



# T.J.S ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

Accredited by NAAC / ISO 9001:2015 Certified Institution.

TJS Nagar, Peruvoyal, Near Kavaraipettai, Gummidipoondi Taluk, Thiruvallur District -601206



## 3.4.2 NUMBER OF AWARDS AND RECOGNITIONS RECEIVED FOR EXTENSION ACTIVITIES FROM GOVERNMENT/ GOVERNMENT RECOGNIZED BODIES DURING THE YEAR

Year	2021 - 2022
Number Of Awards And Recognitions Received	07

### List of awards and recognitions received for extension activities during year 2021-2022

S. No.	Name of the Activity	Name of the Award/ Recognition	Name of the Awarding Government/ Government Recognised Bodies	Link to the Relevant Documents
1	Campus Cleaning & Tree Plantation	Certificate of Appreciation	Panchayat Union Middle School, Kumaranpettai	2
2	General Health Awareness Programme	Certificate of Appreciation	Kumaranpettai Village Panchayat	3
3	Volunteering	Certificate of Appreciation	Andar Kuppam Murugan Temple	4
4	Mass Tree Plantation Programme	Certificate of Appreciation	Andar Kuppam Murugan Temple	5
5	General Health Awareness Programme	Certificate of Appreciation	Panchayat Union Middle School, Kumaranpettai	6
6	One Day Village Cleaning Programme	Certificate of Appreciation	Kumaranpettai Village Panchayat	7
7	Academic	Best Teacher Award	Education Today	8

APPRECIATION LETTER

From

Date:06.12.2021

HM,

Panchayat Union Middle School,

Kumarapettai,

Gummidipoondi Taluk

Thiruvallur

To

The Principal

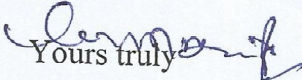
T.J.S Engineering College,

Peruvoyal,

Thiruvallur-601204

Dear sir,

We appreciate for organizing the one-day event clean campus at Panchayat Union Middle School to clean up the school campus on 06.12.2021. It was a great initiative taken by the NSS Volunteers to keep the school clean and tidy. We are highly impressed by the effort and excellent work put up in by the volunteers and the way they worked together to make the village clean. We thank them for making their time and energy to clean our village and make it a better place. We appreciate the college's commitment to keep the environment clean and green. We hope to see more such events in the future. Thank you.

  
Yours truly

HEADMASTER  
P.U.M. SCHOOL  
RALLAPADI, ILLAPURAM BLOCK  
THIRUVALLUR DIST. PIN-601 204

APPRECIATION LETTER

From

The Panchayat President,  
Kumarapettai panchayat,  
Kumarapettai,  
Gummidipoondi Taluk  
Thiruvallur

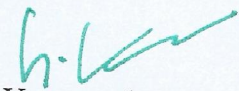
Date:04/01/2022

To

The Principal,  
T.J.S Engineering College,  
Peruvoyal,  
Thiruvallur-601204

Dear sir,

We would Like to extend our sincere appreciation for organizing the one-day awareness programme on General Health awareness programme at Kumarapettai village on 04/01/2022. It was a great initiative taken by the NSS Volunteers make this event success are truly commendable. The initiative taken to spread the awareness about the ill effects of plastic pollutions was very Effective. Thanks for your efforts and dedication to make the event in success.

  
Yours truly  
**RESIDENT / EXECUTIVE OFFICER**  
Kumarapettai Panchayat,  
Ellapuram Panchayat Union

APPRECIATION LETTER

From

EO,

Date:05/01/2022

Andar Kuppam Murugan Temple,

Murugan Koil St,

Andarkuppam,

Ponneri -601204

To

The Principal,

T.J.S Engineering College,

Peruvoyal,

Thiruvallur-601204

Dear sir,

We thank you for volunteering at Andar Kuppam Murugan Temple on 05/01/2022. It was a great work done by the NSS Volunteers of T.J.S Engineering college in our Temple. We hope to see more such events in the future. Thank you.

