

CURRICULUM VITAE – Muhammad Shehram Shah SYED

EDUCATION

Nov. 2017 – Apr. 2022

PhD

RMIT University, Melbourne, Australia.

Thesis Title: Computational Inference of Trustworthiness in Social Figures Through Analysis of Speech Acoustic, Textual and Visual Signals.

Research Area: Speech Research, Machine Learning, Social Signal Processing, Affective Computing, Assistive Technologies for Health & Wellbeing.

Sep. 2012 - Sep. 2013

MSc. Advanced Computer Science

with Distinction

University of Strathclyde, Glasgow, Scotland. United Kingdom.

Thesis Title: *View Maintenance of RDF Structures.*

Research Area: Software Engineering, Semantic Web, Information Systems Engineering.

Dec. 2004 - Feb. 2009

BEng. Software Engineering

First Division (80%)

Mehran University of Engineering and Technology (MUET), Jamshoro, Sindh, Pakistan.

Project Title: *Decision Support System for Sales.*

Technical Area: Software Engineering, Information System Engineering.

WORK & EXPERIENCE

Dec. 2024 (Ongoing)

Associate Professor

Nov. 2016 – Dec. 2024

Assistant Professor

Jul. 2011 – Nov. 2016

Lecturer

Department of Software Engineering,

Mehran University of Engineering and Technology (MUET), Jamshoro, Sindh, Pakistan.

Responsibilities:

- Academic/industrial research and development.
- Designing, developing, and delivering lectures, workshops, and tutorials.
- Supervising postgraduate and undergraduate student projects.
- Evaluating and marking student exams and assignments.
- Contributing to the Department's software consultancy services for industries and partners.
- Developing, deploying, debugging, and maintaining software packages.
- System administration, operation, and maintenance of computers in departmental laboratories.
- Convenor of the departmental Curriculum Review Committee (CRC).

- In Charge of the *Grid Research & Storage Management Laboratory* and *Parallel Processing & Cluster Computing Laboratory* at the Department.
- Currently establishing Advanced Software Systems laboratory.
- Class Advisor (mentor) to final year students.

Subjects Taught: Software Project Management, Object Oriented Programming, Software Requirements Engineering, Data Structures & Algorithms, Software Architecture & Design, Mobile Computing, Human Computer Interaction, Software Quality Assurance & Testing Strategies, Database Management & Administration, Data Warehousing, Formal Methods in Software Engineering, Modern Computing Paradigms, and Computer Networks & Security.

Jun. 2010 – Jul. 2011

Assistant Manager (Technical)

Operation & Maintenance Center – Radio (OMC-R).

Pakistan Telecommunication Limited (PTCL), Hyderabad, Sindh, Pakistan.

Responsibilities:

- System administration, operation, maintenance, and troubleshooting of IT infrastructure (servers, workstations and routers) at OMCR Hyderabad.
- Managing day-to-day technical operations of the network operations center (OMC-R).
- Configuration, debugging and implementing software patches.
- Monitoring and analysing the network performance, traffic statistics.
- Providing SAP ERP training and support to staff for day-to-day operations of the network operations center.
- Develop and maintain documentation related to software configuration, SOPs, and troubleshooting protocols.
- Develop and implement backup, disaster recovery, and business continuity planning protocols.

Jun. 2009 – Jun. 2010

Management Trainee Engineer

OMC-R (Operation Maintenance Center - Radio)

Pakistan Telecommunication Limited (PTCL), Hyderabad, Sindh, Pakistan.

Responsibilities:

- Assisting with the day-to-day technical operations of the Network Operations Center.
- Assisting with software configuration, and operation and maintenance of servers, workstations, and storage systems.
- Assisting with writing code for automation of activities such as software deployment, configuration management, and system monitoring.
- Using SAP ERP for organizational operations.
- Maintaining documentation related to software configuration, SOPs, and troubleshooting.
- Performing backups.

OTHER POSITIONS

Feb. 2018 – Feb. 2022

Tutor/Lecturer (Sessional)

RMIT University,
Melbourne, Australia.

Responsibilities:

- Conducting tutorial/lab sessions.
- Marking and evaluating assignments and exams.
- Ensuring student queries responded to timely.
- Student reports marked and scores published timely.
- Assisting students in the lab to complete tasks.
- Providing timely feedback to students.

Mar. 2019 – Mar. 2020

Lecturer (Sessional)

Australian Technical & Management College (ATMC),
Melbourne, Australia.

