

Detailed Resume with listing of Responsibilities discharged and Tasks undertaken.

Name: U. Shripathi Acharya

Designation: Professor and Dean (Research and Consultancy)
Department of Electronics and Communication Engineering,
National Institute of Technology Karnataka (NITK), Surathkal
Mangalore 575025, Karnataka, India.

Contact details:

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Qualifications :

- Ph.D from Indian Institute of Science, Bangalore in the area of Error Control Coding (2004).
Title of Ph.D thesis: Space-Time Block Codes for MIMO Fading Channels from Codes over Finite Fields. Thesis advisor: Prof. B. Sundar Rajan, ECE Department, IISc.
- M.Tech in Digital Electronics and Advanced Communications from K.R.E.C, Surathkal (1992)
- B.E in Electronics and Communications Engineering from Mangalore University (1989).

Total Academic Experience: 30 (Thirty years)

Areas of Interest:

1. Error Control Coding and its applications to Wireless Communication, Storage Systems and Wired Communication.
2. Free Space Optical Communication (both Terrestrial and Under-water).
3. Digital and Analog Communication.
4. Electromagnetic Waves and Radiating Systems.
5. Signal Detection and Estimation
6. Electronic Design leading to socially relevant Products/ Processes.

Current course: Information Theory and Coding (EC 356) (July-November 2021)

Courses taught in the immediate four preceding semesters:

1. Error Control Coding (EC 834) (January -May 2021)
2. Wireless Communication and Networking (CE 731) (August-December 2020)
3. MIMO Communication Systems (EC 832) (January-April 2020)
4. Error Control Coding (EC 834) (July-November 2019)

Undergraduate Major Projects completed under my guidance during the previous academic year (2019-20)

1. Design of a communication model for bidirectional communication between UAV and Ground Station.

2. Design and Implementation of a high speed and robust Underwater Wireless Optical Communication System

Post graduate Major Projects completed under my guidance during the two previous academic years (2020-21)

1. Bluetooth Low Energy Audio (July 2020-July 2021) Work done in Intel India)
2. Design and Performance Analysis of Coding and Modulation Schemes for Improving the Integrity Performance of Underwater Optical Communication Systems. (July 2020-July 2021) (Project work undertaken in NITK, Surathkal).
3. Design and Performance analysis of coding and modulation schemes for improving integrity of data transfer for HAP MIMO channels, (July 2020-July 2021), (Project work undertaken in NITK, Surathkal).
4. BLESS – Blue Tooth Low Energy (BLE) Service Switch characterization (Project work undertaken in NITK, Surathkal).
5. IOT based Agricultural Monitoring using Wireless Sensor Networks and Smart Irrigation Systems for Gardens (Project work undertaken in NITK, Surathkal)

M.Tech (by Research) dissertations completed:

1. Mr. Jignesh Jokakhar D (currently a research scholar at Monash University, Australia)
2. Mr. Amardeep Kumar (currently employed with Qualcomm Technologies)
3. Mr. B. Gopaldaswamy (currently employed with NXP Semiconductors)

M.Tech (By research) Current student:

1. Ms. Praharshitha D. S

She will be working on research problems pertaining to application of Error Control Codes to deep Space Communication and to Information Matrix Fusion in Radar Systems.

PhD dissertations completed: 10

Names of Research Scholars who completed their PhD dissertations under my Supervision:

1. Mr. Ganesh Aithal, Professor, CSE Department, Shri Madhva Vaadiraja College of Technology and Management, Udupi. (I was joint supervisor along with Prof. K. N Hari Bhat, Former Professor, E&C Department, NITK, Surathkal)
Thesis title: Algebraic Structure based on Mixed Radix system and Chinese Remainder Theorem for the generation of Key Sequences and their application to Stream Cipher Systems.
2. Mrs. Rajeshwari Itagi, Professor, E&C Department, KLE Institute of Technology, Belgaum, India. (I was joint supervisor along with Prof. K. P Vithal, EE Department, NITK).
Thesis title: Application of Error correction codes for enhancing data integrity in power line channels.
3. Mr. Prashantha Kumar H, Assistant Professor, E&C Department, National Institute of Technology, Karnataka, Surathkal, India.
Thesis title: Decoding Algorithms for Linear Block Codes Based on Tree Structure and their Applicability to Wireless and Data Storage Systems.

