



B.S. Abdur Rahman TM

Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956

Crescent Global Outreach Mission (CGOM)

Research & Development

Name of the position	Research Assistant
No. of Position	2
Type of Engagement	Temporary (Registering for PhD is appreciated)
+Title of the Project	Development of new building materials using exfoliated graphite and improve the energy storage using reduced graphene
Funding Agency	Nanofold Inc. (Consultancy Project)
Principal Investigator 1 with Contact Details (Energy Storage)	Dr. Sivagaami Sundari Gunasekaran, Assistant Professor (Research), Crescent Global Outreach Mission (CGOM), Email: gsivagaamisundari@crescent.education / gsivagaamisundari@gmail.com
Principal Investigator 2 with Contact Details (New Building Materials)	Dr. A.K. KALILUTHIN, Associate Professor in Civil Engineering, Crescent Global Outreach Mission (CGOM), BSA Crescent Institute of Science and Technology, Chennai. Email: kalil@crescent.education / kalil.ak786@gmail.com
Qualification and Experience	1. Postgraduate degree in Physics/Chemistry/Material Science. Knowledge in Electrochemistry, Energy conversion and storage will be advantageous. 2.M.E./M.Tech. degree with specialization in Structural Engineering or Advanced Concrete Technology. The candidate should have experimental knowledge and an interest in testing structural components and composite building materials with a focus on concrete technology.
Period of Engagement	01 year. The position is extendable to an additional two years based on progress and performance.
Fellowship/Remuneration per month (₹)	Rs. 25,000 /-
Job Requirements	1. Passionate researcher with a strong background in electrochemistry, supercapacitors, batteries or any energy storage devices. The candidate must demonstrate the capability to work effectively both independently and collaboratively within a team. 2. A strong commitment and motivation to pursue research and good communication skills. Candidate should have sound knowledge in Concrete technology and Sustainable building materials.
Last Date of applications	A detailed CV (PDF < 10 MB) has to be sent to the PI email ID at latest by 27 th October 2024.
Interview	The shortlisted candidates will be informed through mail.