



**G. VENKATASWAMY NAIDU COLLEGE (Autonomous), KOVILPATTI.**

**Re-accredited with 'A' Grade (3.21 out of 4) by NAAC  
(Affiliated to Manonmaniam Sundaranar University – Tirunelveli)  
(STAR College by DBT, Govt. of India)**



**DEPARTMENT OF COMPUTER APPLICATIONS**

**DEPARTMENT ACTIVITIES (August 2024 to April 2025)**

**LIMEX REPORT**

**Association Activities are as follows:**

**Association Inauguration and Seminar**

- BCA department **ASSOCIATION INAUGURATION** was organized on 07.08.2024 and also conducted a Seminar on “**AI TECHNIQUES**” by Dr.V.PREETHA, Assistant Professor, Department of Computer Science, Sri S.R.N.M College, Sattur.

**Intra Departmental Competition**

- An Intra Departmental Competition was planned as the name of **BRIGHT SPARK'24** on 24.09.2024 in Seminar Hall. The event was a significant opportunity for undergraduate students from the first and second years of the Bachelor of Computer Applications (BCA) program to showcase their creativity and technical skill across various competitions. The principal i/c Dr.M.Subbulakshmi and the Director Dr. G.Venkadasalapathi has inaugurated the function and motivated the students to exhibit their effective participation. Third year students have organized the competitions like **Paper Presentation, Debugging, Quiz, Fireproof, E-Sports & Hunt Down**. In the valedictory session, chief guest, **Mrs.Mariaselvi, Head Mistress, Govt. Higher. Secondary School, Ilayarasanendal** delivered the valedictory address and distributed the prizes, certificates to the winners of various competitions.

The Prize winners are,

| S. No | Events            | First Prize                 | Second Prize                    |
|-------|-------------------|-----------------------------|---------------------------------|
| 1     | <b>SLIDE SHOW</b> | KRISHNA. M<br>MARISELVAM. E | MUTHU KIRUTHIKA.V<br>PADMA SRIM |
| 2     | <b>DEBUGGING</b>  | FRANCIS VINOTH. M           | KAILASH.J                       |

|   |                    |                                             |                                                                      |
|---|--------------------|---------------------------------------------|----------------------------------------------------------------------|
| 3 | <b>MIND PUZZLE</b> | FRANCIS VINOTH. M<br>MUTHUPANDI. A          | KALI DASAN.L<br>SARAVANA VEL.G                                       |
| 4 | <b>E-SPORTS</b>    | SURYA. J                                    | KAMALESH.M                                                           |
| 5 | <b>FIREPROOF</b>   | MURUGAVENI. M<br>USHA RANI. M               | BHARATHILAKSHMI. M<br>VIDHYA. K                                      |
| 6 | <b>HUNT DOWN</b>   | KAILASH.J<br>KALI DASAN.L<br>PALANI KUMAR.S | ANTO HEPSIBHA. M<br>BANUPRIYA. M<br>MUTHUPANDI. A<br>SANKARESWARI. M |

### **Workshop**

- Workshop on “**WEB AND APP DEVELOPMENT**” by Mr.M. BALAMURUGAN,ALPHA LEARNING LUME, PSR ENGINEERING COLLEGE, Sivakasi on 30.12.2024.He shared the process of designing, building, and maintaining web-based applications and mobile apps.

### **Industrial Visit**

- An industrial visit arranged for students At Kerala Electrical Allied Engineering Co.Ltd, Kochi 53 students with 2 faculties joined the industrial visit from 30.01.2025 to 31.01.2025.

### **On-Campus Placement drive**

- On-Campus Placement drive conducted by “**TECHLAMBDAS PRIVATE LIMITED**”, Kovilpatti on 01.02.2025. In this drive totally 192 students are various department participated.

### **INTERNATIONAL CONFERENCE**

- Department of Botany, Computer Applications, Library, Information Technology and Statistics Jointly organize One Day International Conference on “**Convergence of Knowledge and New Frontiers: Exploring IT, Computer Applications, Library Science, Statistics and Life Sciences in Science & Technology**” Hybrid mode on 07.03.2025. The Principal (i/c) Dr.M.Subbulakshmi presided over the function, and The Director Dr.G.Venkadasalapathi felicitated this function.

In Session - I Chair Person **Dr.V.Deneshkumar**,Ph.D.Assistant Professor,Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, who delivered a keynote address on “**Technical Skill Development**”.

In Session – II, **Dr.Manikandan Gurusamy**,Ph.D.Research Scientist, Pharmaceutical & Bio Tech Advance in Africa,Department of Pharmaceutical Sciences,Tshwane University of

Technology, Arcadia Campus, Pretoria, South Africa, who delivered a keynote address on **“Role of Nanotechnology in unlocking the therapeutic potential of medicinal plants”**.

