

RESUME

R.MUTHALAGU,M.E.Ph.D

*No:103/6,19thstreet,
Lblock,AnnanagarEast,C
hennai-600102.*

*Phone:9841391234,
8838087425*

E-mail:rajamuthalagu1970@gmail.com



EducationalQualification:

S.No	Name of the Degree	Name of the Institution	Specialization	Year of Completion
1	Ph.D.	Anna university, Chennai	Faculty of Information and Communication	2019
2	M.E	Anna University, Chennai	ECE (Medical Electronics)	2005
3	AMIE	Institute of Engineers, India	Electronics and Communication Engineering	2001

ProfessionalQualification:

S.No	Name of the Institution	Post Held	Period
1	Karpaga Vinayaga college of Engineering and Technology	Professor and Head	June 2023 to till date
2	Agni College of Technology	Professor	February 2019 to 13.6.2023
3	Dhanalakshmi College of Engineering, Chennai	Associate Professor	May 2016 - February 2019
4	Prathyusha Institute of Technology and Management, Chennai	Associate Professor	June 2007 - May 2016
5	Jaya Engineering College, Chennai	Sr. Lecturer	Jan 2006 - May 2007
6	Vel'ssrinivas college of Engineering and Technology, Chennai	Lecturer	Mar 2002 - Jan 2006

THESIS TITLE:

A Non invasive screening tool for anaemia using image processing and ANN

The study was approved by the ethics committee of Vision Research Foundation (Studycode-598-2017-P) Sankara Nethralaya, Chennai and obtained a written consent from all study participants before enrolling them in the study.

LIST OF SIGNIFICANT PUBLICATIONS:

1. T.Senthilkumar, Ashok vajravelu, R.Muthalagu, P.Srilatha , Detection and classification of Alzheimers using superresolution algorithm and convolution neural network, International journal of medical engineering and informatics , 10.1504/IJMEI.2022.10050896.
2. Dr.S.Vijayanand, R.Muthalagu, Dr.M.Ganesh Mani, Dr.M.Annalakshmi, An approach to deep learning based on discrete wavelet transform for the diagnosis of epilepsy, NeuroQuantology, August 2022 page no 8941-8955, vol 20, doi 10.147404/nq.2022.20.10.NQ55879.
3. R.Muthalagu, T.Senthilkumar, L.Mohanasundari, M.Nalini, "Detection of diabetic severity from fundus images: DCNN, International journal of medical engineering and informatics", 10.1504/IJMEI.2022.10050840
4. Dr.R.Muthalagu, Dr.S.Vijayanand, Dr.M.Ganesh Mani, "Glaucoma diagnosis utilising Le-Net and supervised machine learning techniques in retinal fundus images" NeuroQuantology | July 2022 | Volume 20 | Issue 8 | Page 3793-3806 | doi:10.14704/nq.2022.20.8.NQ44409
5. M.MOHAMMED MUSHEER, K.NANDHINI, N.SARANRAJ, DR.R.MUTHALAGU, "TYPE OF SKIN DISEASE IDENTIFICATION BY MACHINE LEARNING USING PYTHON", International Journal of Science & Engineering Development Research (www.ijedr.org), ISSN:2455-2631, Vol.6, Issue 3, page no.498 - 503, March-2021
6. R.Muthalagu, A web application for estimation of human health status using eye images, International advanced research journal in science, Engineering and Technology, vol 8, issue 2, ISSN 2393-8021.
7. R.Muthalagu , Balahariharan .V , Barathwaj .N , Deepan .S , Gogul Raja .K .P , "Detection of Sick Cell Anemia in RBC By using Image Processing, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 9, Issue 3, March 2020, ISSN (Print) :2320–3765.
8. R.Muthalagu, Ranjitha. B, Rekha. K, Ravisankar. K, (2020), "Smart diagnosis: diagnosis of anaemia using smartphone", The International journal of analytical and experimental modal analysis, The International journal of analytical and experimental modal analysis, Volume XII, Issue III, March/2020. Volume XII, Issue III, March/2020, ISSN NO:0886-9367
9. Raja Muthalagu, Vijayan Thulasi Bai, Doreen Gracias and Sheila John (2018), "Developmental screening tool: Accuracy and feasibility of non-invasive anaemia estimation", Technology and Health Care 26(2018)723–727

10. R.Muthalagu, V.Thulasi Bai and Sheila John, (2018), "ASmart(phone)Solution: Aneffectivetoolfor - Correlation with conjunctiva pallor and haemoglobin levels", TAGA JOURNAL VOL. 14, pp.2611-2621.
11. Muthalagu.R, Jireesha.R (2016), "Image Segmentation Using Novel Social Spider Algorithm for Global Optimization", International Research Journal of Engineering and Technology (IRJET) e-ISSN:2395-0056 Volume:03 Issue :02.
12. Muthalagu.R, T.Deepa, K.Chitra (2015), "MEM Based Brain Image Segmentation and Classification Using SVM", ARPN Journal of Engineering and Applied sciences, VOL. 10, NO. 8, MAY 2015, ISSN 1819-6608
13. R.Muthalagu, B.Ashish, "Image Based Authentications system", EXCITE'13, CiiT International Journal of Biometrics and Bioinformatics Vol 5, No 6 (2013), ISSN 0974 – 9675 & Online: ISSN 0974–956X.
14. R.Muthalagu, G.Purna Chandra, and M.Moorthi (2013), Medical Image Fusion Using Cross Scale Coefficient, International Journal of Research in Information Technology (IJRIT), International Journal of Research in Information Technology (IJRIT), Volume 1, Issue 11, November, 2013, Pg.365-372.
15. R.Muthalagu, E.U.Iniyan, "Analyzes of image fusion using wavelet transform and second generation curvelet transform", CiiT International Journal of Digital Image processing, Print: ISSN 0974 – 9691 & Online: ISSN 0974–9586.
16. R.Muthalagu, Deepak.S.Thomas, M.Moorthi, "Medical Image Compression Based On Automated Roi Selection For Telemedicine Application", International Journal Of Engineering And Computer Science ISSN:2319-7242, Volume 3 Issue 1, Jan 2014 Page No.3638-3642.
17. R.Muthalagu, S.Swarnamukhi, "Combination of Wavelet and Fast curvelet based image fusion in medical research applications", National conference on Recent advances in communication, Electrical and Electronics and information Technology, ISBN-13:978-81-8209-282-2, Vol 1, Page 187.
18. R.Muthalagu, Performance Comparison of Cross Coefficient Fusion with Dual Tree Complex Wavelet Transform, National Conference On Biomedical Instrumentation And Assistive Technologies -27-28 June 2014

