

25<sup>th</sup> May 2025

#### Dear Esteemed Alumni,

Warm greetings from your Alma Mater-NIT Srinagar!

Established in **1960** as the Regional Engineering College (REC) Srinagar, our institution has grown into a nationally recognized centre of excellence in technical education and research. In 2003, RECs across the country were upgraded and renamed as National Institutes of Technology (NITs), and subsequently conferred the status of Institutes of National Importance by the Government of India. Over the years, NIT Srinagar has made significant strides in academics, research, and innovation. It has consistently featured in the National Institutional Ranking Framework (NIRF) by the Ministry of Education, Government of India, and currently ranks 79th among the top engineering institutions in the country. These achievements reflect our commitment to quality—and are deeply rooted in the strength, success, and continued support of our alumni community.

You, our distinguished alumni, are the torchbearers of this proud Legacy & Light. Your accomplishments around the world speak volumes of the solid foundation laid at this institute, and continue to inspire future generations. Your journey is inseparably linked to the reputation, growth, and aspirations of NIT Srinagar. I am glad to share that **Alumni Association; NIT Srinagar** was recently registered by the Government of Jammu & Kashmir. We now wish to renew and strengthen this lifelong connection. The bond you share with your Alma Mater grows stronger with time and deeper with gratitude. As part of our ongoing efforts to update and enrich our alumni database, we respectfully request & invite you to share your academic, professional and placement details by filling out the registration form at the link below:

#### **Alumni Registration Form**



https://docs.google.com/forms/d/e/1FAIpQLSfSQVPuOnn4pW3WtCED4Ub6Pwy3uZuS2kAmqBi-TcNlixR3EA/viewform?usp=header

More so, we are launching the Annual Alumni Magazine, **Bridges & Beacons – A Chronicle of NIT Srinagar Alumni.** A list of topics but not limited to is annexed where you can contribute and help us to bring the **Ist Issue of Alumni Bulletin in September 2025 with Er. R A Fani as Editor in Chief and Dr. M Mursaleen as Associate Editor /mursaleen@nitsri.ac.in /(daia.o@nitsri.ac.in).** We are also looking for Editorial Board Members and Associate Editors of the Annual Souvenir.

Your response will enable us to plan meaningful alumni engagements, foster collaborations, and collectively contribute to the socio-economic development of our nation, and beyond. We look forward to your continued association, encouragement, and inspiration as we work together to take NIT Srinagar to even greater heights (pushing the limits), as mentioned in detail in our Message on web page, which is under development. Please mail your suggestions/articles/achievements on daia@nitsri.ac.in by or before **15<sup>th</sup> July 2025**.

With warm regards and best wishes,

**Prof. M A Shah** Dean, Alumni & International Affairs

## Topics for our <mark>Alumni Bulletin</mark> – Bridges & Beacons –

## A Chronicle of NIT Srinagar Alumni

### **Dreams of Youth: Alumni Reflections & Life Journeys**

| My Journey After College   |  |  |  |
|--|--|--|--|
| Reflections on career paths, life choices, and turning points.   |  |  |  |
| Lessons Learned in Work and Life   |  |  |  |
| Insights and wisdom gained through years of experience.  |  |  |  |
| Challenges I Faced and Overcame  |  |  |  |
| Stories of resilience and perseverance in personal or professional life.                                   |  |  |  |
| "If You Fall, I Will Be There"   |  |  |  |
| Moments of friendship, support, and unexpected kindness.   |  |  |  |
| 5. Pages from My REC/NIT Srinagar Diary  |  |  |  |
| Cherished memories, anecdotes, and campus experiences.   |  |  |  |
| People Who Inspired Me Most  |  |  |  |
| Mentors, role models, and guiding lights.  |  |  |  |
| 7. Giving Back to Society — A Wish, A Mission  |  |  |  |
| Philanthropy, social work, or a personal dream to make a difference.                                       |  |  |  |
| My Experiences Across Different Places   |  |  |  |
| Working or living across regions and cultures.   |  |  |  |
| Lifelong Learning — Skills Acquired Over the Years   |  |  |  |
| Keeping pace with change and evolving with it.   |  |  |  |
| Balancing Work, Family, and Self   |  |  |  |
| Managing personal and professional life with purpose   |  |  |  |
| Materialism and Ethical Dilemmas   |  |  |  |
| Reflections on values in a fast-paced world.   |  |  |  |
| Dreams of Youth — The Need for Contentment   |  |  |  |
| Revisiting youthful dreams through the lens of maturity.   |  |  |  |
| 13. The Impact of Modern Technologies on Our Lives   |  |  |  |
| Personal observations on digital transformations.  |  |  |  |
| The Privilege to Think — And to Question<br>Reflections on education, curiosity, and intellectual freedom. |  |  |  |
| . You Taught Me All  |  |  |  |
| A tribute to teachers, mentors, or life itself.  |  |  |  |
| Simplicity and Truthfulness: Values That Endure  |  |  |  |
| A personal philosophy or legacy to pass on.  |  |  |  |
| Living and Learning in the Valley  |  |  |  |
| A heartfelt account of time spent in Kashmir.  |  |  |  |
| . My View of Happiness   |  |  |  |
| What truly matters — a personal definition of fulfilment.  |  |  |  |
| Education for the Future We Wish   |  |  |  |
| Ideas for reforming or reimagining education.  |  |  |  |
| 20. Advice to Young Engineers and Students   |  |  |  |
| Words of encouragement, guidance, and wisdom.  |  |  |  |
|  |  |  |  |

