

Resume of Dr. G. Nallavan

Name and Office Address	G. Nallavan Assistant Professor, Department of Sports Technology, Tamil Nadu Sports University, Melakottayur, Near Vandalur, Chennai - 600 127. Email: nallavan@tnpesu.edu.in g_nallavan@yahoo.com Mobile: 9445813214, 9444547670
Age / Date of Birth	46Years / 01.07.1975
Degrees Awarded / University / Division / Year	Ph.D / Anna University / 2014 M.E / Anna University / 2001 B.E / Annamalai University / 1997 MBA / IGNOU / 2008
Present Position	Assistant Professor Department of Sports Technology Tamil Nadu Sports University
Total Teaching Experience in Years	20 years
Research Papers Published	28
Papers Presented in Conferences / Seminars	09
Participation In Conferences / Seminars	06
Participation in Workshops	30
FDP / Refresher Courses Attended	16
International Conference Organised	01
Workshop Organised	01
Other Academic Assignments Undertaken	<ol style="list-style-type: none"> 1. Estate Officer for the University 2. Doctoral Committee member for Sathyabama University 3. Doctoral Committee Member for Bharath University

International and National Journals Published

1. **G. Nallavan**, “Intelligent Door Knocking Security System Using IOT” Turkish Journal of Computer and Mathematics Education (TURCOMAT), Pg 2540-2543, Vol 12, Issue 2, 2021, (**Scopus Indexed**)
2. **G. Nallavan**, Kinovea-based Video Content Analysis of Elite Men’s High Jump, International Research Journal of Engineering and Technology (IRJET), Pg 2871-2876, Vol 8, Issue 6, 2021
3. **G. Nallavan**, “Hardware Implementation of PV fed boost converter with quasi resonant voltage doubler and snubber circuit” BULLETIN MONUMENTAL, Pg. 23-26, Volume 21, Issue 12, 2020 (**Scopus Indexed**)
4. **G. Nallavan**, “Hardware Implementation of Improvement in Power Quality by using Advanced Reactive Power Compensation” BULLETIN MONUMENTAL, Pg. 56-62, Volume 21, Issue 12, 2020 (**Scopus Indexed**)
5. **G. Nallavan**, “Educational Wind Tunnel for Sports Aerodynamics” Journal of Test Engineering and Management, Pg No.3244-3247,Jan 2020 (**Scopus Indexed**)
6. **G. Nallavan**, “A method for Detection and Reduction of Stress Using EEG Athletes”, International Journal of Scientific Research and Review, Volume 8, Issue 4, 2019
7. **G. Nallavan**, “Wearable Device for Boxing to Prevent Wrist Injury”, Suraj Punj Journal for Multidisciplinary Research, Volume 9 Issue 4, 2019
8. **G. Nallavan**, “Voice Controlled Wheelchair for Improving Performance of Disabled Players”, Online International Interdisciplinary Research Journal, Vol 08, Mar 2018, Special Issue.
9. **G. Nallavan**, “Wireless Foot Plantar Pressure System”, International Journal of Global Engineering(IJGE), Vol 1, Issue 3(2017) Pg 128-135.
10. **G. Nallavan**, “Portable Backyard Bowling Machine”, Star International Journal, Volume 6, Issue 4(13), April 2018.
11. **G. Nallavan**, “Acoustical CFD and Aerodynamic Analysis Over Golf Ball”, Scope International journal of Science, Humanities, Management and Technology, Vol 4 Issue 2(2018).
12. **G. Nallavan**, “Smart Tennis Racquet with Tennis Elbow Injury Prevention”, International Journal of Computational Research and Development (IJCRD), Volume 3, Issue 1,2018
13. **G. Nallavan**, “Sensor Based Bat Edge Detection System”, Scope International journal of Science, Humanities, Management and Technology, Vol 4 Issue 2(2018)

