

## PROFILE



### PERSONAL INFORMATION:

**Name** Dr.S.S. JAYABALAKRISHNAN  
**Designation** ASSISTANT PROFESSOR OF PHYSICS  
**Department** PHYSICS  
**E-Mail ID** krishnanphysics@gmail.com  
**Contact No** 8870254292  
**Date of Birth** 14-06-1969  
**Date of Appointment** 01-10-2013  
**Date of Retirement** 30-06-2029  
**Gender** MALE  
**Address** 88-A.PALLAVAN NAGAR,  
3<sup>rd</sup> STREET,  
KALAVASAL,  
PP CHAVADI,  
PIN: 625016

### Academic Qualification (Undergraduate Onwards):

S.No.	Degree	Year of Passing	Subject	Name of the Institution/University
1	B.Sc	1989	PHYSICS	G.V.N.COLLEGE,KOVILPATTI
2	M.Sc	1991	PHYSICS	ANNAMALAI UNIVERSITY,CHIDAMBARAM
3	B.Ed	1994	EDUCATION	BHARATHIYAR UNIVERSITY,COIMBATORE
4	M.Ed	2001	EDUCATION	ANNAMALAI UNIVERSITY,CHIDAMBARAM
5	M.Phil	2006	PHYSICS	V.H.N.S.N.COLLEGE,VIRUTHUNAGAR
6	Ph.D	2010	PHYSICS	ANNA UNIVERSITY,CHENNAI

**Ph.D thesis title, Institute/Organization/University and Year of Award:**

<b>S.No.</b>	<b>Ph.D thesis title</b>	<b>Field of Specialization</b>	<b>Institute/ University</b>	<b>Year of Award dt/mm/yr (viva voce date as per syndicate communication)</b>
1	EFFECT OF TEMPERATURE ON THERMODYNAMIC AND TRASPOT PROPERTIES OF HOMOLOGUS AMINO ACIDS AND 4-AMINO BUTYRIC ACID IN AQUEOUS SOLUTIONS OF METFORMIN HYDROCHLORIDE AND SALBUTAMOL SULPHATE	ULTRASONICS	ANNA UNIVERSITY, CHENNAI	22-10-2010

### **TEACHING EXPERIENCE:**

<b>S.No.</b>	<b>Positions held</b>	<b>Name of the Institute</b>	<b>Designationn</b>	<b>From</b>	<b>TO</b>
1	TEACHING	P.S.R.ENGINEERING COLLEGE, SIVAKASI.	ASSISTANT PROFESSOR	04-11-1999	28-06-2013
2	TEACHING	MANNAR THIRUMALAI NAICKER COLLEGE ,MADURAI	ASSISTANT PROFESSOR	01-10-2013	TILL DATE

S. No	Name of the Professional Development Programme	Date and No. of Days	Name and address of the Institution imparting training
1	In-Service Teacher Training Programme in "Physical Sciences"	05 <sup>th</sup> & 6 <sup>th</sup> May 2022	Sri Meenakshi Government Arts College for Women, Madurai

**Orientation/ Refresher Course Attended (other than MTNC):**

S.No	Orientation/ Refresher Course	Theme	Name of the Institution/University	Month and Year
1	UGC Sponsored	Orientation	Madurai Kamaraj	FEB 2015
2	UGC Sponsored Refresher Course	Interdisciplinary Avenues For Advancement in Basic Sciences	Madurai Kamaraj University	NOV 2016
3	UGC Sponsored Refresher	Teacher	Bharathiar	JAN 2020
4	Empanelled Training	National Service	Avinashilingam	DEC 2014
5	UGC –Sponsored online Refresher Course	Physics & Nanotechnology	Bharathiar	Sep 2021

**Faculty Development Programme/Short Term Course attended (other than MTNC):**

S.No	Faculty Development Programme/Short Term Course	Title of the Programme/Course	Name of the Institution/University	Month and Year
1	TRAINING	MENTAL HEALTH FIRST AID	RGNIYD- MSCIMHR, MADURAI	MAR 2017

