



- *Erudite academician*
- *Socially conscious researcher*
- *Administrator with impeccable career*
- *Icon in the field of Renewable Energy and Energy planning*
- *Epitome of Integrity*
- *Symbol of sincerity*
- *Illustrious alumnus of CEG*

CURRICULUM VITAE

Prof. Dr. S. INIYAN

Former Dean, College of Engineering Guindy

Anna University, Chennai

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- S. Iniyam had done BE Mechanical Engineering and subsequently he had done ME and PhD in College of Engineering Guindy (CEG), Anna University, Chennai
- He had done Post-Doctoral Research in The Hong Kong University, Hong Kong.
- He published over 300 papers in the International Journals and Conferences.
- During his service he was **Director** for Institute for Energy Studies, **Director** for placement center and **Dean** for College of Engineering Guindy, Anna University
- He has **35** years of experience in teaching, research and administration.
- He had **5** International collaborative projects and **7** Government sponsored projects.
- He has citations-**9799**, **h-index 35**, **i10-index 73**,
- He has **5** Patents
- He guided **20** PhD research scholars
- He is the Reviewer for – **15 International Journals**
- He obtained **7** prestigious awards
- He has visited 35 countries including – **USA, UK, Canada, Europe, Japan, Israel and South Korea**
- He had unique assignment from Tamil Nadu Government as – **Convener – Kudankulam Nuclear power Project**

Important Note: Prof. S. Iniyam after his retirement is visiting schools as a service to the student community by providing career guidance and giving motivational talks specially to plus 2 students.

I. PERSONAL DETAILS

Name : **S. INIYAN**

Date of Birth : May 28, 1961

Gender : Male

Citizenship status : Citizen of India

Passport Number : Z 1767063

Languages known : Tamil and English

Last position held : The Dean,
CEG Campus,
Anna University,
Chennai 600025, India

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Chennai 600025, India
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Qualification : B.E., M.E., Ph.D.

II. EDUCATION

College of Engineering, : **Ph.D.** in Mechanical Engineering
Guindy, Anna University,
a Socially Madras - 25, India.
Optimal (1998)
Model for Renewable Energy
Thesis Title: The Development of
Acceptable and Reliability based
Renewable Energy Mathematical
India

College of Engineering, : **M.E.** in Internal Combustion
Guindy, Anna University,
Madras - 25, India
(1988)
Engines

College of Engineering, : **B.E.** in Mechanical Engineering
Guindy, Anna University,
Madras - 25, (1984)

III. RESEARCH AND WORK EXPERIENCE

- Sept. 1985 - Sept. 1988 : Worked as a Teacher Trainee in the Department of Mechanical Engineering, Anna University, Madras.
- Oct. 1988 - Sep. 1994 : Worked as a Lecturer in the Department of Mechanical Engineering, Anna University, Madras.
- Oct. 1994 – Oct. 1998 : Worked as a Senior Lecturer in the Department of Mechanical Engineering, Anna University, Chennai
- Oct. 1998 – Oct. 2006 : Worked as Assistant Professor in the Department of Mechanical Engineering, Anna University, Chennai
- July 1999 - Mar. 2000 : Done Post Doctoral research in the Department of Mechanical Engineering, The University of Hong Kong, Hong Kong
- Oct. 2006 – May 2021 : Worked as Professor, Institute for Energy Studies, Department of Mechanical Engineering, Anna University, Chennai.
- Teaching UG : 1. Gas Dynamics and Jet Propulsion
2. Engineering Management
3. Renewable Energy Systems
- PG : 1. Design of condensers, evaporators and cooling towers
2. Energy forecasting, modeling and project management
3. Renewable Energy Systems
- Research : Guided projects for Under Graduate and Post Graduate students in the field of Renewable Energy Systems.
- : Guided Ph.D research work in the field of energy modelling, wind energy system, solar thermal and Solar PV system.

Total experience in Teaching and Research – 35 yrs.

