

SSN Research Centre
Current Ongoing Projects

Sl. No.	Project Title	Principal Investigator	Amount in Rs. Lakh	Funding Agency	Duration
1	Design and Development of 800 kg multicrystalline silicon (mc-Si) directional solidification furnace and slicing machine for making commercial size mc-Si wafers	Dr. P. Ramasamy Dean Research	1205	DST	2021-2024 3 Years
2	Development of large size and high quality Piperazine derivative single crystal: Unidirectional RSR and ISR methods"	Dr. Muthu Senthil Pandian	20.00	SERB	2023-2026 (3 years)
3	Silver nanowires and MoS ₂ microsphere based filtration system for efficient bacterial removal from potable water	Dr. P. Balji Bhargav Mr. C. Balaji Mr. Nafis Achmed	24.0	SERB	2020-2023 (Three Years)
4	Growth of salt-inclusion chalcogenides and different-composition chalcogenides single crystals and Raman spectroscopic studies on these crystals	Dr. K. Aravinth	33.18	SERB	2023-2026 (3 years)
5	In-situ observations of Si based crystalline materials with various dopants for PV Applications	Dr. M. Srinivasan	5.00	GIMRT	2023-2025 (11/2 years)
6	Synthesis and Characterizations of Novel Heusler Alloys for Thermoelectric Applications	Dr. M. Srinivasan	5.00	GIMRT	2023-2025 (11/2 years)
7	Synthesis of lead free silver bismuth iodide light absorbers for mesoscopic solar cells	Dr. R. Govindaraj Dr. P. Balaji Bhargav Dr. P. Ramasamy	44.60	BRNS	2020-2023 Three Years

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8	Growth of High-Quality Alkali Metal Halide Perovskite single Crystals for High Energy Radiation Detector Applications	Dr. P. Karuppasamy Dr. Muthu Senthil Pandian Prof. P. Ramasamy	1.50	UGC-DAE CSR	2023-2026 Three Years