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Department of Physics,
Bishop Heber College,
Tiruchirappalli - 17.

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Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
PHYSICS	PHYSICS	Bharathidasan	2009

Ph.D. Details

Title of Thesis		Area of Specialization			
Supercapacitors		Supercapacitors			
Research Supervisor		Research Centre		Year of Award	
Dr. R. Sambasivam		Urumu Dhanalakshmi College		Pursuing	

Work Experience

Name of Institution	Address of Institution	Designation	From	To
M KUMARASAMY COLLEGE OF ENGINEERING	THALAVAPALAYAM KARUR TAMILNADU	LECTURER	15.06.2010	13.04.2013
PRIST UNIVERSITY	ARASANOOR SIVAGANGAI TAMILNADU	ASSISTANT PROFESSOR	15.07.2013	30.04.2015
ST STEPHENS ENG MED SCHOOL	SELAMBA SAGBARA TK NARMADA DIST GUJARATH	PRIMARY SCHOOL TEACHER	1.11.2005	30.05.2006
ST STEPHENS ENG MED SCHOOL	SELAMBA SAGBARA TK NARMADA DIST GUJARATH	HIGHER SECONDARY TEACHER	1.10.2009	31.05.2010

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1.	Conferences / workshops / Seminars Attended	125
2.	Research Papers Presented	1
3.	Publication in Journals	0
4.	Publication in Books	2
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. State level Orientation on **"Enhancing professional development of faculty"** sponsored by CSI Ewart womens christian college, Melrosapuram organized by CSI Ewart womens christian college, Melrosapuram at Melrosapuram during 28/10/2020 to 31/10/2019.
2. -1 level Seminar on **"enhance teaching and learning skill using digital tools"** sponsored by ECE department, MIT, Morodabad organized by ECE department, MIT, Morodabad at Morodabad during 31/07/2020 to 31/07/2020.
3. -1 level Orientation on **"SCHOLARS WHO ROCKED THE WORLD - "MICHAEL FARADAY"** sponsored by Department of Physics - SNMV College of Arts & Science , Coimbatore and Tamil Nadu Science Forum organized by Department of Physics - SNMV College of Arts & Science , Coimbatore and Tamil Nadu Science Forum at during 31/07/2020 to 31/07/2020.
4. National level Seminar on **"Revised Assessment and Accreditation (A&A) Framework of NAAC: IIQA, DVV and SSS"** sponsored by Internal Quality Assurance Cell (IQAC) Paschim Guwahati Mahavidyalaya, Dharapur Guwahati in collaboration with Internal Quality Assurance Cell (IQAC) of Mahatma Phule Mahavidyalaya, Kingaon organized by Internal Quality Assurance Cell (IQAC) Paschim Guwahati Mahavidyalaya, Dharapur Guwahati in collaboration with Internal Quality Assurance Cell (IQAC) of Mahatma Phule Mahavidyalaya, Kingaon at Guwahati during 30/07/2020 to 30/07/2020.
5. National level Seminar on **"wild stories of tiger"** sponsored by Tamilnadu forest department organized by Arignar anna zoological park, chennai, tamilnadu forest department at chennai during 29/07/2020 to 29/07/2020.
6. National level Orientation on **"Getting started with Google educaion suit & zoom"** sponsored by Jain University organized by Jain University at during 28/07/2020 to 30/07/2020.
7. International level Seminar on **"Emotional First Aid to Reduce Performance Anxiety"** sponsored by Dr. B. C. Roy Polytechnic, Durgapur, West Bengal, India organized by Dr. B. C. Roy Polytechnic, Durgapur, West Bengal, India at durgapur during 28/07/2020 to 28/07/2020.
8. -1 level Seminar on **"blockchain hype in business world: introduction and career scope"** sponsored by Nadar Saraswathi college of engineering and technology, theni, tamilnadu organized by Nadar Saraswathi college of engineering and technology, theni, tamilnadu at Theni during 27/07/2020 to 27/07/2020.
9. -1 level Seminar on **"Dr. A. P. J. Abdul Kalam Memorial Lecture on "PURA – Providing Urban amenities in Rural Areas"** sponsored by Rotaract club of Anna University Tiruchirappalli organized by Rotaract club of Anna University Tiruchirappalli at Trichy during 27/07/2020 to 27/07/2020.
10. National level Seminar on **"implication of google one billion dollar digitalization package for india on digital eco system in india"** sponsored by PSIT COLLEGE OF HIGHER EDUCATION, KANPUR organized by PSIT COLLEGE OF HIGHER EDUCATION, KANPUR at Kanpur during 25/07/2020 to 25/07/2020.
11. International level Seminar on **"Development of Ultra High Temperature Materials for Hypersonic Applications"** sponsored by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai at chennai during 23/07/2020 to 23/07/2020.
12. -1 level Seminar on **"a new beginning"** sponsored by GTN arts college, dindigul organized by GTN arts college, dindigul at dindigul during 21/07/2020 to 21/07/2020.
13. National level Seminar on **"Bridging Electromagnetic Spectrum for Technological Applications - A Materials Perspective"** sponsored by Andhra Loyola College, Vijayawada, A.P organized by Andhra Loyola College, Vijayawada, A.P at Vijayawada during 21/07/2020 to 21/07/2020.