IV. INTERNATIONAL COLLABORATIVE PROJECTS

S.No.	Funding Agency / Scheme	Project Title	Funding Amount (Rs.)	Project Duration
1.	DST India-Croatia Project	Energy models for effective utilization of energy sources in India and Croatia.	4,27,000	2006-2009
2.	DST India-Australia Project	Technical and economic assessment of improved solar photovoltaic linear concentrators and determination of market potential in India.	46,36,280	2008-2010
3.	DST India-Italian Project	Energy Planning using Optimization methodology.	. 4,95,000	2009-2012
4.	DST India-Israel Project	Solar power with steam injection gas turbine cycle.	18,28,900	2011 - 2013
5.	UKIERI India-UK project	Desalination powered by sustainable energy for water and food	14,48,000	2015 - 2016

V. FUNDED RESEARCH PROJECTS

S.No.	Funding Agency / Scheme	Project Title	Funding Amount (Rs.)	Project Duration
1.	AICTE	Reliability Studies on Wind Turbine Generators for Space Cooling in Rural Areas for Food Storage Applications.	500,000	1999 – 2002
2.	IGIDR	Environment Life Cycle Analysis- Measuring consumer & Manufacturer Response to Environmental Pricing of Automotive Gadgets.	500,000	2000 – 2003
3.	UGC Major Research project	Renewable Energy Substitution using Neuro-Fuzzy approach in Global Energy-Economy-Environment Model.	7,81,800	2010 - 2013
4.	UGC project	Development of low carbon technologies for storage and drying of agricultural products.	60,00,000	2010 - 2015
5.	DST-NRDMS Project	An innovative Solar Parabolic Trough Collector with secondary & end reflector to deliver boiled water for Scheduled Tribal community for Socio-Economic Development.	20,00,000	2016-2018
6.	DST-NSTMIS	Energy management strategies of IOT on smart grid using Scientometric analysis and socio-techno-economic survey	11,03,000	2019-2021
7.	PMMMNTT Scheme by Gandhigram Rural University	Promoting the Solar thermal technologies and energy storage systems with developed prototype models for Science, Technology, Engineering and Mathematics (STEM) faculties and students	3,29,700	2019-2020

VI. CONTINUING EDUCATION PROGRAMME ORGANISED

- i. Organized a short-term course on *Reliability of Renewable Energy Systems* for teachers and Industrialists during 17-18, July 2000.
- ii. Organized a workshop on Recent Trends in Renewable Energy for Research scholars and post graduate students during February 2011
- iii. Organized a workshop on Renewable Energy Systems for Research scholars and post graduate students during March 2012
- iv. A Seminar on Tamilnadu Solar Energy Policy 2012 was organized for Heads of Institutions, Chennai Region on December 6, 2012
- v. Organized an International Workshop on Renewable Energy, Climate Change & Energy Management during January 24 - 25, 2013
- vi. Organized an Indo-UK workshop on water desalination on April 2016
- vii. Organized Short Term Training Course for TANGEDCO Engineers on “Performance Enhancement of Recent Higher Capacity Boilers” during January 3-5, 2017

VII. PROFESSIONAL BODY AFFILIATION

- i. Member of Indian Society for Technical Education (ISTE).
- ii. Member of Society of Mechanical Engineers (SME).
- iii. Executive Member of Quality Circle Forum of India (QCFI).
- iv. Member of the technical committee of The International Association of Science and Technology for development (IASTED)
- v. Member – Board of studies of the Department of Mechanical Engineering, PSG Tech. Coimbatore.
- vi. Member – Board of studies of the Faculty of Mechanical Engineering, Anna University, Chennai