Yours truly



APPRECIATION LETTER

From

EO,

Date:06/01/2022

Andar Kuppam Murugan Temple,

Murugan Koil St,

Andarkuppam,

Ponneri -601204

To

The Principal,

T.J.S Engineering College,

Peruvoyal,

Thiruvallur-601204

Dear sir,

We thank you for organizing the Mass tree plantation program at Andar Kuppam Murugan Temple on 06/01/2022. It was a great work done by the NSS Volunteers to keep the Temple place green. We hope to see more such events in the future. Thank you.

Yours truly



APPRECIATION LETTER

From

Date:08.02.2022

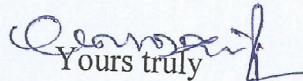
HM,  
Panchayat Union Middle School,  
Kumarapettai,  
Gummidipoondi Taluk  
Thiruvallur

To

The Principal,  
T.J.S Engineering College,  
Peruvoyal,  
Thiruvallur-601204

Dear sir,

We would Like to extend our sincere appreciation for organizing the one-day General Health awareness programme at Panchayat Union Middle School on 08.02.2022. It was a great initiative taken by the NSS Volunteers make this event success are truly commendable. The initiative taken to spread the awareness about the ill effects of plastic pollutions was very Effective. Thanks for your efforts and dedication to make the event in success.

  
Yours truly

HEADMASTER  
P.U.M. SCHOOL  
RALLAPADI, ELLAPURAM BLOC,  
THIRUVALLUR DIST. PIN 601 10

APPRECIATION LETTER

From

The Panchayat President,  
Kumarapettai panchayat,  
Kumarapettai,  
Gummidipoondi Taluk  
Thiruvallur


Date:07/03/2022

To

The Principal,  
T.J.S Engineering College,  
Peruvoyal,  
Thiruvallur-601204

Dear sir,

We would Like to extend our sincere appreciation for organizing the one-day event at Kumarapettai village to clean up the area on 07/03/2022. It was a great initiative taken by the NSS Volunteers to keep the village clean. We are highly impressed by the effort and excellent work put up in by the volunteers and the way they worked together to make the village clean. We thank them for making their time and energy to clean our village and make it a better place. we appreciate the college's commitment to keep the environment clean and green. We hope to see more such events in the future. Thank you.

  
**PRESIDENT / EXECUTIVE OFFICER**  
Kumarapettai Panchayat,  
Ellapuram Panchayat Union



**Education**  
Tamil Monthly Today



**Kalvi Chutar**  
Tamil Monthly

Karka



# Award for Excellence in Education

18 -9-2022

Seventh-day Adventist Matriculation Higher secondary school, Chennai

Name of the award

"BEST TEACHER"

Name of the Awardee

Dr. S. Velmurugan.

Chief guest/Award distributor

**Thiru. I. Eswaran** I.P.S.

Deputy Commissioner of Police - Puliyanthope Dist. Greater Chennai.

**Thiru P. Subburaj**

MA, M.Phil, B.L (Ph.D)

Consumer district judge (retired)

**Dr. N. Parasuraman** MA, Ph.D

Principal scholar

M.S. Swaminathan Research Foundation,  
Tharamani, Chennai - 113

**K. Senguttuvan**

Education today editor and publisher

**Dr. R. Partheepan** M.E., Ph.D

CEO, Knowledge Xchange



**Abacus**  
**AutoBeads**  
a revolution in teaching abacus



**knowledge**  
**xchange**  
community

"Knowledge without Action is meaningless"



**Edu Today** The Complete Online News  
**Teaching Aids Mfg**





Dr. S. VELMURUGAN &lt;veluvsi@gmail.com&gt;

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**Congratulations! You are invited to attend the Teacher's day award ceremony and receive your "Best Teacher" award on 18-09-2022 from 3.00 P.M to 6.30 P.M at Seventh-day Adventist Mat.Hr.Sec.School, Chennai.-Reg**

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kxc edu &lt;kxc.educationtoday.teacherawards@gmail.com&gt;

