

NDRL

L Bhanuprakash



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L Bhanuprakash, graduated in “Mechanical Engineering” from Swami Ramananda Tirtha Institute of Science and Technology, JNTU-Hyderabad and post-graduated in “Nanotechnology” from School of Nano Science and Technology (SNST), National Institute of Technology Calicut (NITC). After teaching for one year, he joined in PhD under the supervision of Dr. Soney Varghese, SNST, NITC. Currently, he is working for the funded project titled “Development of Advanced Fibre Reinforced Polymer Nanocomposites for Aircraft Structure Applications”, sanctioned under Engineering and Technology Programme, KSCSTE. Besides research activities, he loves to spend his leisure time with family and friends.

Bhargav Panchal



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Bhargav Panchal has completed his master degree in the field of Microelectronics from Manipal Institute of Technology in 2013. After his master, he joined as Senior Project Fellow (SPF) in CEERI-CSIR, Pilani, Rajasthan in 2014-15. He joined School of Nano Science and Technology, NIT Calicut as full time Research Scholar in 2015. His current research topic is 'MEMS based Resonators and Filters'. His research interest includes MEMS, Acoustic waves, Filters, Resonators, EBG, Metamaterial, Vedic Maths, Circuits, Micro-Nano fabrication Simulation. During his leisure time he likes science reading, swimming, physical exercise.

Nimmy John V



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Nimmy John V has completed her BSc. and MSc. chemistry from Sacred Heart College, MG University. She joined as a research Scholar at SNST, NIT Calicut in the year 2013. She has successfully completed her funded project worth Rs.15.96 Lakhs, titled “Flexible Nanomaterial Doped Polymer Dispersed Liquid Crystal Devices”, sanctioned under “Back to Lab Program”, Women Scientist Division, Kerala State Council for Science, Technology and Environment. Her research work is mainly focused on Liquid Crystal Devices. She loves spending time with her family and friends.

Praseetha K.P.



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Praseetha K P has completed her M.Phil in Physics from the University of Calicut, Kerala. She did her Post Graduation in Physics from St.Joseph’s College, Devagiri, University of Calicut. Physics at nanoscale fascinated her to pursue Ph.D under the supervision of Dr.Soney Varghese in the School of Nano Science and Technology, NIT Calicut. Primarily her research work is focused on the non-linear applications of liquid crystals. Besides research she enjoys her life with violin, music, books and family.

Sreenidhi Prabha Rajeev



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Sreenidhi Prabha Rajeev received her B.Tech degree in electronics and communication engineering(2008) and M.Tech degree in VLSI and Embedded Systems(2014) from Kerala and Mahatma Gandhi Universities. She is currently pursuing Ph.D. from School of Nanoscience and technology, National institute of technology, Calicut, India. Her research interests include piezoelectric and contact electrification based devices for energy harvesting applications, Scanning probe microscopic techniques for nanoscale voltage characterization in nanomaterials.

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Farzeena C



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Farzeena completed BS MS dual degree programme in Science from IISER Pune (2010 to 2015) and joined in School of Nano Science and Technology, NIT Calicut in December 2016 as a CSIR research scholar under the joint supervision of Dr. Subramanayan Namboodiri Varanakkottu and Dr. N. Sandhyarani. Her research mainly focuses on optical switching using nanostructures.

Vinay T.V



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Vinay graduated in Mechanical engineering from Mar Athanasius College of Engineering, Kothamangalam (2006-10). He did post graduation in M.Tech. Nanotechnology from NIT CALICUT (2010-12). After three years career in teaching engineering he rejoined School of Nano Science and Technology, NIT Calicut as a Ph.D Scholar. He is jointly supervised by Dr.Soney Varghese and Dr.Subramanyan N V. His research interest is primarily in Microfluidics with emphasis on capillary force based assembly and patterning of particles and droplets. Besides research he's a passionate traveller.

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Geo Sebastian



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Geo Sebastian joined as research scholar in Nano Science and Technology lab under the guidance of Dr. Shijo Thomas in 2017. He did his B.Tech in Mechanical from School of Engineering, Cusat and M.Tech in Propulsion from Indian Institute of Space Science and Technology, Trivandrum. He had a short spell in teaching at Saintgits college of Engineering prior to joining NIT Calicut. His research interest is in tapping solar energy for solving the imminent water crisis. The primary focus is in solar based desalination systems and the possibility of utilizing nano sized particles in dispersed form to enhance the performance of such systems.

Neeshma Radhakrishnan



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Neeshma started her career as a Design Engineer in the Engineering & Industrial Services domain of Tata Consultancy Services, Bangalore in 2008. Passionate about teaching and keen on taking up teaching as a profession, she went on to do her Masters in Nanotechnology from NIT Calicut in the year 2011, completing which she joined as Assistant Professor in the Department of Mechanical & Manufacturing Engineering, Manipal Institute of Technology. Currently she is pursuing PhD under Dr. C B Sobhan, in Nanotechnology Research Laboratory, NIT Calicut, in the area of Nano Enhanced Phase Change Materials.

Manu Mohan



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Manu Mohan joined SNST to pursue his Doctoral studies after completing 2.5 years in teaching. Alumnus of this very same school during post-graduate period, his M.Tech thesis was to investigate the heat transfer performance of h-BNNS nano-oils as transformer oil. Currently he is working on the heat transfer behaviour of dilute nanofluids in compact channels under the guidance of Dr. C B Sobhan and Dr. Shijo Thomas.