- vii. Member – Board of studies of the School of Mechanical & Construction, Veltech University, Chennai
- viii. Member – Admission fee fixation committee for affiliated engineering colleges of Anna University.
- ix. Member – Board of studies of the Department of Mechanical Engineering, Karpagam University, Coimbatore
- x. Member - Board of Studies of Faculty of Mechanical Engineering for the Affiliated Institutions of Anna University
- xi. Member – Governing Council – Tamil Nadu Energy Development Agency, (TEDA) Government of Tamil Nadu.
- xii. Member – Academic Council of Department of Mechanical Engineering, SSN College, Chennai.
- xiii. Member – Academic Council of Department of Mechanical Engineering, Venkateshwara Engineering College, Sriperumpudur, Chennai
- xiv. Member – Academic Council of Department of Mechanical Engineering, Mahendra Institute of Engineering and Technology, Namakkal.
- xv. Member – Governing Body Meeting, IFET, College of Engineering, Villupuram.
- xvi. Chairman – Governing Council Meeting, PSR Engineering College, Virudhunagar, Sivakasi.
- xvii. Member – Result passing board, PSR Engineering College (Autonomous), Virudhunagar, Sivakasi.
- xviii. Member – Inspection Committee for sanctioning Autonomous status – Dr Mahalingam College of Engineering, Pollachi.
- xix. Member – Inspection Committee for sanctioning Autonomous status – Vivekanandha College of Engineering for Women, Namakkal.
- xx. Member – Inspected RMK Engineering College for sanctioning Green Campus status.
- xxi. Member – UGC, New Delhi Selection Committee for selecting project proposal
- xxii. Chairman – Inspection Committee for sanctioning affiliation status for various affiliated engineering colleges in Chennai.

VIII. CONTRIBUTIONS AS DIRECTOR, INSTITUTE FOR ENERGY STUDIES, ANNA UNIVERSITY (2008-2013)

- Overall administration of the Institute for Energy Studies, Anna University
- Started a new full time post graduate programme – ME Solar Energy. It is an unique and very first programme in India
- Developed curriculum and syllabus for ME Solar Energy programme
- Instrumental to receive 20 million rupees fund from Ministry of New and Renewable Energy, Government of India to support post graduate students, research scholars, Chairperson and to establish the solar energy laboratory
- Received FIST (Fund for Improvement of S&T Infrastructure) project from DST (Department of Science and Technology, Government of India)
- Established Solar energy Laboratory
- Developed Simulation Laboratory
- Created a new Seminar Hall
- Renovated class rooms, faculty rooms, library, office etc.
- Instrumental in creating MoU with Polytechnico di Bari, Italy and Michigan Technological University, USA
- Instrumental in establishing MoU with Vestas wind energy company Ltd.
- Interacting with International Institutions and Universities for collaborative research and faculty exchange programme
- Organized series of workshops in the area of Renewable Energy for the benefit of faculty, research scholars and post graduate students
- Organized an International Workshop on Renewable Energy, Climate Change & Energy Management during January 24 - 25, 2013
- Instrumental to receive consultancy research from Tamilnadu Energy Development Agency to assess the biomass potential in the state of Tamilnadu.
- Have sent research scholars to abroad such as USA, Australia, Italy and UK to carry out their research work.

IX. CONTRIBUTIONS AS DIRECTOR, CENTRE FOR UNIVERSITY INDUSTRY COLLABORATION, ANNA UNIVERSITY (2020-2021)

Placements: (1115 students)

There are 172 Companies visited AU-CUIC and recruited 907 UG Students and 208 PG students (exclusive offers) with a salary package ranging from Rs.3.30 Lakhs to Rs. 20.50 Lakhs per annum.

Internship: (184 students)

There are 44 Companies offered 102 internships to UG Students and 82 internships to PG students with stipend ranging from Rs.10,000/- to Rs.1,00,000/- per month.

Tamil Nadu State Level Placement Program:

CUIC conducted Tamil Nadu State Level Placement Program (TNSLPP) for the benefit of the students from Affiliated Engineering Colleges and University / Constituent Colleges under Anna University. M/s Infosys Limited was participated in this drive and 621 students were placed.