Responsibilities:

- Conducting tutorial/lab sessions.
- Marking and evaluating assignments and exams.
- Ensuring student queries responded to timely.
- Student reports marked and scores published timely.
- Assisting students in the lab to complete tasks.
- Providing timely feedback to students

AI COMPETITIONS & CHALLENGES

IEEE Big Data 2024 Cup

Detection of suicide risk on social media

Third Position in the Detection of suicide risk on social media

ABC2023

Activity and Behaviour Computing Challenge at the 5th International Conference on Activity and Behaviour Computing, 2023

Top Five: Forecasting Parkinson's Disease Patients' Wearing-Off Phenomenon

The ACII Affective Vocal Bursts (A-VB) Workshop & Competition

IEEE Affective Computing and Intelligent Interaction Conference, 2022.

Second Position: Vocal Bursts classification sub-task.

INTERSPEECH 2021

Alzheimer's Dementia Recognition Through Spontaneous Speech (ADReSS) Challenge.

First Position: Cognitive Decline classification task.

Second Position: Alzheimer's Dementia classification task.

Third Position: Mini-Mental State Examination (MMSE) score regression task.

INTERSPEECH 2020

Alzheimer's Dementia Recognition Through Spontaneous Speech (ADReSS) Challenge.

Second Position: Alzheimer's Dementia classification task.

Second Position: Mini-Mental State Examination (MMSE) score

regression task.

RESEARCH & TRAVEL GRANTS

2025	Funding Body: British Council (TNE Exploratory Funding Grant) Role: Principal Investigator Value: GBP 25,000 Project Name: Drones for Climate Action and Resilience Exchange (D-CARE)
2025	Funding Body: British Council (TNE Exploratory Funding Grant) Role: Co Investigator Value: GBP 25,000 Project Name: Strathclyde-ELEVATE Pakistan (Strathclyde Empowering Learning through Vertically Integrated Teams and Education in Pakistan) Initiative
2024	Funding Body: EPICS in IEEE Role: Co Investigator Project Name: CAPTURE - Citywide Assessment and Pollution Tracking for Urban Resilience and Environment A grant of Rs. 1.44 million to develop state of the art environmental monitoring nodes for air pollution measurement and mapping as well as portable water quality measurement devices.
2021	ISCA Travel Grant worth €900 for paper presentation at INTERSPEECH 2021 conference at Czechia.
2021	RMIT School of Engineering grant of CHF 2400 (Swiss Francs) towards article processing charge (APC) of Electronics journal.
2016	HEC Travel Grant worth Rs. 143,140 for paper presentation at RTCSE'17 conference Malaysia.

COMMITTEE APPOINTMENTS

Feb. 2024 (Ongoing)	Convenor, <i>Curriculum Review Committee (CRC)</i> of the Department of Software Engineering MUET.
Feb. 2024 (Ongoing)	Focal Person from MUET for the Sindhi Language Authority, to collaborate on advancement of Sindhi language using AI and associated advanced computing technologies.
Sep. 2023 (Ongoing)	Member <i>Industrial Advisory Board (IAB)</i> of the Department of Software Engineering MUET.
Sep. 2023 – Mar. 2024	University nominee for the <i>National Curriculum Committee (NCC)</i> for review of computing courses for higher secondary school curriculum.
Aug. 2022 – Jan. 2023	Member of a University committee to assist in preparation of a strategic plan for the University (MUET Vision 2030).
Various Dates (Ongoing)	Class advisor (mentor) to various student batches.

ACADEMIC GOVERNANCE ROLES

Jan. 2021 – Dec. 2021	Elected to the <i>RMIT Academic Board</i> as a <i>Higher Degree by Research (HDR)</i> student.
Jan. 2021 – Dec. 2021	Elected to the <i>RMIT Academic Board – Research Sub-Committee</i> as a <i>Higher Degrees by Research (HDR)</i> student from STEM College.
Feb. 2020 – Feb. 2021	Elected to the <i>Graduate Research Committee (GRC)</i> of RMIT University as a <i>Higher Degrees by Research (HDR)</i> student.
Dec. 2019 – Dec. 2021	Elected to the RMIT University School of Engineering <i>Higher Degrees by Research (HDR) Student Representatives Committee</i> .