Sat, Sep 17, 2022 at 12:03 AM

To: "edu.today2010@gmail.com" &lt;edu.today2010@gmail.com&gt;, "kxcvision2020@gmail.com" &lt;kxcvision2020@gmail.com&gt;

Cc: "drrpartheepan@gmail.com" &lt;drrpartheepan@gmail.com&gt;

Bcc: veluvsi@gmail.com

**Dear Professor,**

**Greetings from Education Today, Knowledge Xchange Community and Associated Partners.**

**Congratulations on your achievements in creating an impact in the student community.**

**You are invited to attend the Teacher's day award ceremony and receive your "Best Teacher" award on 18-09-2022 from 3.00 P.M to 6.30 P.M at Seventh-day Adventist Mat.Hr.Sec.School, Chennai.**

***Awards to Teachers/Professors 2022 will be conferred to 80+ teacher's/professor's by the Thiru. I.Eswaran, I.P.S, Deputy Commissioner of police - Puliyanthope Dist.Greater Chennai.In the presence of Thiru P.Subburaj, M.A, M.Phil, B.L (Ph.D), Consumer district judge (retired),***

***Dr.N.Parasuraman, M.A, Ph.D, Principal Scientist, M.S.Swaminathan Research Foundation, Tharamani, Chennai.***

***on the occasion of Teachers' Day celebrations on September 18, 2022.***

**[Teacher's Day Awards 2022:](#)**

**It's giving us immense pleasure to invite you to the 21st Teacher's/Professor's Excellence award ceremony and we are really thankful for giving you an opportunity to honour you with the best Teacher's Award hope you will be enjoying the day with your partner.**

**Please find the attachment for Venue and Guest of Honour details.**

**Venue:**

**Seventh-day Adventist Matriculation Higher Secondary School, (Near E Wards Mhs School) Vepery, Chennai- 7.**

**Date - 18-09-2022**

**Day - Sunday**

**Time - 3.00 P.M - 6.30 P.M**

***Instructions:***

**1.) Entry with your spouse. ( Total 2 Members including Awardees.)**

**2.) Awardees should be in the Hall by 3.00 pm for Registration formalities so can avoid the rush at the last**

**minute.**

**4.) Carry your school / College I'd card to receive your Awards.**

**5.) We expect your kind cooperation to follow the queue for receiving Awards on the stage so can avoid disturbances to others.**

**6.) Kindly park your Two-wheelers & Car in safe places.**

**Please feel free to contact us for any queries.**

Thanks for understanding.

**N.Vinodh**

**Mobile Number: 8825941022 / 7010875155**

**Knowledge Without Action is Meaningless.**

Thanking you.

**"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."**

**"If you are planning for a year, sow rice; if you are planning for a decade, plant trees; if you are planning for a lifetime, educate people".**

**-----**  
**Thanks & Regards,**

**Organization Team,**

**Teacher's Day Awards Ceremony 2022**

**Education Today, Knowledge Xchange Community and Associated Partners Team.**



**TEACHERS' DAY AWARD INVITATION.pdf**

354K



**Education**  
Tamil Monthly **Today**



**Karka**  
**Kalvi Chutar**  
Tamil Monthly



# TEACHERS' DAY AWARD - 2022

**Place:**

**Seventh-day Adventist**

Matriculation Higher secondary school,  
(Near E wards Mhs School) Veperiy, Chennai - 7

**Date:**

**18 -9-2022**

**Time:**

**4 - 6.30 pm**

*Welcome address*

**K.Senguttuvan**

Education today editor and publisher

*In the presence of*

**Thiru P.Subburaj** MA, M.phil, B.L (Ph.D)  
Consumer district judge (retired)

*Chief guest/Award distributor*

**Thiru.I.Eswaran**, I.P.S,  
Deputy Commissinor of Police -  
Puliyanthope Dist.Greater Chennai.

**Dr.N.Parasuraman** MA; PHD  
Principal scientist  
M.S.Swaminathan Research Foundation,  
Tharamani, Chennai -113.

*Vote of Thanks*

**Dr.R.Partheepan**

Ceo, knowledge Xchange Community, Chennai-99

Education today publications E-mail ID - [edu.today2010@gmail.com](mailto:edu.today2010@gmail.com)





## TEACHERS' DAY

# AWARD FOR EXCELLANCE IN EDUCATION- 2022

Name of the award

" BEST TEACHER "

Name the Awardee

DR. S. VELMURUGIAN, TJS Engineering College.