CSR Initiatives:

- **M/s Renault Nissan Technology & Business Centre India Private Limited (RNTBCI)** CUIC, Anna University jointly with M/s RNTBCI as its trusted academic partner implemented their CSR initiative across the State of Tamil Nadu in the following areas:
- **Scholarship (Rs. 18 Lakhs)** (continuing from 2nd year onwards) for the final year students **(60)** studying in the University Departments (CEG / MIT campuses) of Anna University.
- **Scholarship (Rs. 30 Lakhs)** (continuing from 2nd year onwards) for the pre-final year students **(100)** studying in the University Departments (CEG / MIT campuses) and University Engineering Colleges of Anna University.

- **Scholarship (Rs. 30 Lakhs)** for the 2nd year students **(100)** studying in the University Departments (CEG / MIT campuses) and University Engineering Colleges of Anna University.

Titan Company Limited (1240 Students)

CUIC jointly with M/s Titan and Naandi Foundation has successfully conducted the “Online Interview Skill Training Program” for the students studying in the 13 University Engineering Colleges, free of cost during June / July / August 2020. This training programme consists of aptitude, verbal and reasoning through **online mode (80 hours) and five days class room sessions**. Totally **1240 students** are undergoing this training programme.

Temenos India Private Limited

CUIC, Anna University jointly with M/s Temenos India Private Limited as its trusted academic partner implemented their CSR initiative in the following areas:

- **Scholarship (Rs. 13.80 Lakhs)** (continuing from 2nd year onwards) for the pre-final year students **(46)** studying in the University Departments (CEG / MIT campuses) of Anna University.
- **Scholarship (Rs. 13.80 Lakhs)** for the 2nd year students **(46)** studying in the University Departments (CEG / MIT campuses) of Anna University.

Autodesk India Private Limited:

CUIC, Anna University jointly with M/s Autodesk India Private Limited has successfully conducted the Fusion 360 Design Monthly Challenge Competition during July / August / September / October / November 2020. Totally 53 candidates were selected as Winners and Runner-up. The cash prize was transferred to the selected students through NEFT.

Other Initiatives:

RUSA 2.0

- CUIC jointly with Siemens Centre of Excellence conducted Programme on “Career Guidance” (Skill Development Programme) offered under RUSA 2.0 for the UG and PG students of MIT campus.
- CUIC jointly with Guvi Geeks conducted 2 days Train-the –Trainer programme on Python Skills for the faculty members working in University Engineering Colleges and affiliated engineering colleges of Anna University.

Signing of Memorandum of Agreement / Letter of Intent (MoA / Lol)

- Signing of **MoA** with M/s Renault Nissan Technology and Business Centre India Private Limited was signed to offer Scholarship, to conduct Sensitization Programme on Career Opportunities in Mechanical Engineering for Girl students “Women in Mechanical (Win-Mech) and Employability - Skill Enhancement Programme (E-SEP).
- Signing of **MoA** with M/s Autodesk India Private Limited to Set-up the Autodesk Design Lab for Training and Certification purposes in ANNA University, Chennai. AUTODESK agrees to work with COLLABORATOR in setting up an exclusive Autodesk Design Lab by granting free Autodesk software. COLLABORATOR agrees to setup a 25 seating lab with all necessary infrastructure including Computers with high end configuration to support installation of the software.
- Signing of **MoA** with M/s Dun & Bradstreet Technologies & Data Services Private Limited to offer Scholarship to the 100 students (2020- 2024 Passing Out) of 2nd year studying in the circuit branches and Mechanical of University Departments (CEG / MIT campuses) and University Engineering Colleges of Anna University.