Training Programmes :1

**Books/Reports/Chapters/General articles etc:**

S.No	Title	Author's Name	Publisher	ISBN number	Year
1	GEMOLOGY	S.S.JAYABALAKRISHNAN	Shanlax Publications Madurai	978-93-90082-15-5 COPYRIGHTS	June 2020
2	LASER AND ITS APPLICATIONS	S.S.JAYABALAKRISHNAN	Shanlax Publications, Madurai	ISBN:978-93-93737-23-6 COPYRIGHTS	January 2022

3	Physics Appliances in Everyday Life	S.S.JAYABALAKRISHNAN	Shanlax Publications, Madurai	ISBN:978-93-94899-63-6 COPYRIGHTS	JULY 2022
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### Chapters/General articles etc:

S.No	Title of the chapter in edited volume	Title of the Book	Name of the Publisher	ISBN No	Year
1	Budding Undergraduate Science Teaching During the Corona Virus Pandemic :Use of Digital Technologies	New Approaches in Education	L ORDINE NUOVO PUBLICATION	ISBN:978-93-92995-18-7	January 2022
2	Physics Courses: Teaching-Learning Experience of a Support Teacher and a Student with Low Vision and Blindness	Essentials of Techno Pedagogy	SHANLAXPUBLICATIONS,MADURAI	ISBN:978-93-93737-85-4 COPYRIGHTS	February 2022

### RESEARCH EXPERIENCE:

**Research Guidance:Recognized as a Supervisor to Guide Ph.D - No:1636**

**Madurai Kamaraj University**

S.No.	Research Level	Guiding	Submitted	Awarded
1	Ph.D	CO- GUIDE	-	Awarded-1
2	M.Phil	1	Submitted	Awarded
3	Ph.D	3	PURSUING	-

**Publications (List of papers published, in year wise descending order):**

S. No	Title of the paper	Name of the Authors	Name of Journal	Month & Year	ISSN	Volume & Issue
1	Mg <sup>2+</sup> ion-conducting ceramic solid electrolytes based on Moringa oleifera seed and magnesium nitrate for secondary magnesium battery applications	Vignesh, N.M., <b>Jayabalakrishnan, S.S.</b> , Selvasekarapandian, S. <i>et al.</i>	Ionics	Dec2023	0947-7047	December 2023
2	Synthesis and luminescence investigation of Ba <sub>2</sub> V <sub>2</sub> O <sub>7</sub> -co-doped Dy <sup>3+</sup> /Eu <sup>3+</sup> phosphor for white light-emitting diode applications	N.VenkateshBharathi, P. Kavitha, S.Ramaswamy, <b>S.S.Jayabalakrishnan</b> , K. Sakthipandi	Indian Journal of Physics	Jan2023	0973-1458	
3	Proton conducting MoringaOleifera seed-based biomaterial electrolyte for electrochemical application	Muniraj @ Vignesh N <b>Jayabalakrishnan S.S</b> Selvasekarapandian S, AafrinHazaana S , Kavitha P , Venkadesh Krishna M	Ionics	Oct 2022	0947-7047	
4	Turning of luminescence properties of Ba <sub>2</sub> V <sub>2</sub> O <sub>7</sub> phosphors by co-doping Eu <sup>3+</sup> /Dy <sup>3+</sup> ions	N.VenkateshBharathi, P. Kavitha, S.Ramaswamy, <b>S.S.Jayabalakrishnan</b> , K. Sakthipandi	Bulletin Materials Science	Sep2022	<b>0973-7669</b>	45/1-9
5	Synthesis and characterization of a novel Ba <sub>2-x</sub> V <sub>2</sub> O <sub>7</sub> :xDy <sup>3+</sup> phosphor by hydrothermal method for WLED applications	N. VenkateshBharathi, T. Jeyakumaran, S. Ramaswamy, <b>S.S. Jayabalakrishnan</b>	AIP Conference Proceedings	Aug 2021	020052	2352(1)
6	Synthesis and characterization of a Eu <sup>3+</sup> -activated Ba <sub>2-x</sub> V <sub>2</sub> O <sub>7</sub> :xEu <sup>3+</sup> phosphor using a hydrothermal method: a potential material for near-UV-WLED applications	N. VenkateshBharathi, T. Jeyakumaran, S. Ramaswamy, <b>S. S. Jayabalakrishnan</b>	Luminescence: The journal of biological and chemical luminescence	Feb2021	849-859	36(4)

