**Details Information Required for Manpower Update:**

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| --- | --- | --- |
| **Sl no.** | **PERSONAL INFORMATION** | **Details** |
| 1 | Salutation | Mr. |
| 2 | First name | SWAPAN |
| 3 | Middle name |  |
| 4 | Last name | BARMAN |
| 5 | Date of Birth | 30th SEPTEMBER, 1970 |
| 6 | Qualification | M. TECH., Pursuing Ph.D. |
| 7 | Specialization | Design and Production Engineering |
| 8 | Research Area | Investigation on geometry and size effects in micro EDM, High precision coordinate metrology, 3D surface texture characterization |
| 9 | Technical Services | Dimensional metrology, 3D coordinate metrology, Pressure and Mass metrology, 3D surface texture characterization, Performance Evaluation of metrological equipment. |
| 10 | Reporting To | Dr. Ranjan Sen |
|  | OFFICIAL INFORMATION |  |
| 11 | Employee ID | 181 |
| 12 | Joining date at CMERI | 20th April, 1994 |
| 13 | Joining date at CSIR | 20th April, 1994 |
| 14 | Designation | Principal Scientist |
| 15 | Scale of pay | Rs. 37400-67000 / Pay Band 4, Grade Pay Rs. 8700 |
| 16 | Total pay (gross) | Rs. 130460 |
|  | CONTACT INFORMATION |  |
| 17 | Address (residence) | MS-IV/ W-5, CMERI COLONY, Durgapur-713209, West Bengal, India |
| 18 | Phone (residence) | 0343-2602033 |
| 19 | Phone (office) | 0343-6452033 |
| 20 | Mobile | 9474112730 |
|  | ADDITIONAL INFORMATION |  |
| 21 | Projects   * Project Name * Project Number | Ongoing Project :  Project Number - PSC0111  Name - Measurement for Innovation in Science & Technology for Improvement of Quality & Economy of Life (Continuation of NABL Accreditation in Mechanical Metrology and improving CMCs of existing calibration facilities) |
| 22 | About Yourself  (1 or 2 para) | Swapan Barman did his Bachelor of Engineering in Mechanical Engineering (1992) and Master of Technology (1995) both from Regional Engineering College (REC), Durgapur and pursuing Ph.D. from NIT, Durgapur. He joined in CSIR-Central Mechanical Engineering Research Institute Durgapur as scientist ‘B’ in April, 1994. Besides R&D activities with related metrology in micro EDM processes and products, he is involved in the activities for product development through reverse engineering, inspection and calibration services on dimension, mass, pressure, surface texture to industries, in retaining NABL accreditation and ISO certification for the Institute and also involved in providing high end training on dimensional, mass and pressure metrology to industrial personnel. Course coordinator for PGDME course. 8 peer reviewed journal papers, 7 international conf. papers and 13 national conf. papers are in his credit.  He is the recipient of “Production Engineering Division Prize (2011)” from Institution of Engineers (India) for the best technical paper for the year, “Excellent Category Award (2005)” and “Distinguished Category Award (2004)” from Quality Circle Forum of India for presenting case studies. Received high end training on theoretical and practical aspects associated with “The Measurement of Surface Finish based on the CCI Lite Measuring Instrument and Talymap Software” from Centre of Excellence of M/s. Taylor Hobson Ltd., at Leicester, England in 2009 and “High Pressure Metrology” from M/s. DH-Budenberg, at Paris, France in 2005. He is Fellow of Institution of Engineers (India),   Life Member of Metrology Society of India and Member of the International Reviewers Group, The Journal of Mechanical Engineering, University of Ljubljana, Slovenia. |
| 23 | Publications | Peer reviewed journal papers - 8,  International Conf. – 7,  National Conf. - 13 |
| 24 | Patent   * Patent Type (Filed or Granted) * Title * Filing Date * Issue Date * Inventors (Office Staff, Name and Id) * Other Inventors (Retired/ Outsider, only Name and Affiliation) * Patent Number * Application Number * IPC Classifications * Abstract * Place of Patent |  |
| 25 | Bio Data (In Pdf Format) |  |
| 26 | Contact Email Id | [sbarman@cmeri.res.in](mailto:sbarman@cmeri.res.in), [sbarman1970@gmail.com](mailto:sbarman1970@gmail.com) |
| 27 | Passport photo (Good Quality, Less than 2Mb) | http://www.cmeri.res.in/infotech/manpower/images/181.jpg |

**Details Information Required for Section Update:**

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| --- | --- | --- |
| **Sl no.** | **Section Information** | **Details** |
| 1 | Section Category  (options:   * R & D Group * Technical Support Group * Technical Services Group * Administrative Support Group ) | Technical Services Group |
| 2 | Name of the Section | Precision Engineering & Metrology |
| 3 | Projects:   * Project Name * Project Number * Project Type * Project Objective * Sponsor Agency * Estimated Cost * Link Cost * Total Cost * Received Amount * Name of PI * Name of Other PI * Name of Co PI (CMERI Staff) * Name of Other Co-PI (Outside Members) * Project Start Date * Project End Date * Project Status * Deliverables * Project related Image (For Graphical Summary) | Ongoing Project Name - Measurement for Innovation in Science & Technology for Improvement of Quality & Economy of Life (Continuation of NABL Accreditation in Mechanical Metrology and improving CMCs of existing calibration facilities)  Project Number - PSC0111 |
| 4 | Facilities   * Title * Brief Description * Research Facilities Photo 800x400 pixels * Write up in pdf |  |
| 5 | Achievement (1 to 2 para) |  |
| 6 | About Section (1 to 2 para) |  |
| 7 | Section Activities (1 to 2 para) |  |
| 8 | Collaboration   * Organization Name * Address * Continent |  |
| 9 | Headlines, If any   * Title * Type of Headlines * Headlines in Brief * EXPIARY DATE * Upload Document (Allowed file types: txt pdf doc docx) |  |
| 10 | Head of the Division |  |
| 11 | Division Head E-mail |  |
| 12 | List of Scientists (Name and Id) |  |
| 13 | List of Technical Staffs (Name and Id) |  |
| 14 | List of Non Technical Staffs (Name and Id) |  |
| 15 | List of Admin Staffs (Name and Id) |  |
| 16 | Others (JRF, SRF, PhD Scholar, Proj. Asst., Proj. Fellow, DST Fellow etc)   * Name * Designation * Date of joining * Tenure Expiration Date |  |
| 17 | Banner for departmental page of resolution (1600 x 250 px)   * Title * Banner Image (Allowed file types: **png gif jpg jpeg)** |  |
| 18 | Research Area   * Title of Research Area * Research Type \*   ( Whether falls under Institute’s Thrust R&D Areas or  Other Allied R&D Areas)   * Brief Description * Related Image for Graphical Summary (Allowed file types: **png gif jpg jpeg,** Images must be smaller than **800x600** pixels ) * More Details as Attachment File |  |
| 19 | Service List   * Service Name * Service Description * Service Type \*   (Technological Services or  Testing Services) |  |
| 20 | Good quality Images for Photo Gallery (4 to 6 Nos.) |  |
| 21 | Name of Web Nodal Person (Name and Id) |  |