SYED MOHSIN SAIF

♥ 370-Darul Sadat Andrabi, Midroo, Awantipora Pulwama JK INDIA

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Dr Syed Mohsin Andrabi

PROFICIENT ACADEMICIAN - COMPUTER SCIENCE & INFORMATION TECHNOLOGY

A promising career which would allow me to impart quality education and practical skills in my specific field of study and research

BRIEF PROFILE

A learned academician with quality skills and experience of 6 years, developing results-driven curriculum and delivering enthusiastic instruction to students. Providing authoritative leadership to both academic as well as administrative personnel in the wider issues of running an academically successful institution of higher learning to cater to a large student community demanding strict quality standards for the service they have come to avail. Currently working as a Lecturer in Computer Science and Information Technology, School of Technology, IUST, JK INDIA.

- Diligent and resourceful professional with hands on expertise in devising measures for enhancing Operational Efficiency through effective Teaching.
- Deft in nurturing a learning environment to meet and enhance the student needs of Intellectual, Social and Creative Strengths; abreast with the current advances in the field of research and development while choosing appropriate reference books, preparing lectures, supervising teaching assistants and grading, etc.
- → Competence in providing quality subject knowledge to all students using all the tools and skills and knowledge and manage coverage of assigned subjects as per academic curriculum to students.
- Ability to individualize instructions based on students specialized and changing needs, proven ability to develop a rapport with students. Keep abreast of the latest developments in trends as well as administrative techniques in my field and move in consonance with changing times.
- → Carried several research works, publications & presentations, journals report to which have been published in a national/international forum.
- → Acted as external member, examiner to various state and central Universities,
- → Delivered lectures at different platforms on diverse discourses.

CAREER ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY Feb. 2021 —till date GLIMPSE Lecturer, School of Technology

- → Delivering lectures pertaining to various subjects assigned in each semester of MCA and MSC IT.
- Imparting quality teaching strategies to enable students to engage in productive and effective learning process.
- → Developing curriculum, lecture schedule & course material to bridge the gap between traditional learning and online learning.
- → Working as departmental member in committees for accreditation process, NAAC, AICTE.
- → As Lab Coordinator, designed and implemented lab Policy for outcome oriented lab practices.
- → Member- Internal Project Evaluation Committee for evaluating final year PG Projects.
- → Working as Student advisor for students to facilitate better academic environment.

ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY ■ April 2018 –December 2020, ■ March 2013 – August 2014

Assistant Professor, Department of Computer Science

- → Delivering lectures pertaining to various subjects assigned in each semester of MCA and MSC IT.
- → Served as member Departmental Committee for Internal Quality Assurance (DIQA), NAAC, AICTE and NBA Accreditation.
- → Served as member secretary of committee to devise PhD regulations research policy.
- → Served as member for the preparation of lab manual of Web Technologies, Image Processing, Dot Net, Research Methodology, Bio-informatics, C/C++.
- Imparting quality teaching strategies to enable students to engage in productive and effective learning process.
- → Served as member for designing Curriculum for Integrated PG Course in Computer Applications.
- → Served as member internal grievances redressal committee's member.
- → Served as Internal Project Evaluation Committee for evaluating final year Postgraduate Projects.
- → Developed Study material to bridge the gap between traditional learning and online learning.
- → Served as Student advisor for students to facilitate better academic environment.
- → Collaborate with fellow teachers to design lesson plans and performed administrative tasks viz. recording attendance, managed student portfolios and Student Advisory
- → Developing a research portfolio for Community development and within the department (includes personal research and supervising student projects).
- → Served as Supervisor and Co-Supervisor to students in their Graduation Projects
- → Member- Committee for the preparation of Book list related to Computer Science and Research for Central Library, IUST, and Awantipora.

ACADEMIA



PhD Computer Science (2018), School of Technology, MANUU, Hyderabad.