14. -1 level Seminar on **"Digital Tools to Improve Writing Skills"** sponsored by Department of English, SRI MALOLAN COLLEGE OF ARTS AND SCIENCE, Chengalpet Dt - 603306, Tamilnadu, India organized by Department of English, SRI MALOLAN COLLEGE OF ARTS AND SCIENCE, Chengalpet Dt - 603306, Tamilnadu, India at Chengalpattu during 20/07/2020 to 20/07/2020.
15. National level Seminar on **"Parenting in uncertain times"** sponsored by Jain school of humanities and social sciences organized by Jain school of humanities and social sciences at Jain University during 20/07/2020 to 20/07/2020.
16. National level Seminar on **"defect analysis in crystalline materials by spectroscopic techniques"** sponsored by Pachaiyappas college, chennai organized by Pachaiyappas college, chennai at chennai during 18/07/2020 to 18/07/2020.
17. -1 level Seminar on **"micro algae technology for industrial effluent treatment and restoration of polluted water bodies"** sponsored by st. josephs college, trichy organized by st. josephs college, trichy at Trichy during 17/07/2020 to 17/07/2020.
18. National level Seminar on **"Greening the Red Planet"** sponsored by ADITANAR COLLEGE OF ARTS AND SCIENCE, VIRAPANDIANPATNAM,TIRUCHENDUR organized by ADITANAR COLLEGE OF ARTS AND SCIENCE, VIRAPANDIANPATNAM,TIRUCHENDUR at tuticorin during 17/07/2020 to 17/07/2020.
19. State level Seminar on **"Spectra of Metal complexes"** sponsored by ANNA ADARSH COLLEGE FOR WOMEN organized by ANNA ADARSH COLLEGE FOR WOMEN at during 17/07/2020 to 17/07/2020.
20. International level Seminar on **"FRONTIERS IN NANOTECHNOLOGY AND APPLICATIONS (FINA 2020)"** sponsored by Department of Physics, St.Xaviers College (Autonomous), Palayamkottai organized by Department of Physics, St.Xaviers College (Autonomous), Palayamkottai at Tirunelveli during 15/07/2020 to 15/07/2020.
21. State level Seminar on **"????????? ???? ????????????? ??????????????"** sponsored by Tamil club of Annammal College of Education for Women, Thoothukudi in collaboration with Tamilnadu Science Forum, Thoothukudi organized by Tamil club of Annammal College of Education for Women, Thoothukudi in collaboration with Tamilnadu Science Forum, Thoothukudi at tuticorin during 15/07/2020 to 15/07/2020.
22. National level Seminar on **"time resolved raman spectroscopy of dynamically shocked materials"** sponsored by annai velankanni college of engineering, kanyakumari, tamilnadu organized by annai velankanni college of engineering, kanyakumari, tamilnadu at Kanyakumari during 10/07/2020 to 10/07/2020.
23. International level Workshop on **"the exciting story of exoplanets"** sponsored by Karunya university organized by Karunya university at Coimbatore during 08/07/2020 to 08/07/2020.
24. National level Workshop on **"mind achieves what it conceives"** sponsored by GTN arts college, dindigul organized by GTN arts college, dindigul at dindigul during 04/07/2020 to 04/07/2020.
25. National level Workshop on **"Amazing superconductivity"** sponsored by SCAD polytechnic college, tirunelveli organized by SCAD polytechnic college, tirunelveli at Tirunelveli during 30/06/2020 to 30/06/2020.
26. International level Seminar on **"High-Performance Materials for Energy, Environment & Healthcare in the Digital Era"** sponsored by Centre for Materials Technology, School of Advanced Sciences, VIT, Vellore organized by Centre for Materials Technology, School of Advanced Sciences, VIT, Vellore at chennai during 30/06/2020 to 01/07/2020.
27. National level Workshop on **"International Webinar Lecture Series On Energy Physics"** sponsored by Department Of Physics, Government Arts College(Autonomous),Kumbakonam, tamilnadu organized by Department Of Physics, Government Arts College(Autonomous),Kumbakonam, tamilnadu at Kumbakonam during 29/06/2020 to 29/06/2020.

