

CYBERBLITZ

NEWSLETTER

2023

JANUARY- JUNE

EVENTS

- An exhibition of 8th semester CSE student projects, for the 4th and 6th semester CSE students was successfully conducted on 17th May 2023, from 8:30 AM to 12 PM. The venues for the event were Zuse lab, Heisenberg lab and Photon lab, of the Main block of RSET. The junior students were taken in batches to the 3 venues, and each batch could spend 30 minutes there. The final year students explained about their projects and showed them the results. The event was organized and coordinated by faculty coordinators of Cyberblitz along with the project coordinators.



- Conducted a Technical Quiz 'Questivity' on 19-May-2023. Rohan Ranjith S6 CSC got FIRST Prize.

- Conducted a technical talk on "Data Science trends in International Organization" by Mr. Martin George (Data Scientist, United Nations Vienna), for the students of the CS Department followed by the release of the department magazine "Cyberverse 2022" at KE Seminar Hall on 26th May 2023 from 11.30 AM to 12.30 PM, Faculty Coordinator: Dincy Paul and Student Coordinator: Jeffin Jitto (S6 CS A)

- Conducted a technical quiz competition Questivity for the students of the CSE Department on 19th May 2023 (Friday) from 11.30 AM to 12.30 PM in Multimedia Hall, Faculty Coordinator: Dincy Paul and Uday Babu (Department of CSE) and Student Coordinator: Sayujya Salim (S6 CS C)

- Collaborating with Armia Systems Pvt. Ltd department conduct a technical talk on the "Scope of Current Opportunities in IT Sector - Devops - AWS - Linux" for the students of CSE Department at Chavara Hall on 2nd June 2023 (Friday) from 11.30 AM – 12.30 PM. Faculty Coordinator: Uday Babu P (Department of CSE) and Student Coordinators: Jeffin Jitto (S6 CSE B), Gayathri Ravi(S6 CSE B)

- Organized a workshop on LaTeX for the 6th semester CSE students on the 8th, 9th, and 16th of June 2023. The workshop is intended to familiarize the participants with how to use the tool for writing project reports and publications. The resource person was Mr. Harikrishnan M. (Asst Professor, Dept. of CSE).

- Conducted a technical event "Code Hunt" for the students of CSE Department to evaluate the coding skills of the students at : Heisenberg Lab on 9th June 2023 (Friday) from 11.30 AM – 12.30 PM. Faculty Coordinator: Jyotsna A (Department of CSE) Student Coordinators: Jeffin Jitto (S6 CSE B), Gayatri Ravi(S6 CSE B)

- In association with Aptronics , the association of Applied Electronics & Instrumentation organized a hands-on training program on Python Programming for S6 AE students at Hercules Lab, Main Block on 6th June 2023 11:30 am – 1.00 pm Resource Person: Mr Uday Babu P, (Assistant Professor, DCS).

AWARDS AND ACHIEVEMENTS

- Manu Krishnan N S of 2019-2023 CSE batch was awarded Special Endowment Award for GATE top scorer - 2023 during Samavarthanam 2023.

- Abel Simon Zachariah of 2019-2023 CSE batch got an award in remembrance of Dr. Jaya Abraham during Samavarthanam 2023.

- Student Project named “Enriching transformers for image captioning using fourier transforms” got funding under KTU CERD Innovative student project 2023 for an amount of Rs 30,000 on 18th March 2023.

Principal Investigator: Ms Seema Safar,
Student Members: Abhijith Das, Amijith M M,
Devika M Joshy, Diya Theresa Sunil.



- Ealishaw Johny -Graduated the Google Developer Student Clubs(GDSC) Program.

- Abhiram Ramachandran, Adwaita Binu, Aleena Mary Karatra and Amruta Anandan Nair (S6 CS Alpha, 2020-24 Batch) secured first prize in Slashkey 2.0, a national level hackathon conducted by IEEE Computer Society Kerala Chapter powered by Intel. A total of Rs. 30,000 was won by the team.