In Technical Session - I: Chair Person **Dr.R.Madhana Gopal** Assistant Professor, Department of Statistics, The Madura College, Madurai and **Dr.K.Ramasamy** Librarian M.V.M Women’s College, Dindigul is monitoring the all-conference presenters.

In Technical Session - II : Chair Person **Dr.K.Merrilliance**, Associate Professor, Department of Computer Applications and Research, Sarah Tucker College, and **Dr.K.Deviga**, Assistant Professor and Head, PG Department of Computer Science, P.S.R.College, Sevalpatti, is monitoring the all-conference presenters in Google Meet. More than 40 professors and students from 13 colleges presented their research papers. All chair persons distributed certificates to the participants.

### **MoU’S**

BCA Departement and **Tech Lambdas Private Limited** mutually signed a **Memorandum of Understanding** for the benefit of department students for skill training, Internship and Placement.

### **STAFF ACHIEVEMENTS:**

- **Mrs.M.Gandhimathi, Head & Asst.Prof**, has published the paper in the title: **“Machine Learning Algorithms for Forecasting Moral Behaviour in COVID-19 Cardiovascular Problem”** the international journal of engineering Applied Sciences and Technology, Vol.9, Issue 02, ISSN No.2455-2143 June 2024.
- **Mrs.S.Sivasakthi & Mrs.A.Rajeswari, Asst.Prof**, has successfully has participated in the one week Online Faculty Development Program on Recent Trends in Artificial Intelligence and Machine Learning organized by Department of CSE and Allied branches, Bonam Venkata Chalamayya Engineering College, Odalarevu from 18<sup>th</sup> June to 22<sup>nd</sup> June 2024.
- **Mrs.S.Sivasakthi & Mrs.A.Rajeswari, Asst.Prof**, has actively participated in **“ONE DAY ONLINE FACULTY DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING”** organized by Star International Foundation for Research and Education on 22.06.2024.
- **Mrs.S.Sivasakthi, Asst.Prof**, has actively participated in 7 days FDP on **ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION”** organized by Star International Foundation for Research and Education on 01.07.2024 - 07.07.2024.

- **Mrs.S.Sivasakthi, Asst.Prof**, has attended the International Symposium on Architecture, Engineering and Design held on July 08-09,2024/ Diyarbakir,Turkiye, in Collaboration with Dicle University & Institute of Economic Development and Social Research with an oral presentation entitled **“PREDICTING PNEUMONITIS RELATED TO IMMUNE CHECKPOINT INHIBITOR USING COMPUTED TOMOGRAPHY AND WHOLE-LUNG ANALYSIS DEEP LEARNING”**.
- **Mrs.S. Sivasakthi, Asst.Prof**, has participated in Seven Days International FDP on **“DATA MANAGEMENT USING CLOUD”** organized by Department of Computer Studies, Hindusthan College of Arts & Science, Coimbatore from July 29 to August 04,2024.
- **Mrs.S. Sivasakthi, Asst.Prof**, has participated in the two days FDP on **“CRITICAL AND CREATIVE THINKING SKILLS”** on 5<sup>th</sup> and 6<sup>th</sup> August 2024, organized by the IQAC, Michael Job memorial College for Education ,Coimbatore.
- **Mrs.S. Sivasakthi & Mrs.A.Rajeswari Asst.Prof** has participated in the **NPTEL Awareness Workshop** on 07.08.2024.
- **Mrs.S. Sivasakthi, Asst.Prof**, has participated in Five days FDP on **“INTERNET OF THINGS FOR EMERGING TECHNICAL APPLICATIONS”** organized by Department of ECE ,M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai held from 12.08.2024 to 18.08.2024.
- **Mrs.M.Gandhimathi, Head & Asst.Prof**, has participating in the 59<sup>th</sup> edition of **BRIDGE 2024-Madurai**(A High Impact Industry-Institute Interaction Event),Organized by ICT Academy held on 30.09.2024 at Courtyard by Marriott,Madurai.
- **Mrs.S. Sivasakthi, Asst.Prof**, has published the paper in the title: **“A CAD system for Covid-19 Identification on CT images with Deep Learning:A Review”** the Contemporary Research Disciplines ISBN:978-81-978738-1-2,published by G.Venkataswamy Naidu College and San International Scientific Publications on September 2024.
- **Mrs.A.Rajeswari, Asst.Prof** has published the paper in the title: **“A Survey on Security and Privacy of 5G Technologies”** the Contemporary Research Disciplines ISBN:978-81-978738-1-2,published by G.Venkataswamy Naidu College and San International Scientific Publications on September 2024.
- **Mrs.R.Lavanya, Asst.Prof** has published the paper in the title: **“Security Issues in Data Mining”** the Contemporary Research Disciplines ISBN:978-81-978738-1-2, published by G.Venkataswamy Naidu College and San International Scientific Publications on September 2024.