7	“Synthesis and characterization of self-activated Ba <sub>2</sub> V <sub>2</sub> O <sub>7</sub> nanophosphor: A Potential Material for W-LED	<b>S.S.Jayabalakrishnan,</b> B.Venkatesh Bharathi,S.Ramasamy	Materials Research Express	NOV 2019	20531 591	<u>Volume</u> 6, <u>Number</u> <u>10</u>
8	Volumetric Properties of L-Phenylalanine in Aqueous solutions of Salbutamol Sulphate in the Temperature Range 298.15 to 318.15K	Mohamed Roshan, Jenifer Raja Ruby and <b>Jayabalakrishnan.S.S.</b>	Sadakath:A Research Bulletin	Jan 2019	2347- 7644.	Vol vi
9	A comparative study of attitude of final year undergraduate students of colleges of rural and urban areas of Madurai district towards Environment Education	<b>S.S.Jayabalakrishnan</b> and V.Ramachandran	Shanlax International Journal of Arts ,Science and Humanities	2017	Issn:2321 -788X	Vol5
10	Ultrasonic studies of 4 – aminobutyric acid in aqueous metformin hydrochloride solutions at different temperatures	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>International Journal of Thermophysics</i>	Nov 2010	15729 567, 01959 28X	Vol. 31 issue 11 – 12
11	Volumetric and viscometric studies of 4 – aminobutyric acid in aqueous solutions of metformin hydrochloride at 308.15, 313.15	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>Serb. Chem. Soci. 76(1)</i>	Jan 2011	<b>0352- 5139</b>	76(1) · J January 2011
12	‘Ultrasonic studies of 4 – aminobutyric acid in aqueous solutions of salbutamol sulphate at different temperatures	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>Chinese Journal of Chemical Engineering</i>	Aug 2010	1004- 9541 .	18(4)

13	Effect of temperature on volumetric and viscometric properties of homologous amino acids in aqueous solutions of Metformin Hydrochloride at different temperatures	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>Chinese Journal of Chemical Engineering</i>	Sep 2009	1004-9541 .	18(3)
14	Volumetric, ultrasonic speed and viscometric studies of salbutamol sulphate in aqueous methanol solution at different temperatures.	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>Journal of Chemical Thermodynamics</i>	Aug 2010	0021-9614 ..	42
15	Volumetric and viscometric studies of 4 – aminobutyric acid in aqueous solutions of salbutamol sulphate at 308.15, 313.15 and	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>Chinese Journal of Chemical Engineering,</i>	Oct2009	1004-9541 .	<i>Vol. 17, No.5</i>
16	Viscometric, volumetric and acoustical studies of metformin hydrochloride in both aqueous and non-aqueous media at 303.15 K’,	Rajagopal K. and <b>Jayabalakrishnan S.S.</b>	<i>J. Pure and Applied Ultrasonics</i>	Feb2006	0256-4637	<i>VOL 28</i>

Research Articles Published in Proceedings:

S.No	Name of the Author/Authors	Title of the Article	Title of the Conference/Seminar	International/ National /State level	ISBN Number	dt/mm/yr
1	Rajagopal K. and Jayabalakrishnan S.S.	“Apparent molal volume, apparent molal compressibility and viscosity B –Coefficient of Metformin hydrochloride Water and Methanol at different temperature”	World Congresson Engineering Technology	Shanghai, China 363 – 6,IEEE press	-	Oct 28 – November 2, 2011
2	S.S.Jayabalakrishnan	Voices for Barrier – Free Environment in India”.	National Congresson “Disability, Barrier – Free Campus and Higher Education in India	National/SDRS, New Delhi in Dravidian University, Kuppam	-	25 <sup>th</sup> and 26 <sup>th</sup> March 2013
3	S.S.Jayabalakrishnan	“Providing Barrier Free Environment to the Disabled Students”	National Congresson “Disability, Barrier – Free Campus and Higher Education in India	National/SDRS, New Delhi in Dravidian University, Kuppam	-	25 <sup>th</sup> and 26 <sup>th</sup> March 2013
4	Rajagopal K. and Jayabalakrishnan S.S.	Electrostriction Effect of an Aqueous Metformin Hydrochloride with Glycine	Recent Trends in Ultrasonic Applications of Medical Physics	National	ISBN:978-93-85399-20-6	31/07/2015
5	S.S.Jayabalakrishnan	Thermal Performance of Evaluation and Economics of Industrial Solar Water Heating System	1 <sup>st</sup> International Conference on “Energy, Environment and Engineering” ICEEE-2016	COIBATORE INSTITUTE OF TECHNOLOGY		29 <sup>th</sup> Feb to 2 <sup>nd</sup> March, 2016
6	S.S.Jayabalakrishnan	“Advanced Topics in Interdisciplinary research in chemistry and Physics	Meditional Chemistry in Nano Drugs	SRNM Colege, Sattur		02/03/2019
7	S.S.Jayabalakrishnan	Disability Inclusive Disaster Risk Management in India	Economic Impact of National Disaster	SDRS, New Delhi & Seismological Research Institute, Gandhinagar, Gujarat		11 <sup>th</sup> July. 2019
8	S.S.Jayabalakrishnan	Contemporary and Upcoming Issues in the field of	Climate Change ,Intellectual Property & The Scope of	PG and Research Department of Commerce, MTNC		28-03-2022



		Intellectual Property Rights	Cultivating Microbes in Indian Agricultural Soil Field			
9	S.S.Jayabalakrishnan	Present Scenario in Mathematical Research-PSMR 2022	Comparison of a Few Mathematical Applications in Advanced Level Physics	PG and Research Department of Mathematics,MTN C		22-04-2022
10	S.S.Jayabalakrishnan	DAE – BRNS 9th Interdisciplinary Symposium on Materials Chemistry,	Study of Biomaterial WithaniaSomnifera based membrane electrolyte for Mg battery,	BARC Mumbai		07-12-2022
11	S.S.Jayabalakrishnan	DAE – BRNS 9th Interdisciplinary Symposium on Materials Chemistry,	Development of Biomaterial Electrolytefor Solid State Magnesium-ion Battery,	BARC Mumbai		07-12-2022
12	S.S.Jayabalakrishnan	INTERNATIONAL CONFERENCE ON WOMEN IN ELECTROCHEMISTRY	Preparation of MoringaOleifera Seed Based Solid Membrane Electrolyte for Rechargeable Li+ Ion Conducting Battery Applications	ICWEC – 2023, Bangalore IISc		07-04-23
13	S.S.Jayabalakrishnan	INTERNATIONAL CONFERENCE ON WOMEN IN ELECTROCHEMISTRY	Fabrication of Primary Sodium-Ion Battery by using Biopolymer Electrolyte based on Gellan Gum/NaI	ICWEC – 2023, Bangalore IISc		07-04-23