AWARDS & ACHEIVEMENTS

Nov. 2017 – Nov. 2021	Fully funded PhD Scholarship jointly administered by <i>RMIT University Australia</i> and <i>Higher Education Commission (HEC) Pakistan</i> for human resource development of academic staff at Pakistani public sector universities.
Sept. 2012 – Sept. 2013	Fully funded Commonwealth Shared Scholarship by <i>UK Department for International Development (DFID)</i> to pursue one-year MSc degree in Advanced Computer Science (course pathway: Advanced Software Engineering) at the University of Strathclyde, Glasgow, United Kingdom.
Dec. 2004 – Dec. 2008	Merit Scholarship by Mehran University of Engineering & Technology, during the four-year undergraduate degree based on academic performance.

TECHNICAL SKILLS

Programming	Python, C++, C#, Java, JSP, PHP, JavaScript.
Frontend Technologies	Angular, TypeScript, HTML 5, CSS.
Database Technologies	Oracle, PostgreSQL, MySQL, SQL Server, MongoDB.
Cloud Services	Amazon Web Services (AWS) Suite.
Software Engineering Tools	Flutter, Rational Rose, IBM Testing Suite.
AI, Simulation and Modelling	MATLAB, TensorFlow.

PROFESSIONAL ACTIVITIES & MEMBERSHIPS

Various dates	Member Organising Committee, and Technical Program Committee of various national and international conferences and workshops.
Jul. 2009 (Ongoing)	Registered Engineer, Pakistan Engineering Council.
Mar. 2011(Ongoing)	Member, IEEE (USA).
Jun. 2012 (Ongoing)	Member, Institution of Engineers Pakistan.

Feb. 2014 – Nov. 2017

Member, IEEE Computer Society (USA).

MAJOR STRENGTHS

Teamwork, problem solving, communication skills, critical thinking, Human Resource Management, Attention to detail, time management. planning and organisation.

LANGUAGES

Superior English (**PTE Score 90**), Sindhi, Hindi and Urdu.

EXTRACURRICULAR ACTIVITIES

Cycling, Hiking and Travelling.

CONTACT INFORMATION

Email Address shehramshah@yahoo.com, shehram.shah@faculty.muet.edu.pk

Telephone Number +92-346-821-4149

REFERENCES

Professional Dr. Qasim Ali Arain
Chairman
Department of Software Engineering, MUET Jamshoro, Pakistan
chairman.sw@admin.muet.edu.pk

PhD Supervisor Professor Margaret Lech
School of Engineering,
RMIT University, Melbourne, Australia
margaret.lech@rmit.edu.au

PUBLICATIONS (BOOK CHAPTER)

1. Justyna Skibinska, Abbas Shah, Asma Channa, **Muhammad Shehram Shah Syed**, Zafi Sherhan Syed, Jiri Hosek, *"Foreseeing Wearing-Off State in Parkinson's Disease Patients, a Multimodal Approach with the Usage of Machine Learning and Wearables."* In *Activity, Behavior, and Healthcare Computing*, pp. 286-299. CRC Press, 2025.
2. **Muhammad Shehram Shah Syed**, Muhammad, Zafi Sherhan Syed, Margaret Lech, Elena Pirogova. "Automated Recognition of Alzheimer's Dementia: A Review of Recent Developments in the Context of Interspeech ADReSS Challenges." *Biomedical Signal Processing: Current Applications and Future Challenges* 2024: 43-61.
3. Zafi Sherhan Syed, Faisal Karim Shaikh, **Muhammad Shehram Shah Syed**, Abbas Syed. "Visual Analytics for Automated Behavior Understanding in Learning Environments: A Review of Opportunities, Emerging Methods, and Challenges." *Intelligent Image and Video Analytics* 223, no. 227 2023: 221.

PUBLICATIONS (JOURNAL)