- Anantha Krishnan G, Anjoe S Nambadan, AshwinSaji, ChackochanSanjai (S6 CS Alpha, 2020-24 Batch) won the Best entry for Ideation on Sustainability based startups at the Sustainability Hackathon Challenge held at Entrepreneurship Development Institute of India(EDII), Ahmedabad. Event was organized as a part of G20 Summit 2023 & award presented by Mr. H K Mittal, Former Programme Head of Innovation, Entrepreneurship and Tech. Commercialization, DST GOI



- Anantha Krishnan G, Anjoe S Nambadan, AshwinSaji, ChackochanSanjai (S5 CS Alpha, 2020-24 Batch) secured first prize in Hackleague, a 24 hour Hackathon organized by the IHRD College of Engineering, Chengannur. A total of Rs. 8000 was won by the team.



AWARDS AND ACHIEVEMENTS

- Namitha Santhosh from S8 Cs Gamma received SPAX Funding of \$350 for KHM and Cash Prize of Rs. 900 from IEEE SB CET.
- Nikhil Santhosh Nair from S8 CS Gamma received a cash prize of Rs.8000 for winning 3rd prize in band warz at MITS. and cash prize of Rs.1000 for winning 3rd prize in unplugged Competition in GEC Thrissur
- Eby J Kavungal S2CSB got third Prize for Technical Quiz for QZ'Techkshetra organized by RSET IEDC, KOCHI
- Mohammed Nihal Sageer S6 CSB secured first position in Tech fest 'Idea pitching' on 11-May-2023 held at Sree narayana Gurukulam college of engineering

COURSE CONDUCTED

- Bridge Course on Logic Development & Introduction to Programming – Semester 2 (Common to all branches except CSBS) was conducted from 27/03/2023 to 31/03/2023). Coordinators were Dr. Preetha K G (DCS), Ms. Tripti C (DCS)

INTERNATIONAL EVENTS

- Conducted a technical talk on "Data Science trends in International Organization" by Mr. Martin George (Data Scientist, United Nations Vienna), for the students of the CS Department on 26th May 2023 from 11.30 AM to 12.30 PM.

FACULTY AS RESOURCE PERSON

- Dr Varghese Paul, Professor, DCS, RSET inaugurated and handled a session in Five day FDP on Recent Trends in Machine Learning in MACE, Kothamangalam on January 30, 2023



EXTRACURRICULAR ACHIEVEMENTS

- Evana Bose (S8 CS Beta) secured first position in Women's doubles in Racquettes tournament hosted by Saintgits College of Engineering and Technology on 31st March and 1st April.
- Evana Bose (S8 CS Beta) secured first position in Women's doubles in All Kerala Intercollegiate Tournament hosted by TKMCE on 29th April.
- Pranathi K (S2 CSE Gamma) won bronze medal in 3000 meters Women at KTU Athletics held at Trivandrum.

RESULTS

BTech Computer Science and Engineering (KTU 2019-2023) were announced on 19 July, 2023. BTech with Honors were secured by 15 students..

BTECH (HONOURS)

A grid of 15 student portraits, each surrounded by a laurel wreath, arranged in three rows. The names are listed below each portrait.

Kevin Shaju	Abhijith Das	Abhinav Anil	Diya Theresa Sunil	Greeshma Vishnu
N Rahul	Roniya Thomas	Abel Simon Zachariah	Anugraha Antoo	Megha Suresh
Ealishaw Johny	Emilin Antony	Gokul P V	Manu Krishnan N S	

ABOVE 9 CGPA

A grid of 27 student portraits arranged in five rows. The names are listed below each portrait.

Anagha Abraham	Neethu Skaria	Abel Simon Zachariah	Gokul P V	Diya James	
Hemal Sebastian	Greeshma Vishnu	M Mehala	Nandakishore P	Devika M Joshy	Varun C
Lynette Mary Paulson	Diya Theresa Sunil	Tissa Paul	Anugraha Antoo Kanjookaran	Megha Suresh	
Priyanka Roy	Irin Sunny Thekkakara	Manu Krishnan N S	Jisha Joseph	Tancia Joy	Ankita Maria John
Maria Rojo Jose	Roniya Thomas	Megha Elisa George	Varsha Maria Biju	Yadul Manoj	

Pass percentage for this batch was 88.64%. Out of this, 27 students scored CGPA above 9 and 114 students passed the course with distinction.

Toppers are Abel Simon Zachariah, Neethu Skaria, Anagha Abraham, Gokul P V.

Four student portraits in circular frames, each with their name and CGPA score listed below.