- **Mrs.M.Gandhimathi, Head & Asst.Prof**, has participated in the National Level Seminar on Innovations and Future Directions in Space Technology (IFDST-2K24) Organized by the Department of Computer Science, Chemistry & Physics, Sri S.Ramasamy Naidu Memorial College Sattur on October 01, 2024.
- **Mrs.M.Gandhimathi Head and Asst.Prof, Mrs.S.Sivasakthi, Mrs.A.Rajeswari & Mrs.R.Lavanya, Asst.Prof** has attended the Five day FDP on Innovative Approaches in Higher Education and Research Organized by the IQAC, G.Venkataswamy Naidu College(Autonomous), Kovilpatti from 15.10.2024 to 19.10.2024.
- **Mrs.R.Lavanya, Asst.Prof** has attended Seven-Day Self-Paced Online FDP/Capacity Building Programme On **AI-DRIVEN RESEARCH EXCELLENCE** organized by E-Learning, Educational Technology & E-Governance Cell of IQAC at Sri S.Ramasamy Naidu Memorial College, Sattur held from 04.11.2024 to 11.11.2024.
- **Mrs.M.Gandhimathi Head and Asst.Prof**, participated in the International Conference on Current Challenges in Research with Computer Science and Technology (ICCCRCST – 01) and presented the paper on entitled **“EXPLORING MACHINE LEARNING APPROACHES TO PREDICT ETHICAL CHOKES IN HEART PATIENTS DURING THE COVID-19 CRISIS”** organized by SRI SARADHA COLLEGE FOR WOMEN, Tirunelveli on 19.12.2024.
- **Mrs.M.Gandhimathi Head and Asst.Prof**, participated in the International Seminar on the topic of **“Human-Machine Teams: The Future of Work and Innovation”** organized by Department of Computer Applications, Don Bosco College of Arts and Science, in collaboration with Eternal Scientific Publications 27.02.2025.
- **Mrs.R.Lavanya, Asst.Prof** has attended Five days Faculty Development Programme On **REVOLUTIONIZING DIGITAL CONTENT CURATION AND ACCESS** organized by the Research, Library Committee (SFC) & JISRS at G.Venkataswamy Naidu College(Autonomous), Kovilpatti from 17.02.2025 to 21.02.2025.
- **Mrs.M.Gandhimathi, Head & Asst.Prof, Mrs.S.Sivasakthi, Mrs.A.Rajeswari & Mrs.R.Lavanya Asst.Prof**, has participated in the one-day International Conference on **“CONVERGENCE OF KNOWLEDGE AND NEW FRONTIERS,”** organized by the Department of Botany, Computer Applications, Library Science, Information Technology & Statistics, held on 07.03.2025.

- **Mrs.S. Sivasakthi, Asst.Prof,** has published an article on in “**Comparing Feature Extraction Methods with Different Datasets Using Machine Learning Techniques**” Volume III, Issue 1, March 2025 of the Journal of Inventive and Scientific Research Studies(JISRS).

### **STUDENT ACHIEVEMENTS**

- II BCA Students M.Banupriya for securing the **First Position in the Public Speaking Tamil Competition during the Talent Show** “Inter Departmental Public Speaking Competition – August’2024 voices of freedom (Commemorating the 78<sup>th</sup> Independence Day Celebration) organized by the Linguaholic Forum of G.Venkataswamy Naidu College,Kovilpatti on 09.08.2024.
- II BCA Students M.Sankareswari for securing the **Second Position in the Public Speaking Tamil Competition during the Talent Show** “Inter Departmental Public Speaking Competition – August’2024 voices of freedom (Commemorating the 78<sup>th</sup> Independence Day Celebration) organized by the Linguaholic Forum of G.Venkataswamy Naidu College,Kovilpatti on 09.08.2024.
- II BCA Students A.Hariharan, M.Francis Vinoth, M.Balamurugan, J.DineshKumar, A.MuthuPandi, P.Dhanush has participated and won the **III prize in the SHORT FILM competition held in “Commerce ACE-2K24”**, State Level Inter-Collegiate Cultural Meet,organized by Department of Commerce(SF) at Kamaraj College,Thoothukudi on 30<sup>th</sup> August 2024.
- III BCA Students S.Chelladurai, K.Karthick Kumar has participated and **won the II prize in the Star of the Event competition** organized by Department of Computer Science State Level Inter-Collegiate Meet Competitions at Ayya Nadar Janaki Ammal College, Sivakasi on 30<sup>th</sup> August 2024.
- II BCA Student M.Swetha of T.N has **secured 3<sup>rd</sup> place in the 69 kg.Weight class** at the **Sb.Junior Benchpress** held at Sonipat during 13.09.2024 to 16.09.2024.
- III BCA Student S.Karthikeyan has **secured the Second Place in the GVN TALENT FEST-2024 Inter-Departmental Drawing Competition** Organized by the Linguaholic Forum & The Fine Arts Club on 19.12.2024 and 20.12.2024 at G.Venkataswamy Naidu College,Kovilpatti.