1. Ansari Abdul Ghani, Fareed Ahmed Jokhio, **Muhammad Shehram Shah Syed**, Hina Dharejo, Fayaz Ahmed Memon. "Machine Learning-Driven Approach for DDOS Attacks Detection using Neural-Based Networks: A Proficiency Study." *Mehran University Research Journal of Engineering and Technology* 44, no. 3 (2025): 206-218.
2. Memon, Ghulam Fatima, Muhammad Shehram Shah Syed, Erum Saba, and Shakeel Ahmed Laghari. "Enhancing Interpretability in Anxiety Detection on Reddit: A Machine Learning Approach with LIME and Topic Modeling." *VFAST Transactions on Software Engineering* 13, no. 2 (2025): 245-254.
3. Sateesh Kumar, Fahim Aziz Umrani, Kehkashan Asma Memon, **Muhammad Shehram Shah Syed**. "Energy based Cluster Head Selection in WSN." *International Journal of Innovations in Science & Technology* 6 (3):996-1008.
<https://journal.50sea.com/index.php/IJIST/article/view/939/1476>.
4. Reem Javed, Muhammad Ahsan Ansari, **Muhammad Shehram Shah Syed**, Jawed Ahmed Unar, Khair Muhammad Unar, Sammer Zai. "Deep Learning Based Identification and Categorization of Various Phases of Diabetic Retinopathy." *International Journal of Innovations in Science & Technology* 6 (2):772-84.
<https://journal.50sea.com/index.php/IJIST/article/view/823/1421>.
5. Muhammad Faique Memon, **Muhammad Shehram Shah Syed**, Sajida Memon, Noor ul Ain Mushtaq, Junaid Baloch. "Overview of Immersive Data Visualization: Enhancing Insights and Engagement Through Virtual Reality." *International Journal of Innovations in Science & Technology* 6 (2):593-607.
<https://journal.50sea.com/index.php/IJIST/article/view/754/1391>.
6. Shaikh Mohsin, Irfan Ali Tunio, **Muhammad Shehram Shah Syed**, Fareesa Khan Sohu, Abdul Aziz, Ahmad Ali. "Distributed Incremental Approximate Frequent Itemset Mining Using MapReduce." *International journal of computer science and network security: IJCSNS* 23, no. 5 2023: 207-211. <https://doi.org/10.22937/ijcsns.2023.23.5.22>
7. Patoli Aijaz, **Muhammad Shehram Shah Syed**, Abbas Syed, Zafi Sherhan Syed. "Artificial Intelligence in Aid Efficient Mental Healthcare in context of State-of-the-art Sir Cowasjee Mental Health Institute at Hyderabad Sindh Pakistan." *LIAQUAT MEDICAL RESEARCH JOURNAL* 4, no. 1 (2022): 49-54. <https://doi.org/10.38106/LMRJ.2022.4.1-09>
8. **Muhammad Shehram Shah Syed**, Sajjad Ali Memon, Erum Saba, Abdul Latif, Aqeel Ahmed. "Deep Learning based Automated Modulation Recognition for Cognitive Radio Networks". *International Journal of Computer Science and Network Security*, VOL.22 No.5, May 2022. ISSN 1738-7906. http://paper.ijcsns.org/07_book/202209/20220926.pdf
9. Muhammad Saleem, **Muhammad Shehram Shah Syed**, Erum Saba, Nasrullah Pirzada, Masood Ahmed. "Towards low complexity model for audio event detection". *International*

10. Shahzaib Khalid, **Muhammad Shehram Shah Syed**, Erum Saba, Nasrullah Pirzada. "COVID-19 Diagnosis from CXR images through pre-trained Deep Visual Embeddings". *International Journal of Computer Science and Network Security*, VOL.22 No.5, May 2022. ISSN 1738-7906. http://paper.ijcsns.org/07_book/202205/20220526.pdf
11. Zafi Sherhan Syed, **Muhammad Shehram Shah Syed**, Margaret Lech, Elena Pirogova. "Automated recognition of alzheimer's dementia using bag-of-deep-features and model ensembling." *IEEEAccess* 9,2021:88377-88390. <https://doi.org/10.1109/ACCESS.2021.3090321>
12. Zafi Sherhan Syed, Muhammad Zaigham Abbas Shah Syed, **Muhammad Shehram Shah Syed**, Aunsa Shah. "Sequential Modeling for the Recognition of Activities in Logistics". *Sukkur IBA Journal of Emerging Technologies*, v. 4, n. 1, p. 12-21, June 2021. ISSN 2617-3115. <https://doi.org/10.30537/sjet.v4i1.848>
13. **Muhammad Shehram Shah Syed**, Elena Pirogova, Margaret Lech. "Prediction of Public Trust in Politicians Using a Multimodal Fusion Approach." *Electronics* 10, no. 11 2021: 1259. <https://doi.org/10.3390/electronics10111259>
14. **Muhammad Shehram Shah Syed**, Zafi Sherhan Syed, Elena Pirogova, Margaret Lech, "Static vs. Dynamic Modelling of Acoustic Speech Features for Detection of Dementia" *International Journal of Advanced Computer Science and Applications (IJACSA)*, 11(10), 2020. <http://dx.doi.org/10.14569/IJACSA.2020.0111082>
15. Muhammad Aamir Panhwar, Salahuddin Saddar, Aftab Ahmed Mirani, Isma Farah Siddiqui, Deng Zhong Liang, **Muhammad Shehram Shah Syed**, Ghazala Panhwar, "Multilayered Authentication Framework: Enabling Secure Sensor Accessibility in Web of Things" *Journal of Advanced Research in Dynamical and Control Systems (JARDCS)*, 12(7), 2020. DOI: 10.5373/JARDCS/V12I7/20202067
16. Abbas Shah Syed, Zafi Sherhan Syed, **Muhammad Shehram Shah Syed**, Salahuddin Saddar. "Using wearable sensors for human activity recognition in logistics: A comparison of different feature sets and machine learning algorithms." *International Journal of Advanced Computer Science and Applications* 11, no. 9 (2020). DOI:10.14569/IJACSA.2020.0110976
17. Zuhaibuddin Bhutto, Ahmed Saleem, **Muhammad Shehram Shah Syed**, Azhar Iqbal, Faraz Mehmood, Imdadullah Thaheem, Ayaz Hussain. "Efficient Method for Three Loop MMSE-SIC based Iterative MIMO Systems." *International Journal of Advanced Computer Science and Applications* 11, no. 9 (2020). <http://dx.doi.org/10.14569/IJACSA.2020.0110916>
18. Zafi Sherhan Syed, **Muhammad Shehram Shah Syed**, Abbas Shah Syed, "Automated Recognition of Sincere Apologies from Acoustics of Speech" *International Journal of Advanced Computer Science and Applications (IJACSA)*, 11(6), 2020. <http://dx.doi.org/10.14569/IJACSA.2020.0110679>
19. Ahsan Raza Siyal, Zuhaibuddin Bhutto, **Muhammad Shehram Shah Syed**, Azhar Iqbal, Faraz