APPRECIATION/AWARD

- NPTEL's Brand ambassador.
- NB A coordinator at Prathyusha Engg. College and was successfully received the accreditation
- Received cash award for producing 100% results in the University Examination in the subjects Advanced Digital Signal Processing, Digital Image Processing

- Received an appreciation – as Coordinator For the National Conference-EXITE 2013 At PITAM in association with IETE.

Reviewer

- Reviewer of the journal, Journal of Ambient Intelligence and Humanized Computing
- Reviewer of the journal Transactions on computational biology and bioinformatics
- Reviewer of the journal, Current Journal of Applied Science and Technology
- Reviewer of the journal Plos one
- Reviewer of the International Journal of Biomedical Science and Engineering
- Board membership of the journal “*Cardiovascular & Hematological Agents in Medicinal Chemistry (CHAMC)*”
- board membership of “*Current Chinese Medical Science*”
- Executive Guest Editor at, The Open Public Health journal
- Section Editor of The Chinese Journal of Artificial Intelligence

Administrative Experience

- Academic Coordinator at Agni College of Technology.
- Overall Coordinator for DARM at Agni college of Technology
- Slow learners coordinator and achieved result by mentoring the students
- NAAC coordinator at Dhanalakshmi College of Engineering
- IQAC Incharge
- NBAC Coordinator @ Agni college of Technology
- Symposium coordinator @ Agni college of Technology
- Special mentor for slow learners
- Sent proposals to various funding Agencies
- A Proposal sent to DST-FIST was selected for project under consideration
- Quality improvement cell Coordinator
- SPOC-NPTEL brand ambassador.
- Organizes NPTEL Online Examination
- Organizes Spoken Tutorial, IIT BOMBAY
- Organizes MOOC COURSES
- Coordinator for A VIEW Online courses in association with Amirtha University and Anna university
- Student Affairs
- NBA Coordinator - TIER II Application – Responsible For Programme Curriculum , Programme Specific Criteria , Justification of programme curriculum with programme specific criteria , Relevance of Curriculum component with PO & PEO, Relevance of Core Engineering Subjects with

PO ,IndustryInteraction&Internship,Process to Identified curriculum caps, Content beyond curriculum.

- ISO coordinator
- Coordinator For Set Up Various Special Labs
- Recruitment Incharge – Teaching And Non-Teaching
- Project Coordinator
- Organizer And Coordinator For various Symposiums/Workshops/Conferences/Faculty Development Programme

PROFESSIONAL ACTIVITIES

- Establishment of various labs both at UG and PG level.
- Served as a coordinator for AICTE sponsored Two weeks Staff Development Programme on “Bounded and Unbounded Communication” at Prathyusha Institute of Technology and Management, Chennai.
- Organized a one day workshop on “ Modern Communication Lab Station” for Teaching and Non-Teaching faculty at Prathyusha Institute of Technology and Management, Chennai.
- .Organizer and Coordinator for Two days National Conference on “Recent Advances in Communication, Electrical & Electronics and Information Technology” RACEIT-2011 in association with IETE, Chennai Centre at Prathyusha Institute of Technology and Management, Chennai
- Organizer and Coordinator for Two days International Conference on “Advances in Electrical, Electronics Information, Communication and Biotechnology “ AEEICB -2012 in association with IETE, CSIR, IEEE and BRNS at Prathyusha Institute of Technology and Management, Chennai
- Organizer and Coordinator for Two days National Conference on “Expanding Horizon in computer , information technology , Telecommunication and Electrical and Electronics “ EXITE - 2013 in association with IETE, Chennai Centre at Prathyusha Institute of Technology and Management, Chennai
- Arranged many seminars and Guest Lectures for students.

PROFESSIONAL MEMBERSHIP

- ✓ Life Member of “The Indian Society for Technical Education (ISTE)”, India
- ✓ Life member of “The Institute of Electrical and Telecommunication Engineers (IETE)”, India.
- ✓ Member of “Institute of Electrical & Electronics Engineers (IEEE)”, USA


भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग III—खण्ड 4
PART III—Section 4
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 07] नई दिल्ली, बुधवार, जनवरी 6, 2016/पौष 16, 1937
No. 07] NEW DELHI, WEDNESDAY, JANUARY 6, 2016/PAUSA 16, 1937

अखिल भारतीय तकनीकी शिक्षा परिषद्
अधिसूचना
नई दिल्ली, 4 जनवरी, 2016

(तकनीकी संस्थाओं (डिग्री/डिप्लोमा) में शिक्षकों तथा अन्य शैक्षणिक स्टाफ के लिए अर्हताएं, वेतनमान, सेवा शर्तों, कैरियर उन्नति योजना (सीएएस) इत्यादि से संबंधित कुछ मुद्दों/विसंगतियों पर स्पष्टीकरण)