X. CONTRIBUTIONS AS DEAN, COLLEGE OF ENGINEERING, GUINDY, ANNA UNIVERSITY (2020-2021)

- Overall administration of the College of Engineering, Guindy, (CEG), Anna University
- Monitoring 18 departments in the CEG campus.
- First year BE and ME admissions
- Conduction of technical student events for the entire college
- Mentoring 20 number of student clubs' activities
- Facilitating students to apply for government scholarship schemes
- Inviting private trusts and Alumnus to sponsor the deserving students
- Facilitating students for their Bona-fide certificates and Transfer certificates
- Maintaining smart class rooms facilities in the campus
- Chairman of the Standing Committee on Affiliation. Various norms are framed to give Anna University affiliation for private colleges
- Warden for CEG hostels.
- Monitoring and maintenance of 14 boys hostels and 8 girls hostels
- Facilitating the hostel students with necessary amenities and quality mess
- Observing cleanliness and quality of food in the hostels
- Involving students in the purchase committee and maintenance committee in the hostel.
- Steps taken to make the campus green
- coordinating NSS, NCC, NSO, YRC programs in the campus
- Implemented renewable energy systems such as solar PV plant and bio gas plant in the hostels.
- During Covid-19, precautions implemented in the entire college campus and hostel zones.

XI. CONTRIBUTIONS AS CONVENER FOR KUDANKULAM NUCLEAR POWER PROJECT (2012)

- The Chief Minister of Tamil Nadu has appointed Dr S. Iniyan as Convener for Kudankulam Nuclear Power project committee to inspect the safety measures of the power plant.
- With the Convener the four-member committee inspected the safety aspects incorporated in the Kudankulam Nuclear Power plant.
- The Convener and the committee have come to know that there are 7 important safety precautions adopted in the power plant.
- The Convener and the committee had a meeting with the District Collector, District sub-collector, IPS officer and the team of people who were agitating in bringing the power plant.
- During the meeting, the agitators vehemently told that the plant should be shut down immediately.
- The Convener wisely handled the agitators and explained the working of the power plant and the safety aspects.
- The Convener addressed media several times and conveyed the people of Tamil Nadu about the safety aspects in the Nuclear Power Plant at Kudankulam.
- The Convener and the committee have made a detailed report on the safety aspects of the power plant and submitted to the Chief Minister of Tamil Nadu.
- The Chief Minister of Tamil Nadu took an immediate action and controlled the agitators.
- Currently, two reactors of each 1000 MW are functioning and generating the electricity.
- In Tamil Nadu the power cut is minimized to a greater extent after functioning of Nuclear power plant in Kudankulam.
- All the agitations against this Nuclear Power Plant were vanished.
- The Government of Tamil Nadu appreciated the contributions of Prof Iniyan committee.

XII. Ph.D. GUIDANCE (Degree awarded – 21 Nos., Ongoing – 2 Nos.)

Sl. No.	Name of the Scholar	Research Title	Status
01.	P. Somasundaram	Investigations on exergo-economic aspects of Auto Refrigerating Cascade (ARC) system using environment friendly refrigerants.	Degree Awarded
02.	S.Kalaiselvam	Critical studies on air distribution in Air-conditioned building to meet Indoor Air Quality (I A Q) standards	Degree Awarded
03.	S. Jebaraj	Development of Energy Forecasting model using Artificial Neural Network and Optimal Electricity Allocation model using fuzzy linear programming for India	Degree Awarded
04.	R. Karunakaran	Studies on energy conservation potential in air handling system using Genetic based Fuzzy logic controller	Degree Awarded
05.	G Kumaresan	Experimental investigation and computational analysis on solar domestic cooking unit integrated with phase change material based storage system	Degree Awarded
06.	Joseph Daniel	On the techno economics of solar photovoltaic linear concentrator based combined heat and power systems.	Degree Awarded
07.	G. Venkatesan	Investigations on a Single Stage Flash Evaporative Desalination system using Condenser Reject Heat	Degree Awarded
08.	A. Immanuel Selwynraj	Studies on solar hybrid Steam Injection Gas Turbine (STIG) cycle for Indian conditions	Degree Awarded
09.	Jee Joe Michael	Experimental studies and comparative analysis on various flat plate roof mounted solar energy systems	Degree Awarded

