



ISRO S-TIC CELL
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015, TAMIL NADU, INDIA

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Technology Development Project Proposals Sanctioned under ISRO STIC Cell – NIT Tiruchirappalli for the FY 2020-21

| Project Code | Project Title | Mentor | PI | CO-PI |
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| S-TIC-SL-0151 | Design of Controller for Buck Converter | H S. Jatana , GH, Design and Process Group Email: hsj@scl.gov.in . Mobile: 9417034547 Rajesh K Srivastava Engr. SE, Design & Process Group Email: rajesh@scl.gov.in Mobile: 01722296260 | Dr. G. SARAVANILANGO Asso. Professor, EEE Email: gsilango@nitt.edu Mobile: +91-9442366994 | Dr. J. KAMALA Asso. Professor, ECE College of Engg.Guindy/Anna University Email: jkamalaa@annauniv.edu Jkamalaa06@gmail.com Mobile: +91-944414884 Dr. S. SENTHIL KUMAR Associate Professor, EEE, NITT. Email: skumar@nitt.edu Mobile: 8778505122. |
| S-TIC-SL-0152 | Design of DSP Processor Using SCL foundry | H S. Jatana , GH, Design and Process Group Email: hsj@scl.gov.in . Mobile: 9417034547 | Dr. G. LAKSHMINARAYANAN Professor ECE, NITT Email: laksh@nitt.edu Mobile: +91-9442940144 | Dr. M. SANTHI Professor, ECE, Saranathan College of Engineering, Trichy Email: santhim@saranathan.ac.in Mobile: 9443247249 |



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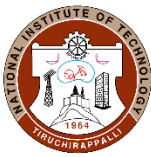
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| S-TIC-AC-0153 | Design and Development of X-band & Ka-band Passive Devices | Harshita Tolani, TSDD, MRSA, SAC harshita@sac.isro.gov.in Mobile: 07926915291 S.K. Garg, MRS-MSTG-MSTD, SAC Garg_sk@sac.isro.gov.in SAC, ISRO | Dr. R. PANDEESWARI Associate Professor ECE, NITT Email: rpands@nitt.edu Mobile: +91-9952892216 | Dr. S.S.KARTHIKEYAN Assistant Professor, ECE, NITT Email: sskarthikeyan@nitt.edu Mobile: +91-8903859762 Dr. S. DEIVALAKSHMI Assistant Professor ECE, NITT Email: deiva@nitt.edu Mobile: +91-7010812752 Dr. G. THAVASI RAJA |



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| S-TIC-IS-0154 | LC Bandpass Filter for Space Technology | BHM Daruksha , Head TFD, HMC&IG URSC, 08025083713 7975142196 daru@ursc.gov.in | Dr. S. SENTHIL KUMAR Associate Professor, EEE, NITT. Email: skumar@nitt.edu Mobile: 8778505122 | <p>Dr. T. LAXMIKANDAN Associate Professor ECE, Anna University, Chennai Email: laxmikandan@gmail.com Mobile: +91-9489536873</p> <p>Dr. N.GUNAVATHI Assistant Professor Department of Electronics and Communication Engineering Email: gunavathi@nitt.edu Mobile: +91-9489536873</p> <p>Dr. S.S.KARTHIKEYAN Assistant Professor, ECE, NITT Email: sskarthikeyan@nitt.edu</p> |



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| S-TIC-IS-0155 | Design and Development of ferrite dielectric based microstrip isolator for X-band application | BHM Daruksha , Head TFD, HMC&IG URSC, 08025083713 7975142196 daru@ursc.gov.in | Dr. S.S. KARTHIKEYAN Assistant Professor, ECE, NITT Email: sskarthikeyan@nitt.edu Mobile: +91-8903859762 | Dr. N. GUNAVATHI Assistant Professor Department of Electronics and Communication Engineering Email: gunavathi@nitt.edu Mobile: +91-9489536873 Dr. L.R. KARL MARX Assistant Professor, Mechatronics Email: lrkarlmarx@tce.edu TCE, Madurai Dr. CHINMOY SAHA Associate Professor Avionics Email: chinmoy.rpe@gmail.com IIIST, Trivandrum. |
| S-TIC-SH-0156 | Fracture of Ammonium Perchlorate Crystal Particles under Compression, Shear and impact | P. Kanakaraju DGM/SPP& APD SPAG, SDSC-SHAR pkraju@shar.gov.in 9490086608, 9490271201 | Dr. J SARAT CHANDRA BABU Professor Chemical Engineering, NITT Email: sarat@nitt.edu Mobile: +91-9486771039 | Dr. T.K. RADHAKRISHNAN Professor Chemical Engineering, NITT Email: radha@nitt.edu Mobile: +91-9488451677 Dr. KATAKAM SIVA PRASAD |



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