Abel Simon Zachariah CGPA: 9.64	Neethu Skaria CGPA: 9.61	Anagha Abraham CGPA: 9.61	Gokul P V CGPA: 9.46
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PLACEMENTS

Total Placement offers 282, students placed 170

The students of the department of Computer Science and Engineering bagged a lot of offers from multiple companies during the year 2022-23. More than 160 students of the 2019-23 batch got placement offers. Most students even bagged multiple offers. Some of the companies that hired the students include the likes of Red Black, Accenture, People10, Cognizant, TCS, First American India, Nissan Digital, and Deloitte among others.

INDUSTRIAL VISIT

Final year students of 2019-23 batch **s8 cs alpha** visited Coca Cola, Technorix, Sagar industries as part of industrial visits on march 23rd, 2023. Faculties accompanied are Dr Varghese S Choorail and Sr Jeseena.

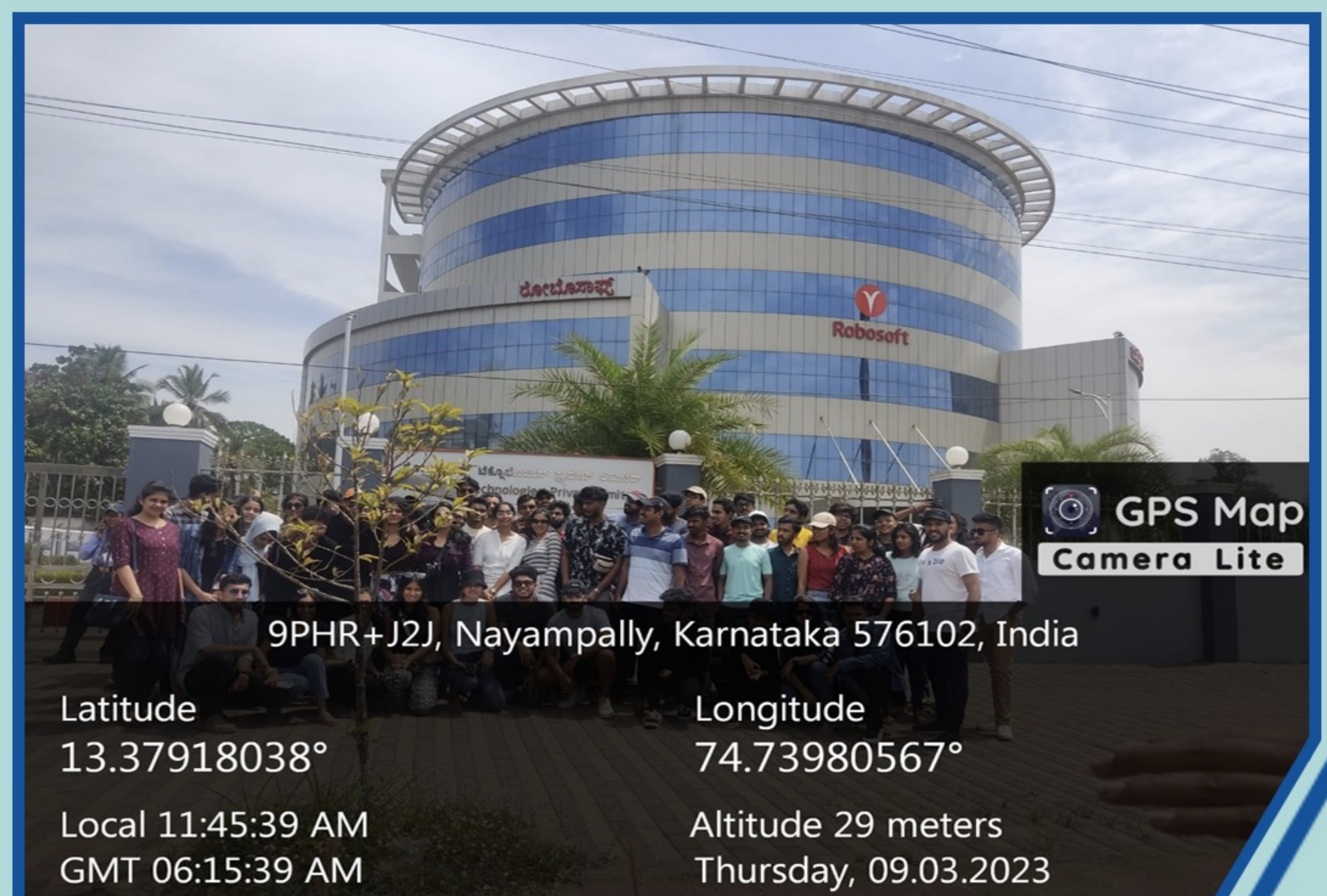


Final year students of 2019-23 batch **s8 cs beta** visited companies like Infinyt3D Private Limited, Machino-Tech Engineering Works, and GMI Zarhak Moulders Private Limited located in Verna Industrial Estate, Verna, Goa on March 15th, 2023 as part of industrial visits. Faculties accompanied are Ms Sangeetha Jamal and Mr Uday Babu P.



