

## 2025 Seventh Doctoral Symposium on Intelligence Enabled Research

(DoSIER – 2025)

Jointly organized by RCC Institute of Information Technology, Kolkata and Algebra Bernays University, Croatia

21<sup>st</sup> and 22<sup>nd</sup> November, 2025 (Hybrid Mode)

Venue: RCC Institute of Information Technology, Kolkata



### Brief

RCCIIT jointly organized 2025 7th Doctoral Symposium on Intelligence Enabled Research (DoSIER 2025) with Algebra Bernays University, Zagreb Croatia on 21<sup>st</sup> and 22<sup>nd</sup> November 2025 at RCCIIT campus. Event was technically sponsored by IEEE CIS Kolkata Chapter and AAIA, Kolkata Branch and collaborated with Acuminous Research Foundation (AcuminoR).

### Highlights

<b>Total Research Submissions:</b>	144
<b>Papers Accepted:</b>	40 (Foreign papers: 07)
<b>Reviewers engaged in the process:</b>	76
<b>Keynote Sessions:</b>	05 (3 Offline and 2 Online (all with hybrid mode attendance))
<b>Keynote Speakers:</b>	Prof. (Dr.) Samarjit Kar, National Institute of Technology, Durgapur Mr. Aninda Bose, Senior Editor, Springer, UK Joanna Szlapczynska, DSc, PhD, GUT, Poland Dr. Arpita Sen, Head, TCS Accessibility Research Prof. (Dr.) Debashis De, MAKAUT, WB
<b>Plenary Session:</b>	01 (Offline (Hybrid mode attendance))
<b>Plenary Speaker:</b>	Prof. (Dr.) Sunil Luthra, Director, AICTE, New Delhi
<b>Technical Tracks:</b>	06 (3 Offline and 3 Online)
<b>Paper Presented Online:</b>	22
<b>Paper Presented Offline:</b>	18
<b>Proceedings:</b>	Springer LNNS Series (Scopus Indexed)
<b>Total Attendance:</b>	60 / day (IEEE Members: 21)

### Best Paper Award

**Track 1:** A Bayesian GRU Framework for Early Detection of Parkinson's Disease via Robust Speech Signal Modelling from Fuzzy Audio Data (**Presenter:** Rajib Saha, RCCIIT, Kolkata)

**Track 2:** Maritime UCAV Path Planning: A Comparative Study of Classical and Quantum Inspired Adaptive Differential Evolution (**Presenter:** Ravi Saini, Amity University Noida)

**Track 3:** Neuromorphic Classification of Dyslexia by Graph Convolutional Neural Network Realized with Memristors (**Presenter:** Sayantani Ghosh, Jadavpur University, Kolkata)

**Track 4:** Bio-Physical Representation Learning for Plant Disease Classification (**Presenter:** Rakesh Paul, West Bengal State University)

**Track 5:** SAFF-MedVQA: A Segmentation Aware Fusion Framework for Simultaneous Feature Selection and Clustering with Shapley Based Optimization (**Presenter:** Anirban Dey, RCCIIT, Kolkata)

**Track 6:** Community Driven Influential Researcher Identification through Attribute based Clustering (**Presenter:** Mithun Roy, Siliguri Institute of Technology, Siliguri)

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**Event Photographs**



**Fig. - Inaugural - Lamp Lighting**



**Fig. – Attendees of DoSIER 2025**



**Fig. – Prof. (Dr.) Sunil Luthra, Director AICTE, New Delhi – Plenary talk**

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**Fig. – Offline Technical Track**



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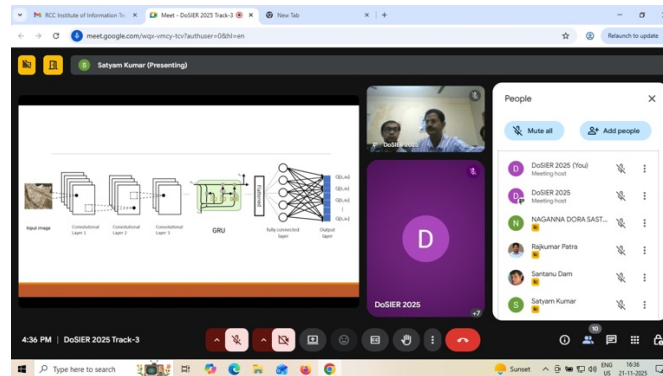


**Fig. – Best Paper Award in Track 5**

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**Fig. – Online Technical Track**