



G.VENKATASWAMY NAIDU COLLEGE

(An Autonomous Institution)

(Re-Accredited with 'A' Grade by NAAC | STAR College Scheme by DBT-MST, Govt. of India)

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

KOVILPATTI – 628 502

Department of Computer Science

Association Activities (2024-2025)

Department Activities

- Our department has organized the **Association Inauguration** by Dr.G. Venkadasalapathi, Ph.D., The Director, G.V.N. College(SFC), kovilpatti on **14.08.2024** for our students.
- Our department has organized the **technical seminar** entitled **“Code Your Future: Mastering career paths in Tech”** handle by **Dr.R. Lawrence**, CEO, Cool Dreamers, Sivakasi on **14.08.2024** for our students.
- Our department has organized the **Technical Seminar** on **“Python & Power BI”** by **Ms.Thanga Atchaya, Mr.M.Victor BDE, Mr. Rajaneesh Rajan BM, IPCS GLOBAL PVT LTD**, Tirunelveli on **11.09.2024** for our students.
- Our department has organized the **Hands on Training** entitled **“Mobile Application Development”** handle by **R.Bala Murugan, P.Lakshmana Pandian, T.Bharath, I.Jeyaseelan, Alpha Learning Lume, Kovilpatti** on **12.09.2024** for our students.
- Our department has signed the MoU with cool Dreamers Ltd, Sivakasi on **13.09.2024**.
- Our department has organized the Intra Department Competition **“Intra Department Innovative Meet-2K25”** on **21.09.2024** for our UG students conducted by PG Students.
- Our department students visit and provide the goods to **Old Age Home**, Ettayapuram on **07.02.2025**.
- Our department has organized Hands on Training **“NEXCAD ANGULAR JS”**, on **17.02.2025** for our students.
- Our department has organized the Inter College Competition **“Inter Collegiate Meet – TECKMOJ 2K24”** on **25.02.2025** for other college students.

Staff Achievements

- **Dr.A.Gopikannan Asst.Prof & Head.,** has participated in the Five-Day Faculty Development Programme on **“Innovative Approaches in Higher Education and Research”** on 15.10.2024 to 19.10.2024 organized by G.Venkataswamy Naidu College (Autonomous) ,Kovilpatti.
- **Dr.A.Gopikannan Asst.Prof & Head.,** has participated in an International Faculty Development Programme on **“Futuristic Pathways in Technology & Computational Methodologies”** on 06.01.2025 to 11.01.2025 organized by Department of Computer Science, Mary Matha College of Arts and Science, Nallakaruppan patti.
- **Dr.A.Gopikannan Asst.Prof & Head.,** has published a book chapter entitled on **“Deep Learning Fundamentals and Applications for Beginners”** by Scientific International Publishing House. ISBN:978-93-6674-770-5.
- **Dr.A.Gopikannan Asst.Prof & Head.,** has participated in International Seminar on the Topic of **“Human Machine Teams: The Future of work and innovation”** on 27.02.2025 organized by the Department of Computer Application, Don Bosco College of Arts and Science, in collaboration with Eternal Scientific Publications.
- **Dr.S.Suganthi Asst.Prof** has published Book sponsored Rs. 20,000 entitled as **“Python for Beginners Guide”** in TNSCST Tamil Nadu Government Funded Scheme.
- **Dr.S.Suganthi Asst.Prof** has sanctioned RS.7500 for Student Project Scheme entitled as **“Geofencing and Geotracking Based Smart Attendance System”** Under TNSCST Tamil Nadu Government Funded Scheme.

