



S.A. ENGINEERING COLLEGE

Sponsored by Dharma Naidu Educational and Charitable Trust
NBA Accredited and ISO 9001 : 2008 Certified Institution
Approved by A.I.C.T.E. and Affiliated to Anna University
Poonamallee - Avadi Main Road, Thiruverkadu, Chennai - 600 077.
Phone : 2680 1999, 2680 1499, Fax : 2680 1899



D. DURAISWAMY
CHAIRMAN

Date: 12.11.2013

Ref No: SAEC/Principal/2013

TO WHOM IT MAY CONCERN

This is to certify that **Dr. S. SUYAMBAZHAHAN** is working as **PRINCIPAL** of esteemed S. A. Engineering College since 02.11.2009. He pursued the Doctoral Degree from India's premier institution, **Indian Institute of Technology Madras (IITM)**. He has **splendid 25 years of teaching and research experience** out of which he is continuously working as **PRINCIPAL** in reputed institutions from 10.09.2004 to till date (**9 years and 2 months**). He is a multi talented person with humanitarian, academic, administrative, and research excellence.

He is intelligent, sincere, dynamic, honest, highly motivated, inspiring, outcome oriented, and a high reverence person. He is capable of extreme hard work and pursues task with a high degree of perseverance until its successful completion and inculcate hidden talents. He has great skills in organizing things from scratch to shine and his educational ideologies are well accepted and prolific. He can pacify any kind of disputes. He is a visionary leader to manage educational transformation in the institution to develop high academic appreciation in a background of superb postural care and to make a real difference to student's lives in a totally innovative education setting. The kernel of his heart is filled up with mercy and kindled many for his simplicity. He is student centric and very proficient in handling classes to the students and in addition to the administrative work. He works for the betterment of the students community round the clock and always engaged in helping the needy.

I found him very good in pedagogy, communication, candidness, research and delegation. His idiosyncrasies are always positive and ultimate. He has developed good research skills in both computation and experiment and enhanced his understanding of the physical aspects of Heat Transfer and Fluid Flow.

During the tenure of his service as **Principal** he has made many revolutionary changes in the college and always engaged in bringing laurels to the college which shows the positive sign to take the college to top most places and it gives mammoth delight in listing few of his successful endeavors which made the college becoming a pioneer institution. He is continuously striving hard to achieve Program Educational Objectives (**PEOs**), Program Objectives (**POs**) so as to meet the standards of National Board of Accreditation (**NBA**), National Assessment and Accreditation Council (**NAAC**), University Grants Commission(**UGC**), All India Council for Technical Education (**AICTE**), Anna University etc., also he is very proficient in preparing manuscripts for the same without consultancy.

Excellence is to do a common thing in an uncommon way. As rightly stated by Booker T. Washington, when many colleges focus on theoretical oriented education, he made quality,

D. Duraiswamy
CHAIRMAN

industry oriented and value added education prevailing in the college campus by comprehending the needs of the students, teachers, staff and stakeholders. To meet the satisfaction of the stakeholders, working hard with fullest interest and involvement is must. He created such working atmosphere prevailing in the college. Also he transformed the good qualities in him such as honesty, ability to delegate, communication, sense of humor, confidence, and commitment, positive and inspiring attitude. The outcome of this, the college excels in all aspects.

Many value added-courses/enrichment programmes for improving moral and ethical values, employable and life skills, better career options and community orientation are concentrated more and more and hence the professional degree holder of the college are not only technically sound but physically, mentally, ethically and socially etc.,

Stakeholders' feedback gives satisfaction and improvement as it is being generous. He made the college academic and administrative system to acquire feedback from the stakeholders periodically for the betterment of the community in all aspects. Because of his efforts in this regard, the communication between the Alumni, Industry, University, Society is radically improved and many short term courses, faculty development programmes, motivational programmes, seminars, workshops are being conducted for the betterment of staff and students as and when required in order to be cope up with the current contemporary technological world. Being an environment conscious person, he had set up **"Go Green strategy"** in the college campus and promotes environment and social awareness by the Social Service Committee which is solely established for the welfare of villages, schools, colleges etc.,