M Phil Comp. Sci., (2012), Hindustan Institute of Technology and Science, Chennai, India

Masters of Science in Information Technology (2011),

Madras University. 8.364(CGPA).

Bachelors of Science in Information Technology (2009),

University of Kashmir. 67%.

COMPETENCIES





Skills &Technologies







Curriculum Development



MAULANA AZAD NATIONAL URDU UNIVERSITY■ Feb-2015 to May-2017

Teaching Assistant, Department of Computer Science & Information Technology

- Teaching various courses like Software Engineering, Computer Networks, Network and Information Security like courses to B Tech Students.
- → Preparation of Curriculum for Fundamentals of IT for all PG levels courses run by University in different departments.
- Contributed for NAAC and AICTE accreditation process.
- → University website content management, server management.
- Coordinator bilingual university website development.
- → Advisor various academic and non-academic activity.

KWINTECH R LABS(v), Srinagar JK India.

Research Coordinator Vlab1 (Dec-2020 to Till Date),

- Coordinating various Research Activates
- Conducting workshops and webinars to encourage researchers to pursue productive research
- ✓ Counseling young and emerging researchers to convert their hazy ideas into a productive research outcome.

Courses Taught

Software Engineering, Operating System, Information Security, Computer Networks, IT fundamentals, Dot Net, Bioinformatics, Wireless Communication, Image Processing, Database systems, Research Methodology, Data Comm. & Comp Networks, C/C++, PLP, Computer Architecture, Cloud and Grid Computing, E-Commerce, MIS, Principles of Management

Research Interests: Software Engineering, Information Security, Bioinformatics, Image Processing, ICT in Health & Education

Workshops:

- 1. One Week National Level Faculty Development Programme (25-29 September 2018) on "Recent Trends in Information Technology" (RTIT), IUST, Awantipora, JK, India.
- 2. UGC sponsored 6 days workshop on Professional Development Programme on "Script Writing" (13 March-18 March, 2017, MANUU).
- 3. One week National Level workshop/Seminar on theme "Science for the masses India international Science Festival" (Dec 7-11, 2016), by Ministry of Science and Technology, Govt. of India, New Delhi.
- 4. NKN sponsored 2 Days Workshop on "NKN at the Core Cyber Space" (21-22 JAN, 2016)
- 5. One Day Workshop on "CYBER SPACE Defence Summit" (CDDC-2016) sponsored by CSI-Hyderabad()
- 6. Three days Workshop on "Digital Image Processing using Soft Computing," (9-11 Feb, 2012), Hindustan University, Chennai.
- 7. One day workshop on "Bridging Gender & Social Gaps in Higher Education" (24 Aug., 2015, MANUU)

Publications:

- 1. **Syed Mohsin Saif**, Abdul Wahid," *Effort Estimation Techniques for Web Application Development: A Review*", International Journal of Advanced Research in Computer Science, 8(9), Nov–Dec, 2017,125-131.(ISSN: 0976-5697)
- 2. **Syed Mohsin Saif**, Abdul Wahid," *Web Complexity Factors: A Novel Approach for Predicting Size Measures for Web Application Development*", Proceedings of the International Conference on Inventive Computing and Informatics(ICICI 2017), IEEE, 23-24, Nov. 2017, Coimbatore, India.
- 3. **Syed Mohsin Saif**, Abdul Wahid," *Web Effort Estimation Using FP and WO: A Critical Study*", Proceedings of the 2nd International Conference on Computing Methodologies and Communication (ICCMC 2018), IEEE, 15-16 Feb. 2018, Erode Chennai, India.
- 4. **Syed Mohsin Saif,** Mudasir M Kirmani," *Performance analysis of Indian Central university websites established before 2004: A critical study and proposed guidelines for efficient design*", International Research Journal of Engineering and Technology, Volume: 03 Issue: 08, Aug 2016, pp. 1100-107 (ISSN:2395-0056)
- 5. **Syed Mohsin Saif**, Ziema Mushtaq, Abdul Wahid, "*Mobile Application Learning: the next generation e-Learning*, Indian International Science Festival(IISF), Dec. 07-11, 2016, CSIR-NPL Delhi, India.
- 6. Mudasir M Kirmani, **Syed Mohsin**, " *ICT: Its Role in Technology Transformation and Management of Endangered Resources*", International Journal of Innovations & Advancement in Computer Science (IJIACS), Volume 5, Issue 6 June 2016, pp. 124-127
- 7. Ziema Mushtaq, **Syed Mohsin Saif**, MM Kirmani, "Mobile Application Development: Issues and Challenges", International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 08 | Aug-2016 pp-1096-
- 8. **Syed Mohsin Saif,** Mudasir Manzoor Kirmani, Abdul Wahid," *Web Engineering: An Engineering Approach for Developing Web Applications*", International Journal of Software and Web Sciences, 12(1), March-May, 2015, pp. 83-91(ISSN: 2279-0071)
- 9. Mudasir M Kirmani, **Syed Mohsin Saif**, Asifa Wali, "Role of ICT in Fish Disease Diagnosis and Management to curb the spreading of various dreadful diseases in different species of fishes", International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), 17(1), June-August, 2016, pp. 70- 74.
- 10. Mudasir M Kirmani, **Syed Mohsin Saif,** Ahmad Talha Siddqui, " *Big Data: A Study of Its Issues and Challenges*", International Journal of Modern Computer Science & Engineering, 2016, 5(1): pp- 29-36
- 11. Syed Mohsin Saif, Ziema Mushtaq, "Effectiveness of Gaussian And Average Noise Reduction Filters On Ideal Fingerprint Image In Biometric Fingerprint Identification System", International Journal of Recent Scientific Research, ISSN No: ISSN: 0976-3031, Vol. 6, Issue, 8, pp.5731-536, Aug, 2015
- 12. Mudasir M Kirmani, Firdosi wani, S**yed Mohsin Saif**, "Impact of ICT on Effective Financial Management" International Journal of Information Science and System, 2015, 4(1): 1-14
- 13. Firdous A Wani, Mudasir M Kirmani, **Syed Mohsin Saif**, "Impact of Crude oil on Indian Economy", International Journal of Modern Management Sciences, 2015, 4(1): 11-26
- 14. Ziema Mushtaq, **Syed Mohsin Saif,** MM Kirmani, "Remote Monitoring in Telecom: A brief Review", International Journal of Science and Advanced Technology (ISSN 2221-8386), 5(7) July 2015,pp 6-10
- 15. **Syed Mohsin Saif**, Mudasir Kirmani, "Biometric Fingerprint identification system for curtailing the masqueraded accesses: A framework approach", International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), ISSN (Print): 2279-0047 ISSN (Online): 2279-0055 pp. 19-23 ISSN (Print): 2279-0063
- 16. Syed Mohsin Saif, Mudasir M Kirmani," Re-UCP Software Effort Estimation Method: A Critical Study", International Journal of Computer

- Applications (0975 8887) Volume 127 No.11, October 2015, pp. 8-12 (ISSN:0975-8889)
- 17. Syed Mohsin Saif, Mudasir M. Kirmani, Abdul Wahid," Performance Analysis of Different Software Reliability Prediction Methods, International Conference on Computer and Communications Technologies (ICCCT), IEEE, 11-13 Dec. 2014, Hyderabad, India.
- 18. Syed Mohsin Saif, M Maheswarn, Sani Asnain, "Automatic Personal Identification and Verification Using Fingerprints Associated with Multimode Biometrics Approach", International Journal of Advanced Research in Computer Science, 2 (1), Jan-Feb, 2011, 127-133.
- 19. **Syed Mohsin Saif**, Sani Asanin, "A Network engineering Solution for Data sharing across healthcare providers and protects patients health data privacy using EHR System", journal of global research in computer science, Sep,2011
- 20. Sani Asnain, **Syed Mohsin Saif**, "A unified approach to integrate various public modules to produce better and reliable e-Governance working Framework", International Journal of Computer Application ISSN No: 2250-1797 Issue 1, Volume 2 (December 2011)