## Paper presented in Conference/Seminar:

S.No	Title of the Paper	International / National /State level	Title of the Conference	Institution/College Name	dt/mm/yr
1	<i>“Thermodynamical studies of metformin hydrochloride in non-aqueous media at different</i>	National	18 <sup>th</sup> National Symposium on Ultrasonics held at National Physical laboratory ,	National Physical laboratory ,New Delhi	December 2009.
2	<i>“A comparative study on the attitude of the final year under graduate studentsof colleges in rural and urban areas of virudhunagar district towards environment education”.</i>	National	NAAC sponsored National Seminar on ‘Quality Enhancement andSustenance in the Institutions of Higher Education with Rural and Semi Urban Background’	G.V.N. College, Kovilpatti	7 <sup>th</sup> and 8 <sup>th</sup> October 2010
3	<i>“An innovative activity breakinga big concept down into small parts”.</i>	National	UGC sponsored Regional Seminaron Science Education	Gandhigram Rural University	15 <sup>th</sup> and 16 <sup>th</sup> December 2010
4	<i>“Evolution of Science Curriculum through Ages”.</i>	National	UGC sponsored National Seminaron Emerging Perspectives in	Peet Memorial Training College, Mavelikara, kerala	1 <sup>st</sup> and 2 <sup>nd</sup> March 2012
5	<i>“Developing Teacher Competencies in Using Technologies: Role of Teacher Education”.</i>	National	UGC sponsored National Seminar on Trends in Teacher Education	Dravidian University, Kuppam, Andhra Pradesh	25 <sup>th</sup> and 26 <sup>th</sup> September , 2012
6	<i>“Enabling the Disabled inFarming Activities”</i>	National	National Symposium on Disability Management in Agriculture and Farming	SDRS, in New Delhi	1 <sup>st</sup> to 4 <sup>th</sup> Feb, 2013
7	Economic Impact of Natural Disasters	National	National workshop on Disability Inclusive Disaster Risk Management in India	Institute of Seismological Research,Gujarat	11 <sup>th</sup> &12 <sup>th</sup> July 2019
8	Science and Technology in Tamil Folklore	International	International Conference on Tamil Folklore	MannarThirumalaiNaicker College	31 <sup>st</sup> March 2022

9	Science Facts in Tamil Literature	National	Multidisciplinary Documents in Tamil Grammar and Literature	MannarThirumalaiNai cker College	08 <sup>th</sup> February2023
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### Detail of Project:

S.No	Project Title	Name of Applicant(s)	Status	Amount	Agency	Year
1	“Synthesis And Characterization Of Eu <sup>3+</sup> Activated Ba <sup>2+</sup> -Xv <sup>207</sup> :Xeu <sup>3+</sup> Phosphor By Hydrothermal Method”	S.S.JAYABALAKRISHNAN	Submitted	20000	Institution Sponsored Seed Money Project	2020
2	UBA-Under MHRD	S.S.JAYABALAKRISHNAN	Submitted	50,000	UBA MHRD	2020
3	“Volumetric, ultrasonic speed, and viscometric studies of Hydroxychloroquine Sulphate in aqueous methanol solution at different temperatures”	S.S.JAYABALAKRISHNAN	Submitted	25000	Institution Sponsored Seed Money Project	2021

### OTHER EXPERIENCE:

#### Professional Recognition/Award/Prize/Certificate,Fellowship received:

S.No	Name of Award	Awarding Agency	Year
1	BEST YOUNG SCIENTIST AWARD	NOVEL RESEARCH ACADEMY	2019-2020
2	BEST RESEARCH PAPER AWARD	NOVEL RESEARCH ACADEMY	2019-2020
3	BEST TEACHER AWARD	MADURAI TAMIL FOLKLORE RESEARCH FOUNDATION	2021-2022
4	BEST RESEARCHER AWARD	INSTITUTIONAL	2022-2023

#### Membership in Academic/Professional Bodies:

S.No	Name of the Body	Capacity
1	<b>ACOUSTICAL SOCIETY OF INDIA</b>	<b>LIFE MEMBER</b>
2	<b>ULTRASONIC SOCIETY OF INDIA</b>	<b>LIFE MEMBER</b>
3	<b>ISTE</b>	<b>LIFE MEMBER</b>