Chief Guest

**Thiru. I. Eswaran**, I.P.S.,  
Deputy Commissinor of Police -  
Puliyanthope Dist. Greater Chennai.

**Dr. R. Partheepan**, ME., Ph.D  
CEO, knowledge xchange

**Dr. N. Parasuraman** MA; PHD  
Principal scientist  
M.S. Swaminathan Research Foundation,  
Tharamani, Chennai -113.

18 - 9 - 2022

Seventh-day Adventist  
Matriculation Higher  
secondary school,  
Chennai

**K. Senguttuvan**

Education today editor and publisher



"Knowledge Without Action Is Meaningless"



**Kalka**  
**Kalvi Chutar**  
Tamil Monthly

**Abacus**  
**AutoBeads**  
a revolution in teaching abacus



Education Today  
Tamil Monthly Today

Knowledge

Abacus AutoBeads  
a revolution in teaching aids

Edu Today Teaching Aids Mfg

TEACHER'S AWARD CONFERENCE 2022

Matriculation School, Chennai  
U.I. Eswar P.S.  
Greater Chennai

# Dr. S. Velmurugan

<https://orcid.org/0000-0001-6697-7429>

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## Websites & Social Links

<http://tjsec.in/> (<http://tjsec.in/>)

## Country

India

## Other IDs

Scopus Author ID: 57211152131 (<http://www.scopus.com/inward/authorDetails.url?authorID=57211152131&partnerID=MN8TOARS>)

## Biography

I Prof. Dr. S. Velmurugan completed my U.G degree (Bachelor of Engineering) @University of Madras in the field of Electronics and Instrumentation Engineering and obtained first class with distinction. I completed my P.G degree (Master of Engineering) in Applied Electronics from Thanthai Periyar Government Institute of Technology, Vellore, affiliated to Anna University, Chennai. Finally I completed my Ph.D in Secure and Distributed Data in Wireless Sensor Networks at St. Peter's Institute of Higher Education and Research, Chennai.

After completed my PG degree, am worked as an Assistant Professor in Pallavan College of Engineering, Kancheepuram. Followed by am worked as a Vice – Principal Cum Head, Department of Electronics and Communication Engineering in Saraswathi Velu College of Engineering, Sholinghur. Presently am working as Prof. & Head/ ECE, TJS Engineering College, Peruvoyal, Thiruvalluvar District, Tamilnadu - 601206 I have published my research papers in International and National journals - 12 Nos. Also presented papers in International and National Conference - 10 Nos. I have total of 20 years of teaching experience.

Dr. S. VELMURUGAN M.E.,Ph.D.,  
Prof. & Head  
Department of ECE  
TJS Engineering College,  
Peruvoyal - 601 206, Thiruvalluvar District,  
Tamil Nadu, India.  
Mobile: 9865988444

## Employment (5)

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**TJS Engineering College: Thiruvallur, Tamil Nadu, IN**  
2019-06-19 to present | Prof. & Head (Electronics and Communication Engineering )  
Employment  
**Source:**Dr. S. Velmurugan

**Saraswathi Velu College of Engineering: Sholinghur, Tamil Nadu, IN**  
2014-04-01 to 2019-05-31 | Vice Principal (Electronics and Communication Engineering)  
Employment  
**Source:**Dr. S. Velmurugan

**Saraswathi Velu College of Engineering: Sholinghur, Tamil Nadu, IN**  
2008-06-01 to 2014-03-30 | HOD (Electronics and Communication Engineering)  
Employment  
**Source:**Dr. S. Velmurugan

**Pallavan College of Engineering: Kancheepuram, Tamil Nadu, IN**

2006-06-01 to 2008-05-30 | Assistant Professor (Electronics and Communication Engineering)