फा०सं० 27/आरआईएफडी/वेतनमान/01/2013-14—अखिल भारतीय तकनीकी शिक्षा परिषद् अधिनियम, 1987 (1987 का 52) की धारा 10 (ए) और (अ) के साथ पठित धारा 23 की उप-धारा (1) के अधीन प्रदत्त अपनी शक्तियों का प्रयोग करते हुए अखिल भारतीय तकनीकी शिक्षा परिषद् निम्न विनियम बनाती है :-

I. संक्षिप्त नाम, प्रयोज्यता एवं आरंभ :

- (क) इन विनियमों को अखिल भारतीय तकनीकी शिक्षा परिषद् [तकनीकी संस्थाओं (डिग्री/डिप्लोमा) में शिक्षकों तथा अन्य शैक्षणिक स्टाफ के लिए अर्हताएं, वेतनमान, सेवा शर्तों, कैरियर उन्नति योजना (सीएएस) इत्यादि से संबंधित कुछ मुद्दों/विसंगतियों पर स्पष्टीकरण] विनियम, 2016 कहा जाएगा।
(ख) ये उन तकनीकी संस्थाओं पर लागू होंगे जो तकनीकी शिक्षा तथा ऐसे अन्य पाठ्यक्रम/कार्यक्रम और विषय-क्षेत्र संचालित कर रहे हैं, जैसेकि परिषद् द्वारा समय-समय पर अधिसूचित किए गए हैं।

II. सामान्य

अभातशिप को अभातशिप विनियम संख्या 37-3/विधिक/अभातशिप/2010 दिनांक 05 मार्च, 2010, तकनीकी संस्थाओं (डिग्री/डिप्लोमा) में शिक्षकों तथा अन्य शैक्षणिक स्टाफ के लिए, संशोधित अर्हताएं, वेतनमान, सेवा शर्तों, कैरियर उन्नति योजना पर अभातशिप विनियम, 2010 (इसके पश्चात् इसे अभातशिप विनियम, 2010 के रूप में उल्लिखित किया गया है।) तथा अभातशिप विनियम संख्या 37-3 विधिक/अभातशिप/2012 दिनांक 08 नवम्बर, 2012 तकनीकी संस्थाओं (डिग्री/डिप्लोमा) में शिक्षकों तथा अन्य शैक्षणिक स्टाफ के लिए कैरियर उन्नति योजना विनियम, 2012 (इसके पश्चात् इसे अभातशिप विनियम, 2012 के रूप में उल्लिखित किया गया है।) को लागू करने के संबंध में उठाए गए मुद्दों पर स्पष्टीकरण की मांग करने वाले विभिन्न अभ्यावेदन प्राप्त हुए हैं। इसमें अभातशिप की पूर्व की अधिसूचनाओं के संबंध में उठाए गए कुछ मुद्दों को भी शामिल किया गया है।

(iv) उसे संयंत्र प्रशिक्षण में परिसर साक्षात्कार/कार्य मेलों आदि की व्यवस्था करनी होती तथा वह कार्मिकों और अंतिम वर्ष के छात्रों, दोनों के लिए औद्योगिक प्रायोजित परियोजनाओं की व्यवस्था भी करेगा।

(v) उसे उद्योग/शोध/सेवा क्षेत्रों के संबंधित क्षेत्र में विशेषज्ञों का डाटा बैंक सृजित करना होगा तथा छात्रों तथा स्टाँफ सदस्यों के लाभ के लिए, व्याख्यान देने के लिए उन्हें संस्थान में आमंत्रित करना होगा।

(vi) उसे उद्योगों/शोध/सेवा क्षेत्रों में छात्रों और स्टाँफ सदस्यों के लिए प्रशिक्षण/क्षेत्रीय दौरों की भी व्यवस्था करनी होगी।

(vii) उसे उद्योगों/शोध/सेवा संगठनों में प्रशिक्षु प्रशिक्षण तथा उपयुक्त नियोजन प्राप्त करने में छात्रों को भी सहायता करनी होगी। वह समूह चर्चा, वैयक्तिक साक्षात्कार और व्यवित्तत्व विकास आदि के लिए तैयारी करने वाले छात्रों को अभ्यास कराने के लिए भी उत्तरदायी होगा।

(viii) प्रशिक्षण और नियोजन अधिकारी को समस्त पूर्व छात्रों का डाटा बैंक भी सृजित करना होगा जिन्हें प्रतिष्ठित उद्योगों/शोध/सेवा संगठनों में रोजगार प्राप्त हुआ है।

(ix) संस्थान के प्रमुख द्वारा समय-समय पर सौंपे गए कोई अन्य संबंधित कार्य।

डिप्लोमा श्रेणी के संस्थान में प्रशिक्षण तथा नियोजन अधिकारियों (टीपीओ) की योग्यता, वेतनमानों तथा सेवा शर्तों पर संबंधित राज्य/संघ राज्यक्षेत्र सरकार उल्लिखित के अनुसार तथा जहाँ भी बदलाव अपेक्षित हों, निर्णय ले सकते हैं।

ये नियम राजपत्र में अधिसूचना की तारीख से प्रभावी होंगे।

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NOTIFICATION

New Delhi, the 4th January 2016

[CLARIFICATIONS ON CERTAIN ISSUES/ ANOMALIES PERTAINING TO QUALIFICATIONS, PAY SCALES, SERVICE CONDITIONS, CAREER ADVANCEMENT SCHEMES (CAS) etc. FOR TEACHERS AND OTHER ACADEMIC STAFF OF TECHNICAL INSTITUTIONS (DEGREE/DIPLOMA)]

F. No. 27/RIFD/Pay Scale/01/2013-14.—In exercise of the powers conferred under sub-Section (i) of Section 23 read with Section 10 (i) and (v) of the All India Council for Technical Education Act, 1987 (52 of 1987), the All India Council for Technical Education makes the following Regulations:-

I. Short title, Applications and Commencement:

(a) These Regulations may be called All India Council for Technical Education (clarifications on certain issues/ anomalies pertaining to Qualifications, Pay Scales, Service Conditions, Career Advancement Schemes (CAS) etc. for Teachers and other Academic Staff of Technical Institutions (Degree/Diploma)),2016.