- III BCA Student S.Karthika has **secured the First Place in the GVN TALENT FEST-2024 Inter-Departmental Public Speaking(Tamil) Competition** Organized by the Linguaholic Forum & The Fine Arts Club on 19.12.2024 and 20.12.2024 at G.Venkataswamy Naidu College,Kovilpatti.
- II BCA Students M.Kalidass, M.Krishna has **secured the Second Place in the GVN TALENT FEST-2024 Inter-Departmental Dance Competition** Organized by the Linguaholic Forum & The Fine Arts Club on 19.12.2024 and 20.12.2024 at G.Venkataswamy Naidu College,Kovilpatti.
- I BCA students K.Marieswari,V.Muthukiruthika,K.Senduselvi and II BCA students M.Banupriya, M.Murugaveni, M.Sankareswari,M.Swetha has **Secured the First Place in the GVN TALENT FEST-2024 Inter-Departmental Mime Competition** Organized by the Linguaholic Forum & The Fine Arts Club on 19.12.2024 and 20.12.2024 at G.Venkataswamy Naidu College,Kovilpatti.
- BCA department students got **OVERALL CHAMPION RUNNER-UP in the GVN TALENT FEST-2024 Inter-Departmental Competition** Organized by the Linguaholic Forum & The Fine Arts Club on 19.12.2024 and 20.12.2024 at G. Venkataswamy Naidu College, Kovilpatti.
- II BCA Students M.Murugaveni,A.S.Meenaloshani has actively participated in inter departmental Competitions and **won the II Prize in Art From Waste** organized by department of Costume Design and Fashion,G.Venkataswamy Naidu College,Kovilpatti held on 27.12.2024.
- III BCA Students I.Rathisbabu, S.Ravichandra has Participated in **Web Designing Competition and won the II Prize** K.Ganeshkumar participated in Virtual Realms and **won the II Prize** in the State Level Technical Symposium at Ayya Nadar Janaki Ammal College, Sivakasi on 04<sup>th</sup> February 2025.
- III BCA Student J.Priya @ Logasundari Participated in **Reel Creation Competition and won the III Prize** in the Inter-Collegiate Competitions (ICERT'25) at Sri.S.Ramasamy Naidu Memorial College, Sattur on 06<sup>th</sup> February 2025.
- I BCA Students M.Padmasri ,P.Muthukiruthika has won the **1<sup>st</sup> Prize** for getting marks in tamil Subject organized by Thiruvalluvar Tamizh mandram,Kovilpatti on 16.02.2025.

- I BCA Student S.Rubadevi Passed the Examination conducted by **Vivekananda Kendra, Kanyakumari** in the subject of **Desiya Kaviyam Ramayanam** held on 18.02.2025.
- III BCA Students V.Sathish Kumar Participated in **Web Designing Competition and won the 2<sup>nd</sup> Prize** in the State Level Technical Symposium at K.R College of Arts and Science, Kovilpatti on 05.03.2025.
- III BCA Students M.Vignesh, S. Nanthakumar has participated in **Quiz Competition and won the 2<sup>nd</sup> prize** in the State Level Technical Symposium at K.R College of Arts and Science, Kovilpatti on 05.03.2025.
- II BCA Students R.Soundarya and K.Vidhya has voluntary participation in the **“Womens Day 2025 – Marathon & Walkathon”** organized by the Thoothukudi District Police on 08.03.2025.
- II BCA Students M.Anto Hepzibha and L.Gejalakshmi has won in the event of **third prize on quiz** as part of the **Inter-Department Competition** Organized by the Department of Commerce (Professional Accounting) on 14.03.2025 at G.Venkataswamy Naidu College,Kovilpatti.
- II BCA Students M.Murugaveni and M.Usha Rani and **won in the event of second prize on Flameless Cooking as part of the Inter-Department Competition** Organized by the Department of Commerce (Professional Accounting) on 14.03.2025 at G.Venkataswamy Naidu College,Kovilpatti.
- III BCA Students S. Karthikeyan and V.Sathish Kumar Designed **Students Grievance Form for our college website**. On behalf Our Management, Secretary, Principal, Director and BCA department Staff Members Congratulate both of them.

**HOD**

**DIRECTOR**