Employment

**Source:**Dr. S. Velmurugan

**Thiruvalluvar College of Engineering and Technology: Vandavasi, Tamil Nadu, IN**

2002-06-01 to 2004-07-30 | Lecturer (Electronics and Instrumentation Engineering)

Employment

**Source:**Dr. S. Velmurugan

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**Education and qualifications (3)**

**St. Peter's Institute of Higher Education and Research: Chennai, Tamil Nadu, IN**

2013-03-08 to 2018-10-16 | Ph.D (Electronics and Communication Engineering)

Education

**Source:**Dr. S. Velmurugan

**Thanthai Periyar Government Institute of Technology: Vellore, Tamil Nadu, IN**

2004-08-03 to 2006-06-03 | M.E (Applied Electronics) (Electronics and Communication Engineering)

Education

**Source:**Dr. S. Velmurugan

**University of Madras: Chennai, Tamil Nadu, IN**

1998-08-03 to 2002-05-03 | B.E (Electronics and Instrumentation Engineering)

Education

**Source:**Dr. S. Velmurugan

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**Invited positions and distinctions (3)**



**Sri Manakula Vinayagar Educational Trust: Puducherry,  
Union Territory, IN**

2021-10-07 to present | Member of Scrutinizing Committee  
(Electronics and Communication Engineering)

Invited position

**Source:**Dr. S. Velmurugan

**Rajagopal Polytechnic College: Vellore, Tamil Nadu, IN**

2020-03-14 to 2020-03-14 | NCFETET-2020 - Advisory Committee  
(Electronics and Communication Engineering)

Invited position

**Source:**Dr. S. Velmurugan

**Adhiparasakthi Engineering College: Vellore, Tamil  
Nadu, IN**

2019-02-06 to 2019-02-06 | PHOENIX'19 - Session Judge  
(Electronics and Communication Engineering)

Invited position

**Source:**Dr. S. Velmurugan

**Membership and service (4)**

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**Advances in Science, Technology and Engineering**

**Systems Journal: WALNUT, United States, US**

2019-03-26 to present | Reviewer Member (Wireless Networks, WSN, Wireless Communication, Control System)

Membership

**Source:**Dr. S. Velmurugan

**Journal of Emerging Technology and Innovative**

**Research: Ahmedabad, Gujarat, IN**

2018-10-07 to present | REVIEW MEMBER (WSN, Wireless Communication, Digital Electronics)

Membership

**Source:**Dr. S. Velmurugan

**International Journal of Creative Research Thoughts:**

**Ahmedabad, Gujarat, IN**

2018-09-22 to present | IJCRT Reviewer (WSN, Wireless Communication, Digital Communication)

Membership

**Source:**Dr. S. Velmurugan

**International Journal of Engineering Research and**

**Technology: Gujarat, Gujarat, IN**

2014-11-01 to present | Review Member (Electronics and Communication Engineering)

