

Staff Profile



1. **Name:** Mrs. K. Krishnaveni Muthusamy
2. **Designation:** Assistant Professor & HOD
3. **DOB:** 01.10.1977
4. **Gender:** Female
5. **Cell No.:** 9790426602/9488552164
6. **Email ID:** krishnavenikumar77@gmail.com
7. **Session:** Evening Section
8. **Date of Join:** 16.06.2004
9. **Earlier Experience:** Arivalayam Matriculation and Higher Secondary School, Raj Matriculation and Higher Secondary School (July to October 2000, 04.06.2003-24.04.2004)
10. **Total teaching Experience:** 13 years 06 months
(A. V. C. College (Autonomous), Mannampandal, Mayiladuthurai)
11. **Community:** OBC/ BC Hindu-Yadava
12. **Address:** 34, Anbu Nagar, Memathur-(PO), Tranquebar-(TK), Nagai-(DT)
13. **Educational Qualifications:** M. Sc., M. Phil, DCA.
 - Did in Electronic Science at A. V. C. College (Autonomous), Mannampandal, recognized by Bharathidasan University on April 1998 and secured First Class 73.10%
 - Did M. Sc in Electronic Science at A. V. C. College (Autonomous), Mannampandal, recognized by Bharathidasan University on April 2000 and secured First Class 71.94%
 - Did M. Phil in Physics at T. B. M. L. College, Porayar Affiliated by Bharathidasan University on December 2003 and secured First Class 75.60%
 - Did Diploma DCA at C Info-Soft Computer Centre on November 2005 and secured First Class 80%
14. **Ph. D Registered:** Wireless Smart Sensors Based Device for Specially Abled Persons
[(Ref.No.04538/Ph.D.K2/Physics/Part-Time/July 2017/ Date: 10.07.2017)]
15. **Orientations/ Refresher courses attended – 02**
 1. Attended in orientation course entitled as “Personality Development and Soft Skills” from 1.8.08 to 3.8.08 at A. V. C. College (Autonomous), Mannampandal.
 2. Attended in General Orientation Course on 25.6.17 at A. V. C. College (Autonomous), Mannampandal, Seminar Hall.
16. **Conferences attended – 09**
 - National conference: 05**
 1. **Attended two days National conference on “Recent Trends in Electronics 2018”** on 8.1.18 and 9.1.18 at St. Joseph Arts and Science College, Trichy
 2. **Attended a National Conference on “Emerging Trends in Material Science”** (NCETMS-2018) at Erode Arts and Science College at Erode -638009, Organized by Department of Physics, Chemistry and Electronics on 7.2.18
 3. **Attended a National Conference on “Recent Trends in Communication, Computation and Signal Processing (NCCCSP-18)** at Karpagam University,

Coimbatore, Organized by Department of Electronics and Communication Systems on 1.3.18

4. **Attended a National Conference** on “Recent Advancements in Nanotechnology RAN-2018” organized by Department of Chemistry held on September 19th and 20th 2018, National Institute of Technology Puducherry, Karaikal-609609.
5. **Attended a National Conference** on “Recent Trends in Electronics” (NCRTE-2019) Organized by Department of Electronics and Communication, Selvamm Arts and Science College (Autonomous), Namakkal held on 20th Feb 2019

International: 05

1. Attended **International Colloquium** Bio Vision '09 on 2.4.09 at R. V. S. Arts & Science College at Karaikal.
2. Attended two days **International conference** on Recent Advances in Applied Physics ICRAAP-2017 at Annamalai University Chidambaram, organized by Engineering Physics Section from 21.9.17-22.9.17
3. Attended **International Conference** on Nano -A New World of Science, School of Science Vidyasagar Woman's College, Chengalpattu on 22.9.17, Presented Paper title Applications of Nanotechnology in water and Air Pollution Treatment-Review
4. Participated an 5th **International Conference** on Nano Science and Nano Technology (ICONN 2019) from 28.1.19 to 30.1.19 at SRM Institute of Science and Technology, Kattankulathur, Chennai, organized by Department of Physics and Nanotechnology in association with Shizuoka University, Japan, National Chiao University, Taiwan, GNS Science, New Zealand, CSIR-National Physical Laboratory India, Asian Consortium on Computational Material Science and the Institution of Engineering and Technology Co-Sponsored by Science and Engineering Research Board (DST-SERB), India
5. Attended **International Conference** on values and spirituality for overcoming challenges organized by Rajyoga Educaiton and Research foundation (Education Wing), Brahma Kumaris, Mount Abu from June 8th & 9th 2019 at Shastri hall, Annamalai University