Planning is the base for any implementation. This intellectual Principal with good principles **Dr. S. Suyambazhahan** is well known for his curriculum planning and implementation, academic flexibility and curriculum enrichment ideas. He is a principled Principal and he obtained best Principal award from Jaya Educational Trust. The teaching and learning, academic and administrative performance of the institution is showing growth day by day because of the implementation of his own and creative committee based quality improvement system which is being the college's Internal Quality Assurance System (IQAS) and he created this system with an aim to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

He is most popular in many colleges for his cognizance, governance, leadership magisterial, and managerial skills. The college is amazed for his untiring efforts for strategy development and deployment, faculty empowerment strategies, financial management and resource mobilization, implementation and overall supervision (**Chairperson**) of the Internal Quality Assurance Cell (IQAC) for taking the college a level up in all the aspects. There are 30 committees formed by him which aims to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. He has multi-disciplinary skills in administration and acted as **Chief Superintendent, Chairman and Camp officer** for the conduct and central valuation of the Anna University examinations several times at this college centre for about 13 years. He acted as the **Zonal Coordinator** for

Zone-I consist of 25 engineering colleges in Chennai in erstwhile Anna University of Technology Chennai for which the college is selected as the Zonal Office and was appreciated by all and sundry.

To improve the teacher quality, he is too conscious in appointing highly cognizable and qualified faculty members. He has made all the staff members to come under professional bodies like ISTE, IEEE, SAE, CSI, etc., in order to be in touch with the latest happenings in the areas of Engineering and Technology. He also holds membership in several professional bodies which includes **ISTE (Life member since 1988)**, SAE, IEEE etc., which shows his exposure in the fields of Engineering and Technology. To improve the employability skills of the students, he conducted various career guidance, training and placement activities accordingly many passed out students obtained job in reputed and Top MNCs. He holds the credit of making many entrepreneurs and the list is augmenting every day.

Research is creating new knowledge. To justify Neil Armstrong's words, a research and development committee is constituted by him in the college. Because of that, the college marvels in the initiatives taken up by him by seeding the research foundation among the teachers and students by eliminating many blind spots in research activities. He developed and deployed his action plan in getting many project proposals, grants, funds through National funding agencies like AICTE, DST, DRDO, ISRO etc., and now about **1,00,00,000/- rupees (One Crore)** worth project works are being carried out in the college out of which he is one of the **Principal Investigators** for the project funded by **AICTE** for the worth of **Rs. 12,00,000/-**. This committee is doing promotion of research activities such as release of resource, setting up infrastructure and human resource, time-off, special leave, support in terms of technology and information needs, timely auditing etc., He is the root cause for making Mechanical, ECE, EEE departments of college to be the approved research centre of Anna University to ease up the research works of scholars who are currently pursuing their doctoral degree. He is a reviewer of several international journals and published many engineering text books and published variety of articles in standard magazines, national and international conferences etc. He also delivered many motivational, educational and technical speeches in high TRP rated televisions like DD-Podhigai etc., which created more awareness in the society about engineering. For the benefit of both staff and student's community, he inaugurated several curricular, co-curricular and extra-curricular events and was awarded with many academia awards.

I feel confident that his drive and abilities will truly be asset to any institution/organization in which he is employed. As per his service records and many service activities, I found **Dr. S. Suyambazhahan** is the **best Principal** among the Principals worked in this college from the inception (1997-98) of the college. He is a Principal of great demand, in the hunt of engineering college Principal. In view of above, I have no doubt that **Dr.S.Suyambazhahan** will be eligible for getting "**Best Engineering College Principal Award**". I wish him all the best in his professional career.



CHAIRMAN
S.A. ENGINEERING COLLEGE
POONAMALLEE - AVADI ROAD,
VEERARAGHAVAPURAM,
THIRUVERKADU POST,
CHENNAI 600 037.



JAYA EDUCATIONAL TRUST

No.8, II Main Road, Krishnapuram,
C.T.H. Road, Thiruninravur, Chennai - 602 024.
Phone : 2639 0682, Fax : 2639 0982
E-mail : akv@md4.vsnl.net.in

Prof.A.Kanagaraj, M.A., M.Phil.,
Chairman

Mrs.K. Vijayakumari, M.A., B.Ed.,
Secretary

Date: 31.07.2010

TO WHOM IT MAY CONCERN

This is to certify that **Dr. S. SUYAMBAZHAHAN** was working as **Professor & Head** and **PRINCIPAL** in **JAYA** Group of Engineering Colleges from 02.06.2003 to 16.06.2008. During that period I have observed his grow into a poised and accomplished "Young Principal". He displayed good leadership skill during his service.