(b) These shall apply to technical institutions conducting technical educations and such other courses/ programs and area notified by the Council from time to time.

II. General

AICTE has received several representations seeking clarifications on certain issues arising out of implementation of AICTE Regulations No. 37-3/ Legal/AICTE/2010 dated 05th March 2010 on revised Pay Scales, Service Conditions and Qualifications for the Teachers and other Academic Staff in Technical Institutions (Degree & Diploma) Regulations, 2010 (here in after referred as AICTE Regulations, 2010) and No. 37-3/ Legal/AICTE/2012 dated 8th Nov. 2012 on Career Advancement Scheme for the Teachers and other Academic Staff in Technical Institutions (Degree & Diploma) Regulations, 2012 (here in after referred to as AICTE Regulations, 2012). Some of the issues raised from the AICTE previous Notifications have also been included.

Clarifications on certain issues/ anomalies pertaining to Qualifications, Pay Scales, Service conditions, Career Advancement Schemes (CAS) etc. for Teachers and Other Academic Staff of Technical Institutions (Degree/Diploma)

The clarifications on certain issues of teachers and equivalent positions are given below:

		14 hrs/week Principal - 6 hrs/week
67		
68	Consideration for Pay Scales, qualifications, service conditions and CAS for the posts of Training and Placement officer in Degree/Diploma level Technical Institutions.	These are defined in Annexure - V .

Prof. AVINASH S PANT, Vice Chairman

[ADVT.-III/4/Exty./310]

Annexure- I

**QUALIFICATIONS FOR THE FACULTY IN HUMANITIES AND SCIENCES
IN DEGREE LEVEL TECHNICAL INSTITUTIONS**

The qualifications for the faculty (Humanities & sciences) at various levels of posts in Degree level Technical Institutions are given below. Other terms and conditions are prescribed in AICTE Regulations No. 37-3/ Legal/AICTE/2010 dated 05th March 2010 and No. 37-3/ Legal/AICTE/2012 dated 8th Nov. 2012 for Degree level Technical Institutions which shall remain unchanged.

A. ASSISTANT PROFESSOR:

- i. Master's degree in relevant subject of Humanities & Sciences with first class or equivalent, at Bachelor's or Master's Level from any recognised Indian University.
- ii. Besides fulfilling the above qualification, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.
- iii. Notwithstanding anything contained in sub-clauses (i) and (ii) to this clause; a candidate, who has a Ph.D Degree awarded before 2009, or has been awarded a Ph. D Degree after 2009 in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations, 2009, shall be exempted from the requirement of the minimum eligibility condition of NET/SLET/SET for recruitment and appointment as Assistant Professor in Technical Institutions.

B. ASSOCIATE PROFESSOR

- i. Qualification as above for the post of Asst. Professor and Ph. D degree in relevant subject.
- ii. A minimum of 6 years of experience in teaching or research at an academic/research position equivalent to that of Assistant Professor and minimum of 3 publications with good impact factor in International Journal of repute.
- iii. A minimum score as stipulated in the Academic Performance Indicator (API) based Performance Based on Appraisal System (PBAS), set out in AICTE Regulations 2012.

C. PROFESSOR

- i. Qualification as above for the post of Associate Professor.
- ii. A minimum of 10 years of teaching experience in University/college, and/or experience in research at the University/National level Institutions/ industries out of which 5 years should be at the level of Associate Professor including experience of guiding candidates for research at doctoral level.

OR

[TO BE PUBLISHED IN PART - 1 SECTION - I OF GAZETTE OF INDIA]

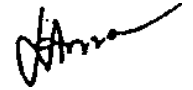
Government of India
Ministry of Human Resource
Development Department of Secondary & Higher
Education

Shastri Bhavan, New Delhi, t
he 16th January, 2006

NOTIFICATION

No.F.24-6/2002-TS.III. On the recommendations of High Level Committee for recognition of educational qualifications, Government of India has decided to recognize the following 15 courses of Section A & B Examination as revised, conducted by the Institution of Engineers (India), 8 Gokhale Road, Kolkata as equivalent to Degree in the appropriate branch of engineering of the Recognized Universities of India:-

1. Aerospace Engineering.
2. Agricultural Engineering.
3. Architectural Engineering.
4. Chemical Engineering.
5. Civil Engineering.
6. Computer Science & Engineering.
7. Electrical Engineering.
8. Electronics & Communication Engineering.
9. Environmental Engineering.
10. Marine Engineering.
11. Mechanical Engineering.
12. Materials & Metallurgical Engineering.
13. Mining Engineering.
14. Production Engineering.
15. Textile Engineering.



(Ravi

To

The Manager,
Government of India Press, F
aridabad.

Mathur) Joint Secretary to the Government of
India

Tel: 23381097

Contd./-



VEL'S SRINIVASA COLLEGE OF ENGINEERING & TECHNOLOGY

A unit of Vel's Group of Institutions, Pallavaram, Chennai.

THALAMBUR, Off Old Mahabalipuram Road, I.T. Highway,
Near Navalur, Chengalpattu Taluk, Kancheepuram District, Pincode - 603 103.