17. Seminars Attended - 18

1. Attended UGC sponsored seminar in “**Digital signal processing**” from 13.3.99 & 14.3.99 at seminar hall of A.V.C.C
2. Attended seminar “**Digital signal processors & VLSI Design**” on 19.2.05 at Velayutham hall of A.V.C.C
3. Attended seminar “**Blue Tooth Technology**” on 18.2.08 at seminar hall of A.V.C.C Poly Technic College
4. Attended seminar “**Introduction to Nanotechnology and Applications**” on 5.1.09 at Seminar hall of A.V.C.C
5. Attended seminar “**PCB Designing**” on 8.7.09 at seminar hall of A.V.C.C
6. Attended seminar “**Real time application of Microcontroller & Embedded System in industry**” on 24.12.10 at A.V.C.C, Dept of E/s Lab
7. Attended UGC sponsored Seminar on “**Programmable Logic controller**”, Organized by Department of Physics & Electronic science, AVC College (Autonomous) dated 29/9/05

8. Attended Seminar on “**Optical Fiber & Networks**”, organized by Department of Physics & Electronic science, AVC College (Autonomous) at seminar hall of A.V.C.C
9. Attended guest lecture “**Latest Trends in Industries**” on 23.8.06 at seminar hall.
10. Attended guest lecture on “**Wireless communication**” on 08.03.11 at Seminar Hall.
11. Attended guest lecture on “**Setting Scientific Questions for objectivity**” on 16.09.11 at Velayutham hall.
12. Attended guest lecture on “**Recruitment Opportunities**” was organized by Department of Electronic Science at Seminar Hall on 2/3/13
13. Attended Guest lecture on “**PLC - Programming**” on 21.10.2013 at Seminar hall A. V. C. College
14. Participated in Guest lecture on “**Role of Indicators and Controllers in Industrial Applications**” from 10-2 PM at Zoology seminar hall on 29.09.14
15. Participated in Guest lecture on “**Role of Embedded Systems in Wireless Communications**” on 31.07.15 between 1-4 PM in the College Seminar Hall
16. Participated in Guest lecture topic entitled “**Wireless Communication**” on 24.2.17 1- 3.40 PM at A. V. C. College Seminar Hall.
17. Attended one day Seminar on Quality Research and Publications organized by the Centre for Research, Manonmanium Sundaranar University, Tirunelveli for the Ph. D Supervisors and Scholars on 7th December 2018
18. Attended oneday **International Seminar** on “Green Technology and IOT” at Justice Basheer Ahmed Sayed College for Women on 07.08.19 Organized by Department of Electronic and Communication

18. **Workshops Attended** – 19

National: 04

International: 04

1. UGC Aided workshop attended in the topic “**Office Automation Tools**” From 1.3.08 to 2.3.08
2. Attended UGC aided workshop on “**CBCS and Examination reforms**” on 09.02.11 at IGNOU Room
3. IQAC work shop attended at seminar hall of A. V. C. College (Autonomous)
4. Attended UGC assisted “**Workshop on Embedded Systems**” on 21.09.11 at Seminar hall.
5. Attended UGC aided Workshop on “**Setting Question Bank for Part-A Questions**” On 26.12.11&27.12.11 at our college Velayutham hall organized by COE.
6. Attended UGC assisted workshop on “**E Content Development**” from 22.8.12-25.8.12 to zoology seminar hall organized by IQAC.
7. Member BOS Electronics (UG&PG), BARD, participated in the exclusive workshop for members of BOS on “**Reform of UG and PG Curriculum for enhancing Employability**” organized by Curriculum Development Cell on 22.3.13 at Bharathidasan University, Trichy.
8. Attended “**PART A Question Bank**” workshop on 7.5.13 & 8.5.13 at A. V. C. College.
9. Attended “**Question Bank workshop**” and Academic Auditing held at Dept. of E/S on 1.10.14 between 10 AM to 4 PM

10. Attended IQAC and R&D organized UGC sponsored one day workshop on **“Scientific Writing”** between 10-5 PM at College Seminar hall on 11.10.14
11. Attended **“Philips 8051 / 89C51 Microcontroller Programming”** workshop on 18.02.16 between 10-6 PM in the Zoology Seminar Hall.
12. Participated one day **National Workshop** on **“Solar PV System Design”** at Justice Basheer Ahmed Sayed College for Women on 22.8.17 Organized by Department of Electronic and Communication and Department of Physics
13. Participated one day **National Workshop** on **“Mobile Application Development Using Android SDK”** held at Department of Electronics and Communications Systems Karpagam University, Coimbatore on 7.9.17
14. Participated one day **National Workshop** on ‘Plagiarism, Reference Management Tools and Swayam’ held on October 2018 organized by Library and Knowledge Centre, PKIET, Karaikal.
15. Participated two day **National Workshop** on **“GO Solar”** conducted by Robokart and Innovative Cell IIT Bombay organized by PG and Research Department of Physics and Electronics of Seethalakshmi Ramaswamy College, Tiruchirappalli from 15.2.19 to 16.2.19

