i. Name :	:	Ms.K.NEELA
ii. Date of Birth	:	23/06/1988
iii. Unique id	:	SECT22IT06
iv. Education Qualifications:		B.Tech, M.E,(Ph.D.,)

v. Work Experience   :14.3Years

• Teaching   : 7.2Years

• Research   : -

• Industry   : 7.1

• others   : -

vi. Area of Specialization :Computer Science

vii. Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate

Fundamentals of Computing,Mobile Communication, Computer Networks,Operating systems,Data structures and Algorithms,Distributed systems,Information Theory and Coding,Principles of Management,Air Pollution and Control Engineering,Computer Graphics and Multimedia,Software Engineering,programming in c,Problem solving in Python,Web Design.

viii. Research guidance

• No. of papers published in National/ International Journals/ Conferences

- MASTER:10
- Ph.D.-NIL

ix. Projects Carried out - Guided 12 Projects

x. Patents :FILLED

xi. Technology Transfer - NIL

xii. Research Publications - 6

1. Published the paper "Doctor Appointment Booking System Using Content Based Filtering Recommendation"in IJME_Vol7.1_572 January 2022.

2. K. Neela, J. G, S. Saranya and S. Subramaniam, "Structured Data Collection Algorithm for Wearable Device in IoT and WSN," *2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS)*, Madurai, India, 2022, pp. 501-506, doi: 10.1109/ICICCS53718.2022.9788303

3. S. Kalaivani, G. Bharathasreeja, T. D. Subha, K. Neela, D. Kalaiselvi and P. V. Kumar, "Star Shaped Penta-Frequency Microstrip Radiating Element Design for X, C Band and Satellite Communication," *2022 6th International Conference on Trends in Electronics and Informatics (ICOEI)*, Tirunelveli, India, 2022, pp. 482-486, doi: 10.1109/ICOEI53556.2022.9776799

4. J. J. Hephzipah, T. D. Subha, K. Neela, Sushmitha and Anvitha, "Detection and Diagnosis of Meningioma Brain Tumors using Proposed CNN Architecture," *2022 International Conference on Inventive Computation Technologies (ICICT)*, Nepal, 2022, pp. 999-1004, doi: 10.1109/ICICT54344.2022.9850493.

5. .M. Panneerselvam, K. Neela, R. Rajeshwari, M. Vengadapathiraj, S. Sobitha and V. Mohanavel, "A Novel Approach to Identify the Anomaly Detection in Electricity usage based on Machine Learning Algorithms and Big Data," *2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)*, Trichy, India, 2022, pp. 1393-1400, doi: 10.1109/ICOSEC54921.2022.9952098

6. Blessy, K. Neela, A. Rajalakshmi, A. Joseph, C. Muralidharan and A. G, "A One-Dimensional Convolutional Neural Network and Long Short-Term Memory Model for Limb Movement Detection," *2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)*, Chennai, India, 2023, pp. 1-8, doi: 10.1109/ICECONF57129.2023.1008391

7. "A Novel Methodology to Identify Autism Disorder in Earlier Stages using Artificial Intelligence Assisted Hybrid Learning Scheme"Geetha, C., Gomathi, M., Jayalakshmi, A., Neela, K., Sherly, S.I.Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023, 2023.

8. Estimation of Meterological Drought Prediction by SPEI Using SVM Neela, K., Rani, P.S.,2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023, 2023.

xiii. No. of Books published with details-NIL