## FDP/Workshop Attended (other than MTNC):

S.No	International/ National / State Level	Title of the Programme/ Course	Name of the Institution/ University	dt/mm/yr
1	National	14 <sup>th</sup> National Level Symposium on "Acoustics"	Bundelkhand University, Jhansi	16 <sup>th</sup> February 2006
2	National	one day workshop on "Environmental Pollution"	SSN College, Chennai	5 <sup>th</sup> June 2006
3	National	Seminar on "Recent Trends in Medical Instruments"	Government Engg. College. Tirunelveli	29-03-2007
4	National	3 day seminar on "Nano Technology"	KSR institute of technology,	11 <sup>th</sup> and 12 <sup>th</sup> January 2009
5	National	two day workshop on "Nano Materials"	KSR institute of technology, Tiruchencode	11 <sup>th</sup> and 12 <sup>th</sup> January 2007
6	National	one day workshop on "Recent Trends in Drugs"	Manomaniam Sundaranar University, Tirunelveli	30 <sup>th</sup> January 2008
7	<i>International</i>	two day international conference on "Value Based Education"	Annamalai University	6 <sup>th</sup> and 7 <sup>th</sup> November 2004
8	State Level	State level Workshop on Reforms in Curriculum Design & Evaluation Based on OBE	The Standard Fireworks Rajaratnam College for Women, Sivakasi	27-07-2019
9	National	National Workshop on Synthesis of Nanofibres	The Standard Fireworks Rajaratnam College for Women, Sivakasi	30-09-2019
10	National	Recent Trends in Energy Technologies	The American College, Madurai	14-08-2015
11	State Level	Chennai Science Festival-2017	Science City, Chennai	9 <sup>th</sup> to 12 <sup>th</sup> Feb, 2017
12	National	Atom to Star-AIR series 2014-2015	Vigyan Prasar, AIR, TNSF	15-08-2015
13	National	National Seminar on Nuclear Power-an Economical Source of	NPCIL, Kudankulam & MEPCO, Sivakasi	19 <sup>th</sup> Aug, 2016
14	National	Protection of Heritage Monuments Against Vandalism	Centre for Entrepreneurship Development, Tamilnadu	16 <sup>th</sup> Dec, 2014
15	National	Online National Faculty Enrichment Programme	IQAC, Mannar Thirumalai Naicker College	13-05-2020 To 19-05-2020

16	National	Online Faculty Development Programme- Unlocking the Potential-Role of UBA	Kalasalingam Academy of Research and Education	14-05-2020
17	National	National Level Workshop on Flipped Classroom learning tools	A.P.A.College of Arts and Culture,Palani	15-05-2020 and 16-05-2020
18	National	Webinar on How to Overpower COVID-19 Challenges	P.S.R.Engineering College,Sivakasi	20-05-2020
19	National	Webinar on Bio Diversity	Mannar Thirumalai Naicker College	22-05-2020
20	National	Webinar for Mentee Institutions Under UGC PARAMASH-SSR Preparation	The Standard Fireworks Rajaratnam College forWomen, Sivakasi	25-05-2020 To 29-05-2020
21	National	Webinar on Prevention and Protection from COVID-19	K.L.N.College of Engineering,Madurai	26-05-2020
22	International	Webinar series on Cosmology and Nanotechnology	NGM Collge,Pollachi	27-05-2020 To 29-05-2020
23	International	Webinar on Recent Trends in Applied Sciences	VHNSN College, Virudhunagar	15-05-2020 and 16-05-2020
24	National	Webinar on NAAC Accreditation Management System Demo	InPods Ed-tech	29-05-2020
25	International	International Webinar on Intellectual Property Rights-A 360 View	SB Arts and KCP Science College,Vijayapur	29-05-2020
26	National	Webinar for Mentee Institutions Under UGC PARAMASH-NAAC Accreditation Process-Dos and Don'ts	The Standard Fireworks Rajaratnam College forWomen, Sivakasi	29-05-2020
27	National	Webinar Series on Knowledge Generation in during COVID-19 Pandemic –Qualitative Research	B.T.T.C, HSNC University & University of Mumbai	01-06-2020 To 06-06-2020
28	National	Webinar on Examination Reforms and Online Assessment Tools	SGTB Khalsa College, University of Delhi	12-07-2020
29	National	National Workshop on Super Ionic Conductors and its Applications to Battery,Fuel Cell and Supercapacitor,NSICA-2022	Fatima College, Madurai	15&16-12-2022
30	State	State Level Workshop on Outcome Based Assessment and Evaluation	The Standard Fireworks Rajarathnam college for women,Sivakasi	14-02-2022

