

## Summer Camp 2026

|            | 15th July                                                                                                                  | 16th July                                                                                    | 17th July                                  | 20th July                                                                                                                | 21st July                                                   | 22nd July                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|            | WEDNESDAY                                                                                                                  | THURSDAY                                                                                     | FRIDAY                                     | MONDAY                                                                                                                   | TUESDAY                                                     | WEDNESDAY                                                                                                        |
|            | CDS                                                                                                                        | DMS                                                                                          | DBS                                        | DPS                                                                                                                      | DCS                                                         | DES                                                                                                              |
| 10:00 AM   |                                                                                                                            | Short introduction by HoD followed by a talk by Prof. A K Nanda <b>"Magic Squares"</b> [G05] | Introduction about the Department          | Introduction by HoD followed by a science lecture by Prof. R K Nayak <b>"Whispers from Black Holes"</b> [G05]            | Introductory presentation by the DCS Chair                  | Short introduction by HoD followed by a talk by Dr. D Roy <b>"Environmental Pollution and its Impacts"</b> [G05] |
| 10:30 AM   |                                                                                                                            |                                                                                              | Experiments & demonstration - teaching lab |                                                                                                                          | Visit to selective labs and instrument facilities in groups |                                                                                                                  |
| 11:00 AM   | Registration & Orientation [G05]                                                                                           | Exhibit and demonstrations by DMS students [DMS Dept.]                                       |                                            | Science Lecture by Prof. A Dasgupta <b>"Holmes meets Schrodinger's cat - how the quantum can keep our secrets"</b> [G05] |                                                             | Short Lab experiments [Aerosol and Air Quality Research Lab]                                                     |
| 11:30 AM   | Introduction to AI tools [CC1]                                                                                             |                                                                                              | Exhibits from dept. outreach               |                                                                                                                          |                                                             |                                                                                                                  |
| 12-1:30 PM | Lunch Break                                                                                                                | Lunch Break                                                                                  | Lunch Break                                | Lunch Break                                                                                                              | Lunch Break                                                 | Lunch Break                                                                                                      |
| 1:30-2 PM  | Introduction by HoD [MN Saha]                                                                                              |                                                                                              |                                            |                                                                                                                          |                                                             |                                                                                                                  |
| 2:00 PM    | Interactive talk by Prof. A Mukhopadhyay (Kalyani Univ.) <b>"Introduction to AI: A School Kid's Perspective"</b> [MN Saha] | Interactive talk by Prof. S Basu <b>"Geometry &amp; Measurement"</b> [G05]                   | Visit to common facilities of dept.        | Exhibit from dept. outreach                                                                                              | Chem quiz                                                   | Exhibit and demonstrations [co-ordinated by Dr. S Mondal]                                                        |
| 2:30 PM    |                                                                                                                            |                                                                                              |                                            |                                                                                                                          |                                                             |                                                                                                                  |
| 3:00 PM    | Hands-on activity on AI tools [CC1]                                                                                        | Exhibit and demonstrations by DMS students [DMS Dept.]                                       | Visit to research labs                     | Visit to research lab                                                                                                    | Two popular chemistry lectures with demonstrations          | Visit the common facilities of the department [XRF Lab]                                                          |
| 3:30 PM    |                                                                                                                            |                                                                                              |                                            |                                                                                                                          |                                                             |                                                                                                                  |
| 4:00 PM    | Inaugural Ceremony [MN Saha Auditorium], followed by high tea                                                              |                                                                                              |                                            |                                                                                                                          |                                                             |                                                                                                                  |
| 4:30 PM    |                                                                                                                            |                                                                                              |                                            |                                                                                                                          |                                                             |                                                                                                                  |