Phone : (04114) 235528 / 235771 / 235770 Fax : 235769

E-mail : velsrinivasa@vsnl.net Website : www.velsrinivasa.com

AICTE, New Delhi : Approval F.No. : 732-52-414 (E/ET/2001 Dt. 14.5.2004. Govt. of Tamil Nadu : N.O.C. No. : 3182/J1, Dt. 22.3.2001

Anna University : Affin. Lr. No. : CEP/PA-COA/SCET/2002-03 & 2003-04 Dt. 30.6.2003.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that R.MUTHALAGU was working as a Lecturer in our College from 01.03.2002 to 06.01.2006. She is very sincere and hardworking person.

Her conduct and character are good, I wish her all success in her career.

Yours sincerely,


(Dr. NARAYANAN)

Principal

Place : Chennai

Date : 06.01.2006





Phone : 2639 0041 / 2630 0982 / 2634 3121
Fax : 2634 0501

JAYA ENGINEERING COLLEGE

(AN ISO 9001 : 2000 CERTIFIED INSTITUTION)
(Approved by AICTE and Affiliated to Anna University)
(CSE, ECE & TEX DEPTS. ARE ACCREDITED BY NBA, AICTE, NEW DELHI)
C.T.H. Road, Prakash Nagar, Thiruninravur, (Near Avadi)
Chennai - 602 024. Tamil Nadu, INDIA.
E-mail : info@jec.ac.in Website : www.jec.ac.in



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

Dr. G.S. Kandasamy, B.Sc., B.E., M.Sc., Ph.D.,
Principal

22 MAY 2007

EXPERIENCE CERTIFICATE

This is to certify that Ms.R.Muthalagu worked as Senior Lecturer in Department of Electronics and Communication Engineering of our College from 11.01.2006. and was relieved as per her request on 22.05.2007.

Her conduct and character during her service in our college were good.



[Signature]
22
PRINCIPAL
JAYA ENGINEERING COLLEGE
THIRUNINRAVUR, TAMIL NADU
PIN 602 024.



PRATHYUSHA ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Accredited by National Board of Accreditation (NBA), ISO 9001 : 2008 Certified Institution
NAAC accredited A Grade Institution

Dr.P.M. Beulah Devamalar M.Tech., Ph.D.,PDF(IITM),LMISTE,FIETE,LISCA
PRINCIPAL

Lr.No. PEC/PR13/2016

04.05.2016

EXPERIENCE CERTIFICATE

This is to certify that **Ms.R.MUTHALAGU**, worked in this institution as **Associate Professor** in the Department of Electronics and Communication Engineering as follows:-

Designation	From	To
Assistant Professor	20.06.2007	08.01.2013
Assistant Professor (SG)	09.01.2013	31.07.2015
Associate Professor	01.08.2015	04.05.2016

During the period of her service in this institution, her conduct and character are good.

We wish her **all success** in her future endeavours.




PRINCIPAL

Principal,
PRATHYUSHA ENGINEERING COLLEGE
ARANVOYALKUPPAM,
TIRUVALLUR - 602 025.



DHANALAKSHMI COLLEGE OF ENGINEERING

Tambaram, Chennai - 601 301

Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
An ISO 9001 : 2008 Certified Institution
NBA accredited Courses

Dr. S. SUYAMBAZHAHAN, M.E., Ph.D (IITM)
Principal

Phone No: 044-71700800
email: principal@dce.edu.in

RELIEVING CUM SERVICER CERTIFICATE

DCE/HR/16/ Rel. Order/2019/005

Date: 16.02.2019

Sub: Muthalagu R, Associate Professor in the Department of Electronics and
Communication Engineering - Resignation accepted – Issue of relieving orders –
Regarding

Ref: Letter dated 05.02.2019, received from Muthalagu R, Associate Professor in
Electronics and Communication Engineering Department.

- : -

This is to certify that Ms. Muthalagu R, worked as Associate Professor in the
Department of Electronics and Communication Engineering in this college from 16.06.2016 to
16.02.2019.

With reference to the letter cited above, the resignation submitted by Ms. Muthalagu R,
Associate Professor of the Department of Electronics and Communication Engineering has been
accepted and relieved from her duties and responsibilities of this college on 16.02.2019 A.N.

To

Ms. Muthalagu R
Associate Professor - ECE.



Rs
16.02.19

S. Suyambazhahan
16/2
Principal
PRINCIPAL
DHANALAKSHMI COLLEGE OF ENGINEERING
CHENNAI-601301.



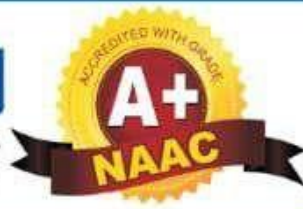
College : Dr. VPR Nagar, Varadharajapuram Post, Manimangalam, Tambaram,
Chennai - 601 301. Phone : 9 283 283 283 / 044 - 71 700 800
Trust Office : Dhanalakshmi Educational Trust, No. 44, Seshachalam Street, Saidapet,
Chennai - 600 015. Phone : 044 - 2436 3321
e-mail : info@dce.edu.in, website : www.dce.edu.in





Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
ISO 9001:2015 Certified Institution: Estd.2001
OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Proudly announces

A COMPETITION on ROBOTS AND DRONES

TEXAS INSTRUMENTS Powered
For all our students with attractive prizes



Criteria:

The robot / drone must be able to do any one or more applications
Applications may include but not limited to:

- Cleaning robot
- Staircase/wall climbing robot
- Farming robot
- Nursing robot
- Surveillance drone
- Delivery drone
- Pesticide spraying drone



Batch size :

Maximum 4 members

Contact:

9841391234

Dr.J.P.Josh kumar

9789869415

ATTRACTIVE CASH PRIZES

IMPORTANT DATES:

TITLE AND ABSTRACT SUBMISSION
2.02.2023

CONDUCTION OF COMPETITION
23.02.2023

Coordinators
Dr.R.Muthalagu
Dr. J. P. Josh Kumar

N.V.S. SreeRathnaLakshmi
HOD/ECE

Dr. Srinivasan Alavandar
Principal



Estd. in 2001

Agni College of Technology



Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai. Accredited by NBA, New Delhi, An ISO 9001:2015 Certified Institution.
OMR, Thalambur, Chennai - 600 130,
94455 32933, 95000 88663 www.act.edu.in

AgniFest 2020

A NATIONAL LEVEL TECHNICAL SYMPOSIUM 29th February 2020

CHIEF PATRON

Mr.R.N. Jayaprakash
Mrs. Bhavani Jayaprakash

Date: 21.02.2020

PATRON

Dr.R. Karthikeyan
Principal,

To
The Principal / HODS,

CO-ORDINATORS

Dr.M. Kayalvizhi , HOD/ BME
Dr. M. Srividhya, HOD/ Chemical
Dr. L.K. Rex, HOD/ CIVIL
Dr.S. Saravanan, HOD/ CSE
Dr. R. Anitha, HOD/ECE
Dr. K. Padmanathan, HOD/ EEE
Dr. K. Sundaramoorthy, HOD/ IT
Dr. M. Thiyagu, HOD/ Mechanical
Mr. T.N. Suresh Kumar- HOD/
Mechanical and Automation
Dr. S. Chandravaradhana, HOD /
Mechatronics
Dr. R. Balaji, HOD/ S&H

Dear Sir/Madam,

Sub: Invitation for National Level Technical symposium
"AGNI FEST-2020" reg.

Warm Greetings,

It gives us immense pleasure to bring to your kind notice that Agni College of Technology is organizing a National Level Technical Symposium "AGNI FEST-2020". This fest is a colloquium of technical domains including Aerospace, Biomedical, Civil, Chemical, Computer Science, ECE, EEE, IT, Mechanical, Mechanical and Automation, Mechatronics and S&H.

This event endeavors to inspire & empower students to be critical thinkers and innovators to pursue excellence with Realtime learning experience. The Fest aims to instill a deeper quest into all modern technologies and its manifestation. We are inviting students from all Engineering Streams nation wide to participate & benefit through this fest. Kindly give wide publicity among the students of your college and encourage their active participation.

Looking forward to your co-operation in this regard.

With Warm regards,

ORGANIZING COMMITTEE

Dr.A. Kalaimurugan, Prof./EEE
Ph: 98848 64364

Ph: 88380 87425

ADVISORY COMMITTEE

Mr. Munir Honda,
Former Election Commissioner

Dr.A.R. Santhakumar,
Emeritus Professor,IIT,Madras & Dean
Anna University

Dr.T.S Natarajan
Professor, IIT, Madras

Dr. Arnab Bhattacharya
Professor,
Tata Institute of Fundamental Research

VENUE :

BRP Auditorium,
Agni College of Technology
Old Mahabalipuram Road, Thalambur,
Chennai, Tamil Nadu 600130

(Convener- AGNI FEST-2020)

Encl: Brochure

☰ Gmail

99+
Compose

Mail

Chat

Spaces

Meet

Inbox 7,386

★ Starred

🕒 Snoozed

▶ Sent

📄 Drafts 275

▼ More

Labels +


🗑️ Unwanted

🔍 Search in mail

Active

85 of 11,579

real time cataract images collection for project reg External Inbox x

 **Dr.R.MUTHALAGU Professor** <muthalagu.ece@act.edu.in> Apr 28, 2023, 12:12PM (8 days ago) ☆ ↶ ⋮

to Dr.Sheila ▼

Dear Madam,

I hope you're doing well. our ECE final year students M.Praveen and S.Sowmiya doing a project namely, "cataract detection by image processing and Artificial intelligence".

In order to validate the software, they need real-time cataract images. I request you to permit the students to collect the images from Killikodi camp (kiliKodi village girls' hr secondary government school 601206). on 29.4.2023.

Thanking you

—

With Regards

Dr.R.MUTHALAGU, AMIE, M.E., Ph.D.

Prof & Head, Department of Communication System

Agni College of Technology

☰ Gmail

Search: premila

Active

99+ Mail

Compose

Mail

Chat

Spaces

Meet

Inbox 7,386

Starred

Snoozed

Sent

Drafts 275


More

Labels +

Unwanted

2 of 3

Teleophthalmology camp schedule - April 2023 External Inbox x

 **premila M** <premila@snmail.org> Thu, Apr 6, 3:56 PM


to me, Dr.Sheila

Dear Madam,

As advised by Dr Sheila John madam here I am sharing the upcoming dates Camp schedule for the month of April 2023 for your kind reference.

kind regards
Premila
Teleophthalmology department
Sankara Nethralaya
Chennai

Do the best, Leave the rest
P *Save a tree. Don't print this e-mail unless it's really necessary.*

 Notice: The information contained in this e-mail message and/or attachments to it may contain confidential or privileged information. If you are not the intended recipient, any dissemination, use, review, distribution, printing or copying of the information contained in this e-mail message and/or attachments to it are strictly prohibited. If you have received this communication in error, please notify us by reply e-mail or telephone and immediately and permanently delete the message and any attachments.

Activate Windows
Go to Settings to activate Windows.



Medical Research Foundation

[Regd. Under Act XXI of 1860]

New No. 41 / Old No.18, College Road, Chennai - 600 006

Dr. S. S. Badrinath
Chairman - Emeritus

Dr. Girish S. Rao
President

G. Ramachandran
Hony. Secretary & Treasurer

Dr. T. S. Surendran
Vice Chairman

Dr. K. S. Vasan
Managing Director

Date: 28.12.2020

To whomsoever it may concern

I would like to extend my appreciation towards the successful completion of project, "**A NON-INVASIVE ANAEMIA SCREENING TOOL**", developed by Dr.R.MUTHALAGU, Professor, Agni college of Technology.