28. State level Workshop on **"FATHER OF EVOLUTION THEORY - CHARLES DARWIN"** sponsored by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur organized by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur at tiruppur during 29/06/2020 to 29/06/2020.
29. State level Workshop on **"NEED OF SOCRATES IN MODERN WORLD"** sponsored by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur organized by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur at tiruppur during 27/06/2020 to 27/06/2020.
30. National level Workshop on **"advanced materials"** sponsored by CMR institute of technology, bengaluru organized by CMR institute of technology, bengaluru at Bengaluru during 26/06/2020 to 26/06/2020.
31. National level Seminar on **"Sir. ISAAC NEWTON"** sponsored by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur organized by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur at tiruppur during 26/06/2020 to 26/06/2020.
32. National level Workshop on **"quality on young minds"** sponsored by GTN arts college, dindigul organized by GTN arts college, dindigul at dindigul during 26/06/2020 to 26/06/2020.
33. International level Seminar on **"online examination tools"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 26/06/2020 to 26/06/2020.
34. National level Seminar on **"FATHER OF MODERN PHYSICS - GALILEO"** sponsored by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur organized by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur at tiruppur during 25/06/2020 to 25/06/2020.
35. National level Seminar on **"REBELLION EINSTEIN"** sponsored by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur organized by Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur at tiruppur during 24/06/2020 to 24/06/2020.
36. National level Workshop on **"Techniques of acquiring API score and submitting PBAS for university and college teachers"** sponsored by Lokmanya mahavidyalaya, organized by Lokmanya mahavidyalaya, at warora during 24/06/2020 to 24/06/2020.
37. National level Seminar on **"beauty of physics in the field of engineering and technology"** sponsored by SCAD polytechnic college, tirunelveli organized by SCAD polytechnic college, tirunelveli at Tirunelveli during 23/06/2020 to 23/06/2020.
38. International level Workshop on **"Respiratory Management of COVID-19"** sponsored by Pearson India organized by Pearson India at during 23/06/2020 to 23/06/2020.
39. National level Seminar on **"Career opportunities for Physics Students after Graduation"** sponsored by Department of Physics, Vivekananda College, Tiruvedakam west, Madurai, Tamil Nadu organized by Department of Physics, Vivekananda College, Tiruvedakam west, Madurai, Tamil Nadu at madurai during 22/06/2020 to 22/06/2020.
40. National level Seminar on **"Nanophotonics"** sponsored by Department of Physics, Lekshmipuram College of Arts and Science, Neyyoor organized by Department of Physics, Lekshmipuram College of Arts and Science, Neyyoor at neyyoor during 21/06/2020 to 21/06/2020.
41. National level Orientation on **"Ideas and systems for a high quality teaching experience"** sponsored by St. Josephs college of Engineering, Chennai organized by St. Josephs college of Engineering, Chennai at chennai during 20/06/2020 to 21/06/2020.
42. National level Seminar on **"start your success journey"** sponsored by Narasus sarathy institute of technology organized by Narasus sarathy institute of technology at Salem during 19/06/2020 to 19/06/2020.
43. National level Seminar on **"Awareness, Skills & Job opportunities in Sericulture"** sponsored by PG Students & Alumni in PG & Research Department of Zoology, Arulmigu Palaniandavar College of Arts & Culture, Palani organized by PG Students & Alumni in PG & Research Department of Zoology, Arulmigu Palaniandavar College of Arts & Culture, Palani at Palani during 16/06/2020 to 16/06/2020.

