



# CONFERENCE ON ALGORITHMS AND APPLICATIONS

**ALAP 2018** | January 10 - 12, 2018, Kolkata, India



Organized by  
Dept. of Computer Science & Engineering,  
B. P. Poddar Institute of Management &  
Technology, Kolkata, India

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## PROGRAM SCHEDULE

### Day 1 - 10<sup>th</sup> January, 2018 (Pre-conference Tutorial)

| Time   | Program   |
|--|---|
| 9:00 – 9:30  | Registration  |
| <b>Industries of the Future – by Embedded Systems &amp; Robotics Research, TCS</b> |   |
| 9:30 – 10:15   | Talk 1 - Unobtrusive Sensing for Augmenting Human Intelligence -Tapas Chakrabarty, TCS                        |
| 10:15 – 11:00  | Talk 2 – Human Sensing and Context Discovery – Avik Ghose, TCS  |
| 11:00 – 11:30  | Tea break   |
| 11:30 – 12:15  | Talk 3 – AI techniques to estimate Cardiac condition using Non-invasive Sensing – Anirban Duttachoudhury, TCS |
| 12:15 – 13:00  | Talk 4 – Interactive Robotics – Ranjan Dasgupta, TCS  |
| 13:00 – 14:00  | Lunch   |
| 14:00 – 14:45  | Talk 5 – Bio-inspired Augmental Robotics – Arijit Mukherjee, TCS  |
| 14:45 – 15:00  | Tea Break   |
| 15:00 – 17:00  | Talk 6 – Thermal Image Processing in Medical Domain - Ashok Bandopadhyay, CDAC                                |

### Day 2 - 11<sup>th</sup> January, 2018 (Conference Day 1)

| Time          | Program   |
|---------------|---|
| 9:00 – 10:00  | Registration  |
| 10:00 - 10:30 | Inauguration Session: Chief Guest – Prof. Saikat Maitra, Vice Chancellor, MAKAUT, West Bengal |
| 10:30 – 11:15 | Keynote Address - Prof. Swapan Bhattacharya, Jadavpur University                              |
| 11:15 – 11.30 | Tea Break   |
| 11.30 – 12.15 | Invited Talk 1 - Prof. Nabendu Chaki, University of Calcutta                                  |
| 12.15 – 13.15 | Contributory Papers - Session 1   |
| 13.15 - 14.00 | Lunch   |
| 14.00 - 14.45 | Keynote Address - Prof Sajal Das, Missouri University of Science and Technology, USA          |
| 14.45 - 15.30 | Invited Talk - Prof. Indranil Sengupta, IIT Kharagpur   |
| 15.30 -15.45  | Tea Break   |
| 15.45 - 16.30 | Invited Talk - Dr. Arpan Pal, TCS, Kolkata  |
| 16.30 – 17.15 | Invited Talk  |

### Day 3 - 12<sup>th</sup> January, 2018 (Conference Day 2)

| Time          | Program   |
|---------------|---|
| 10:00 – 10.45 | Invited Talk - Prof Aditya Bagchi                   |
| 10.45 - 11:00 | Tea Break   |
| 11:00 – 11.45 | Invited Talk - Dr. Vaskar Raychoudhury, IIT Roorkee |
| 11.45 – 12:30 | Contributory Papers - Session 2                     |
| 12.45 -13.30  | Invited Talk - - Prof. Kolin Paul, IIT Delhi        |
| 13.30 - 14.15 | Lunch   |
| 14.15 – 15:00 | Invited Talk  |
| 15:00 – 16.00 | Contributory Papers - Session 3                     |
| 16:00 – 16:15 | Tea Break   |
| 16.15 – 17:00 | Valedictory Session                                 |