Volume-2 ISSUE-1



JEWS LETTER 2023-2024

CABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY



S.Saranya, P.Revathi



NEWS LETTER 2023-2024

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Induction Programmes:

1. Conducted Induction Programme for Second year Computer Science and Engineering students on 20.10.2023 and 62 Students of Second Year Computer Science and Engineering along with their parents attended the programme. The induction program was organized by Ms.T.M.Roshan Banu Asst Professor CSE department.

Department Vision

Tobeapioneerineducating advanced information technology to students.





Research And Development / Consultancy Projects:
2. Dr.K.Lokeshwaran, Dr.K.Boopalan, Dr.K.Abrar Ahmed, et.al,
"Enhancement of Health System for Emergency care Using IoT
Techniques, International Journal of Early Childhood Special Education,
Vol(14), Issue:05,pp.5433-5442,2022. (Scopus Indexed)
3. Dr.K.Abrar Ahmed Associate professor, Submitted the Research
Proposal for Research Grant to TNSTP on Research Title" Movie
Recommendation System for Differently Abled Persons Using Machine
Learning Techniques on Jun 2023.

Symposium

E. Dr.K.AbrarAhmedAssociate professor, Successfully Organized National Level Technical SymposiumasaConvener on "ELOQUENCE-23" on 7/10/23 organized by Department of Computer Science and Engineering, C.Abdul Hakeem College of Engineering & Technology, Melvisharam.

Dr.R.Z.InamulHussainAssociateprofessor, SuccessfullyorganizedNationalLevel
Technical Symposium asaCo-Ordinator on "ELOQUENCE-23"on 7/10/23 organized by
DepartmentofComputerScienceand Engineering, C.AbdulHakeemCollegeof
Engineering & Technology, Melvisharam.

Value Added Courses:

ourses

6. Dr.R.Z.Inamul Hussain Associate professor, Represented as a Mentor for CSE students in the Grand Finale of Smart India Hackathon (SIH-23) which was held during December 19 and 20 at Ahmadabad, Guajarat for the problem Statement of ISRO project.

7. Ms.T.M.Roshan Banu Asst Professor, Completed the course "Identity and Access Management IAM", "Networking and Web Technology", "Fundamentals of Information Security" on August 08, 2023 and the certificate awarded by Infosys.

8. Ms.T.M.Roshan Banu Asst Professor, Completed the course "Introduction to Cyber Security" on August 09, 2023 and the certificate awarded by Infosys.



9. Ms.T.M.Roshan Banu Asst Professor, Completed the course "Fundamentals of Cryptography", "Identity Governance and Administration", "Threat Modeling", "Security Standards and Regulations" on August 10, 2023 and the certificate awarded by Infosys . 10. Ms.T.M.Roshan Banu Asst Professor, Completed the course "DSA Refresher" on August 22, 2023 and the certificate awarded by Skill Academy.

11. .Mrs.R.Samundi Asst Professor, has successfully completed Python for Data Analysis: Pandas &

Numpy an online non credit project authorized by Coursera Project Network and offered through Coursera On 19 Aug 2023

12. Mrs.R.Samundi Asst Professor, has successfully completed Crash Course on Python an online non-

credit course authorized by Google and offered through Coursera, GOOGLE-On 15 june 2023

13. Mr.T.Balaji, Mr.M.Abdul Naseer Asst professors, Organized a "Two days Workshop on IOT" as Event coordinator on 12/10/23 and 13/10 23 by Alt-sense Technologies.

14. Mr. K.Suhail Ahmed Asst Professor, Organized One Day Technical Workshop as a Event Co-Ordinator on "Full Stack Development" on 19.10.2023 organized by Department of Computer Science and Engineering, C.Abdul Hakeem College of Engineering & Technology, Melvisharam jointly with Strydo Technologies, Vellore



Activities in other department

15. Dr.K.AbrarAhmedAssociateprofessor, Judgeforpaper presentation for the technical symposium conducted by the department of ECE.

16. Dr.R.Z.Inamul Hussain Associate professor, Judge for paper presentation for the technical symposium conducted by the department of Information Technology.

Seminars/ Webinars:

17. Mr.B.Palanisamy Asst Professor, Organized One Day Seminar as a Event Co-Ordinator on "Real-time AWS Services in IT Application" on 16.09.2023 organized by Department of Computer Science and Engineering, C.Abdul Hakeem College of Engineering & Technology, Melvisharam.