4. Mr. Rajesh Shetty K, Professor, E&C Department, NMAM Institute of Technology, Nitte, Karnataka, India.
Thesis Title: Design and Construction of Algebraic codes for Enhancing Information Integrity in Data Storage Systems.
5. Mr. Lwaa Faisal Abdulameer, Lecturer, Department of Information and Communication Engineering, University of Baghdad, Iraq (I was joint supervisor along with Prof. M. Kulkarni, NITK).
Thesis title: Analysis and Design of Reliable and Secure Chaotic Communication Systems for Optical and Wireless Links.
6. Mrs. Geetha Prakash, Director, Industry Institute Interaction Cell, Global Academy of Technology, Bangalore, India (I was joint supervisor along with Prof. M. Kulkarni, NITK).
Thesis title: Rate-less Codes for Transmission over Free Space Optics using Stochastic models based on Scintillation Theory and their application to Optical Wireless Sensor Networks.
7. Mr. Goutham Simha G. D, Assistant Professor, E&C Department, MIT, Manipal, India.
Thesis title: Design and Implementation of Modulation and Detection strategies for SM – MIMO Systems.
8. Mr. Raghavendra M A N S, Research Engineer, Saankhya Labs, Bangalore India.
Thesis title: Synthesis and Performance evaluation of Codes with Good Rank-Distance properties for Wireless Communications and Information Storage Systems.
9. Mr. Ramavath Prasad Naik, will be joining as a Post-Doctoral fellow in Pukyong National University, South Korea in August 2021 with Prof. Wan-Young Chung.
Thesis Title: Design and Analysis of Reliable Wireless Optical Communication System for Underwater Channels.
10. Ms. Shurthkirthi Godkhindi S, Project Associate, Department of Electronic Systems Engineering, Indian Institute of Science, Bangalore.
Thesis Title: Investigation Properties of Rank Distance Properties of Cyclic, Abelian Codes and study of their Applicability for Error Correction in Wireless Devices

Current Research Scholars:

1. Mr. Saavidhan Shetty C. S (Research Area: Under water Optical Communication)
2. Mrs. Achala Chetan (Research Area: Channel codes in deep space communication)

Institutional Responsibilities:

1. Dean (Research and Consultancy) (December 2018-onwards)
2. Chairman, Institute level NIRF Committee (2019 onwards)
3. Chairman, Institute Committee for recruitment of non-teaching staff (2019 onwards)
4. Chairman, Institute Website Committee (2020 onwards)
5. Chairman, Committee for Revision of Testing and Consultancy Framework (2019-21).
6. Institute Coordinator of the Regional Academic Centre for Space (RAC-S) (2020 onwards)
7. Institute Coordinator of the DRDO Academia Program (2020 onwards)

8. Member and Convener, Committee for creation of Institutional Post-Doctoral Framework (2019-21).
9. Member and Convener, Committee for creation of Framework for Industry supported Certification programs (2020-21).
10. Member and Convener, Committee for creation of Framework for Institute level Software Development (2020-21).
11. Member and Convener, Committee for creation of Framework for Self-Financed Training programs for Institute Revenue Generation (2020-21).
12. Member and Convener, Committee for creation of "Faculty Support for Publications fund" (2019-21).
13. Member and Convener, Committee for setting up Industry supported CoE in NITK, Surathkal (2019-21).
14. Member and Convener, Committee for creation of "Institution Social Responsibility (ISR) Fund" (2020-21).
15. Member and Convener, Committee for creation of Framework for Institutional Consultancy Projects (2020-21).
16. Nodal Officer (Academic) and Co-coordinator of TEQIP-II program at NITK, Surathkal (from August 2010 to March 2017)
17. Nodal Officer (Academic) of TEQIP-III program at NITK, Surathkal (from April 2017 to July 2019)
18. Head, Department of E&C (2016-18)
19. Convener of Institute Convocation Brochure Committee (2015-18)

Sponsored Research Projects handled as Principal Investigator:

1. Project title: "Secure Turbulence Resistant Free Space Optical (FSO) Links for Broadband Wireless Access Networks" funded by Ministry of Information and Communication technology, New Delhi. Project value: Rs. 116 Lakhs.
2. Project title: "Uncoordinated, Secure and Energy Aware Access in Distributed Wireless Networks", (jointly with IIT Bombay, TIFR, Mumbai and NIT Durgapur) funded by Information Technology Research Academy, New Delhi. Project value: Rs. 21.25 Lakhs to NITK, Surathkal.
3. Project Title: Automatic warning Systems for unmanned Level Crossings on Indian Railways, funded by TEQIP-II, NITK, Surathkal. Project value: Rs. 4 Lakhs.