The novelty of this research work is to identify the anaemic and non - anaemic patients through the conjunctiva images using Hb APP. Without any blood samples this application enabling significant savings in time and cost for the overall healthcare system. I really appreciate your efforts and professionalism by which you have completed the project well on time and accurately.

Sheila John

Dr Sheila John,
Head of Teleophthalmology
and E-Learning departments,
Sankara Nethralaya,
No.18 College road,
Chennai – 600006.



**2nd NATIONAL CONFERENCE ON EXPANDING HORIZON IN
COMPUTER, INFORMATION TECHNOLOGY,
TELECOMMUNICATION, ELECTRICAL AND ELECTRONICS**

EXCITE 2013

2nd - 3rd April 2013

&

Preconference Tutorials on

THE ART OF WRITING & PUBLISHING TECHNICAL MANUSCRIPTS

1st April 2013

Chief Patron

Dr Surendra Pal - President IETE.
Shri P Raja Rao - Chairman PITAM.

Patron

Ms P Prathyusha - CEO PITAM.

Convenors

Dr P M Beulah Devamalar-Principal PITAM.
Col(Retd)K S Chakravarthi
Chairman IETE Chennai Centre.
Dr V Thulasi Bai-Vice Principal PITAM,
Hony Secretary-IETE Chennai.
Prof G T Manoharan-
Senior Professor PITAM.

Advisory Committee

Shri RK Gupta-Chairman,
Diamond Jubilee celebrations Committee.
Shri M L Gupta-Vice President IETE.
Shri V Appakutty-Vice President IETE.
Prof (Dr) M Basavaraj-Vice President IETE.
Prof (Ms) K Raja Rajeswari
Chairman TPC IETE & South Zone Co-ordinator.
Shri S R Aggarwal-Secretary general IETE.
Er S Muruganandam-Past Chairman IETE.
Er V Chinnappiah-EC Member IETE
Chennai.
Er P Mohandoss-EC Member IETE Chennai.
Er G Selvam-EC Member IETE Chennai
Dr D Vijendra Babu-Hony Treasurer IETE
Chennai.
Dr Swarna Ravindra Babu
EC Member IETE Chennai.
Mr S Ananthesh Rao-EC Member IETE
Chennai.
Mr M P Pillai-EC Member IETE Chennai
Director-NIELIT.

Co-Ordinators

Ms G Kavya-HOD ECE.
Dr S Padmapriya-HOD IT.
Mr S Krishnakumar-HOD EEE.
Ms V R Kavitha-HOD CSE.

Conference Secretary

Ms S Inbalakshmi-AP(SG) ECE.

ABOUT THE CONFERENCE

The conference aims to offer a forum for interaction among the students, academicians, leading scientists and industrial experts. The conference will explore emerging trends, innovative ideas to facilitate next generation technology and with the perspective of providing a better overview of the latest developments, it also enables the students and budding researchers to benefit from the conference deliberations. This endeavour is initiated by IETE Chennai Centre supported by PRATHYUSHA INSTITUTE OF TECHNOLOGY & MANAGEMENT

PRECONFERENCE TUTORIAL

The tutorial will provide an overview on effective technical writing, with a focus on Writing technical journal papers. The main idea of this workshop is to provide guidelines for organizing and planning a journal paper and discuss how to avoid plagiarism.

ABOUT IETE

IETE, the Institution of Electronic and Telecommunication Engineers is India's leading professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. Government of India has recognized IETE as a Scientific and Industrial Research Organization (SIRO) and also notified as an educational Institution of national eminence.

ABOUT PITAM

Prathyusha's well planned and well designed campus is spread over 45 acres of land and has more than 1,50,000 square feet of built-in-area. Major highlights of the college include "PITAM NI LabVIEW academy", "iCarnegie Robotics lab" research lab for Green Technology and Telemedicine Applications. The college has received around 1 Crore as research grants for working on biomedical research and for organizing various workshops/FDP, seminars, conferences from various organizations like ICMR, AICTE, CSIR, IEEE, IETE and BRNS for the benefit of the students and faculty.

CALL FOR PAPERS

EXCITE-2013 Cordially invites contributions in the form of research papers from students, academicians, research scholars and industry practitioners. Papers that contain any form of plagiarism will be rejected without reviews. **Selected papers will be published in the Conference proceedings with ISBN Number.**

TOPICS OF INTEREST INCLUDE THE FOLLOWING BUT NOT LIMITED TO

<i>Electrical Engg</i>	<i>Electronics and Communication Engg</i>	<i>CSE/IT</i>
• Renewable Energy Sources	• Robotics and Neural Networks	• Grid Computing
• Distributed Generation	• RF/Broadband Wireless Green Communications	• Computer Graphics and Virtual Reality
• MEMS	• Cognitive Radio	• Cloud Computing
• Nanotechnology	• Smart antenna systems	• Cyber trust and Security
• Recent trends in Power Electronics & Drives	• Embedded Systems/Low power VLSI Design/EMI/EMC	• Artificial Intelligence
• Power Quality	• Speech/Image/Video processing	• Life Science and Medical Computing
• Neural Network/GA/FLC	• Network Security	• Green Computing
• HVDC/FACTS	• ICT ON M-Health and E-Health	• Jurisdiction in Cyberspace
		• Management of Corporate Networks

Peer reviewed Papers will be published in the following Journals:

IETE Journal of Research, National journal of Innovation and research, International Journal of Wireless Communication, International Journal of Digital Image Processing, International Journal of Data Mining & Knowledge Engineering, International Journal of Automation & Autonomous System.