- **Dr.S.Suganthi Asst.Prof** has sanctioned RS.10000 as a Mentor for Students Project Scheme entitled as “Design and Development of Alumni’s Hub” and “Development of leave management App” Under GVNC Seed Money Grant.
- **Dr.S.Suganthi Asst.Prof** has sanctioned Funded Consultancy Project Rs. 27,000 entitled as “Website for SAM’S Abacus”.
- **Dr.S.Suganthi Asst.Prof** has sanctioned Funded Consultancy Project Rs. 1,00,000 entitled as “ERP Solution for Lakshmi Mill” for our sister concern Lakshmi Mill Corporation.
- **Dr.S.Suganthi Asst.Prof** has published paper entitled as “Design and Implement an Interactive IoT based Tamil Braille keypad for Visually Impaired School Children”, 4th International Conference On Mathematical Modeling And Computational Science(Icmmcs 2025), Bangkok, Thailand on January 10 and 11,2025. (Lecture Notes in Networks and Systems Elsevier Scopus).
- **Dr.S.Suganthi Asst.Prof**, has published a book chapter entitled, “Evolution Of Agriculture: From Tradition To Modernity” in the book “Precision Agriculture: Bridging Technology and Tradition Volume II (ISBN: 978-93-95847-61-2)” in the month of August, 2024.
- **Dr.S.Suganthi Asst.Prof**, has published a book chapter entitled, “Optimization Techniques for Improving AI-driven Demand Forecasting in E-Commerce ” for inclusion in CRC Press Edited Book on “AI in Demand Forecasting in Ecommerce application” in the month of December, 2024. (Scopus)
- **Dr.S.Suganthi Asst.Prof**, has published a book chapter titled, “Design and Implementation of Interactive IoT based Tamil Braille Keypad for visually impaired school children” in the Book “Contemporary Research access Disciplines” in the month December

2024.

- **Dr.S.Suganthi Asst.Prof**, has published a book chapter titled, “AI for learning, Upskilling and Career Planning” in the Book “ Emerging Research Trends in computer science and information technology” in the month February 2025.
- **Dr.S.Suganthi Asst.Prof**, has published a book chapter titled, “Personalized Health care with AEI emotion driven Diagnosis and treatment Plans” in the Book “Emerging Research Trends in computer science and information technology” in the month February 2025.
- **Dr.S.Suganthi Asst.Prof** has published a design patent titled on “AI Powered Aging Camrade Robot For Dementia Patients” on 03.02.2025.
- **Dr.S.Suganthi Asst.Prof** has published a patent application number: 202441101734, titled on “IOT Enabled Robot For Real Time Women’s Safety” on 03/01/2025.
- **Dr.S.Suganthi Asst.Prof** has granted a Copyright titled on “Placement Drive Software” in Php-Mysql.
- **Dr.S.Suganthi Asst.Prof** has granted a copyright titled on “Outcome Based Education Software” in ASP.Net with Mysql.
- **Dr.S.Suganthi Asst.Prof** has granted a copyright titled on “Exam Plus Software” in Php - Mysql.
- **Dr.S.Suganthi Asst.Prof** has granted a copyright titled on “Test-GVN” in Php – Mysql.

- **Dr.S.Suganthi Asst.Prof** act as a reviewer on web of science journals, “WOS_REVIEW_ID:25182488”.
- **Dr.S.Suganthi Asst.Prof** published a book titled on “Python for Beginners” by Charulatha Publication.
- **Dr.S.Suganthi Asst.Prof** has acted as resource person as one day workshop titled on “Non-Teaching Staff members” at G.Venkataswamy Naidu College, on 02.12.2024.
- **Dr.S.Suganthi Asst.Prof** has acted as resource person as one day workshop titled on “Introduction to E-content Development and AI Tools for Educational Content Creation” at Krishna Vishwa Vidyapeeth (Deemed to be University), on 17.02.2025.
- **Dr.S.Suganthi Asst.Prof** has acted as a resource person as one day workshop titled on “Python Crash Course” at G.Venkataswamy Naidu College, on 16.12.2024.
- **Dr.S.Suganthi Asst.Prof** has acted as a resource person as Five Day Online National FDP under the Theme “Education in New Age Scenario” From 28.10.24 to 01.11.24.
- **Dr.S.Suganthi Asst.Prof** has acted as a resource person as Five Day Online National FDP under the Theme “Innovative Teaching & Learning Strategy” From 27.01.25 to 31.01.25.
- **Dr.S.Suganthi Asst.Prof** has acted as a resource person as Five Day Online National FDP under the Theme “Education Insights for Academicians” From 24.02.25 to 28.02.25.
- **Mrs.S.Indira Asst.Prof** has published a book chapter titled, “Unveiling Sentiments in Tamil: A Deep Dive with Word Embeddings” in the book “Contemporary Research Across Disciplines”, on October 08, 2024.