18. Mrs. Revathi P has successfully organized One Day Webinar as a Event Co-Ordinator on "Problem-Solving using C and Java in leading coding platforms" or 30.10.2023 organized by Department of Computer Science and Engineering, C.Abdul Hakeem College of Engineering & Technology, Melvisharam. Presented by Dr.R.Annamalai,AP(Sr.Gr.)/AI, Amrita School of Computing, Chennai.

19. Dr.K.Abrar Ahmed and Dr.R.Z.Inamul Hussain Associate professors, Presented a paper "Future based prediction of ground water level of Tamil Nadu using deep learning algorithm" in 5th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2024) and got accepted.

20. Dr.K.Abrar Ahmed Associate professor, Presented a paper "Analysis of Malware

Detection Using Machine Learning Techniques" in International Conference on (AIS3-2023) 20th JAN 2023 in CAHCET.

21. Dr.K.Abrar Ahmed Associate professor , Presented a paper "Advancement of Emergency

Care System Using IoT " in 11th International Conference on

Science and Innovative Engineering O2nd May 20231 in Jawahar Engineering College.

22. M. Ranjith Kumar, R. Mani, P. Revathi, et.al, "A Robust and Fast Symmetric Text Encryption Algorithm Based on Fermat's Two Squares Theorem," International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI), IEEE, pp. 1-5, 2023. https://doi.org/10.1109/RAEEUCCI57140.2023.10134472. (Scopus Indexed)

23. Ahmed Nabih Zaki Rashed, M. Ranjith Kumar, Revathi Pugazhenthi, et.al, "Bipolar Alternate Mark Inversion Encoding

(BAMI) Scheme for Performance

Signature of Optical Transceiver Systems Under Thermal Effects", Journal of Optical Communications, Walter De Gruyter, 2023. https://doi.org/10.1515/joc-2023-0021.(Scopus Indexed, IF-2.7)

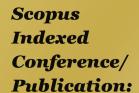
Entrepreneurship Development Programme:

24. Dr.K.Abrar Ahmed Associate professor ,Successfully Organized a 77th INDEPENDENCE DAY-CELEBRATING AZADI KAAMIRITKAL as a convener On 15th August 2023 held at C.Abdul Hakeem College of Engineering and Technology, Melvisharam.

25. Mr. K.Suhail Ahmed Asst Professor, Coordinated an event tilted Motivational Talk "Entrepreneurship and Innovation as career opportunity" on organized by Department of Computer Science in association with IIC-CAHCET, C.Abdul Hakeem College of Engineering and Technology, Melvisharam on 15.11.2023. jointly with Resource person Mr. Anees Ahmed Product Manager, DCKAP Technologies, Chennai.

26. Mr. K.Suhail Ahmed Asst Professor,Organized a 77th INDEPENDENCE DAY- CELEBRATING AZADI KA AMIRITKAL On 15th August 2023 held at C.Abdul Hakeem College of Engineering and Technology, Melvisharam.



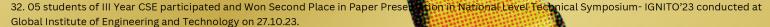




National level Symposium(Student participation /Winning):

- 27. Mohammed Rafique.AofIVyearCSEparticipatedinNationalLevelTechnicalSymposiumGLOBAL COGNIZANCE'23 at Global Institute of Engineering and Technology on 26.10.23.
- 28. 04 students of Third Year CSE participated in National Level Technical Symposium TECH SPARK'2K23 at Global Institute of Engineering and Technology on 26.10.23.
- 29. DHANUSH P of Second Year CSE participated in National Level Technical Symposium TECH SPARK'2K23 at Global Institute of Engineering and Technology on 26.10.23.
- 30. 02 students of Second Year CSE participated in National Level Technical Symposium ELECTRICOGLIMZ 2K'23 at Annai Mira College of Engineering and Technology on 27.09.23.
- 57. 02 students of Second Year CSE participated in National Level Technical Symposium CENTIYON'2023 at Global Institute of Engineering and Technology on 27.10.23
- 31. 02 students of Second Year CSE participated in National Level Technical Sympo

TECHNOVIAL 2K23 at C Abdul Hakeem College of Engineering and Technology on 27.10.23.