Radhika Panickar



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Radhika panickar is a graduate in Electronics and Instrumentation engineering and post graduate in M tech Nanotechnology from VIT University. She was an Assistant professor in a reputed engineering college and resigned her job to pursue her passion and desire in research. She joined in NITC for full time PhD(July 2016) in school of nanoscience and technology under the guidance of Dr .C .B Shobhan and Dr. Sivaji chakravarti and her area of research is focused on nanoelectronics and nanomaterials. Her hobbies include ornaments making, painting and cooking.

FCRL

Chingakham Chinglenthoba



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The passion of research was ignited at very young age. Currently he is working in Green fuel and heterogeneous catalyst as his Ph.D. work under the guidance of Dr. V Sajith in Fuel and Combustion Research Lab. He works mostly in waste material for producing the green catalyst material. He believes in Waste to Energy ideology. He completed his B.Tech in Mechanical engineering from Anna University, Chennai (2014) and M.Tech in Nano Science and Technology from Pondicherry University (2016). He joined in NIT Calicut as full time Ph.D. in School of Nano Science and Technology in July 2016. Apart from research, He loves cooking and painting. He is known for his selfless commitment and passion to his work and finds happiness being in lab.

Mathew Joseph



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Mathew holds B.Tech in Mechanical Engineering (M.G University Kottayam, 2006) and M.Tech in Thermal and Fluids Engineering (IIT Bombay, 2011). He has more than 10 years of teaching experience at different Engineering Colleges in Kerala. The current and emerging research in nanotechnology has motivated him to become a full time research scholar at School of Nanotechnology-NIT Calicut. He is working under the guidance of Dr.V.Sajith in the area of “Nano phase change materials for heat transfer applications”. He is very much interested in teaching and likes to get involved with family and friends.

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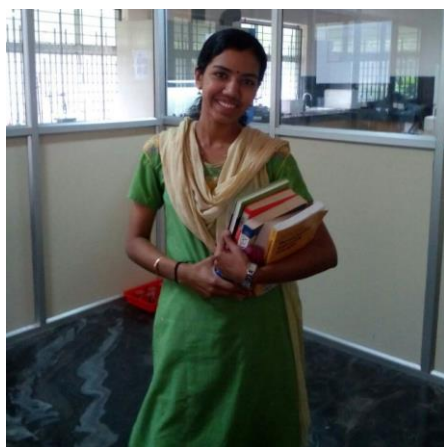
Rahul T K



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The cornerstone of all human technology is that it requires some form of power to drive it. Rahul has been actively involved in developing just this and has conceptualized the hydrogen production by photocatalytic water splitting. He joined for Ph.D. research under the supervision of Dr. N. Sandhyarani in School of Nano Science and Technology in July 2012 after completing an M.Sc. (Tech) Degree in Polymer Science and Technology from Department of Chemistry, NIT Calicut. Rahul is known in our group for his perfectionist approach in research. He has been relentless in his pursuit of perfection just like the inverse opal photonic crystals he researches on. He is passionate about the goal of his work, with very good publications in reputed international journals like *Nanoscale*, *ChemNanoMat*, etc. He has presented five papers at national/international conferences. He enjoys going on long drives in his free time.

Thulasi Radhakrishnan



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The energy crisis and the need for a clean source of energy for all mankind was a factor that kindled the passion of research in Thulasi who is a BSc Chemistry graduate from Providence College Calicut. A gold medalist with avid knowledge of polymer sciences for her post graduate degree, Thulasi specialises in Electrochemical Energy conversion using methanol as a fuel for her research. She is known for her selfless commitment to her work and finds pleasure in spending time with family and close friends.

Arjun Ajith Mohan



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Arjun is a Mechanical engineering graduate with a master's degree in Nanotechnology from SRM University. Realising the potential of nanotechnology in improvising the working of BioFuel cells he joined this group in July 2014. He is involved in the research on green energy and aims to provide green solutions to the world's energy problems. Besides research Arjun enjoys reading books, drawing, writing and travelling.

Biyas Posha



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Biyas joined Dr.Sandhyarani's group as a UGC sponsored candidate in July 2015. Being a Physical Chemistry post graduate from M.G university she has extensive knowledge in spectroscopic and electrochemical techniques. She has chosen nanoparticle conjugated Biosensors as her area of research. Besides being a jovial character she enjoys spending time with her family.

Anish R Nath



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Being a Mechanical Engineering alumnus of Sree Chithra Thirunal College of Engineering, Kerala Anish had a thorough background knowledge of the subject . After a brief stint as an analysis engineer at DSI Technologies he pursued an academic career as an Asst.Professor at a reputed college. The advent of nanotechnology and its applications drew him to opt for a post-graduation in Nanotechnology. Being a gold medallist in his master's batch combined with an enthusiasm for research paved way for him to join as a Research Scholar in Dr.Sandhyarani's group. His main research interests are Electrochemical Energy Storage devices. Besides being a dedicated research scholar Anish finds great fun in travelling and spending time with his family.

Nubla K



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Nubla received her Master's degree in Chemistry from NIT Calicut in 2017 and bagged gold medal for the academic excellence. During her masters, she was awarded CSIR-JRF in 2016 December. With the keenness to be a part of academia, she joined as a PhD candidate in Dr. Sandhyarani's group in July 2017. Her passion in Physical chemistry and a positive thought about the technology for green energy inspired her to pursue the research in Methanol fuel cells and Energy production. Adherence to research, cheerful personality and kindness to the fellow beings distinguishes Nubla in the group. In the leisure time she likes reading and travelling with friends.