44. National level Seminar on **"Intellectual Property Rights : Innovations in Research"** sponsored by Department of Sociology, IQAC and Department of Library Science, Dr. Babasaheb Ambedkar College of Arts, Commerce and Science, Bramhapuri organized by Department of Sociology, IQAC and Department of Library Science, Dr. Babasaheb Ambedkar College of Arts, Commerce and Science, Bramhapuri at Bramhapuri during 13/06/2020 to 13/06/2020.
45. National level Seminar on **"appraisal of learning outcomes in OBE"** sponsored by curriculum development cell, GTN arts college, dindigul organized by curriculum development cell, GTN arts college, dindigul at dindigul during 12/06/2020 to 12/06/2020.
46. National level Seminar on **"nano structured metal oxides for supercapacitor applications"** sponsored by department of physics, trinity college for women, namakkal organized by department of physics, trinity college for women, namakkal at Namakkal during 12/06/2020 to 12/06/2020.
47. National level Seminar on **"Research-Methodology"** sponsored by loyola college , chennai organized by loyola college , chennai at chennai during 12/06/2020 to 13/06/2020.
48. National level Seminar on **"online content creation tools"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 11/06/2020 to 11/06/2020.
49. National level Seminar on **"android app development"** sponsored by rajeswari vedachalam government arts college, chennai organized by rajeswari vedachalam government arts college, chennai at chennai during 11/06/2020 to 11/06/2020.
50. National level Seminar on **"Ethical Hacking"** sponsored by Department of Computer Applications, School of Computer, Information and Mathematical Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology organized by Department of Computer Applications, School of Computer, Information and Mathematical Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology at chennai during 11/06/2020 to 11/06/2020.
51. International level Seminar on **"Biomedical Applications of Colloidal Metal Nanoparticles"** sponsored by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai at chennai during 10/06/2020 to 10/06/2020.
52. National level Orientation on **"Future of Examinations: Blooms Taxonomy and Multiple Assessment Tools"** sponsored by GTN arts college, dindigul organized by GTN arts college, dindigul at dindigul during 08/06/2020 to 08/06/2020.
53. National level Orientation on **"Recent Advances in Physics"** sponsored by SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Ramapuram Campus organized by SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Ramapuram Campus at chennai during 03/06/2020 to 04/06/2020.
54. -1 level Orientation on **"Online Teaching & E-content"** sponsored by Indian Institute of Digital Education organized by Indian Institute of Digital Education at during 03/06/2020 to 04/06/2020.
55. National level Seminar on **"time management"** sponsored by universal college of engineering and technology, Vallioor, tirunelveli organized by universal college of engineering and technology, Vallioor, tirunelveli at Tirunelveli during 03/06/2020 to 03/06/2020.
56. National level Orientation on **"CSIR NET exam in physical sciences"** sponsored by Bishop Heber college, Trichy organized by Bishop Heber college, Trichy at Trichy during 02/06/2020 to 06/06/2020.
57. National level Seminar on **"design and fabrication of supercapacitors as the next generation energy storage device for electric vehicles"** sponsored by department of mechanical engineering, SRM institute of technology, vadapalani, chennai organized by department of mechanical engineering, SRM institute of technology, vadapalani, chennai at chennai during 01/06/2020 to 01/06/2020.
58. National level Seminar on **"reprogramming your mind"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 01/06/2020 to 01/06/2020.

