

NAME: Dr.SHIVASHANKAR

Designation: Professor and Head of the Department

Department: Electronics and Communication Engineering

Sri Venkateshwara College of Engineering,

Vidyanagar, Bengaluru - 562157



| Sl. No | Particulars | Details | | |
|--------|---------------------------|--|--|---------------------------------|
| 1 | Educational Qualification | Degree | University | Specialization |
| | | B.E. | Mysore | Electronics and Communication |
| | | M. Tech | V.T.U. | Computer Networking Engineering |
| | | Ph.D. | V.T.U. | Wireless Communication |
| 2 | DOB | 21-02-1979 | | |
| 3 | Work Experience | Teaching | 19 Years | |
| | | Research | 6 Years | |
| | | Industry | 1 Year | |
| 4 | Area of Interest | Wireless Ad Hoc & Sensor Networks and Cognitive Radio with emphasis on Design & Analysis of MAC and Routing Protocols. Cross Layer Design and Cooperative Diversity Schemes to Design & Analysis of MAC and Routing Protocols. | | |
| 5 | Subjects Taught | UG | 1. Digital Signal Processing 2. Computer Networks 3. Advanced Embedded Systems 4. Wireless Communication 5. Data structure with Object Oriented Programs 6. Microcontroller 7. Adhoc Networks Digital Image Processing | |
| | | PG | 1. Computer Networks 2. Advanced Embedded Systems 3. Wireless Communication | |
| 6 | Research Guidance | Masters | 12 | |
| | | Ph.D. | 08 | |
| | | Ph.D. produced | 04 | |
| 7 | Awards | <ul style="list-style-type: none">• EXECOM MEMBER IEEE COMPUTER SOCIETY• Young Scientist Award by VGST-5Lakhs• InSc Research Excellent Award-2019 | | |

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|----|---|---|--|-----------------------|---------------|-----------------|
| | | <ul style="list-style-type: none"> InSc Research Excellent Award-20120 | | | | |
| 8 | Patents Applied | 04 | | | | |
| 9 | Publications | International Journals & Conferences | National Conferences | Book Chapters | | |
| | | 102 | 05 | 04 | | |
| 10 | Grants Received | Rs. 2,67,75,690 /- | | | | |
| 11 | Guest lectures | 08 | | | | |
| 12 | Workshops Organized | 46 | | | | |
| 13 | Professional Body Membership | <ol style="list-style-type: none"> IEEE (Computer Society of India)-92622756 MIET IEI – AM16619619 MISTE Cryptology Research Society of India (L/0349) | | | | |
| 14 | Responsibilities | <ul style="list-style-type: none"> Member – Interdisciplinary Research Committee Coordinator, TEQIP-II, Member, Board of Studies (BOS), Member, Board of Examiners, (BOE), Mentor RPRC coordinator Workshop/FDP/Conference coordinator NBA Co-ordinator | | | | |
| 15 | Contact Number | +91-9844759456 | | | | |
| 16 | Email-Id | hodec@svcengg.edu.in chenduss123@gmail.com | | | | |
| 17 | Portal | https://scholar.google.com/citations?user=j6HzbQMAAAJ&hl=en | | | | |
| 18 | Funds Received for Research / Events | Project Title and reference No. | Project Type Research / Consultancy | Funding Agency | Amount | Duration |
| | | Innovation Challenge IC#2 Off Grid Access to Electricity. Intelligent Off Grid System for Energy Sustainable Village F.No. DST/TMD/MI/OGMI/2018/11(G) | Research Fund | DST 2018-19 | 2,40,87,557/- | 2 years |
| | | AICTE Prerana Project for SC/ST | Research | AICTE | 10,00,000/ | 2 Years |

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|--|--|---------------|---------------|-------------|----------|
| | Students Development | Fund | 2018-19 | | |
| | MODROBS- Modernization of Cloud radio Access Networks Applications Laboratory for 5G Networks. | Research Fund | AICTE 2018-19 | 20,00,000/- | 2 Years |
| | AICTE Samrudhi project | Research Fund | AICTE 2019-20 | 2,200,000/- | 2 Years |
| | AICTE- STDP | Research Fund | AICTE 2019-20 | 15,50,000/- | 2 Years |
| | Faculty Training for Student Induction Programme | Consultancy | AICTE | 1,67,000/- | 3 Days |
| | Design and Implementation of peltire based solar powered air conditioning & water heating system. | Research Fund | VTU | 9,000/- | 6 Months |
| | Low cost heart monitoring system using Embedded system. | Research Fund | KSCST | 6000/- | 6 Months |
| | Low Cost Smart Antennas for High Performance Wireless Communications. F.No. SMYSR-2016-17/GRD-611-2017-18/93/362/1 | Research Fund | VGST | 5,00,000/- | 1 year |
| | Plant To Reuse Water Using Sensor Technology | Research | KSCST | 7,000/- | 6 Months |
| | EDP Ref:EDII / DST – NIMAT / 17 / 18 / 168 | Research | DST | 20,000/- | 3 Days |
| | Project Development and Implementation using ROSPERPY F.NO. 7-97/RIFD/SG/POL-1/2016-17 | Research | AICTE | 1,00,000/- | 3 Days |
| | Advances and Developments with EDA tools in Embedded and Communication Design for Researchers F.NO. 6.66/RIFD/FDP/Policy-1/2016-17 | Research | AICTE | 4,75,000/- | 2 weeks |