He is very sincere, committed and highly motivated person. He pursues a challenging career and be a part of a progressive organization with dedication & hard work. He is capable of extreme hard work and pursues task with a high degree of perseverance until its successful completion. He has great skill in organizing things from scratch to shine.

He is a "Visionary Leader" to manage educational transformation in the institution to develop high academic appreciation in a background of superb postural care and to make a real difference to student's lives in a totally innovative education setting. He is a good administrator also.

He handled classed for both UG and PG students in addition to the Administrative works. I found him very good in communication and a potential teacher and also a good researcher. He has published several papers in National and International Journals and conferences.

He sincerely served for students and teachers community to become a worth citizen. Also he organized many activities like Symposium, NSS Camp, Health awareness program etc for the benefit of the faculties, students and to the society. He worked as '**PRINCIPAL**' for 3 years in **LCR College of Engineering and Technology; it is one of our group of Engineering Colleges** which is located in rural place, Kanchipadi. He served in that institution for systematic transformation of the "**Rural Students**" into highly motivated Graduates with Professional competence.

Contd.....

****2****

He participated and inaugurated several events in our group of Engineering Colleges and also other colleges. He is the members of several professional Societies. He acted as Chief Examiner, Chief Superintendent, Chairman and camp officer several times for the Anna University examinations.

I feel confident that his drive and abilities will truly be asset to any institution or organization in which he is employed. As per his service records, I strongly recommend **Dr. Suyambazhahan** for "**Best Principal Award**".


CHAIRMAN

Chairman / Secretary 8/7/10
JAYA EDUCATIONAL TRUST
Off. No. 8, 2nd Main Road,
Krishnapuram,
Thiruninravur - 602 024.

الرقم : التاريخ : ١٤٣ / / هـ

المرفقات : الموضوع :

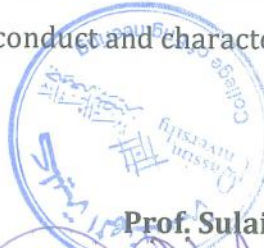
TO WHOM SOEVER IT MAY CONCERN

CERTIFICATE

This is to certify that **Prof. Dr. S. SUYAMBAZHAHAN** was working as **Professor** in Department of Mechanical Engineering, College of Engineering, Qassim University, Al-Qassim, Buraydah, Kingdom of Saudi Arabia on contract basis for two academic years (2016-2018). He was working under me in Solar Energy Projects and International Conference on "Applications and Challenges of Solar Energy in Saudi Arabia". As a Chief Patron of the conference, I found that he is excellent in administration and organizing things from scratch to shine. Also he has very good reputation with international keynote speakers from various countries in the world.

He is very sincere, efficient, and hardworking and highly motivated person. His dedication and ability to focus and concentration on the work in hand is something which has pleased me very much. He was teaching Thermo-fluids courses for the Mechanical, Electrical and Civil Engineering students with very good concepts, examples and applications. He has good aptitude for pursuing higher level research in this university. He will be asset to the institution in which he will be employed. I wish him all the best in his professional Career.

He bears exemplary conduct and character.



Sulaiman

Prof. Sulaiman Abd Elaziz Al Alyahya
Vice-President[Ex]

جميع برامج التطوير والتنمية والجودة

Qassim University, KSA
الجامعة معتمدة من

الهيئة الوطنية للتقويم والإعتماد الأكاديمي

٢٠١٣ - ٣٠ - أبريل ٢٠١٧

The College programs are accredited by ABET



The University is accredited By NCAAA

(National Commission For Academic Accreditation and Assessment)

May 1. 2013 . April 30. 2017





Date: 02.06.2005

TO WHOMSOEVER IT MAY CONCERN

I have known Dr.Suyambazhahan very well for the past 5 years. He worked as a **Project Officer** in two Research Projects funded by Indira Gandhi Centre for Atomic Research (IGCAR) from 06.01.2000 to 01.06.2003, under my supervision. He has also completed the Ph.D. Research programme on **“Numerical and Experimental Study of Jet Oscillations”** at the Department of Mechanical Engineering, Indian Institute of Technology Madras under the combined guidance of my colleague Dr.Sarit Kumar Das and myself.