- Mehmood, Ayaz Hussain, Saleem Ahmed, "Still Image-based Human Activity Recognition with Deep Representations and Residual Learning" *International Journal of Advanced Computer Science and Applications* (IJACSA), 11(5), 2020. <http://dx.doi.org/10.14569/IJACSA.2020.0110561>
20. Zafi Sherhan Syed, Sajjad Ali Memon, **Muhammad Shehram Shah Syed**, Abbas Shah Syed, "Introducing the Urdu-Sindhi Speech Emotion Corpus: A Novel Dataset of Speech Recordings for Emotion Recognition for Two Low-Resource Languages" *International Journal of Advanced Computer Science and Applications* (IJACSA), 11(4), 2020. <http://dx.doi.org/10.14569/IJACSA.2020.01104104>
 21. Memoona Sami, Sania Bhatti, Junaid Baloch, **Muhammad Shehram Shah Syed**. "How to keep your systems records safe." *International Journal of Information Technology* (2018): 1-7. <https://link.springer.com/article/10.1007/s41870-018-0104-5>
 22. Vijdan Khalique, Shafaque Shaikh, Murlee Dass, **Muhammad Shehram Shah Syed**, Munazza Zaib. "Automatic Ambulance Dispatch System via One-Click Smartphone Application." *Indian Journal of Science and Technology* 10 (2017): 36. DOI: 10.17485/ijst/2017/v10i36/119178
 23. Panhwar Maria, **Muhammad Shehram Shah Syed**, Syed M. Zafi S. Shah, Syed MZ Shah, Bhawani Shankar Chowdhry. "Smart phone-based fall detection using auto regression modelling in a non-restrictive setting." *Indian journal of science and technology*, vol 10, no. 5 (2017): e111274-e111274. DOI: 10.17485/ijst/2017/v10i5/111274
 24. Ahmer Muhammad, MZ Abbas Shah, Syed M. Zafi S. Shah, **Muhammad Shehram Shah Syed**, Bhawani Shankar Chowdhry, Aunsa Shah, Khadim Hussain Bhatti. "Using Non-Linear Support Vector Machines for Detection of Activities of Daily Living." *Indian Journal of Science and Technology* 10 (2017): 36. DOI: 10.17485/ijst/2017/v10i36/119182
 25. **Muhammad Shehram Shah Syed**, John Wilson, Vijdan Khalique, Hira Noman. "An analysis of RDF view maintenance using Jena." *Indian journal of science and technology* 9, no. 48 (2016). DOI: 10.17485/ijst/2016/v9i48/108330
 26. Ratter, Muhammad Saeed, **Muhammad Shehram Shah Syed**, Bhawani Shankar Chowdhry, Syed Muhammad Zaigham Abbas Shah. "Detection of Ventricular Arrhythmia from ECG." *Pakistan Journal of Computer and Information Systems* 2016: 1. <http://repository.pastic.gov.pk/jspui/handle/123456789/824>
 27. Vijdan Khalique, Shahzad Niamani, **Muhammad Shehram Shah Syed**, Yasir Arfat Malkani, Framework For Automatically Composed Web Services Using Semantic Web. *Sindh University Research Journal-SURJ (Science Series)*, 48, no. 4 2016. <https://sujo.usindh.edu.pk/index.php/SURJ/article/view/3510>
 28. Hira Noman, Shahzad Nizamani, Noor Uz Zaman, **Syed Muhammad Shehram Shah**; 2016. An Ontological Specification Of A Computational Cloud. *Sindh University Research Journal-SURJ (Science Series)*, 48(1). <https://sujo.usindh.edu.pk/index.php/SURJ/article/view/5044>