International Workshop: 04

1. Attended Two Week ISTE Workshop on **“Solar Photovoltaics: Fundamentals, Technologies and Applications”** from 12.12.11 to 22.12.11 at Amrita Vishwa Vidyapeetham, Coimbatore.
2. Attended two days ISTE workshop on **“Writing effective conference papers”** Conducted by IIT Bombay held at Sastra University, Thanjavur on 18.2.12 and 19.2.12.
3. Participated two day **International Workshop** on **“Materials Technology and Applications”** 11-12 October 2018 held at Vellore Institute of Technology, Vellore
4. Participated one day **International Workshop** on Recent Advances in Electronics – IWRAE 2019 Organized by Department of Electronics, St. Joseph’s College (Autonomous), Tiruchirappalli held on 9th March 2019

19. Training programs attended-03

1. **“Soft Skills”** In Service training program attended from 17.1.09 to 18.1.09 at A. V. C. College.
2. Attended two day training program for **“ Handling Audio Visual Equipments”** such as Podium, Waist belt Amplifier, Portable Wireless Public Administrative (PA) Amplifier, Visualiser, IQ Board operations with smart sensors and pen (hardware and Laser), Collar microphone at Zoology Seminar Hall on 17/5/12 & 18/5/12 in our college.
3. Attended training program for **“Multimedia Tools”** on 15/10/12, 17/10/12, 18/10/12 at CS lab of A.V.C.C.

20. Faculty Development Program:04

1. Attended Faculty Development Program on 02.02.2013 at A. V. C. College (Autonomous), Mannampandal, Seminar Hall.
2. Attended Faculty Development Program **“Personality Development”** on 11.3.13 at A. V. C. College (Autonomous), Mannampandal, Seminar Hall.

3. Attended Faculty Development Program I organized by IQAC and A.V.C.College (Autonomous),Mannampandal from 13.6.19-15.6.19 and Faculty Development Program II is conducted on 22.6.19 by train the faculty based on ICT tools and E-Learning

21. Symposium Participation:01

1. Participated in Two day **National level** symposium on Emerging Trends In Science and Technology 1st and 2nd March 2019 Organized by PG and Research Department of Electronics and Communication Systems Hindusthan College of Arts and Science (Autonomous) Coimbatore.

22. Alumni Talk: 04

- Attended in Alumni talk topic entitled “Modern Industrial Automation” with Alumni Mr. A. Satheesh Madavan, Technical Head, i-Max IAT, 41/A, J B Tower, Melachinthamani, Near Chatiram Bus Stand, Thiruchirappalli-620 002 on 27.09.16 from 12-1 & 1-2 PM
- Attended in Alumni talk topic entitled “Wireless Communication” on 24.2.17 3.40-5.15 PM at A. V .C. College Seminar Hall Mr. K. Muralidharan resource person and our Alumni addressed.
- Attended in Alumni talk topic entitled “Placement in Electronics” by Alumni Mr. S. Mohammed Ali, Networking Engineer, AAA Enterprises, Ponamalle, Chennai from 2.50-3.40 on 13.7.17
- Attended in Alumni talk topic entitled “Placement in Electronics versus IT” by Alumni Ms. T. Subasri, Intelnet Global Service, Ambit IT Park, Ambattur on 5.8.17 from 1-2 PM in Department of Electronic Science Lab
- Attended in Alumni talk topic entitled PLC Automation by Mr. M. Saisatheesh, Mr. K. Vignesh working in Hyundai Glovis, Sriperumputhur, Chennai shared their experience regarding placement 14.9.18

23. Other Positions Held in AVC College:

1. Member in Sports council from 2006 to 2007
2. Member in BOS from 16.6.06 onwards
3. Member in Stock verification for Zoology Dept., 2006 to 2007, Stock verification convener visual communication Dept. 2011-12, Stock verification convener to Bio Technology Dept. 2012-13, Stock verification convener visual communication Dept. 2014-15, Stock verification Member 2015-16 NSS Dept., Stock verification member to library 2016-17, Dept. of Microbiology 17-18, Dept. of Physics-18-19
4. Member in Exam Committee from 16.6.08 to May 2014
Seating committee (2008-09 End semester only)
Dispatch committee (2008-2011)
Packing committee (2011-12)
Time table committee (2010-12)
Central valuation committee (2010-12)
Supplementary Examination committee (2010-12)
5. Moderation Board Member 23.05.12 onwards