59. National level Seminar on **"good to great"** sponsored by SCAD polytechnic college, tirunelveli organized by SCAD polytechnic college, tirunelveli at Tirunelveli during 29/05/2020 to 29/05/2020.
60. National level Orientation on **"Addressing Psychological Challenges of Students - Beyond COVID 19"** sponsored by CSI Ewart womens christian college, Melrosapuram organized by CSI Ewart womens christian college, Melrosapuram at Melrosapuram during 29/05/2020 to 29/05/2020.
61. International level Orientation on **"Effective Instructional Skills for TVET Teachers"** sponsored by Colombo plan staff college, colombo, Srilanka organized by Colombo plan staff college, colombo, Srilanka at colombo, srilanka during 28/05/2020 to 28/05/2020.
62. International level Orientation on **"Effective Instructional Skills for TVET Teachers"** sponsored by Colombo plan staff college, colombo, Srilanka organized by Colombo plan staff college, colombo, Srilanka at colombo, srilanka during 28/05/2020 to 28/05/2020.
63. National level Seminar on **"nonlinear optical behaviour of nanomaterials"** sponsored by Department of Physics, lady doak college, madurai organized by Department of Physics, lady doak college, madurai at madurai during 28/05/2020 to 28/05/2020.
64. International level Seminar on **"ACS guide for scholarly communication expert advice for early career researchers"** sponsored by ACS publications organized by ACS publications at ACS during 27/05/2020 to 27/05/2020.
65. International level Seminar on **"cosmology and nanotechnology"** sponsored by nallamuthu gounder mahalingam college, pollachi organized by nallamuthu gounder mahalingam college, pollachi at Pollachi during 27/05/2020 to 29/05/2020.
66. National level Seminar on **"Gravitationa lWaves and Nanoscience"** sponsored by VIDHYAA GIRI COLLEGE OF ARTS AND SCIENCE organized by VIDHYAA GIRI COLLEGE OF ARTS AND SCIENCE at Sivagangai during 27/05/2020 to 27/05/2020.
67. -1 level Orientation on **"C and C++"** sponsored by Jamal Mohammed college, Trichy organized by Jamal Mohammed college, Trichy at Trichy during 27/05/2020 to 27/05/2020.
68. National level Seminar on **"Passive and Active Hyperbolic Metamaterials and their applications"** sponsored by SRM Institute of Science and Technology organized by SRM Institute of Science and Technology at chennai during 26/05/2020 to 26/05/2020.
69. National level Seminar on **"CAREER OPPORTUNITIES IN MEDICARE PHYSICS"** sponsored by Parvathy college of arts and science organized by Parvathy college of arts and science at dindigul during 26/05/2020 to 26/05/2020.
70. National level Orientation on **"Academic process, measures and metrics for NAAC accreditation"** sponsored by Srinivasan College of arts and science, Perambalur organized by Srinivasan College of arts and science, Perambalur at Perambalur during 25/05/2020 to 27/05/2020.
71. National level Orientation on **"Machine Learning with MATLAB"** sponsored by Malla Reddy Engineering College (Autonomous) organized by Malla Reddy Engineering College (Autonomous) at andhra during 23/05/2020 to 24/05/2020.
72. National level Seminar on **"tough times never last, but tough people do"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 23/05/2020 to 23/05/2020.
73. National level Seminar on **"Unlocking online evaluation"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 22/05/2020 to 22/05/2020.
74. National level Seminar on **"3D printing"** sponsored by MECON association and SAEKRCT club organized by MECON association and SAEKRCT club at Trichy during 22/05/2020 to 22/05/2020.
75. National level Seminar on **"Red hat enterprise linux virtualization and containers"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 22/05/2020 to 22/05/2020.

76. National level Seminar on **"Flipped classrooms -the way forward"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 21/05/2020 to 21/05/2020.
77. National level Seminar on **"recent technologies redefining automotive industry"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 21/05/2020 to 21/05/2020.
78. National level Seminar on **"online teaching: the new norm"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 21/05/2020 to 21/05/2020.
79. National level Seminar on **"Immunity boosters for COVID-19"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 20/05/2020 to 20/05/2020.
80. National level Seminar on **"Roles and Responsibilities of Chemical Engineers in Chemical and Allied Industries"** sponsored by MOHAMED SATHAK ENGINEERING COLLEGE, ramanathapuram organized by MOHAMED SATHAK ENGINEERING COLLEGE, ramanathapuram at Ramanathapuram during 20/05/2020 to 20/05/2020.
81. National level Seminar on **"emerging opportunities in civil engineering"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 20/05/2020 to 20/05/2020.
82. National level Seminar on **"application of space technology in our day to day life"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 19/05/2020 to 19/05/2020.
83. National level Seminar on **"WEBINAR ON IOT"** sponsored by Mohammed sathak engineering college, ramanathapuram and Pantech ProEd private limited, madurai organized by Mohammed sathak engineering college, ramanathapuram and Pantech ProEd private limited, madurai at madurai during 19/05/2020 to 19/05/2020.
84. National level Seminar on **"You 2.0"** sponsored by sri venkateswara college of technology, chennai organized by sri venkateswara college of technology, chennai at chennai during 18/05/2020 to 18/05/2020.
85. National level Seminar on **"new generation solar cells"** sponsored by Department of energy science, alagappa university, karaikudi organized by Department of energy science, alagappa university, karaikudi at Karaikudi during 18/05/2020 to 18/05/2020.
86. National level Seminar on **"Trends in microbiology"** sponsored by PG and Research Department of Microbiology, JJ college of arts and science, pudukottai organized by PG and Research Department of Microbiology, JJ college of arts and science, pudukottai at Pudukottai during 18/05/2020 to 20/05/2020.
87. National level Seminar on **"molecular methods in diagnosis of infectious diseases"** sponsored by iqac and the department of microbiology, tiruppur kumaran college for women, tiruppur organized by iqac and the department of microbiology, tiruppur kumaran college for women, tiruppur at tiruppur during 18/05/2020 to 18/05/2020.
88. National level Seminar on **"Discovering and Learning Statistics Using MS Excel"** sponsored by Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu organized by Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu at Kanyakumari during 16/05/2020 to 16/05/2020.
89. National level Seminar on **"Guidance session on UGC nta NET-SET GENERAL PAPER - 1"** sponsored by IQAC CELL, DEPT OF HUMANITIES, Sahyadri Shikshan Seva Mandal's (S.S.S.M) Arts and Commerce College organized by IQAC CELL, DEPT OF HUMANITIES, Sahyadri Shikshan Seva Mandal's (S.S.S.M) Arts and Commerce College at Naigaon East Palghar during 16/05/2020 to 16/05/2020.
90. National level Seminar on **"Discovering and Learning Statistics Using MS Excel"** sponsored by Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu organized by Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu at Kanyakumari during 16/05/2020 to 16/05/2020.