- **Mrs.S.Indira Asst.Prof** has published paper entitled as “Beyond Normal: A Survey of Network Anomaly Detection Techniques” in Journal of Inventive and Scientific Research Studies(JISRS), Vol: II, Issue: 2, December 2024.
- **Mrs.S.Indira Asst.Prof** has participated in the Five-Day Faculty Development Programme on “**Innovative Approaches in Higher Education and Research**” on 15.10.2024 to 19.10.2024 organized by G.Venkataswamy Naidu College (Autonomous) ,Kovilpatti.
- **Mrs.S.Indira Asst.Prof** has participated in an International Faculty Development Programme on “**Futuristic Pathways in Technology & Computational Methodologies**” on 06.01.2025 to 11.01.2025 organized by Department of Computer Science, Mary Matha College of Arts and Science, Nallakaruppan patti.
- **Mrs.S.Indira Asst.Prof** has participated in a One-Day Online Webinar on “**Documentation Using LaTeX**” on 22.01.2025 organized by PG Department of Computer Science and Mathematics, Madurai Kamaraj University Evening College, Dindigul.
- **Mrs.S.Indira Asst.Prof** has acted as a resource person as Five Day Online National FDP under the Theme “Education Insights for Academicians” From 24.02.25 to 28.02.25.
- **Mrs.V.Jamuna Rani Asst.Prof** has participated in the Five-Day Faculty Development Programme on “ **Innovative Approaches in Higher Education and Research**” on 15.10.2024 to 19.10.2024 organized by G.Venkataswamy Naidu College (Autonomous) ,Kovilpatti.
- **Mrs.V.Jamuna Rani Asst.Prof** has participated in a One-Day Online Webinar on “**Leveraging Artificial Intelligence for Effective Educational**

Work” on 19.10.2024 organized by A3MINDS, Antony Group.

- **Mrs.V.Jamuna Rani Asst.Prof** has published paper entitled as “Technology of Cloud Computing in Education System” in Journal of Inventive and Scientific Research Studies(JISRS), Vol: II, Issue: 2, December 2024.
- **Mrs.V.Jamuna Rani Asst.Prof** has participated in an International Faculty Development Programme on “**Futuristic Pathways in Technology & Computational Methodologies**” on 06.01.2025 to 11.01.2025 organized by Department of Computer Science, Mary Matha College of Arts and Science, Nallakaruppan patti.
- **Mrs.V.Jamuna Rani Asst.Prof** has participated in the One-Week National Level Faculty Development Programme on “**AI Tools**” on 17.02.2025 to 21.02.2025 organized by CMR Engineering College, Hyderabad.
- **Mrs. P.Gangalakshmi Asst.Prof** has published a book chapter titled, “An Overview of Commercial Application in Aeroponics” in the book “Contemporary Research Across Disciplines”, on October 08, 2024.
- **Mrs.P.Gangalakshmi Asst.Prof** has participated in the Five-Day Faculty Development Programme on “**Innovative Approaches in Higher Education and Research**” on 15.10.2024 to 19.10.2024 organized by G.Venkataswamy Naidu College (Autonomous), Kovilpatti.
- **Mrs.P.Gangalakshmi Asst.Prof** has published an article on “**Advance Clustering Techniques in Web usage Mining for Business Analytics: A Comprehensive Review**” in Journal of Inventive and Scientific Research Studies(JISRS), Vol: I, Issue: 2, December 2024.