6. Hall superintendent 2007 to 2009,2011-12 (B. Ed examination, TNPSC Examination)
7. Member in Admission committee 2008 onwards
8. Member in Staff Club from 16.6.08 to 16.6.09
9. Member in Counseling committee 2008 onwards
10. Member in Campus Discipline Committee 16.6.08-16.6.09
11. Member in Anti- Tobacco committee 16.6.09 May 2014
12. Member in Award committee 2010 onwards
13. Member in Academic council 2010 onwards
14. Member in Staff council 2010 onwards
15. Member in Curriculum Development Cell 20.6.10 onwards
16. Member in Entrepreneurship council member 2011-13
17. Member in Vigilance committee 2011- May 2014
18. Member in Internal Examiner for both UG & PG (Practical, Theory) 2007 onwards
19. Member in Activity Review Committee 2008 onwards
20. Member in Chairman for BOS & PG valuation 2010 onwards
21. Member in Attendance committee 2007-10
22. Member in Workload maintenance 2008 -17
23. Industrial visit- member
 - Accompany our II PG students visited “NLC Mines & Thermal power Station” at Neyveli on 15.11.2005.
 - Accompany our III UG & II UG students (40) visited “Hill Electronics”, Cochin and ISRO, Trivandrum during 21-01-2007 to 26-01-2007.
 - Along with our I M. Sc Students myself and three staff members visited power house of our college on 29.01.08 (Organized by me 02)
24. Member in Planning and Evaluation Committee 2012-18
25. Member in Diamond Jubilee Committee 2015-16
26. Acted as a Judge & Resource Person Nov’2009
27. Exhibition committee : i) Golden Jubilee Exhibition (2004-05)
ii) Open house exhibition (2008 & 2010)
28. Tutor:
 - II (ES) U04 2901-07, 51-59 (16 students)
 - II M. Sc (ES) P06 7501-07, 7509, 10, 7525-27, 29, 32-36 (17 students)
 - II M. Sc (ES) P087501-06, 26-27- (08 students)
 - I M. Sc (ES) P107501-06, 08-14, 26-32 (20 students)
 - I M. Sc (ES) P177501-20, 26-32(09 students)

24. Positions Held in Other Institutions:

Awards and Recognition:

Ref. No.5832/D5/2006 Date 24.11.2006 was received Qualification Approval from Bharathidasan University.

Research Adviser for guiding Research Scholars M. Phil Degree in Electronic Science for the Bharathidasan University

Ref No.36557/R.A/M. Phil/Physics/2007/ Date 27.12.2007

25. BOS Member to Bharathidasan University:

- Selected BOS member for a period of three years to Bharathidasan university from 01-04-12 for the subject Electronics (UG, PG) & Industrial Electronics (UG, PG) Ref:43488/C1/CCCD-BOS/2011
- Participated BOS on 5/10/12 at BARD to ascertain the Equivalence of Electronics Equal to Industrial Electronics
- Attended the Board Of Studies meeting held on 31.07.14 at Bharathidasan University, Trichy to give equivalent of B.S Electronics programme to B. Tech
- Attended the Board Of Studies for Dept of Electronics on 14.08.14 at Bharathidasan University, Trichy skeleton prepared for M.Sc Distance Education
- Attended the Board Of Studies for Dept of Electronics on 20.08.14 at Bharathidasan University, Trichy to prepare M. Sc Distance Education Syllabus I – IV semesters at CCCD.

26. External Examiner for Practical:

- External Examiner for UG Practical ESE April 2017 BARD Govt Arts College, Thuvakudimalai, Thiruchi 620022 for B. Sc Electronics Parent Department Physics on 8.3.17-9.3.17 (2 days)
- External for End semester practical April 2011 to S.R.C College for I PG Student 8.4.11 Seethalakshmi Ramaswami College, Trichy
- End Semester 2007 - 2008 Hall superintendent to Dharumapuram Adhinam Arts College

27. Central Valuation

- Central Valuation Bharathidasan University Common Papers (Soft Skills, VBC) From 28.11.16 – 30.11.16 & 26.12.19-28.12.19 for VBC paper correction

28. Election Duty

- Proceeding Officer 2 -2011-12 Election Duty to Semmangudi (Sirkali Union)

29. Question paper setter: 2010-18

- Seethalakshmi Ramaswami College, Trichy, V. V. Vanniaperumal College, Virudunagar, St.Joseph's College, Trichy, Selvamm Arts and Science College, Namakkal, Sri Krishna Arts and Science College, Coimbatore, Poompuhar Arts and Science College, Melaiyur, J.J. College of Arts and Science Pudukkottai, P.S.G College of Arts and Science Coimbatore, Nehru Arts and Science College-Coimbatore

Enclosure:

Question Paper Setter

- **S.R.C College** for 08VEL6 B. Sc Electronics Control System **April 2012**, 14II ELA2 Op-amp and communication system **April 2017**, E/S 14IVELA4 Instrumentation and measurement November 17,14III EL3 Linear Integrated Circuits Electronics, April 2018,17IPELME11—Nanotechnology and its applications, November 2018
- **V. V. Vanniaperumal College**, Virudunagar, 10UECA51- III B. Sc ECS Cellular Mobile Communication Nov'2012
- **St.Joseph's College**, Trichy **April 2013** Mobile Communication M. Sc Electronics, Embedded Systems M. Sc ES **April 14** , Digital Electronics B. Sc ES **April 15**,8051 Microcontroller with C Programming 2 sets, B.Sc., Electronics