Conferences & Seminars:

- 1. Presented paper in National Conference on Emerging Trends and Issues in Information Technology & Communication (ETIITC-IS-2018) on *SWMSoftEE: A Multipurpose Soft Effort Estimation Approach*, 19-18 March, 2018, MANUU, Hyderabad, India.
- 2. Presented paper in 2nd International conference on Computing Methodologies and Communication (ICCMC-2018) on Web Effort Estimation using FP and WO: A Critical Study, 15-16 Feb., 2018, Erode, Tamil Nadu, India
- **3.** Presented paper in International conference on Inventive Computing and Informatics on *Web Complexity Factors: A Novel Approach for predicting Size Measures for Web Application Development*, 23-24 Nov., 2017, Coimbatore, Tamil Nadu, India.
- **4.** Presented paper in India International Science Festival-2016 on *Mobile Application Learning: The next generation e-learning*, 7-11 Dec, 2016, New Delhi, India.
- **5.** Presented paper in international Conference on Computing and Communication Technologies(ICCCT 2014), on *Performance Analysis of Different Software Reliability Prediction Methods*, 11-13 Dec, 2014, Hyderabad, India.
- 6. Participated in 2nd international conference on Advancements in Computing Sciences, Information Techniques & Emerging E-learning Technologies (2014), 23-24 Feb, 2014 at JNU, Delhi.

Books:

- 1. INFORMATION TECHNOLOGY (PRACTICE), Vikas Publications, New Delhi VIKAS® PUBLISHING HOUSE PVT. LTD.(ISBN :9789353381899)
- 2. Lab Dot Net Programming, Vikas Publications, New Delhi VIKAS® PUBLISHING HOUSE PVT. LTD. (ISBN :9789353385163)
- 3. Design and Analysis of Algorithms, Vikas Publications, New Delhi VIKAS® PUBLISHING HOUSE PVT. LTD.(ISBN: 9789353381509)
- 4. Distributed Operating Systems Models, Vikas Publications, New Delhi VIKAS® PUBLISHING HOUSE PVT. LTD.(ISBN :9789353386290)

Book Chapters: Software Effort Estimation for Successful Software Application Development, Tools and Techniques for Software Development in Large Organizations: Emerging Research and Opportunities, IGI Global, (ISBN: 9781799818632).

Courses and

DNA Decoded by McMaster University through Coursera (Cert. Id- 468HJ7W9YQES, JAN, 2021.

Trainings:

- Finding Hidden Messages in DNA (Bioinformatics-I) by University of San Diego through Coursera (Cert. Id-TTGCGPF888AE, July 2019).
- One month certificate course in Java, Sql and J2EE from Spiro Solutions Pvt. Ltd (2011)
- 7 day's Faculty Development Programme by Academic Staff College, MANUU, Hyderabad, 2016.

Professional Society Memberships: National Level Memberships -> 2, International Level Memberships-> 13 Reviewer-> Journals(2),

PG Project Supervision: Supervised(MCA Project)->6(2014), Co-Supervised(MCA Project)->6(2019)

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Invited Lectures:

Delivered 5 online Lectures on various ICT modulates for online Education in national level workshop

conducted by SKUAST Kashmir, India

Personal Details: Name - Syed Mohsin Saif

Fathers Name - Syed Saif Ud Din
Date of Birth - 01.06.1987

Gender - Male
Marital Status - Single

Languages Known - English, Urdu, Kashmiri, Hindi

Religion - Islam

Declaration: I hereby declare that the information furnished above is true to best of my

knowledge.

Date: 10-6-2021 Dr. SYED MOHSIN SAIF