91. National level -1 on **"Discovering and Learning Statistics Using MS Excel"** sponsored by Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu organized by Foundation for Innovative Research in Science and Technology, Nagercoil-629002. Kanyakumari, Tamilnadu at Kanyakumari during 16/05/2020 to 16/05/2020.
92. National level Seminar on **"computational biology using biopython"** sponsored by loyola college of arts and science, mettala organized by loyola college of arts and science, mettala at Mettala during 16/05/2020 to 16/05/2020.
93. International level Seminar on **"functional novel materials for electrochemical sensors and energy storage devices"** sponsored by thiagarajar college, madurai and Ming Chi university of technology, taiwan organized by thiagarajar college, madurai and Ming Chi university of technology, taiwan at madurai during 15/05/2020 to 15/05/2020.
94. National level Seminar on **"Data visualization of Covid 19 using Python"** sponsored by loyola college of arts and science, mettala organized by loyola college of arts and science, mettala at Mettala during 15/05/2020 to 15/05/2020.
95. National level Seminar on **"????????? ??????????"** sponsored by Arasu college of arts and science for women, karur organized by Arasu college of arts and science for women, karur at Karur during 15/05/2020 to 15/05/2020.
96. -1 level Seminar on **"machine learning techniques"** sponsored by loyola college of arts and science, mettala organized by loyola college of arts and science, mettala at Mettala during 14/05/2020 to 14/05/2020.
97. National level Seminar on **"machine learning techniques"** sponsored by loyola college of arts and science, mettala organized by loyola college of arts and science, mettala at Mettala during 14/05/2020 to 14/05/2020.
98. -1 level Orientation on **"Research Trends in NanoScience"** sponsored by R.M.D . ENGINEERING COLLEGE, Thiruvallur organized by R.M.D . ENGINEERING COLLEGE, Thiruvallur at during 13/05/2020 to 14/05/2020.
99. National level Seminar on **"computer security and forensics with wireshark tool"** sponsored by loyola college of arts and science, mettala organized by loyola college of arts and science, mettala at Mettala during 12/05/2020 to 12/05/2020.
- 100 National level Orientation on **"Online FDP"** sponsored by loyola college of arts and science, mettala organized by loyola college of arts and science, mettala at Mettala during 11/05/2020 to 16/05/2020.
- 101 National level Orientation on **"Recent trends in color image processing"** sponsored by Patrician college of arts and science organized by Patrician college of arts and science at chennai during 11/05/2020 to 01/01/1900.
- 102 National level Seminar on **"Assessment and evaluation in outcome based education"** sponsored by office of COE, GTN Arts college, dindigul organized by office of COE, GTN Arts college, dindigul at dindigul during 11/05/2020 to 11/05/2020.
- 103 National level Seminar on **"Crystallography and its Applications"** sponsored by Department of Science and Humanities, Er. Perumal manimekalai college of engineering organized by Department of Science and Humanities, Er. Perumal manimekalai college of engineering at Krishnagiri during 08/05/2020 to 08/05/2020.
- 104 National level Seminar on **"research methodology"** sponsored by Pandit Deenadayal Petroleum university organized by Pandit Deenadayal Petroleum university at pdpu during 07/05/2020 to 07/05/2020.
- 105 National level Seminar on **"3D Printing for Design and Advanced Development - Applications for Automotive Sector, Medical Devices, Missiles, Customized Gifts, Drones and Robots"** sponsored by NAFEMS in association with Rajarambapu Institute of Technology, Islampur, Maharashtra and Siddaganga Institute of Technology, Tumkuru, Karnataka organized by NAFEMS in association with Rajarambapu Institute of Technology, Islampur, Maharashtra and Siddaganga Institute of Technology, Tumkuru, Karnataka at Islampur, Maharashtra during 06/05/2020 to 09/05/2020.