- students for Digital Electronics-**April 2015** End semester Examination, Electronic Devices April 2016 I B. Sc Electronics, ARM and Embedded Linux II M. Sc E/S April 2017 for the code 14PEL4114, AVR Microcontroller and Open Source Hardware, Odd Sem. November 2018, AVR Microcontroller and open Source - Nov.'18
- **Selvamm Arts and Science College**, Namakkal, Communication Engineering-11U5EL05- ECS, **Nov'2013**, M. Sc Elec.& Comm. Industrial Automation Using PLC,12P4ELE07 **April 14**, Digital Signal Processing, M. Sc ECS 14P3EL07 **Nov'2015** , Industrial Automation Using PLC 14P4ELE03 **April 2016**, Principles of Communication ECS 13U5EL07 **Nov'16**
 - **Sri Krishna Arts and Science College**, Coimbatore, Instrumentation and Control Systems M. Sc ECS **Nov'2011**, 11ECP03, ECS 12ECU07 Integrated Circuits and Instrumentations **Nov'2013**, Industrial and Power Electronics **April 14**, B. Sc ECS 11ECU22,13ECU05 - Principles of Communication Systems,14ECP05, **November 14**, M.Sc ECS 14ECP05 8051 Microcontroller With C programming, **November 14**, B.SC ECS 15ECU01 Principle of Electronics **November 15**, 13IDU49 Microprocessor and Assembly Language Programming-**April 15**, (B.Sc. IT/CT/SS/BCA), ARM Processor **Nov' 16**, Digital Image Processing 16ECP09 **April 2017**,16ELU20 Medical Electronics ECS-November 19
 - **Poompuhar Arts and Science College**, Melaiyur, 06M11 Elements of Theoretical Physics and 06SBE3 Measurements and Electrical Machines B. Sc Physics **Nov'2013**, Electrical Wiring 11:06SBE3 **April 14**, B. Sc Physics, B. Sc physics students II year 11:06SBE2 Electric Machines,11:06SBE3 Electrical wiring III year UG, **November 2014**, 14:06SBE 1 Electrical Instruments and Measurements, **April 2016**
 - **P.S.G College of Arts and Science** , Coimbatore 641014 Electronics M. Sc Software the subject codes 11SSP24, Microprocessor and Applications, 14ELU03 Semiconductor Devices **November 2014**, 11ELU29A Skill Based Elective II PIC Microcontroller ES **November 2015**, Digital Electronics 14MCU11, Basic Electronics for Chemists M. Sc 14CHP04,11ELU21 **Nov'2016** 8051 Microcontroller, 14ELP11 Wireless Communication Systems **Nov'2016**, Wireless Communication system 14ELP11,14ELP20 Automotive Electronics November 17,14ELU24 Electronic Communication II, December 2018, 14ELU27A, 14ELP04-Mobile Technology,8051 Microcontroller April 2019,18CHP04 and 14ELU26-Basic Electronics for chemists and Real time operating System November19,
 - **J.J. College of Arts and Science**, Pudukkottai, M. Sc Industrial Electronics P3IECC11 Control System paper **Nov'2013**, B.Sc ,M. Sc Physics **Nov'14** Digital Electronics, Special Electronics II, and M. Sc Physics U5PHCC10/P3NPHCC11 Digital Electronics /Special Electronics II Microprocessor 8086, **November 2014**, Special Electronics I/ Special Electronics II P1NPHCC3/P3NPHCC11 **November 2014** PG Physics, Laser and its Applications U4NPHSBE1, Opto- Electronics and OFC U6NPHMBE3 April 2016, PIRPHCC3,U6NPHMBE3 UG and PG physics Opto Electronics and OFC, Electronics I November 2016, Analog Electronics, Microprocessor and its applications, Special Electronics II Microprocessor 8086 April 2017,UG and PG Physics U5NPHCC10-Digital

Electronics,U6NPHMBE3-Opto Electronics and OFC,PIRPHCC3-Electronics I November 2017,U4NPHCC7-Analog Electronics, U5NPHCC10-Digital Electronics,P3NPHCC11-Special Electronics II, Microprocessor 8086 for UG and PG Physics, **April 2018**

U4NPHCC7-Analog Electronics, U5NPHMBE1-Material Science, U6NPHMBE3-Opto Electronics and Fiber Optic Communications, U6NHSBE3-Introduction to Basic Electronics for UG and PG Physics, November 2018, U4RPHCC7,U6NPHCC14,P2RPHCC8-Analog Electronics, Microprocessor and its Applications, Microprocessor and Microcontroller **April 2019**,U6RPHCC14-Microprocessor and its applications, PIRIPHCC3-Analog and Digital Electronics November 19

➤ **Nehru Arts and Science College**, Coimbatore

M. Com Microwave and Fiber Optic Communications 17PGECC101

November 2017,Wireless Communication Odd. Sem November 2018,B.Sc IT-Nanotechnology November 19