## Shaping the Future Through Education, Science & Innovation Quantum & Data Science Frontiers

| 21    | Quantum Computing & Quantum Informatics                                       |  |
|-------|---|--|
|       | The next leap in computing and information theory.                            |  |
| 22    | . Data Science & Intelligent Machines   |  |
|       | Teaching machines ethically and intelligently.                                |  |
| 23    | . Cybersecurity & Digital Threats   |  |
|       | Challenges and defenses in the digital world.                                 |  |
| Envi  | ronment & Sustainable Infrastructure  |  |
| 24    | . Sustainable & Clean Energy — Harvesting & Storage                           |  |
|       | Green innovations to power the future.  |  |
| 25    | 5. Solar & Green Transportation — EVs & Batteries                             |  |
|       | Technologies driving cleaner mobility.  |  |
| 26    | 5. Resilient Roads & Buildings — Sustainable Materials for Harsh Environments |  |
|       | Engineering for sustainability and durability.                                |  |
| Spac  | e Science & Satellite Technologies  |  |
| -     | . Space Science & Vehicles of the Future                                      |  |
|       | Exploring the cosmos with next-gen technologies.                              |  |
| 28    | 8. Satellites and Drones — Eyes in the Sky                                    |  |
|       | Applications across communication, environment, and defense.                  |  |
| 29    | . Radars, Robotics & Automation   |  |
|       | Technological convergence in space and security.                              |  |
| Elect | tronics, Automation & Communications  |  |
| 30    | . Electronics & Communication Engineering Today                               |  |
|       | Trends shaping modern signal and circuit systems.                             |  |
| 31    | . Supercomputers & Smart Sensors  |  |
|       | From simulation to real-time intelligence.                                    |  |
| 32    | . 6G and Beyond — Next-Gen Communication                                      |  |
|       | The evolution of how the world connects.                                      |  |
| Mod   | ern Materials & Medical Frontiers   |  |
| 33    | . Composites, Self-Healing & Shape-Memory Materials                           |  |
|       | Smart materials with transformative properties.                               |  |
| 34    | . Biomaterials — Materials for Life   |  |
|       | At the intersection of biology, health, and engineering.                      |  |
| 35    | 5. Nano-Biotechnology & Nano-Medicine   |  |
|       | Small-scale innovations with life-saving potential.                           |  |
| Sust  | ainable Agriculture & Environmental Well-being                                |  |
| 36    | 5. Safe Food, Smart Fertilizers & Sustainable Farming                         |  |
|       | Feeding the future responsibly.   |  |
| 37    | '. Soil, Water & Air — Protecting Our Essentials                              |  |
| •     | Preserving the foundations of life.   |  |
| 38    | 8. Streams, Springs & Water Bodies — Reviving Our Resources                   |  |
| 20    | Restoring the natural lifelines of the ecosystem.                             |  |
| 39    | Climate, Disasters & Remote Sensing   |  |
| 40    | Mitigating risks through science and early detection.                         |  |
| 40    | . The Future We Wish — Education, Ecology & Equity                            |  |
|       | Imagining a better world through conscious innovation.                        |  |

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## **Prof. M A Shah**

## **Editorial Board - Alumni Bulletin 2025** {Ist Edition}

# **Bridges & Beacons** – A Chronicle of NIT Srinagar Alumni

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