Suyambazhahan is a sincere and highly motivated person. I am of the opinion that he has a good aptitude for pursuing a career in academic and research & development. In particular, he has a strong background in numerical modelling of heat transfer and flow problems. He is capable of extreme hard work and pursues any task with a high degree of perseverance until its successful completion. He will be asset to the organisation in which he is employed. He has published many papers in various National and International Journals and Conferences.

Suyambazhahan is also a person of high integrity and *excellent* character. He can work individually or as a team member. I am sure that he will be successful in his academic and research career. I very strongly recommend him for a suitable position in any organisation in the country.

T. Sundarajan
T.SUNDARARAJAN

Dr. T. SUNDARARAJAN
Professor
Thermodynamics and Combustion
Engineering Laboratory
Dept. of Mechanical Engg.
I.I.T Madras, Chennai-600 036.



Heat Transfer & Thermal Power Laboratory
Department of Mechanical Engineering
Indian Institute of Technology Madras
Chennai – 600 036 (INDIA)

Dr. Sarit Kumar Das
Professor

☎ : (0091) 044 – 22578550
Fax : (0091) 044 – 22570545
E-mail : skdas@iitm.ac.in
sarit_das@hotmail.com

Date: 02.05.2005

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Dr.S.SUYAMBAZHAHAN** has carried out his research work on “*Numerical and Experimental Study of Jet Oscillations*” for three and half years under my supervision for his Doctoral Degree. While doing his doctoral work he also worked as a **Project Officer** in two research projects on “*Thermal Hydraulic Investigations of Thermal Striping in the Hot and Cold pools of Liquid Metal Fast Breeder Reactor (LMFBR)*” and “*Thermal Hydraulic Analysis of Intermediate Heat Exchanger(IHX)*” sponsored by Department of Atomic Energy, Kalpakkam.

As a supervisor, I have no hesitation in expressing that it was really a delightful experience to guide a hard working scholar like Mr.Suyambazhahan. He was dedicated to research throughout the entire course of the work and very keen in learning in every step. He has great skill in organising things from scratch. His understanding in Computational Fluid Dynamics (CFD) and Heat Transfer is also commendable, which he has developed during simulating spatially and temporally oscillating jets. He has published many papers in various National and International Journals and Conferences.

Mr.Suyambazhahan also assisted me in teaching at Indian Institute of Technology Madras. I found him very good in communication and an excellent potential teacher. Mr.Suyambazhahan is also very co-operative and very humble in his approach and he bears a very good moral character.

In view of above I have no doubt that Dr.Suyambazhahan will proved to be successful in an academic and research career anywhere in the country. I wish him all the best in his professional career.

Dr. SARIT KUMAR DAS

Dr. SARIT KUMAR DAS
Professor
Heat Transfer & Thermal Power Laboratory
Department of Mechanical Engineering
Indian Institute of Technology, Madras
Chennai - 600 036, India



Department of Mechanical Engineering
Indian Institute of Technology Madras
Chennai 600 036

Dr. V. Ganesan
Professor

Date: 02.05.2005

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Dr. S. Suyambazhahan** has carried out his Doctoral research work (**Ph.D.**) at the Department of Mechanical Engineering, Indian Institute of Technology Madras during the period 2000-2003. I found **Suyambazhahan** to be exceptionally dedicated, hard working and possessing good organizational capabilities. He has developed good skills in both computation and experiment during this time and enhanced his understanding of the physical aspects of Heat Transfer and Fluid Flow. He has also helped in the teaching of Power Plant Engineering in our Department and presented a number of seminars as a part of his Ph.D. programme which clearly demonstrated his potential in academic and research activities. He has published many papers in various National and International Journals and Conferences.

Suyambazhahan is a sincere and highly motivated person. I am sure that he will be successful in his academic and research career in future. He bears a very good moral character and he is very friendly to his co-workers. I wish him all the best in his professional career.

Yours sincerely,

(V. GANESAN)

Dr. V. Ganesan
Professor
Internal Combustion Engines Laboratory
Department of Mechanical Engineering
Indian Institute of Technology Madras
Chennai - 600 036

 2257 8502 / 8506
Fax : 044 22575 8501

email : vganesan@acer.iitm.ernet.in
ganesan_iitm@yahoo.com