30. Research Guidance:

M. Phil-01(01 student)

M. Sc - 30 (33 Students)

B. Sc - 06 (14 Students)

1. Guided one M. Phil student P. Gurudevi 22097180001 on 2009-2010 topic entitled as Laser Hand For Physically Challenged People

PROJECTS:

1.2006-2007:

U04 2951,U04 2952,U04 2953,U04 2954, N.H.AbdulBasith , D. Arun

J. Elangovan, J. Hameedulhanes-Automatic Water Level Controller Using Microcontroller

2. 2007-2008

U05 2904U05 2905U05 2906 -T. SusiniT. Vasumathi,P. Karthika,- Speed Checker For Highways

3. 2008-09

U06 2904,U06 2905,U06 2906 -R. Kalpana,E. Nisha,Z. StefiaRoshan -Watchman Watcher and Model Railway Level Crossing

4. 2009-2010

U07 2929 - U07 2932 -N. Nanthini, M. Rubala, H.Harsida Farveen, R.

Iswarya-Coin Based Mobile Charger ,LPG Gas Leakage Detection And Control

M. Sc PROJECTS

1. 2006-07:

B. Chandraleka (P05 7504),S.Guna (P05 7505),R.Ramya (P05 7508)

PH Measurement & Display Using Microcontroller-CLRI- Chennai -20

S. Natraj (P057528)-Embedded Based Two Wheeler Automation-Epsilon Tech Solution,Chennai

2.2007-08:

J.Saranya (P06 7504),S.R.Ramya (P06 7506)-Embedded Based Industrial

Automated Mixing Technology-Micro Particle Engineers Pvt Ltd -Chennai 107

3. 2008-09:

V. Panner Selvam (P07 7502)-Laser Hand For Physically Challenged People (Rs.15,000 Received Scholar Ship for Project)-Mirror Technology Pvt Ltd – Chennai -26.

4.2009-10:

T. Vasumathi (P08 7502),B.Kanagavalli (P08 7503)-Vehicle Accident Prevention Using Eye Blink Sensor

5.2010-2011:

R.Vinoth (P097505)-Wireless Based Substation Automation

M.Suganya (P097528)-Wireless Power Failure Indicator Using Microcontroller

K.Saranya (P097529)-Bus Information Providing System for Passengers Using Wireless Communication

6.2011-2012:

C. Kandiban (P107503)-SMS based GSM notice board display

S. Karthi (P107504)-Density based traffic signal control using microcontroller

S. Karthika (P107527)- Embedded based power conversion

R. Kiruthika (P107528)-GSM based car theft identification with locking System

7.2012-2013:

K. Muralidaran(P117503)-Prepaid Energy Meter Using Smart Card

M. Rubala(P117527)-Human Heart Beat Rate Monitoring

R. Deebika(P117528)-M-Health Based Diabetics Management

Balkisbegum (P117531)-Self Power Based BTS

S. Ishwarya (P117532)-Circular Carrying Robot

8.2013-2014:

U. Suriya P127527-Digital door Lock System using Microcontroller

N. Abayambal P127528-Automated Auditorium Control

9.2014-2015:

K. Vignesh(P137501)-Biometric Based Voting Machine Using ARM Microcontroller (LPC 2148)

S. Anusuya(P137527)-Metro Parking System Using Microcontroller (AT89S52)

10.2015-2016:

A. Anbarasan (P147501)-Mobile Incoming Call Indicator and DC Motor Control Using Single Switch For Conveyor

S. Revathi (P147527)-Fire Alarm and Speed control of DC Motor Using PWM to Control a Load

S. Mohammed Ali (P147504)-Hidden Mobile Indicator and GSM Mobile Jammer

11.2016-2017:

M. Vignesh (P15 7501)- WiFi Based load control using Android

12.2017-18:

S.Parkavi (P167528) - Ultrasonic Sensor Based Accident Prevention Circuit

S.B.Prasanna (P167501)- Domestic Automation Using Sensors

13.2018-19

B.Poojarani(P17 7531)-Wireless Sensor Application To Sense Unauthorized Entry And Parking System

K.Manikandan(P17 7501)-Solar Powered Domestic Device

31. Project received from IIT Bombay:

1. Received a solar kit on 9.2.13 for research purpose from IIT Bombay as a complement for participating workshop by our faculty, the worth of the kit Rs.20,100.
2. Received free Spectrum Analyzer kit from IIT Bombay worth Rs. 3500 for enhance the practical to recent trends of solar Photovoltaics

32. Invited Talk/Guest Lecture

M. Phil Class conducted

- ✓ Class taken for M. Phil Distance Education students Sep'06-07 to Dec'06-07 behalf of Bharathidasan University at Dharumapuram Gnanambigai Govt. Arts and Science College,Mayiladuthurai

Resource person for Fine Arts Competition:

