

**Program Schedule of the International Workshop on Linear Algebra and
Related Areas, Venue: NAB, BITS Pilani KK Birla Goa Campus**

Day-1: Nov 01, 2023

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| | 8:00 – 9:00 | Registration |
| | 9:00 – 9:30 | Opening Ceremony |
| | 9:30 – 9:45 | Coffee Break |
| Plenary Talk Chair: Prof. J. K. Sahoo | 09:45 – 10:15 | Prof. K. C. Sivakumar Title: Biographical sketch of Prof. T. Parthasarathi |
| Plenary Talk Chair: Dr. Ratikanta Behera | 10:15 – 11:15 | Prof. K. C. Sivakumar Title: M-matrices and Generalizations |
| | 11:15 – 11:45 | Coffee Break |
| Contributed Talk-1 Chair: Dr. Himadri Mukherjee | 11:45 – 12:40 | Prof. Ratikanta Behera Title: Introduction to tensor computations-I |
| | 12:40 – 2:00 | Launch Break |
| Plenary Talk Chair: Dr. Himadri Mukherjee | 2:00 – 3:00 | Prof. K. C. Shivakumar Title: The Lyapunov and the Stein operators: when are they singular irreducible M- operators? |
| Contributed Talk-2 Chair: Prof. J. K. Sahoo | 3:00 – 3:40 | Prof. Ratikanta Behera Title: Introduction to tensor computations-II |
| | 3:40 – 4:00 | Coffee Break |
| Research Paper Presentation Chair: Dr. Ratikanta Behera, Dr. Himadri Mukherjee | 4:00 – 5:30 | |

Day-2: Nov 02, 2023

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| Plenary Talk Chair: Dr. Himadri Mukherjee | 09:30 – 10.30 | Prof. Manjunath Prasad Title: Generalized Inverses of Matrices Associated with Graphs |
| | 10:30 – 10:45 | Coffee Break |
| Plenary Talk Chair: Dr. Himadri Mukherjee | 10:45 – 11:45 | Prof. Predrag Stanimirovic Recurrent Neural Networks in Matrix Computations |
| Plenary Talk Chair: Prof. Ratikanta Behera | 11:45 – 12:45 | Title: Amiya K. Pani Title: To be announced |
| | 12:45 – 2:00 | Launch Break |
| Contributed Talk-3 Chair: Prof. J.K. Sahoo | 2:00 – 2:40 | Dr. Himadri Mukherjee Title: Algebraic Monoids Associated with the Congruence Problem |
| Plenary Talk Chair: Prof. Gunja Sachdeva | 2:40 – 3:40 | Prof. Manjunath Prasad Title: Generalized Inverses of Matrices Associated with Graphs-II |
| | 3:40 – 4:00 | Coffee Break |
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| Research Paper Presentation Chair: Dr. Yasmeen S. Akhtar, Prof. T. Singh | 4:00 – 5:00 | Paper presentation. |

Day-3: Nov 03, 2023

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| Plenary Talk Chair: Dr. Ratikanta Behera | 09:30 – 10:30 | Prof. Sk. Safique Ahmed Title: To be announced |
| Plenary Talk Chair: Dr. Ratikanta Behera | 10:30 – 11:30 | Pro. J. K. Sahoo Title: Splitting-Based Iterative Methods for Linear Systems |
| | 11:30 – 11:45 | Coffee Break |
| | 11:45 – 12:45 | Valedictory Function |