33. VADEPEER M of Third Year CSE participated and won in the event "paper present<mark>ation" in National Level Te</mark>chnical Sym osium TECHNO

RENDEZVOUS'23 at C Abdul Hakeem College of Engineering and Technology.

- 34 04 students of Second Year CSE participated in National Level Technical Symposium IN OGRAM'23 at C Abdul Hakeem College of Engineering and Technology on 30.09.23.
- 35. 23 students of Final Year CSE participated in National Level Technical Symposium ELECTF 2K'23 (Event-TECHNOVIZ(QUIZ)) at Annai Mira College of Engineering and Technology on 04.10.23. Learning for NLP and Computer Vision organize ST Institute of Science and Technology(Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd. On 25thOct to 31st Oct 2023
- 36. 02 students of Second Year CSE participated in National Level Technical Symposium CENTIYON
- nd Year CSE participated in National Level Technical Symposium TECHNOVIAL 2K23 at ll Hakeem College of Engineering and
- ar CSE participated and Won Second Place in Paper Presentation in National Level Technical osium-IGNITO'23 conducted at Global Institute of Engineering and Technology on 27.10.23
- 60. VADEPEER M of Third Year CSE participated and won in the event "paper presentation" in National Level Technical S posium TECHNO RENDEZVOUS'23 at C Abdul Hakeem College of Engineering and Technology.
- osium INFOGRAM'23 at C Abdul Hakeem College of Engineering and 39. 4 students of Second Year CSE participated in National Level Technical S Technology on 30.09.23.
- ELECTROBLITZ 2K'23 (Event-TECHNOVIZ(QUIZ)) at Annai Mira College 40. 23 students of Final Year CSE participated in National Level Technical Symp of Engineering and Technology on 04.10.23. Learning for NLP and Computer Visi ized by NIST Institute of Science and Technology(Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd. On 25thOct to 31st Oct 2023.

Extra-Curricular Activities:

41. Mr. Anudeep. A.S, IIYear CSE Student Secured First Prize in National Level Technical Symposium TECHSPARK 2K23 in the event Chess at Global Institute Of Engineering and Technology on 26.10.2023.

Achievements of Faculty Members:

42.Dr.K.Abrar Ahmed, Dr.R.Z.Inamul Hussain Associateprofessor, Mr.T.Balaji, Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.G.Sundari, Mrs.R.Vanmathi Asst Professor

Participated in 20 Hours National Faculty Development Program on Data Analytics with Excel - Basics to Advanced organized by Department of Management Studies - Dayananda Sagar College of Engineering in Collaboration with ExcelR Edtech Pvt. Ltd. On 20th Nov to 1st Dec 2023 Dr.K.Abrar Ahmed, and Dr.R.Z.Inamul Hussain Associate professors,Mr.T.Balaji, Mr.M.Abdul Naseer,

Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.G.Sundari,

Mrs.R. Vanmathi Asst Professors Participated in 10 Hours National Faculty Development Program on Learning for NLP and Computer Vision organized by

NIST Institute of Science and Technology(Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd.

On 25thOct to 31st Oct 2023.

44. Dr.K.Abrar Ahmed Associate professor, Mr.T.Balaji, Mr. K.Suhail Ahmed, Mr.B.Palanisamy, Mrs.P.Revathi,

Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.V. professors Participated in 5 Days Online International Faculty DevelopmentProgram on NLP and ChatGPT APPLICATIONS organized by

SECABInstitute of Engineering & Date: 14th Aug to



45. Dr.K.Abrar Ahmed Associate professor, Mr.T.Balaji, Mr. K.Suhail Ahmed, Mrs.P.Revathi,

Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.G.Sundari, Mrs.V.Indulakshmi
Participated a five days International Faculty Development Programme titled "Unleashing
Emerging Research Trends and Advancements in Computer Science" during 01st-05th
of August, 2023, Organized by the Department of ComputerEngineering & Advance Computing in
association with ACM,Poornima College of Engineering, Jaipur, Rajasthan.