Sl. No.	Name of the Scholar	Research Title	Status
10.	K. Balaji	Thermodynamic analysis of new absorbent-refrigerant for vapour absorption system using improved flat plate solar collector	Degree Awarded
11.	D. Sakthivadivel	Performance enhancement of an Advanced Micro-gasifier cook stove	Degree Awarded
12.	Arun Jernick	Development of a multi-dimensional wind turbine service quality scale and assessing the service quality gaps among wind turbine customers	Degree Awarded
13.	Dsilva Winfred Rufuss D	Experimental investigation on the effects of nanoparticle enhanced phase change material (NPCM) in solar desalination	Degree Awarded
14.	K. Sakunthala	Long Term Energy Forecasting And Resource Optimization For Tamil Nadu State	Degree Awarded
15.	L. Anto Joseph Deeyoko	Experimental Analysis studies on Concentrated PV/T Systems	Degree Awarded
16.	D. S. P. Preetham Kumar	A New Design Methodology and performance analysis of a low wind speed turbine	Degree Awarded
17.	T. Habeebur Rahman	Prediction of Electricity Consumption and emission for India till 2050 using various forecasting techniques	Degree Awarded
18.	N. Kalaiselvan	Design, Construction, and Analysis of Ridge concentrator PV system for small-scale applications	Degree Awarded

Sl. No.	Name of the Scholar	Research Title	Status
19.	K. Arshad Ahmed	Numerical and Experimental Investigation on A Parabolic Trough Receiver Tube with Toroidal Rings for Improved Thermal Performance	Degree Awarded (Research Coordinator)
20.	G. K. Manikandan	Analysis on two axis solar thermal concentrators	Thesis Submitted
21.	A. Shyam	Analysis of Parabolic Trough Collector with Fresnel Lens as Secondary Reflector	Thesis Submitted

XIII. REVIEWER FOR INTERNATIONAL JOURNALS

1. Applied Energy – An International Journal
2. Biomass and Bioenergy – An International Journal
3. International Journal of Exergy
4. IEEE – An International Journal
5. Fuzzy Sets and Systems – An International Journal
6. International Journal of Sustainable Energy
7. Thermal Science – An International Journal
8. Renewable Power Generation – An International Journal
9. ENERGY – The International Journal
10. Renewable and Sustainable Energy Reviews – International Journal
11. Solar Energy – An International Journal
12. Energy policy – An International Journal
13. International Journal of 'POWER & ENERGY systems
14. Renewable Energy – An International Journal
15. Energy Conversion and Management – An International Journal

XIV. Awards and Recognitions

- 1 Received **Active Researcher Award 2011** from Anna University, Chennai
- 2 **Convener** of the experts committee for the **Kudankulam nuclear power project** nominated by the state government of Tamilnadu
- 3 **Expert committee member** on 'Geothermal Energy Resources and Management' nominated by Department of Science and Technology, Government of India
- 4 Received "**Mass Cargo Endowment Prize**" for the year 2010-11 for guiding the best UG project work in Thermal Engineering by Anna University, Chennai.
- 5 Awarded a **special prize and Certificate of** appreciation under the "Student Innovative Project" from CTDI, Anna University, Chennai for the project "Development of an advanced micro-gasifier cook stove for clean combustion of rural India" in January 2018.
- 6 Awarded **Certificate of Appreciation** for having published **more than 100 research papers** in Scopus Indexed Journals in 2019 by Anna University, Chennai.
- 7 Received **Best Paper Award** for the Paper titled, Energy Education for Sustainable Development of Nation among Prospective Teachers, in National Seminar on "Innovations in Education for Sustainable Development (NSIESD)" held during 17th & 18th January 2019 at Gandhigram Rural Institute, Gandhigram.