MANUSCRIPT SUBMISSION

Original and unpublished research papers not more than four pages are solicited. The Templates in MS Word giving detailed specifications for the preparation of a manuscript Should be downloaded from the following.

IETE-website : <http://jr.ietejournals.org/contributors.asp>

The contributors are advised to send only soft copy of their full paper to the following mail-id :

excite.pitam@gmail.com

Registration Fees should be paid by Demand Draft drawn in favour of "Prathyusha Institute of Technology and Management-(ECE Dept)" payable at Thiruvallur by authors of selected papers.

Registration Fee includes Conference Kit, Lunch, Conference Proceedings

Important Dates

Full Paper Submission : 15th March, 2013
Acceptance Notification : 20th March, 2013
PreConference Tutorial : 01st April, 2013
Conference : 02nd and 03rd April, 2013

SUBMISSION DETAILS

CATEGORY	CONFERENCE	TUTORIAL
PG/Research Scholars	Rs.1000/-	Rs.750/-
Academicians/ Industry	Rs.2000/-	Rs.500/-

ADDRESS FOR COMMUNICATION:

CONVENOR EXCITE 2013

Prathyusha Institute of Technology and Management,
Poonamallee - Thiruvallur Road, Aranvoyaluppam,
Thiruvallur Dist - 602 025,
Chennai, Tamilnadu, India, ph. 044-37673767



Funded by the Ministry of HRD, Govt. of India

NPTEL



IIT Madras

This certificate is awarded to

Prof. R. Muthalagu

of Prathyusha Institute of Technology and Management
in appreciation for his/her instrumental role as SPOC for the NPTEL Local Chapter.
Thank you for being NPTEL's brand ambassador at your esteemed institution.

Prof. Bhaskar Ramamurthi
Chairman, NPTEL PIC & Director
IIT Madras

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

December 2015



PRATHYUSHA

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Poonamallee - Tiruvallur Road, Aranvoyal Kuppam, Chennai 602 025

CERTIFICATE OF APPRECIATION

The Management and the Principal appreciate Mr./Ms./Dr. R. MUTHALAGU

, ASSOCIATE PROFESSOR, of the Department of ECE

for contribution towards the development of the college as BEST COORDINATOR - QIC

2014 - 15 and wish him/her all the best.

Dr. P. M. Beulah Devamalar

Principal

Smt. P. Prathyusha

CEO

Shri. P. Raja Rao

Chairman

The Institution of Engineers (India)

5812

ST222694-5



This is to certify that

R MUTHALAGU

passed Sections A and B of the Institution Examinations
in the ELECTRONICS & COMM. Engineering Branch
in SUMMER, 1997 and WINTER, 2001 respectively.



Kolkata

Dated 26.10.2002

President

Secretary & Director General



The Syndicate of the Anna University hereby makes known that **MUTHALAGU R** has been admitted to the **DEGREE OF MASTER OF ENGINEERING** in **MEDICAL ELECTRONICS** under the Faculty of *Information and Communication Engineering* having satisfactorily completed the prescribed programme of study through **College of Engineering Guindy, Chennai**, an autonomous Constituent Institution of this University and having been certified by duly appointed examiners to be qualified to receive the same and having been placed by them in the **FIRST CLASS** at the Examination held in **NOVEMBER 2005**.

Given under the Seal of the University



Chennai 600 025
India
March 2007

V. Srinivasan

Controller of Examinations

K. J. Suman

Registrar

Allexandria

Vice-Chancellor

Anna University



Reg.No.2011174076/RG



The Syndicate of the Anna University hereby makes known that **MUTHALAGU R** *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the* **Faculty of Information and Communication Engineering**, *having been certified by the duly appointed examiners to be qualified to receive the same in the year* **2019**. *The degree has been awarded in compliance with the* **“University Grants Commission, Regulations 2009”**.

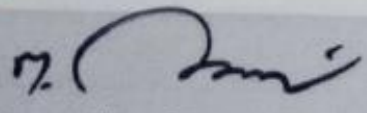
Title of the Thesis:

A NON - INVASIVE ANAEMIA SCREENING TOOL USING IMAGE PROCESSING AND ARTIFICIAL NEURAL NETWORK

Given under the seal of the University



Chennai 600025
India
December 2019
GAB/2019


Controller of Examinations
MUTHALAGU R


Registrar


Vice-Chancellor



ANNA UNIVERSITY
CHENNAI 600 025
Office of the Controller of Examinations

☎	Off:	22357274, 22357275 22357276
	Fax:	91-44-22301134
	E-mail:	coe@annauniv.edu

CONTROLLER OF EXAMINATIONS

Lr.No.ONPV-240220-62/C11/2020 -1961

Date: 25.02.2020

From **The Controller of Examinations**
Anna University,
Chennai- 600 025.

To **The Principal**
AGNI COLLEGE OF TECHNOLOGY
Thalambur, Near Navalur omr CHENNAI -
600130

Sir / Madam,

Sub : Office of the Controller of Examinations - Anna University – Verification of Educational Qualification - Reg.

Ref : Your Letter No. COE_PM415, Dated 24.02.2020.

With reference to the letter cited, it is informed that **Ms. MUTHALAGU R** student of Ph.D, under the Faculty of **Information and Communication Engineering**, has successfully completed the Degree Programme in the year **2019** at Anna University, Chennai - 600 025. The details of educational qualification of the candidate were duly verified with the records of this office and found to be **genuine**.

Name : **MUTHALAGU R**
Reg.no. : 2011174076 /
Degree : Ph.D
Faculty : Information and Communication Engineering
Year of Passing : 2019
Admitted and Degree Awarded
in the Convocation held during : December, 2019



Yours faithfully,

N. Senthil Kumar
25/02/2020
for **CONTROLLER OF EXAMINATIONS**