- **Mrs. P.Gangalakshmi Asst.Prof** has participated in an International Faculty Development Programme on **“Futuristic Pathways in Technology & Computational Methodologies”** on 06.01.2025 to 11.01.2025 organized by Department of Computer Science, Mary Matha College of Arts and Science, Nallakaruppan patti.
- **Mrs. P.Gangalakshmi Asst.Prof** has participated in a One-Day Online Webinar on **“Documentation Using LaTeX”** on 22.01.2025 organized by PG Department of Computer Science and Mathematics, Madurai Kamaraj University Evening College, Dindigul.
- **Mrs.C.Iswarya Asst.Prof** has participated in the Five-Day Faculty Development Programme on **“Innovative Approaches in Higher Education and Research”** on 15.10.2024 to 19.10.2024 organized by G.Venkataswamy Naidu College (Autonomous), Kovilpatti.
- **Mrs.C.Iswarya Asst.Prof** has published an article on **“Experimental Analysis of Educational Data Mining Tools and Techniques”** in Journal of Inventive and Scientific Research Studies(JISRS), Vol: II, Issue: 2, December 2024.
- **Mrs.C.Iswarya Asst.Prof** has participated in an International Faculty Development Programme on **“Futuristic Pathways in Technology & Computational Methodologies”** on 06.01.2025 to 11.01.2025 organized by Department of Computer Science, Mary Matha College of Arts and Science, Nallakaruppan patti.
- **Mrs. Mrs.C.Iswarya Asst.Prof** has participated in a One-Day Online Webinar on **“Documentation Using LaTeX”** on 22.01.2025 organized by PG Department of Computer Science and Mathematics, Madurai Kamaraj University Evening College, Dindigul.

Student's Achievement

- Our II B.Sc Students **Dhanush Raman, Siva Bala, Pravin Kumar, Siva Sankar, Mono Ranjith, Vignesh, Shanmuga Priyatharan, Ezil Maran, Shenbaga Kaleeswaran** has received a certificate of “**Appreciation for Blood Donar**” on 25.07.2024 Organized by Tamil Nadu State Aids Control Society & Tamil Nadu State Blood Transfusion Council, Chennai.
- Our III B.Sc Students **R.Gopinath and V.Sermaraja** has won First Prize in Digital Presentation on 13.09.2024 organized by Sri.S.Ramasamy Naidu Memorial College(Autonomous),Sattur.
- Our III B.Sc Students **L.Shanmuga Varshini & K.Sathiya** has won Second Prize in Paper Presentation on 13.09.2024 organized Spark'24 by Department of Computer Application, Don Bosco College of Arts & Science, Keela Eral.
- Our III B.Sc Student **A.Barathraj** has Won Bronze Medal in Hand Ball Event in the District Level Competitions for “The Chief Minster’s Trophy” in September 2024.
- Our I B.Sc Student **K.Manoj** has Participated in Weight Lifting – 73KG –Boys Event in the District Level Competitions for “The Chief Minster’s Trophy” in October 2024.
- Our I B.Sc Student **K.Manoj** has Participated as Athlete in the IWLF National Youth (Boys & Girls) Junior, Senior(Men & Women) Weightlifting Championships – 2024-25 held at Rainbow Khelo India Residential Academy Nagrota Bagwan, Himachal Pradesh from 6th to 13 Oct 2024.

- Our III B.Sc Students G.S.Sathya, M.Abinaya, S.Harini, M.Gowsalya, K.Balasanthiya, S.Mahalakshmi, B.Janaga Nandhini, K.Sathiya, L.Shanmuga Varshini, V.Mareeswari, S.Harini, A.Ananthi, M.Rinthiya, K.Mareeswari has participated in the Vocational Guidance Session conducted by Skilldunia in partnership with E-cell IIT Hyderabad on 24.11.2024.
- Our III B.Sc Student R.Divya Sri has participated in the Vocational Guidance Session conducted by Skilldunia in partnership with E-cell IIT Hyderabad on 25.11.2024.
- Our III B.Sc Students C.Thenmozhi, M.Karpagavalli has participated in the Vocational Guidance Session conducted by Skilldunia in partnership with E-cell IIT Hyderabad on 27.11.2024.
- Our III B.Sc Student R.Harini has participated in the Vocational Guidance Session conducted by Skilldunia in partnership with E-cell IIT Hyderabad on 29.11.2024.
- Our III B.Sc Student **V.Sermaraja** has won First Prize in Quiz Competition on 19.12.2024 and 20.12.2024 organized GVNC TALENT FEST- 2024 by The Linguaholic Forum & The Fine Arts Club, G.Venkataswamy Naidu College, Kovilpatti.

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DIRECTOR