Membership

**Source:**Dr. S. Velmurugan

**Works (19 of 19)**

---

**Logistic Regression with Elliptical Curve Cryptography to Establish Secure IoT**

*Computer Systems Science and Engineering*

2022-12-21 | journal-article

DOI: 10.32604/csse.2023.031605

Part of ISSN: 0267-6192

**Source:**Dr. S. Velmurugan

**DEVELOPMENT OF AN IOT-BASED HOME AUTOMATION SYSTEM FOR CONTROL AND MONITORING OF ELECTRICAL DEVICES**

*Intellectual property India*

2022 | patent

PAT: 202241032070

**Source:**Dr. S. Velmurugan

**Multiclass Support Vector Machine Human Based Emotional Recognition using Temporal Features**

*Machine Learning and Applications*

2021 | book-chapter

Part of ISBN: 978-93-86923-47-9

**Source:**Dr. S. Velmurugan

**An Enhanced Privacy Preserving Techniques for Asynchronous Streaming Data Mining in Distributed Environment**

*International Journal of Engineering Research & Technology*

2020-05-02 | journal-article

DOI: 10.17577/IJERTCONV8IS07032

**Source:**Dr. S. Velmurugan

**An IOT based Smart Irrigation System using Soil  
Moisture and Weather Prediction**

*International Journal of Engineering Research & Technology*

2020-05-02 | journal-article

DOI: 10.17577/IJERTCONV8IS07001

**Source:**Dr. S. Velmurugan

**Last Mile Delivery by Drone**

*International Journal of Engineering Research & Technology*

2020-05-02 | journal-article

DOI: 10.17577/IJERTCONV8IS07016

**Source:**Dr. S. Velmurugan

**Guided Vehicle Navigation for Warehouse Applications**

*International Journal of Engineering Research & Technology*

2020-04-07 | journal-article

DOI: 10.17577/IJERTCONV8IS06019

**Source:**Dr. S. Velmurugan

**An Expert System for Age Group Classification Using  
Haar Cascade Classifier**

*Machine Learning and Applications*

2020 | book-chapter

*Part of ISBN: 978-93-86923-47-9*

**Source:**Dr. S. Velmurugan

**Implementation of Cloud Security by Identity Based  
Encryption**

*International Journal of Recent Technology and Engineering*

2019-11 | journal-article

DOI: 10.35940/ijrte.d9142.118419

*Part of ISSN: 2277-3878*

**Source:**Dr. S. Velmurugan via Crossref Metadata Search

**Application of information science and technology in  
academic libraries: An overview**

*Intelligent Systems Reference Library*

2019 | book-chapter

DOI: 10.1007/978-3-030-32644-9\_9

EID: 2-s2.0-85077438303

*Part of ISSN: 18684408 18684394*

**Source:**Dr. S. Velmurugan via Scopus - Elsevier

## **Crash of Implementing VPN's to Secure Wire and Wireless Network**

*Intellectual property India*

2019 | patent

PAT: 201941005772

**Source:**Dr. S. Velmurugan

## **Secure Mobile Beacon based Obstacle Awareness in WSNs**

*IIOAB Journal*

2016-12-24 | journal-article

Part of ISSN: 09763104

**Source:**Dr. S. Velmurugan

## **Detecting and replacing beacon node failure and secure communication in WSNs (DRBF)**

*Indian Journal of Science and Technology*

2016 | journal-article

DOI: 10.17485/ijst/2016/v9i39/96039

EID: 2-s2.0-84995520661

Part of ISSN: 09745645 09746846

**Source:**Dr. S. Velmurugan via Scopus - Elsevier

## **Elliptical curve cryptography based secure location verification in clustered WSN**

*International Journal of Control Theory and Applications*

2016 | journal-article

EID: 2-s2.0-84975152330

Part of ISSN: 09745572

**Source:**Dr. S. Velmurugan via Scopus - Elsevier

## **A Secure Distributed Data Discovery and Dissemination in Wireless Sensor Networks**

*International Journal of Engineering & Science Research*

2015-07-02 | journal-article

Part of ISSN: 2277-2685

**Source:**Dr. S. Velmurugan

## **Secure and distributed data in wireless sensor network**

*Second International Conference on Current Trends In Engineering and Technology - ICCTET 2014*

2014-07 | other

DOI: 10.1109/icctet.2014.6966348

**Source:**Dr. S. Velmurugan via Crossref Metadata Search

## **Analog and Digital Communication**

*Sree Kamalamani Publications (P) Ltd.,*

2014 | book

ISBN: 978-93-85449-12-3

**Source:**Dr. S. Velmurugan

## **Integration of WLAN/UMTS Network in Hot-Spot**

### **Location Using OPNET**

*International Journal of Engineering Research & Technology*

2013-11-13 | journal-article

DOI: 10.17577/IJERTV2IS110413

**Source:**Dr. S. Velmurugan

## **Cluster Based Secure Location Verification System for Wireless Sensor Networks**

*International Journal of Engineering Research & Technology  
(IJERT)*

2013-10-10 | journal-article

*Part of ISSN: 2278-0181*

DOI: 10.17577/IJERTV2IS100673

**Source:**Dr. S. Velmurugan