Verna Industrial Estate, Verna, 403722, GA, India
Latitude 15.3647° N Longitude 73.9460° E
Local 11:55:20 AM Altitude 86.5 meters
GMT 06:25:20 AM Thursday, 03/16/2023

Final year students of 2019-23 batch **s8 cs gamma** visited Robosoft, Rainbowpipes and Newtech Industries, Goakarna as part of industrial visits on march 8th, 2023. Faculties accompanied are Mr Paul Augustine and Ms Meenu Mathew.



9PHR+J2J, Nayampally, Karnataka 576102, India
Latitude 13.37918038° Longitude 74.73980567°
Local 11:45:39 AM Altitude 29 meters
GMT 06:15:39 AM Thursday, 09.03.2023

PROMOTIONS

Dr Varghese Chooralill and Dr Jisha G were promoted as Associate Professor in the Department of Computer Science and Engineering

BOOK PUBLICATIONS

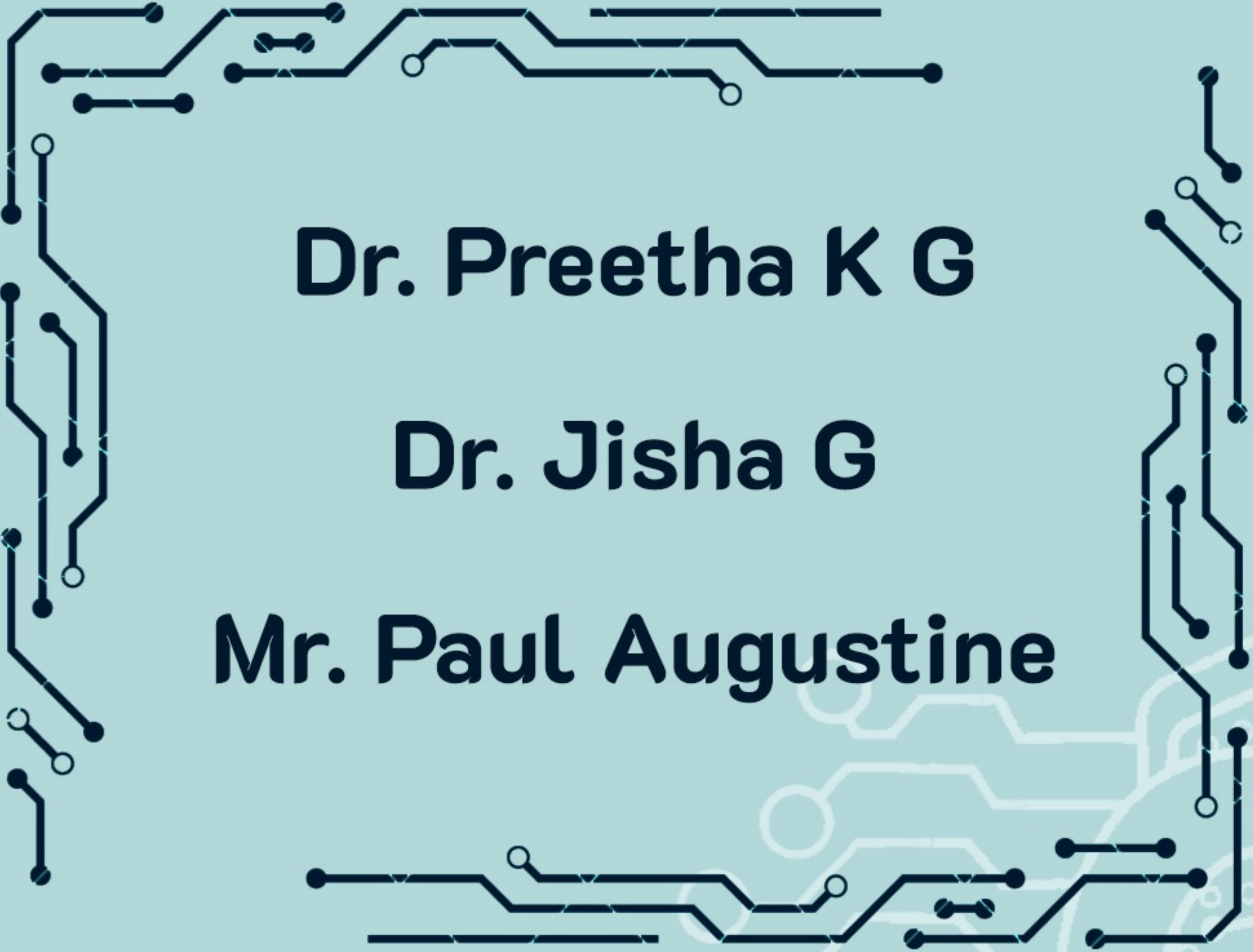
Dr Preetha K G, Dr Saritha S, Mr Binu A, Dr Remesh Babu published a book on Security Management in Cloud Environment for Social Enterprises Published By COSMAS Scientific Publications