- 106 National level Orientation on **"MANAGING ONLINE CLASSES and CO-CREATING MOOCS"**
· sponsored by MHRD organized by Teaching Learning Centre, Ramanujan college, Delhi at delhi during 20/04/2020 to 06/05/2020.
- 107 National level Orientation on **"An Intensive coaching for UGC/CSIR- NET examinations"**
· sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 15/11/2019 to 16/11/2019.
- 108 National level Orientation on **"The excitement of college physics 2019"** sponsored by Division of Physics, School of advanced sciences, VIT-Chennai organized by Division of Physics, School of advanced sciences, VIT-Chennai at chennai during 06/07/2019 to 06/07/2019.
- 109 College level Orientation on **"Faculty recharging programme"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 12/06/2019 to 13/06/2019.
- 110 College level Orientation on **"Problem solving in Physics"** sponsored by Bishop Heber college organized by Bishop Heber college at Trichy during 06/06/2019 to 08/06/2020.
111. International level Conference on **"ANEH"** sponsored by UGC organized by SWANSEA UNIV AND BHC at BHC during 04/02/2019 to 06/02/2019.
- 112 University level Orientation on **"FACULTY ORIENTATION PROGRAMME"** sponsored by PRIST UNIVERSITY organized by PRIST UNIVERSITY at VALLAM, THANJAVUR during 28/07/2018 to 28/07/2018.
- 113 Regional level Workshop on **"FACULTY IMPROVEMENT PROGRAMME ON EXPERIMENTAL PHYSICS"** sponsored by DBT organized by PHYSICS DEPARTMENT at PG PHYSICS LAB during 12/02/2018 to 13/02/2018.
- 114 College level Orientation on **"FACULTY EMPOWERMENT PROGRAMME"** sponsored by IQAC, BHC organized by IQAC, BHC at AC SEMINAR HALL, BHC during 14/06/2017 to 14/06/2017.
- 115 College level Workshop on **"CURRICULUM DESIGN AND EVALUATION TECHNIQUES"** sponsored by DBT organized by BISHOP HEBER COLLGE at TRICHY during 21/11/2016 to 22/11/2016.
- 116 National level Orientation on **"ORIENTATION PROGRAMME FOR ACADEMIC COUNSELLORS"** sponsored by IGNOU organized by IGNOU at KOCHI during 11/11/2016 to 12/11/2016.
- 117 College level Refresher on **"EFFECTIVELY IMPARTING MORAL VALUES ON STUDENTS"** sponsored by RLC, BHC organized by at AC SEMINAR HALL, BHC during 25/07/2016 to 25/07/2016.
- 118 College level Workshop on **"CAPACITY BUILDING WORKSHOP"** sponsored by IQAC BISHOP HEBER COLLGE organized by IQAC BISHOP HEBER COLLGE at TRICHY during 23/07/2016 to 23/07/2016.
- 119 National level Conference on **"EMERGING TRENDS IN ENGINEERING MATHEMATICS"** sponsored by MKCE organized by MKCE at KARUR during 05/04/2013 to 05/04/2013.
- 120 National level Seminar on **"RECENT TRENDS IN NOVEL MATERIALS"** sponsored by BHARATHIDASAN UNIVERSITY organized by BHARATHIDASAN UNIVERSITY at TRICHY during 20/02/2013 to 20/02/2013.
- 121 National level Seminar on **"RECENT TRENDS IN MATERIAL SCIENCE"** sponsored by MKCE organized by MKCE at KARUR during 09/11/2012 to 09/11/2012.
- 122 College level Orientation on **"PSYCHOSOCIAL DYNAMICS IN CLASS ROOMS"** sponsored by FACULTY DEVELOPMENT TEAM organized by FACULTY DEVELOPMENT TEAM at MKCE, KARUR during 22/08/2012 to 22/08/2012.