- ❖ Acted as a Judge & Resource Person "Aval Vighadan Contest" held at A.V.C.C. Engineering and this matter was published in the next edition of Aval Vighadan November 2009

TNSCST Sponsored Programme:

1. Attended as a Resource person in TNSCST Sponsored Programme "Application Of Science and Technology For Rural Areas (ASTRA-2019) Organized by Department of Physics A.D.M College For Women (Autonomous), Nagapattinam on 6th February 2019

Young Scientist Student Program:

- ❖ Takes class for Young Student Scientist Programme (YSSP – MAY 2013) catalyzed and supported by Tamilnadu state council for science and technology, Govt. of Tamilnadu on 17.05.13 between 10AM – 5 PM. This programme is to motivate the students in the subject of Electronic Science, who are from Nagapattinam, Pudukottai District and studying Ninth standard.
- ❖ Takes class for Young Student Scientist Programme (YSSP – APRIL 2014) catalyzed and supported by Tamilnadu state council for science and technology, Govt. of Tamilnadu on 13.04.14 between 10AM – 5PM. This programme is to motivate the students in the subject of Electronic Science, who are from Nagapattinam, Pudukottai District and studying Ninth standard around 40

Students for each staff were participated for the same batch of students project guided (07)

Radio Talk:

1. Delivered a speech on All India Radio, Karaikal for Woman's Day celebration on 4.3.13 about "Innovative Projects" and this was relayed on 7.3.13 at 10.15 AM
2. Deliver a speech on FM radio, Karaikkal about the Advantage and disadvantage of Science this program was relayed on 28.2.14 10.30 AM to 11 AM
3. Delivered a speech on All India Radio, Karaikal for Science Day Celebration on 12.02.15 about "Ariviyal Nanmaikal Matrum Theemaigal" and this was relayed on 28.02.15 at 10.45 AM on Science day Special Speech

33. Proposal Details:

1. Proposal Send to Material Research Society of India (MRSI), Indian Institute Of Science, Bangalore-560012, To the Vice President, For financial Assistant to take Minor Research Project, April and July 2017, Worth Rs.1,00,000

34. Proceedings Published in Seminars/Conferences etc.,

- Number

14

1. Presented a paper in wireless communication at Karpagam University on 8.2.13
2. Presented a paper "LANDSAT Satellite Program" on 7.3.08 at Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore.
3. Presented a paper in international colloquium Bio Vision '09 in the topic of "**Bionano Sensors**" on 2.4.09 at R. V. S. Arts & Science College at Karaikal.
4. Published and presented two papers entitled as "**Smart Sensor Based Indoor Accident Prevention Circuit For Specially Abled Persons**" and "**Wi-Fi Based Load control Using Android**" in two days International conference on **Recent Advances in Applied Physics ICRAAP-2017** at Annamalai University Chidambaram, organized by Engineering Physics Section from 21.9.17-22.9.17, The Abstract No. is ICA 81 & ICA 267 Page No.30 & 82 With ISBN 938444632-7 (2017)
5. Presented a paper **International Conference** on Nano -A New World of Science, School of Science Vidyasagar Woman's College, Chengalpattu on 22.9.17 and this was Published "Approaches of Nanotechnology in Water and Air Pollution Treatment-Review" International Journal of Innovative Research in Advanced Engineering, 2017, Issue 9, Volume 4, Page 76-79
6. Presented a paper topic entitled Humidity based load control using temperature sensor in **National conference** "Recent Trends in Electronics 2018" on 8.1.18 and 9.1.18 at St. Joseph Arts and Science College, Trichy, Paper code:PP21, page No.32-33
7. Presented a paper entitled "Mini E-Calendar for Specially Abled Persons" **National Conference** on "Emerging Trends in Material Science" (NCETMS-2018) at Erode Arts and Science College at Erode -638009, Organized by Department of Physics, Chemistry and Electronics on 7.2.18, Paper code:PO311, Page No.57&58
8. Presented a paper entitled "Unauthorized Person Entry Prevention circuit Using Smart Sensor for Specially Abled Persons" **National Conference** on "Recent