PAPER PUBLICATIONS

- Sebastian, M.P., 2023. Malayalam Natural Language Processing: Challenges in Building a Phrase-Based Statistical Machine Translation System. ACM Transactions on Asian and Low-Resource Language Information Processing, 22(4), pp.1-51.
- Sunny, L.E., Paul, V. and Narayanan, U., 2023. A Novel and Dynamic S-Box for Improving the Security of Audio and Video for Various Crypto-Applications. International Journal of Intelligent Systems and Applications in Engineering, 11(7s), pp.545-560.
- Mathew, M. and Prakash, J., 2023, April. Weighted Pooling RoBERTa for Effective Text Emotion Detection. In 2023 IEEE 8th International Conference for Convergence in Technology (I2CT) (pp. 1-5). IEEE.
- Akshaya, P. and Jamal, S., 2022, December. Hybrid Model to Detect Pneumothorax Using Double U-Net with Segmental Approach. In International Conference on Intelligent Systems Design and Applications (pp. 564-573). Cham: Springer Nature Switzerland.
- Fernandez, J.J. and Nithyanandam, P., 2023. Biometric watermarking: an application-based.
- Nandakishore, P., Nair, N.S., Alapatt, P.D., Kurian, T. and Preetha, K.G., 2023. SPOTLIGHT: A Mobile Application for Artist Management. Mathematical Statistician and Engineering Applications, 72(1), pp.1054-1061.
- Cherian, D.M. and Fernandez, J.J., 2023. Real-time sign language recognition and speech conversion using VGG16. International Journal of Computational Vision and Robotics, 13(2), pp.174-185.
- Jyotsna, A. and Mary Anita, E.A., 2023, March. Enhancing IoT Security Through Deep Learning-Based Intrusion Detection. In International Conference on Computer and Communication Engineering (pp. 95-105). Cham: Springer Nature Switzerland
- Joshy, D.M., Das, A., Amijith, M.M., Sunil, D.T. and Safar, S., 2023, June. Enriching Transformer using Fourier Transform for Image Captioning. In 2023 3rd International Conference on Intelligent Technologies (CONIT) (pp. 1-6). IEEE.
- Sunil, D.T., Safar, S., Das, A., Amijith, M.M. and Joshy, D.M., 2023, May. A Comparative Analysis of Image Captioning Techniques. In 2023 4th International Conference for Emerging Technology (INCET) (pp. 1-8). IEEE.
- Paul Augustine, Emilin Antony, Lekshmi M P, Jessica Augustine, Lynette Mary Paulson Proceedings of ARSSS International Conference for Advanced research Society for science and sociology.
- Amitha Mathew, Dr. P Amudha Finger Vein image labelling using hybrid algorithm proceedings on International Conferences on Emerging Trends in Industry 4.0 and Sustainable Concepts.

THANK YOU

EDITORIAL BOARD



Dr. Preetha K G

Dr. Jisha G

Mr. Paul Augustine



ILLUSTRATIONS



ALDRIN SAJI

AVELIN TERESA