XV. TRAVEL ABROAD

Country Visited	Purpose	Duration of Visit
South Korea	Paper presented in the Solar World Congress	August, 24-29, 1997
Hawaii, USA	Attended leadership seminar	August 4-25, 1998
Singapore	Delivered guest lecture in National University	Sep, 1998
Hong Kong	Undergone Post-Doctoral Research in the University of Hong Kong	July 2, 1999 – March 30, 2000
Singapore	Paper presented in the International Conference	Nov.2, 2000 – Dec.2, 2000
Hong Kong	Paper presented in the International Conference	Dec. 3, 2000 – Dec. 6, 2000
Hong Kong	Delivered guest lecture in the Polytecnic University	June 2002
Malaysia	Delivered guest lecture in the Putra University Malaysia	June 2002
Toronto, Canada	Paper presented in the International Conference	September 12-15,2006
Croatia	Indo – Croatia Joint project	June 28 – July 31, 2007
Bari, Italy	Established MoU with Politecnico di Bari , Italy	July 10-20, 2007
Croatia	Indo – Croatia Joint project	June 21 – July 20, 2008
Bari, Italy	Established research activities	July 5 – July 15, 2008
Croatia	Indo – Croatia Joint project	June – July 2009
Hungary	Research activity	July 2009
Austria	Research activity	July 2009
Spain	USAID visit	October 2009
China	International Conference	November 2009
Australia	Indo-Australia joint project	Feb-March 2010
Bari, Italy	Indo-Italy joint project	November 2010

Country Visited	Purpose	Duration of Visit
Phoenix, USA	International conference	Jan-Feb 2011
Houghton, US	Exchange visit to Michigantec	April-May 2011
Bari, Italy	Indo-Italy joint project	July-August 2011
Philadelphia, USA	International Conference	March, 2012
Israel	Indo-Israel joint project	June-July 2012
Israel	Indo-Israel Joint Project	May 2013
Mexico	ISES Solar World Congress	November 2013
Orlando, USA	Florida Solar Energy Center	November 2013
Croatia	ISES conference	October 2014
South Africa	Solar Energy Conference	May 2015
Birmingham, UK	UKIERI project	June 2015
Daegu, Korea	Solar World Congress (ISES)-2015	November 2015
Birmingham, UK	UKIERI project	June 2016
Sofia, Bulgaria	Expert group meeting 'Solar Energy	November 2016
Berlin, Germany	International conference on Renewable energy and development	September 2017
Yokohama, Japan	Grand renewable energy 2018 International Conference	June 2018
Scotland, UK	Visited Edinburgh, UK through Erasmus program	July 2019

XVI. LIST OF RESEARCH PUBLICATIONS

PAPERS PUBLISHED IN REFEREED INTERNATIONAL JOURNALS

1. **Iniyam S.**, Suganthi L. and Jagadeesan T.R., Mathematical Model for Utilization of Renewable Sources of Energy in a Developing Country like India, ***Renewable Energy***, Vol.5, Part II, pp.2448-2451, September 1994.
2. **S. Iniyam**, L. Suganthi, T.R. Jagadeesan, "Fault analysis of wind turbine generators in India", ***Renewable Energy***, Volume 9, Issues 1–4, September–December 1996, Pages 772-775.