- 123 State level Seminar on "**SAPP**" sponsored by WCC organized by WCC at NAGERCOIL during 28/03/2008 to 28/03/2008.
- 124 National level Seminar on "**RECENT ADVANCES IN MATERIALS SCIENCES**" sponsored by CAUVERY COLLEGE organized by CAUVERY COLLEGE at TRICHY during 15/02/2008 to 01/01/1900.
- 125 State level Seminar on "**CURRENT ADVANCEMENTS IN PHYSICS**" sponsored by PHYSICS ASSOCIATION organized by St JOHNS COLLEGE at PALAYAMKOTTAI TIRUNELVELI during 22/09/2006 to 22/09/2006.

Research Papers Presented

- 1

1. "**BIBLICAL CONCEPTS ON THE CONSERVATION OF ECO SYSTEM - AN ALTERNATE METHOD TO CONSERVE ENVIRONMENT**" in the International conference on *International eco conference* sponsored by , organized by CSI Synod centre at Royapettai, Chennai during 01/08/2019 to 04/08/2019.

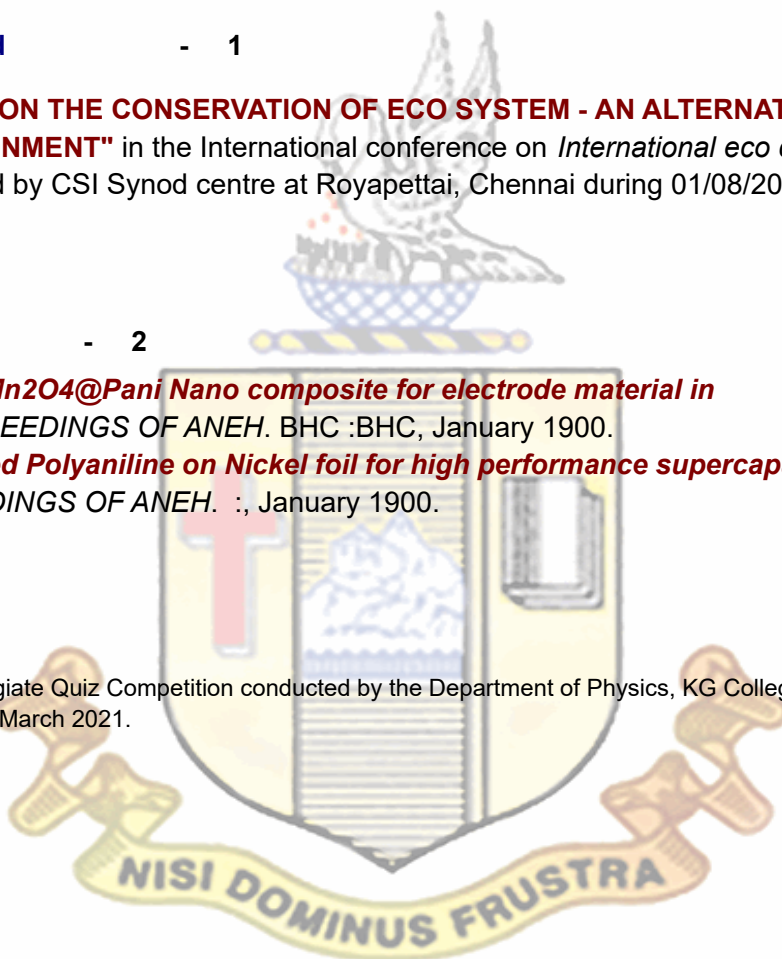
Publication in Books

- 2

1. **Facile synthesis of CoMn₂O₄@Pani Nano composite for electrode material in supercapacitors**. PROCEEDINGS OF ANEH. BHC :BHC, January 1900.
2. **Fabrication of Nanosized Polyaniline on Nickel foil for high performance supercapacitor applications**. PROCEEDINGS OF ANEH. :, January 1900.

Additional Information

- @ 1.Participate in Intercollegiate Quiz Competition conducted by the Department of Physics, KG College, Pampady as part of Orion Fest Vr.2. on 10 March 2021.



Signature of Staff
(JOHN SAMUEL A.)