14. **G. Nallavan**, "Player's Health Monitoring and Suggestions Through IOT", International Journal of Computational Research and Development (IJCRD), Volume 3, Issue 1, 2018
15. **G. Nallavan**, "Emergency Portable Health Monitoring Device using Mobile Application" International Journal of Current Research and Modern Education(IJCRME), Vol 2, Issue 1 2017.
16. **G. Nallavan**, "Microcontroller Based Fitness Using IOT, International Journal of Physical Education Sports and Health, 2017, 4(3), Pg 255-259.
17. **G. Nallavan**, " Android based sports people activities and health data analysis by using virtual cloud" International Journal of Current Research in Medical and Engineering, Vol.1, Issue 2, May 2016.
18. **G. Nallavan**, "A non-invasive electronics device based sportsman health monitoring system" International Journal of Current Research in Medical and Engineering, Vol.1, Issue 2, May 2016.
19. **G. Nallavan**, "Basketball Player Tracking and Automated Analysis" International Journal of Recent Research and Applied Studies(IJRRAS)" vol 2, issue 6(10), june 2015.
20. **G. Nallavan**, "Movement Analysis of Athletes Using Network Simulation 2" International Journal of Recent Research and Applied Studies(IJRRAS)" vol 2, issue 6(8), June 2015.
21. **G. Nallavan**, "Sports Equipment Analysis using Image Processing Technique" International Journal of Recent Research and Applied Studies(IJRRAS)" vol 2, issue 6(7), June 2015.
22. **G. Nallavan**, "Bluetooth Low Energy Technology in Sports" International Journal of Recent Research and Applied Studies(IJRRAS)" vol 2, issue 6(9), June 2015.
23. **G. Nallavan**, "Contrast Enhancement of Sports Images", International Journal of Research in Social Sciences and Humanities(IJRSSH), vol. 5, Issue Apr- June 2015.
24. **G. Nallavan**, " Doubly Fed Induction Generator Based Wind Turbine with Adaptive Neuro Fuzzy Inference System Controller" Asian Journal of Scientific Research, vol 7(1) PP. 45-55, 2014. (**Scopus Indexed**)
25. **G. Nallavan**, "Intelligent Soft Starter-based Grid-Integrated generator for Pitch-Regulated Wind Turbine System" Electrical Engineering, Springer Journal, vol 92 No 2, July 2010. (**Scopus Indexed**)
26. **G. Nallavan**, "Novel Active Power Control Strategy for Fully Fed Wind Turbine with Stator Controlled Cage Induction Generator(SCCIG)" Journal of Electrical Engineering, vol 9, 2009. (**Scopus Indexed**)

International Conference

1. **G.Nallavan**, Role of Wearables in Sports based on Activity recognition and biometric parameters: A Survey, International Conference on Artificial Intelligence and Smart Systems (ICAIS), Pg 1700-1705, 2021, IEEE Publisher, (**Scopus Indexed**)
2. **G. Nallavan**, “Model Device to Check Fault Start and Electronic Strater Pistol for Sprint Running”, International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, Pg 502-511, 2021
3. **G. Nallavan**, “Numerical and Experimental Verification of Strain Measurement on the Player Arm due to Impact of Ball on Cricket Bat”, International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering, Pg 708-711, 2021
4. **G. Nallavan**, “Impact of Recent Developments in Fabrication of Auxetic Materials on Safety and Protection in Sports” AIP Conference Proceedings, Sep 2020 (**Scopus Indexed**)
5. **G. Nallavan**, “Study on Magnus Effect of Different Sports Ball in the Wind Tunnel”, AIP Conference Proceedings, Sep 2020 (**Scopus Indexed**)
6. **G.Nallavan**, “Power Electronics in Wind Energy Conversion Systems - A Survey Across the Globe” 2011 3rd International Conference on Electronics Computer Technology (ICECT 2011), Kanniyakumari. (**Scopus Indexed**)

National Conference/ Seminar/ Proceedings

1. **G.Nallavan**, “Cognitive Approach for Evolving Entrepreneurial Training Model, Kanishka Publishers Disributors, New Delhi. ISBN No. 978-81-7391-989-3.
2. **G. Nallavan**,” Contemporary Practices in Business Management, Virudhunagar Hindu Nadars Senthilkumara Nadar College. ISBN No.978-93-81723-22-7.
3. **G. Nallavan**, ”Wide-Bandgap Semiconductors for Future Power Electronic Applications”, National Conference on Contemporary VLSI Technologies in

Wireless Applications, CONTECE08, Dr. M.G.R Educational and Research Institute, pp 30-36.