- Trends in Communication, Computation and Signal Processing (NCCCSP-18) at Karpagam University, Coimbatore, Organized by Department of Electronics and Communication Systems on 1.3.18 and presented a Paper, Page No.67
9. Presented a paper entitled “Wireless Sensor Utilization to prevent Accident for Public” in **National Conference** on “Recent Advancements in Nanotechnology RAN-2018” organized by Department of Chemistry held on September 19th and 20th 2018, National Institute of Technology Puducherry, Karaikal-609609.
 10. Presented a poster entitled “**Wireless Multi-Sensors based Wheel Chair**” in one day **International Workshop** on “Materials Technology and Applications” 11-12 October 2018, held at Vellore Institute of Technology, Vellore.
 11. Presented a paper in **National Conference** entitled “**Wireless Safety Device for Specially Abled Persons**” **National Conference** on “Recent Trends in Electronics” (NCRTE-2019) Organized by Department of Electronics and Communication, Selvamm Arts and Science College (Autonomous), Namakkal held on 20th Feb 2019
 12. Presented poster **International Conference** entitled “**Dye Sensitized Solar Cell Powered device for Specially Abled Persons**” in 5th **International Conference** on Nano Science and Nano Technology (ICONN 2019) from 28.1.19 to 30.1.19 at SRM Institute of Science and Technology, Kattankulathur, Chennai, organized by Department of Physics and Nanotechnology in association with Shizuoka University, Japan, National Chiao University, Taiwan, GNS Science, New Zealand, CSIR-National Physical Laboratory India, Asian Consortium on Computational Material Science and the Institution of Engineering and Technology Co-Sponsored by Science and Engineering Research Board(DST-SERB), India, Proceedings of Abstracts Page No.347, Poster No.CP211 and Abstract No.1544
 13. Two day **National level** symposium on Emerging Trends In Science And Technology 1st and 2nd March 2019 Organized by PG and Research Department of Electronics and Communication Systems Hindusthan College of Arts and Science (Autonomous) Coimbatore and presented paper “Mathematical Modelling for the Evolution of Wireless Multi-Sensors for the Application of Specially Abled Persons Using Control Systems” Proceedings Page No.2 & 3.

35. Journal Publications: - Number 07

1. Ms. K. Krishnaveni published the topic entitled “Wireless Communication” in journal I.J.R.C.M (A Monthly Double-Blind Peer Reviewed (Refereed/Juried) Open Access International e-Journal - Included in the International Serial Directories), November Issue No.11, Volume No.3 (2013) , ISSN2231-1009, Pages 33-35
2. Published “Approaches of Nanotechnology in Water and Air Pollution Treatment-Review” International Journal of Innovative Research in Advanced Engineering, 2017, Issue 9, Volume 4, Page 76-79
3. Smart Sensor Based Indoor Accident Prevention Circuit For Specially Abled Persons was published in International Journal of Engineering Science and Computing, (IJESC), March 2018, Volume 8, Issue No.3, Pages 16520-26, ISSN

2250-1371, www.ijesc.org © 2018 IJESC, Normalized impact factor 3.868 and publication impact factor 5.611

4. Ultrasonic Sensor Utilization to Prevent Road Safety for Public published in International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org || Volume 7 Issue 4 Ver. III April 2018 , PP 06-18, **UGC Approval Serial Number: 2573 & UGC Journal Number: 43302, Impact Factor 5.962, i10 index: 320, h index: 950, citation: 2500,**
5. Real Time E-Calendar for People published in IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 13, Issue 3 Ver. I (May. – June. 2018), PP 01-011 www.iosrjournals.org DOI: 10.9790/1676-1303010111, Pub.on 11.5.18, **IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) is UGC approved Journal with Sl. No. 4198, Journal no. 45125, Impact Factor 3.2.**
6. Unauthorized Person Entry Prevention Device Utilizing Sensor published in Quest Journals Journal of Research in Environmental and Earth Science Volume 4, Issue 1 (2018) pp: 24-35, ISSN(Online) : 2348-2532, www.questjournals.org
7. Wireless Safety Device for Specially Abled Persons published in Suraj Punj Journal for Multidisciplinary Research ISSN:2394-2886, **Impact Factor -6.1**, Page No.38-41, Feb.2019, **UGC S.No:64786, ISO:7021 2008, Peer Reviewed/ Referred Journal, www.spjmr.com**
8. “Wireless Humidity Sensor Application for the Specially Abled Persons using Control Systems” international Journal of Modern Electronics and Communication Engineering (IJMECE), Volume No.-7, Issue No.-2, March, 2019, ISSN: 2321-2152, www.ijmece.org, Pages:208-211, Impact Factor- 1.5

36. PEKAK Publication: 2016-17

1. Facts about the Sun, 2014-15, Page No.45, PEKAK College Magazine 2015
2. About Pulse, 2015-16, Page No.151, PEKAK College Magazine 2016
3. Renewable Energy - Clean Energy And Green Energy, 2016-17, Page No.33, PEKAK College Magazine 2017

37. Academic Auditing:

1. Supported to conduct Academic Auditing on 16.3.17-External Member Mr. N. Kalaimani, Assistant Prof. Physics, TVK, Thiruvarur
2. Mrs. V. Sivakamasundari, Assistant Professor in Electronics, St. Joseph's College, Trichy, took part as External and view all the files in the Department and recommend her suggestion to the COE for further Development on 5.2.18.
3. Supported to conduct Academic Auditing on 26.3.19 - External Member Mrs. V. Anuradha, HOD, Dept. of Electronics, SRC, Trichy

38. Residential Address:

Mrs. K. Krishnaveni

34, Anbu Nagar, Memathur (Po), Tharangambadi-(Tk), Nagai-(Dt)

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