Sponsored Research Projects handled as Co-Principal Investigator:

1. Project Title: "Development of cost effective Radiofrequency ablation system and magnetic hyperthermia equipment for thermal therapies of cancerous tumors" funded by Project IMPRINT, Duration: 2019- 2022, Project value: Rs. 65.0 lakhs, **P.I: Dr. Ajay Yadav**, Associate Professor, Department of Mechanical Engineering, NITK, Surathkal

Consultancy Projects:

1. Single line and Double line Simulators for the Indian railway signaling system. This project was executed for Konkan Railway Corporation (2007-09). (jointly with Prof. Ramesh Kini)
Consultancy value: Rs. 1.92 Lakhs
2. Technical Support to Public sector banks in the procurement of Currency note sorting machines. (Multiple assignments since 2010): Under these assignments, I (along with Prof. Laxminidhi T) have provided complete support to public sector banks (Syndicate Bank, Corporation Bank and Vijaya bank) during the process of procurement of Currency note machines. We have assisted the banks in the framing of technical specifications for the machines, formulating procedures for testing to ensure that the functioning of the machines is in accordance with the regulations framed by the Reserve Bank of India and carrying out the various tests to qualify machines offered by various vendors.
Consultancy value: In excess of Rs. 70 lakhs since 2010

Product development for meeting Societal needs:

1. Design of an accurate system for measurement of moisture level in raw cashew seeds
(Jointly with Kalbavi Cashews, Mangalore):
In this assignment, we are working along with Kalbavi Cashews, to development an accurate, portable and rugged instrument to measure the moisture content in raw cashew seeds that are procured from the farmer by the Cashew Industry. This is designed to quickly and accurately determine the average moisture content in a sample of raw cashew seeds. It will aid the industry in weeding out poor quality seeds and enable farmers supplying good quality cashew seeds to obtain a higher price for their produce. The instrument has been designed and two prototypes are undergoing field tests.
(Co-investigators: Prof. Laxminidhi T, Professor E&C Department and Mr. Kalbavi Prakash Rao, CEO, Kalbavi Cashew Works)

Outreach Activities to Government Agencies/ Police force:

1. Technical member of Tender evaluation committee (along with Prof. Laxminidhi T) for inspection of CCTV components procured for installation in Naxal affected districts.
2. Coopted as Technical Member of the Committee formed to assist the Anti-Terrorist Squad, Bangalore in technical evaluation of tender pertaining to the procurement of hand- held communication systems for the Karnataka ATS. (jointly with Prof. Laxminidhi T)
3. Coopted as Technical Member of the Committee constituted by the District Commissioner, Udupi district to evaluate GPS systems deployed to check illegal mining of sand. (jointly with Prof. Laxminidhi T)
4. Member of the team (along with Prof. Laxminidhi T) tasked by the District Commissioner of Udupi District with the responsibility of evaluating the accuracy of GPS systems installed in boats and lorries used for mining sand in Udupi district. (2018-20)

5. Was appointed as a technical member of the committee responsible for framing the tender for networking of Emission Testing Centers by the Transport Department, Government of Karnataka. (2018-19)

Research contribution: (Only papers published since 2017 are listed in the first list. Older papers are presented in the second list below).

Journal Papers:

