Pramanik, G. Panigrahi, Uncertain four-dimensional multi-objective multi-item transportation models via GP technique, Soft Computing, (2020), 24:17291–17307 **(Springer) Impact factor 3.643.**

3. D. K. Jana, S. Pramanik, **P. Sahoo**, A. Mukherjee, Interval type-2 fuzzy logic and its application to occupational safety risk performance in industries, Soft Computing, (2017) 23:557-567 **(Springer) Impact factor 3.643.**

4. D. K. Jana, **P. Sahoo**, L. T. Koczy, Comparative study on credibility measures of type-2 and type-1 fuzzy variables and their application to a multi-objective profit transportation problem via goal programming, International Journal of Transportation Science and Technology, (2017) 6:110-126 **(Elsevier), (Scopus).**

5. **P. Sahoo**, D. K. Jana, S. Pramanik, G. Panigrahi, A novel type-2 uncertain normal critical value reduction method for 4D profit transportation problems considering

damageable and substitute items, International Journal of Applied and Computational Mathematics, (2021) 123:1-30 **(Springer), (Scopus).**

6. **P. Sahoo**, D. K. Jana, G. Panigrahi, Interval Type-2 Fuzzy Logic and Its Application to Profit Maximization Solid Transportation Problem in Mustard Oil Industry, Recent Advances in Intelligent Information Systems and Applied Mathematics, Conference proceedings ICITAM 2019 (2020), 863:18-29 **(Springer), (Scopus).**

7. S. Saha Ray, **P. Sahoo**, Monitoring of network traffic based on queuing theory, ARPN Journal of Science and Technology, (2011) 1: 1-10.

The list of Communicated Papers:

1. The affect of pandemic COVID 19 on uncertain supply chain model with risk and visibility via Expected Value and Chance Constraint techniques, **Soft Computing (R2).**

2. An uncertain matrix approach to solve multi-objective four-dimensional transportation problem with weight and volume capacity, **Progress in Artificial Intelligence.**

Attended National / International Conferences:

1. Participated in a 40-hour online Faculty Development programme "Optimization Techniques in ML and AI" organized by E & ICT Academy, NIT Warangal and Haldia Institute of Technology, Haldia, India.

2. Participated in three days international webinar conference FIWC-UTDM-2020 organized by Haldia Institute of Technology, Haldia, India in collaboration with Moulana Abul Kalam Azad University of Technology, West Bengal, India.

3. Presented "A fuzzy goal programming technique for multi-objective profit transportation problem" in 3rd International Conference on Engineering Mathematics and Computing, February 05-07, 2020, Haldia, West Bengal, India.

4. Presented "Interval type-2 fuzzy logic and its application to profit maximization solid transportation problem in mustard oil industry" in 2nd International Conference on Information Technology and applied Mathematics, March 07-09, 2019, Haldia, West Bengal, India.

5. Participated in the International Conference on Information Technology and applied Mathematics, October 30-November 01, 2017, Haldia, West Bengal, India.

6. Participated in the National Seminar on "Advanced level of Mathematical Science" organized by department of Mathematics, February 09-10, 2017, Raja N.L. Khan Womens College & Chandrakona Vidyasagar Mahavidyalaya, West Bengal, India.

7. Participated at the one day workshop on Inellectual property rights on 12th September, 2014 organized by Patent information Centre, WBSCST, DST, Govt. of W.B.

OTHER ACADEMIC / ADMINISTRATIVE EXPERIENCES :

- ♦ IPR Activity Co-ordinator of Institute Innovation Council.
- ♦ Paper Setter & Examiner of MAKAUT from October 2014 to till date.
- ♦ Routine Committee Member, Sports Committee Member.

MEMBERSHIP:

Operational Research Society of India (ORSI, Springer)

PERSONAL DETAILS:

Date of Birth   :   February10, 1984
Father's Name   :   Mr. Gourkishore Sahoo
Mother's Name   :   Mrs. Kamala Rani Sahoo
Permanent Address: Vill.- Indra,   P.O.: Benadiha, P.S.: Keshiary,
                           Dist: Paschim medinipur, Pin. – 721133, W.B, India.
Marital Status   :   Married.
Nationality   :   Indian
Languages Known: Can read, write and speak English, Bengali
                        and can speak Hindi, Oriya.

DECLARATION:

All information's furnished above are true to the best of my knowledge and belief. If any of the above information is found false, my candidature is liable to be cancelled.

Place: Uluberia   (Signature)

Date: 24/06/2023   ------------------------------------
                                          (Palash Sahoo)