3. **Iniyan S.** and Jagadeesan, On the Development of a Reliability Based Optimal Renewable Energy Model for the Sustainable Energy Scene in India, ***Ambient Energy***, Vol.18, No.3, pp.153-164, July 1997.
4. **Iniyan S.** and Jagadeesan T.R., A Comparative Study of Critical Factors Influencing the Renewable Energy Systems use in the Indian Context, ***Renewable Energy***, Vol.11, No.3, pp.299-317, 1997.
5. **Iniyan S.**, Suganthi L. and Jagadeesan T.R., Renewable Energy Planning for India in 21st Century, ***Renewable Energy***, Vol.14, No.1-4, pp.453-457, 1998.
6. **Iniyan S.**, Suganthi L. and Anand A.Samuel, Stability and Consensus Analysis on the Delphi Study for the Utilisation of Renewable Energy Sources in India, ***Ambient Energy***, Vol.19, No.4, pp.171-180, October 1998.
7. **Iniyan S.**, Suganthi L. and Jagadeesan T.R., Critical Analysis of Wind Farms for Sustainable Generation, ***Solar Energy***, Vol.64/4-6, pp.141-149, January 1999.
8. **Iniyan S.** and Jagadeesan T.R., Effect of Wind Energy System Performance on Optimal Renewable Energy Model - An Analysis, ***Renewable and Sustainable Energy Reviews***, Vol.2/4, pp.327-344, January 1999.
9. **Iniyan S.**, Suganthi, L., Jagadeesan T.R. and Anand A.Samuel, Reliability based socio economic optimal renewable energy model for India, ***Renewable Energy***, Vol.19, pp.291-297, 2000.
10. **Iniyan S.**, Sumathy, K. Suganthi L. and Anand A.Samuel, Sensitivity Analysis of Optimal Renewable Energy Mathematical Model on Demand Variations in India, ***Energy Conversion And Management***, Vol.41(2), pp. 199-211, 2000.
11. **Iniyan S.**, and Sumathy K. An optimal renewable energy model for various end-uses, ***Energy***, Vol.25, pp.563-575, 2000.
12. **Iniyan S.**, Suganthi L. and Anand A. Samuel, A survey of social acceptance in using renewable energy sources for the new millennium, ***Renewable Energy***, Vol.24, pp. 657-661, 2001.
13. **Iniyan S.** and Sumathy K. The application of a Delphi technique in the linear programming optimization of future renewable energy options for India, ***Biomass & Bioenergy***, Vol.24, Issue 1, PP.39-50, January 2003.

14. Kalaiselvam. S, Robin J.R, **Iniyam S.**, Suganthi. L., and Anand A. Samuel, Empirical Formulation for Air Terminal Placement Favoring Thermal comfort, ***International Journal of Eco Librium – AIRAH***, Vol.2, pp. 18 – 22, Nov.2003.
15. Somasundaram. P., Dinakaran. R., **Iniyam S.**, Anand Samuel. A. A., Exergy based refrigerant selection and simulation of auto refrigeration cascade (ARC) system, ***International Journal of Exergy***, Vol.1,No.1, pp. 60-81, 2004.
16. Kalaiselvam S., Robin J.R., Jose S., **Iniyam S** and Anand A. Samuel, A Survey Of Indoor Air Quality Problems In Air-Conditioned Buildings In India, ***Indoor Air***, vol.15, no.11,p.42, 2005.
17. **Iniyam S.**, Suganthi L. and Anand A. Samuel, Energy models for commercial energy prediction and substitution of renewable energy sources, ***Energy Policy***, Vol.34, pp.2640-2653, 2006.
18. Jebaraj S and **Iniyam S**, A Review of Energy Models, ***Renewable & Sustainable Energy Reviews***, Vol.10 , pp. 281-311, 2006.
19. Jebaraj S and **Iniyam S**, Renewable Energy Programmes in India, ***International Journal of Global Energy Issues***, Vol.26, Nos.3/4, pp.232-257, 2006.
20. Joselin Herbert G.M., **Iniyam S.**, Sreevalsan E. and Rajapandian, Prospects of wind energy in India, ***International Journal of Global Energy Issues***, Vol.26, Nos.3/4, pp.258-287, 2006.
21. Kalaiselvam. S, Vidhya sagar Velichet., **Iniyam S** and Anand A. Samuel, Comparative energy analysis of a constant air volume (CAV) system and a variable air volume (VAV) system for an software laboratory, The ***International Journal of Ventilation***, Vol. 5, No.2, pp. 229 – 238, 2006.
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Papers Published	Nos.
International Journals	139
National Journal	7
International / National Conference	152
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