1. Goutham Simha G.D, Shriharsha K, Neha .N, Raghavendra M.A.N.S and U.Sripati, "Redesigned Spatial Modulation for Spatially Correlated Fading Channels", Springer Wireless personal communications, Volume 97 Issue 4, pp 5003-5030 (2017). (SCI).
2. Goutham Simha G.D, Shriharsha K, Raghavendra M.A.N.S and U.Shripathi Acharya, "A comprehensive framework for Double Spatial Modulation under imperfect channel state information", Elsevier Physical Communication, Volume 25 Part 2, pp 519-526 (2017). (SCI).
3. Goutham Simha G.D, Raghavendra M.A.N.S, Shriharsha K and U.Shripathi Acharya, "Signal Constellations Employing Multiplicative Groups of Gaussian and Eisenstein Integers for Enhanced Spatial Modulation", Elsevier Physical Communication, Volume 25 Part 2 pp 546-554 (2017). (SCI).
4. Raghavendra. M.A.N.S, U. Shripathi. Acharya, "Non-orthogonal space-frequency block codes from cyclic codes for wireless systems employing MIMO-OFDM with index modulation", Physical Communication (2019).
5. Prasad Naik Ramavath, Amardeep Kumar, Shrutkirthi Shashikant Godkhindi, U. Shripathi Acharya, "Experimental studies on the performance of Underwater Optical Communication link with channel coding and interleaving", CSI Transactions on ICT, Springer, 2018, pp. 65-70.
6. Godkhindi Shrutkirthi S., Goutham Simha G.D., U. Shripathi Acharya, "Spatially Modulated Non Orthogonal Space Time Block Code: Construction and design from cyclic codes over Galois Field", Elsevier, Physical Communication, June 2019.
7. Raghavendra. M.A.N.S, U. Shripathi. Acharya, "Index modulation aided multi carrier power line communication employing rank codes from cyclic codes", Physical Communication vol. 39 (2020).
8. Ramavath, P. N., Udupi, S. A., & Krishnan, P. (2020). High-speed and reliable Underwater Wireless Optical Communication system using Multiple-Input Multiple-Output and channel coding techniques for IoUT applications. Optics Communications, 461, 125229. (Journal)
9. Ramavath, P. N., Udupi, S. A., & Krishnan, P. (2020). Experimental demonstration and analysis of underwater wireless optical communication link: Design, BCH coded receiver diversity over the turbid and turbulent seawater channels. Microwave and Optical Technology Letters, 62(6), 2207-2216. (Journal)
10. Ramavath, P. N., Acharya, U. S., & Krishnan, P. (2020). Co-operative RF-UWOC link performance over hyperbolic tangent log-normal distribution channel with pointing errors. Optics Communications, 125774. (Journal)

11. Ramavath, P. N., Acharya, U. S., & Suyan, N. K. (2020). Experimental Evaluation of Reliable Underwater Optical Communication in the Presence of Turbulence and Blockage. In *Optical and Wireless Technologies* (pp. 75-83). Springer, Singapore.

Research contribution (Older papers):

1. Abdulameer, L.F., Jignesh, J.D., Sripathi, U., Kulkarni, M, ``BER performance enhancement for secure wireless optical communication systems based on chaotic MIMO techniques'', (2014) *Nonlinear Dynamics*, 75 (1-2), pp. 7-16.
2. Abdulameer, L.F., Jokhakar, J.D., Sripathi, U., Kulkarni, M, ``BER Performance Enhancement for Secure Wireless Communication Systems Based on DCSK-MIMO Techniques under Rayleigh Fading Channel'', *Radioelectronics and Communications Systems*, 2013
3. Lwaa Faisal Abdulameer, Jokhakar Jignesh D, U. Sripathi and Murlidhar Kulkarni, ``Anti-Jamming Performance of Communication Systems based on Chaotic Modulation and MIMO schemes over AWGN Channels, *European Journal of Scientific Research*, Vol.102, Issue pp.462-473, May 2013
4. Prashantha, K.H., Vineeth, U.K., Sripathi, U., Rajesh, Shetty .K., ``Performance analysis of stack decoding on block coded modulation schemes using tree diagram (2012) *Radioelectronics and Communications Systems*, 55 (8), pp. 349-359.
Prashantha Kumar, H., Sripathi, U., Shetty, K., Shankarananda, B., ``Enhancing the error-correcting capability of imai-kamiyanagi codes for data storage systems by adopting iterative decoding using a parity check tree'', *IETE Journal of Research*, 58 (4), pp. 272-278.
5. Kumar, H.P., Sripathi, U., Shetty, K.R., ``High-speed and parallel approach for decoding of binary BCH codes with application to Flash memory devices'', (2012) *International Journal of Electronics*, 99 (5), pp. 683-693.
6. Rajesh Shetty, K., Ramakrishna, K., Prashantha Kumar, H., Sripathi, U., ``Design and construction of BCH codes for enhancing data integrity in multi level flash memories (2012)'', *International Journal of Information and Communication Technology*, 4 (1), pp. 40-60.