4. **G. Nallavan**, "Reverse Swing Analysis of Cricket Ball Using Computational Fluid Dynamics", UGC sponsored National Seminar On Recent Trends in Sports Technology, Management and Allied Sciences" 12th- 13th Sep 2014, Arumugam Pillai Seethai Ammal College, Thirupathur.
5. **G. Nallavan**, "Supplier Selection in SMMES: A Case Study Analysis" Proceedings on Contemporary Practices in Business Management, Published by Virudhunagar Hindu Nadars Senthilkumara Nadar College. Pp 192 - 198.
6. **G. Nallavan**, "Impact of Global Warming - Review", DST Sponsored National Seminar on Global Warming and its Effects on Water Resources, Dec 03-04, 2010, GraphicEra University, Dehradun.
7. **G. Nallavan**, "Power Converters and Induction Generators in Wind Turbines- A Review" National Conference on Computer and Communication System Technology (CCST 09) on 21-03-2009, Nehru Institute of Engineering and Technology, Coimbatore
8. **G. Nallavan**, "Molecular Modelling of Photonic Materials", UGC Sponsored National Conference on Recent Advances in Material Science(RAMS 09), Sree Sevugan Annmalai College, Devakottai.
9. **G. Nallavan**, "Entrepreneurial Avenues for Electrical Engineers", National Seminar on Trends & Challenges in Entrepreneurial Training- 16th Dec. 2005.

Faculty Development Programme Attended

1. AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Organizational Behavioral Dynamics and Professional Ethics**" from 01-07-2021 to 05-07-2021 at **Visvesvaraya National Institute of Technology**.
2. AICTE sponsored Two Week Faculty Development Programme on **CREATIVE PEDAGOGY AND ITS SIGNIFICANCE IN ENGINEERING EDUCATION AT** Saveetha Engineering College from 22nd April 2019 to 4th May 2019.
3. TWO - WEEK FACULTY DEVELOPMENT PROGRAMME on "**Managing Online Classes & Co- creating MOOCS**" from *April 20 - May 06, 2020*, *Conducted by Teaching Learning Centre, Ramanujan College, University of Delhi*

4. Two Week ISTE STTP on **Pedagogy for Effective use of ICT in Engineering Education** conducted by Indian Institute of Technology, Bombay
5. **Refresher Course in Environmental Studies (Interdisciplinary)** at Jawaharlal Nehru University, from 12-11-2018 to 07-12-2018.
6. **“Pedagogy for Effective Use of ICT in Engineering Education”** conducted by Indian Institute of Technology, Bombay held under the National Mission on Education Through ICT(MHRD) from 5th to 31st January 2015.
7. AICTE Sponsored one week QIP Short Term Course on **“GIS for Civil Engineers”** conducted by IIT Bombay, 1st to 5th Dec. 2014.
8. UGC Sponsored Faculty Development Programme on **“Diversity in Teaching”**, Organised by Alagappa Insititute of Management on March 7th and 8th 2014.
9. AICTE sponsored two weeks Faculty Development Programme on **“Renewable Energy Sources”** from 04-10-2013 to 17-10-2013 at Syed Ammal Engineering College, Ramanathapuram.
10. All India workshop on **“Research Methodology & Technology Management in Higher Education”** at Pondicherry University from 14-03-13 & 15-03-13.
11. 2-week ISTE workshop on **“Introduction to Research Methodologies”** conducted by IIT Bombay Under National Mission on Education through ICT (MHRD, Govt. of India), 25th June to 4th July 2012 at Saveetha Engineering College.
12. **Orientation Course(General) Batch - 101**, Academic Staff College, University of Madras, from 17-05-2011 to 13-06-2011.
13. One week FDP on **Professional Ethics** at College of Engineering Guindy, Chennai from 19th to 24th July 2004.