PUBLICATIONS (CONFERENCE)

1. Skibińska, Justyna, Abbas Shah Syed, Asma Channa, Zafi Sherhan Shah, **Muhammad Shehram Shah Syed**, Junaid Baloch. "Recognising Depression Using Facial and Cephalic Feature

Extractors with Machine Learning-Answer to BeyondSmile Challenge." In *2025 International Conference on Activity and Behavior Computing (ABC)*, pp. 1-11. IEEE, 2025.

2. Hadi, Muhammad Usman, Rajkamal Rajathanakodi, Cara Rose, **Muhammad Shehram Shah Syed**, Abbas Shah Syed. "Enhancing Climate Resilience and Disaster Management with IoT-Driven MADNI." In *2025 International Conference on Emerging Technologies in Electronics, Computing, and Communication (ICETECC)*, pp. 1-6. IEEE, 2025.
3. Faiza Iqbal, Zafi Sherhan Syed, **Muhammad Shehram Shah Syed**, Abbas Shah Syed. "An Explainable AI Approach to Speech-Based Alzheimer's Dementia Screening." In *Proc. SMM 2024*, pp. 11-15. 2024. DOI: 10.21437/SMM.2024-3
4. Zafi Sherhan Syed, **Muhammad Shehram Shah Syed**, Margaret Lech, Elena Pirogova. "Tackling the ADRESSO Challenge 2021: The MUET-RMIT System for Alzheimer's Dementia Recognition from Spontaneous Speech." *Proc. INTERSPEECH 2021* 2021: 3815-3819. <http://dx.doi.org/10.21437/Interspeech.2021-1572>
5. **Muhammad Shehram Shah Syed**, Elena Pirogova, Margaret Lech, "Multimodal Prediction Of Public Trust In Politicians From Speech And Text," In *2020 14th International Conference on Signal Processing and Communication Systems (ICSPCS)*, pp. 1-6. IEEE, 2020.
6. **Muhammad Shehram Shah Syed**, Zafi Sherhan Syed, Margaret Lech, Elena Pirogova, "Automated Screening for Alzheimer's Dementia through Spontaneous Speech," *INTERSPEECH* (2020): 1-5. <http://dx.doi.org/10.21437/Interspeech.2020-3158>
7. **Muhammad Shehram Shah Syed**, Melissa Stolar, Elena Pirogova, Margaret Lech, "Speech Acoustic Features Characterising Individuals with High and Low Public Trust," 2019 13th International Conference on Signal Processing and Communication Systems (ICSPCS), Gold Coast, Australia, 2019, pp. 1-9, doi: 10.1109/ICSPCS47537.2019.9008747
8. Memon, Azam Rafique, Bhawani Shankar Chowdhry, **Muhammad Shehram Shah Syed**, Tarique Rafique Memon, Syed MZ Abbas Shah. "An electronic information desk system for information dissemination in educational institutions." In *2015 2nd International Conference on Computing for Sustainable Global Development (INDIACom)*, pp. 1275-1280. IEEE, 2015. <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp&arnumber=7100455&isnumber=7100186>

PRE-PRINTS

1. Aslam Ahrar Bin, Zafi Sherhan Syed, Muhammad Faiz Khan, Asghar Baloch, **Muhammad Shehram Shah Syed**. "Leveraging Natural Language Processing For Public Health Screening On YouTube: A COVID-19 Case Study." *arXiv preprint arXiv:2306.01164* (2023).
2. **Muhammad Shehram Shah Syed**, Zafi Sherhan Syed, and Abbas Syed. "Classification of Vocal Bursts for ACII 2022 A-VB-Type Competition using Convolutional Network Networks and Deep Acoustic Embeddings." *arXiv e-prints* (2022): arXiv-2209.