International Conference Papers (Selected list):

1. Goutham Simha G.D, Shriharsha K, Raghavendra M.A.N.S, and U.Sripathi Acharya, ``Modified Signal Design for Multistream Spatial Modulation over Spatially Correlated Channels'', published in *Proceedings of the 6th IEEE "International conference on Advances in Computing, Communications and Informatics"* Manipal Institute of Technology, Manipal, Karnataka, September 2017.
2. Raghavendra M A N S, Goutham Simha G.D and Udipi Sripathi ``Abelian codes over Eisenstein-Jacobi integers for MIMO systems'' 2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI).
3. M. A. N. S Raghavendra, Goutham Simha G.D and U. Sripathi Acharya ``Non-orthogonal full rank space-time block codes over Eisenstein-Jacobi integers for MIMO systems'' 2017 4th International Conference on Electronics and Communication Systems (ICECS).
4. Godkhindi Shrutkirthi S., Goutham Simha G.D and U. Sripathi Acharya ``Performance of SM-NSTBC for correlated HAP fading channels with Imperfect-CSI'', Accepted for

presentation at MNIT Jaipur (2019). "3rd International Conference on Optical & Wireless Technologies (OWT 2019)".

5. Godkhindi Shrutkirthi S., Goutham Simha G.D and U. Shripathi Acharya "A MIMO SM-NSTBC scheme for High Altitude Platform communication systems: Study and Analysis", Accepted for presentation at 6th IEEE International Conference on Signal Processing and Integrated Networks (SPIN 2019) 7 - 8 March 2019.
6. Ramavath Prasad Naik, Amardeep Kumar, U Shripathi Acharya, "Experimental Studies on Performance of Optical Communication Links for Seawater Employing Channel Coding, Interleaving and Diversity Techniques", International Conference on Sonar Systems and Sensors (ICONS-2018), Feb 22-24, 2018.
7. Ramavath Prasad Naik, U Shripathi Acharya, Nitin Kumar Suyan, "Experimental evaluation of Reliable Underwater optical communication in the presence of turbulence and blockage", International Conference on Optical and Wireless Technologies (OWT-2019), March 16-17, 2019.
8. D.S.L Praharshita, Bethi Pardhasaradhi, Pathipati Srihari, U. Shripathi Acharya and G.V. K Sharma, "High Frequency and Low Latency DSP Architecture for Information Fusion Matrix Fusion", accepted for publication in IEEE CONNECT 2021.

Patent granted: M Shankaranaryana Bhat, Udipi Shripathi, Omprakash M Sringeri, "Alternative means for Conductor based short distance signal / Data transfer", Indian patent number 301828

Guest Lectures Delivered (2018-19):

Have served as the single resource person in a two day faculty training workshop on "Electromagnetic Waves" at Vivekananda College of Engineering and Technology (VCET), Puttur held on 24th and 25th July 2018.

Short Term Courses Organized (2018-19):

Have organized a two day workshop on "Design, Integration and Tracking of Small Satellites in 2020 and beyond" held on 28th February and 1st of March 2019 at NITK, Surathkal.

Concluding Remarks:

I have been working continuously in NITK since November 1992. During this period, I have occupied the positions of Lecturer (Under contract, World Bank Project IMPACT, 1992-95), Lecturer (Regular position 1995-2000), Senior Lecturer (2000-2005), Assistant Professor (2005-08), Associate Professor (2008-12) and Professor (2012-onwards). I was working as a research scholar (working towards my PhD) in the ECE department (under the guidance of Prof. B. Sundar Rajan) at the Indian Institute of Science (IISc) during 1999-2004. I have taught a large number of courses ranging from Analog Electronics, Linear Integrated Systems, Electromagnetics, Antennas and Wave Propagation, Signal Detection and Estimation, Wireless Communications and Networking, Analog and Digital Communication, Error Control Coding, MIMO Wireless Communication, Information Theory and Mathematics for Communication Engineering at UG and PG levels. I have contributed to the set-up of the Communication Laboratories (both UG and PG) and Linear Integrated Circuit Laboratory (UG). I have served on the Departmental UG, PG and