46. Dr.K.Abrar Ahmed Associate professor, Mr.T.Balaji, Mr.B.Palanisamy, Mrs.S.Saranya, Ms.A.Kalaiselvi, Asst professors Participated in Faculty Development Program on Recent Trends in Smart Technologies on 31/07/23 to 04/08/23 by Amity School of Engineering and Technology





47. Dr.K.Abrar Ahmed Associate professor, Mr.T.Balaji, Mr. K.Suhail Ahmed, Asst Professors Participated in 30 Hours International Faculty Development Program on Deep Learning for NLP and Computer Vision organized by Chaitanya Bharathi Institute of Technology (CBIT) in Collaboration with ExcelR. Date: 10th July to 28th July 2023.

48. Mr.T.Balaji, Mr. K.Suhail Ahmed, Mr.M.Abdul Naseer, Mr.B.Palanisamy, Mrs.P.Revathi Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.G.Sundari, Asst professor, Participated in Two weeks National level virtual Workshop Programme titled "Advanced Research Methodology" in Computer Science" during 3rd -18 th of july, 2023, Organized by the Department of Commerce and information system and management, SRM Institute of science and tech, Chennai.

49. Mr.T.Balaji, Mr. K.Suhail Ahmed, Asst professors Participated in the One-day International Virtual Workshop on "Importance of Assistive Technologies in Higher Education for Differently Abled Learners", organized by School of Information Technology and Engineering of Vellore Institute of Technology, Vellore, India on 18.07.2023.

50. Mr.T.Balaji, Mr. K.Suhail Ahmed ,Mr.B.Palanisamy, Mrs.P.Revathi, Mrs.S.Saranya, Ms.A.Kalaiselvi ,Mrs V.Indulakshmi,Mrs R.Samundi Asst professor, Participated in 5 Day's Online International Faculty Development Program on Data Analyst organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR. Date: 19th June 2023 to 23rd June 2023

51. Mr.T.Balaji, Mr. K.Suhail Ahmed, Mr.M.Abdul Naseer, Mr.B.Palanisamy, Mrs.P.Revathi, Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.G.Sundari, Mrs V.Indulakshmi, Mrs.R.Vanmathi Asst Professors, Organized One Day Technical Symposium as a Event Co-Ordinators on "ELOQUENCE-23" on 7/10/23 organized by Department of Computer Science and Engineering, C.Abdul Hakeem College of Engineering & Technology, Melvisharam.

52. Mr. K.Suhail Ahmed, Mr.B.Palanisamy Asst Professors, Attended a webinar on "Financial Empowerment and career Opportunity in finance Market" in organized by collaboration with AMFI Pvt. Ltd. Date: 10th JULY 2023.

53. Mrs.P.Revathi, Mrs.S.Saranya, Ms.A.Kalaiselvi, Asst Professors Participated in "10 hours National FDP on Machine Learning and Artificial Intelligence" Organized by Andhra Pradesh State Skill Development Corporation with ExcelR. Date: 25.10.23 to 31.10.23.

54. Mrs.P.Revathi, Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs.G.Sundari, Mrs V.Indulakshmi, Mrs.R.Vanmathi Participated in 10 hours National FDP on "Machine Learning and Artificial Intelligence" Organized by Andhra Pradesh State Skill Development Corporation(APSSDC) with ExcelR Edtech Pvt Ltd. Date: 13.11.23 to 17.11.23.

55. Mrs.P.Revathi, Mrs.S.Saranya, Ms.A.Kalaiselvi, Mrs V.Indulakshmi, Asst Professors Participated in "Five Days FDP on Emerging Technologies" held from 07.08.23 to 11.08.23 Organized by Department of CSE, M.G.R Edu and Research Institute, Chennai.

56. Ms.T.M.Roshan Banu Asst Professor, Participated in five days Faculty Development Programme in "Cyber Security and its Applications", conducted by Infosys and Anna University in Anna University, Chennai between 07.08.2023 to 11.08.2023.

57. Ms.T.M.Roshan Banu Asst Professor, Participated in two days Faculty Development Programme in "Applications of Generative AI", conducted by GUVI, Naan Mudhalvan and Anna University on 17.11.2023 and 18.11.2023, in IITM Research Park, Chennai.

58. Ms.T.M.Roshan Banu Asst Professor, Participated in Smart India Hackathon 2023 organized by Ministry of Education, Government of India, AICTE, ISRO, Gujarat Technological University, Amazon AWS on 19.12.2023 and 20.12.2023, in Gujarat Technological University, Ahmedabad, Gujarat.