**Positions held at our college (MTNC):**

S.No	Name of position	From	To
1	NSS PROGRAMME OFFICER	06-12-2013	30-06-2017
2	ADDITIONAL EXAM COORDINATOR	01-07-2014	01-07-2017
3	DEAN OF SCIENCE	22-09-2017	22-09-2020
4	UNNATH BHARATH ABHIYAN	04-07-2023	Till Date

**FDP Attended in MTNC:**

S. No	Name of the Professional Development Programme	Date and No. of Days	Name and address of the Institution imparting training
1	Technicalities of writing Research Proposal	29 <sup>th</sup> June 2018	Mannar Thirumalai Naicker College
2	Intellectual Property Rights, Skill development Programmes, Innovations, Patents and Setting up Incubation Centres	22 <sup>nd</sup> January 2019	Mannar Thirumalai Naicker College
3	Promotion of API Score and CAS Filing	2 <sup>nd</sup> March 2019	Mannar Thirumalai Naicker College
4	One Day Training and Production Workshop on prospects of Outcome Based Curriculum	9 <sup>th</sup> March 2019	Mannar Thirumalai Naicker College
5	Outcome Based Education	28 <sup>th</sup> August 2019	Mannar Thirumalai Naicker College
6	21 <sup>st</sup> Century Skills	5 <sup>th</sup> March 2020	Mannar Thirumalai Naicker College
7	Quality Assurance and Sustenance in Higher Education	11 <sup>th</sup> March 2020	Mannar Thirumalai Naicker College
8	Enhancing Quality by Unearthing Innovative Practices-EQUIP 2022	18 <sup>th</sup> April to 24 <sup>th</sup> April 2022	18 <sup>th</sup> April to 24 <sup>th</sup> April 2022 IQAC Mannar Thirumalai Naicker College & APV Mahalakshmi college for Women with IQAC Cluster
9	Education 4.0 Sustainable	27 <sup>th</sup> April	Mannar Thirumalai Naicker College

	Economic Development	2022	
10	Dynamics of Research Publications	15 <sup>th</sup> &16 <sup>th</sup> September 2022	Mannar Thirumalai Naicker College
11	Faculty Enhancement Programme on Insights of National Educational Policy	18 <sup>th</sup> March 2023	Mannar Thirumalai Naicker College

### Guest Lecture/ Plenary Talk:

Sl.No	International/ National/ State Level	Title of the Workshop/Conference	Name of the Institution/University	Month and Year
1	State Level	Development in science	Francis Xavier Engineering College, Tirunelveli	23-01-15
2	State Level	Big Bang Theory	Sourashtra College, Madurai	19-02-19
3	Webinar	Awareness Program on National Education Policy - 2020	Unnat Bharat Abhiyan College Adopted Villages	23-09-20
4	Webinar	Awareness Program on National Education Policy - 2020	Unnat Bharat Abhiyan of M.E.T Engineering College	02-10-20
5	Resource Person-Workshop on Household Appliances(DBT-Star College Scheme)	Vivekananda College, Thiruvedakam	Medical Applications of Gemstones	19-03-22
6	Guest Lecture	VVV college For Women	Gemstone Applications in Everyday Life	29-08- 22
7	Induction Program for 1st Year Students	PSR Engineering College, Sivakasi	Applications of Gemstones	16-11-22
8	Science Expo	Idhayam Rajendran Senior Secondary School, Madurai	Time Management	19-11-22
9	Guest Lecture	PSR College of Education	Science and technology-Sustainable development in India	28-02-23
10	Special Address	NSS Camp Students	4 C 's(Concentration, Confidence, Critical Thinking and creativity) and Time Management	13-03-23