Research Committees. I have served as the faculty member in charge of Telecommunication in the institute. I have guided a large number of UG projects (more than 100) and PG projects (more than 50). Ten research scholars have obtained their PhD degree under my supervision. I and my research scholars have conducted research work in the domains of Stream Cipher Systems, enabling error free data communication over power lines, error control in storage devices, design and analysis of Non-Orthogonal Space Time Block codes for Wireless Channels, design of channel codes and diversity schemes for Free Space Optic Channels (both terrestrial and under water). The results obtained by these research scholars has resulted in a number of Scopus indexed journal publications and one Indian patent. I have served as Nodal Officer (Academic) of TEQIP-II and TEQIP-III programs successively since August 2010 to November 2018. In this capacity, I have worked to advance the various objectives of the TEQIP programs including conduction of workshops, institute wide summer schools, facilitating recruitment of HTTAs, PGRAs, administering TEQIP supported academic initiatives such as facilitating research interaction between faculty members in NITK and Universities abroad, peer learning initiatives and many other administrative tasks. I have served as the Head of the Electronics and Communications Department from 2016 to 2018 and am currently serving as the Dean (Research and Consultancy) at NITK, Surathkal. In this position, I am striving to improve the Research and Consultancy profile of the institute. The following tasks leading to improving the Research and Consultancy profile of the Institute have been completed during my tenure (which will continue till November 2021)

- **Creation of Institute Post-Doctoral Framework:** NITK will offer fully funded 10 Post-Doctoral positions from the Academic Year 2021-22 to research scholars possessing PhD degree to carry out post-doctoral research work. This framework was created under my supervision.
- **Creation of the Regional Academic Centre for Space (RAC-S) in NITK, Surathkal.** This facility will provide a platform for faculty members to submit proposals for research projects of relevance to the Indian Space Research Organization (ISRO). Funded research projects of up to Rs. 2 crores (20 million) per year can be availed of by faculty members of the Institute. Faculty members from other institutes from the Southern states of India can also propose projects in collaboration with faculty members of NITK under the auspices of this center.
- **DRDO-Academia Program:** The purpose of this program is to foster collaboration between the laboratories of DRDO and academic institutions in the creation of defense and dual use technologies. NITK, Surathkal has been partnered with Aeronautical Development Agency (ADE) under this program. A provision for ten research scholars from NITK, Surathkal to carry out research work of relevance to ADE has been made under this program. A number of faculty members across departments of NITK, Surathkal have indicated their willingness to participate in this progr
- **Chairman, Committee for Revision of Testing and Consultancy Framework (2019-21):** The Testing and Consultancy framework of the Institute was completely revised and a number of provisions were added to empower faculty members seeking to undertake consultancy projects from Indian Industry, Government agencies and Companies registered abroad. This has resulted in a 40% increase in the Consultancy revenue earned by the Institute in FY 2020-21 as compared to FY 2019-20.

- **Chairman, Institute level NIRF Committee (2019 onwards):** I have been serving as the Chairman of the Institute level NIRF Committee since July 2019. During this period our committee has strived hard to collect all relevant information and present it appropriately. Our efforts have resulted in the Institute rank improve from 21 to 13 in Engineering rankings and from 53 to 33 in Overall rankings.
- **Chairman, Institute Committee for recruitment of non-teaching staff (2019 onwards):** NITK will be issuing a call for recruitment of non-teaching staff in the immediate future (August 2021). I have been designated as the committee responsible for scrutiny of the applications, setting of syllabus and conduction of the Skill/ Physical test and the Written Technical test. We have started the preparation for conducting this exercise.
- **Member and Convener of Committees for creation of Framework for Industry supported Certification programs (2020-21, for creation of Framework for Self-Financed Training programs for Institute Revenue Generation (2020-21):** As a member and convener of these committees, I have prepared the basic draft document for discussion in the meetings. I have led the discussions and compiled the final document after the conclusion of all discussions. All of these frameworks were approved by the Board of Governors of NITK, Surathkal on March 03, 2021. These frameworks have been created to facilitate the conduction of high value certification programs (with Industry collaboration) and training programs in NITK, Surathkal.

During my tenure as Dean (R&C), I have strived to improve the Research and Consultancy profile of NITK, Surathkal. I have guided and supported many faculty members in their efforts to secure funded Research and Consultancy projects. The efforts put in by Faculty members has resulted in a steady improvement in the number and value of funded Research and Consultancy projects acquired, number of papers published in Scopus indexed journals and in the number of citations over the past three years. Our NIRF ranking has improved from 21 to 13 (in Engineering rankings from 2019 to 2020) and the Institute has shown improvement in almost all parameters associated with the NIRF ranking exercise consistently over the past two years. It will be my endeavor to serve NITK, Surathkal in its quest to constantly improve upon its past performance and be consistently ranked as one of the best Institutes in India for technical education.

(U. Shripathi Acharya)

27th July 2021