DR. ZOUBIA DASTGEER

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DHA, PHASE 8, LAHORE

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NIC NUMBER:
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NATIONALITY:
PAKISTANI

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RESEARCH INTERESTS:
DIFFERENTIAL EQUATIONS, CONTROL THEORY, FRACTIONAL CALCULUS, TIME SCALE CALCULUS

SCOPUS LINK:
DASTGEER, ZOUBIA - AUTHOR DETAILS - SCOPUS PREVIEW

MATHSCINET ID:
DASTGEER, ZOUBIA - MATHSCINET

DR. ZOUBIA DASTGEER

OBJECTIVES :

TO EXCEL IN A COMPETITIVE ENVIRONMENT, AND BECOME A TRUMP CARD OF A PROGRESSIVE AND DYNAMIC ORGANIZATION / INSTITUTION BY USING MY KNOWLEDGE AND SKILLS.

ACADEMICS :

PH.D. MATHEMATICS   [2020-2024]
CENTER FOR ADVANCED STUDIES IN PURE AND APPLIED MATHEMATICS, BAHAUDDIN ZAKARIYA UNIVERSITY MULTAN, PAKISTAN
3.73/4.00 CGPA

M.PHIL. MATHEMATICS   [2017-2019]
CENTER FOR ADVANCED STUDIES IN PURE AND APPLIED MATHEMATICS, BAHAUDDIN ZAKARIYA UNIVERSITY MULTAN, PAKISTAN
3.73 / 4.00 CGPA

BACHELOR OF EDUCATION (B.ED 1.5 YEARS)   [2017-2019]
ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD, PAKISTAN
1327 / 1800

BS. MATHEMATICS   [2013-2017]
CENTER FOR ADVANCED STUDIES IN PURE AND APPLIED MATHEMATICS, BAHAUDDIN ZAKARIYA UNIVERSITY MULTAN, PAKISTAN
3.73 / 4.00 CGPA

F.SC (PRE-ENGNEERING)   [2013]
BISE MULTAN
924 / 1100

MATRICULATION   [2011]
BISE MULTAN
893 / 1050

PH.D. THESIS TITLE :

- ON DISTINGUISHABILITY OF SOME DIFFERENTIAL ALGEBRAIC CONTROL SYSTEMS

M.PHIL THESIS TITLE :

- CHARACTERIZATION OF DISTINGUISHABILITY FOR FRACTIONAL LINEAR TIME INVARIANT CONTROL SYSTEMS

THESIS SUPERVISOR :

- DR. AWAIS YOUNUS

PUBLICATIONS :

- TIME SCALE DISTINGUISHABILITY OF LINEAR IMPULSIVE CONTROL SYSTEMS (PUBLISHED, 2025)

RESEARCHGATE:
ZOUBIA DASTGEER

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LINKEDIN:
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MEDIUM:
ZOUBIA DASTGEER – MEDIUM

JOURNAL NAME: DYNAMICS OF CONTINUOUS, DISCRETE AND IMPULSIVE SYSTEMS SERIES A: MATHEMATICAL ANALYSIS
DOI: https://online.watsci.org/abstract_pdf/2025v32/v32n4a-pdf/3.pdf

- **ANALYSIS OF DISTINGUISHABILITY OF LINEAR DESCRIPTOR CONTROL SYSTEMS USING DRAZIN INVERSE (PUBLISHED, 2023)**
  JOURNAL NAME: FILOMAT (X CATEGORY)
  DOI: HTTPS://DOI.ORG/10.2298/FIL2322455D

- **DISTINGUISHABILITY OF THE DESCRIPTOR SYSTEMS WITH REGULAR PENCIL (PUBLISHED, 2022).**
  JOURNAL NAME: LINEAR ALGEBRA AND ITS APPLICATIONS (W CATEGORY)
  DOI: HTTPS://DOI.ORG/10.1016/J.LAA.2022.07.004"TTPS://DOI.ORG/10.1016/J.LAA.2022.07.004

- **DISTINGUISHABILITY CRITERIA OF CONFORMABLE HYBRID LINEAR SYSTEMS (PUBLISHED, 2022).**
  JOURNAL NAME: NONLINEAR ENGINEERING (X CATEGORY)
  DOI: HTTPS://DOI.ORG/10.1515/NLENG-2022-0045

- **ON THEOBSERVABILITY OF CONFORMABLE LINEAR TIME-INVARIANT CONTROL SYSTEMS (PUBLISHED, 2021).**
  JOURNAL NAME: DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS-SERIES S (W CATEGORY)
  DOI: 10.3934/DCDSS.2020444

CONFERENCES/WORKSHOPS/EVENTS:

- **FACULTY DEVELOPMENT PROGRAM, IPFP BATCH-6 TRAINING, NAHE HEC ISLAMABAD, 01-19 DEC, 2025.**

- **1st NATIONAL CONFERENCE ON MATHEMATICS, BABA GURU NANAK UNIVERSITY, 15-16 MAY, 2025. (PRESENTER)**

- **3rd INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATHEMATICS (CORAM), UNIVERSITY OF EDUCATION LAHORE, 16-17 APRIL, 2025. (PRESENTER)**

- **2nd INTERNATIONAL CONFERENCE ON MATHEMATICS FOR A SUSTAINABLE FUTURE (ICMSF-2024), THE WOMEN UNIVERSITY MULTAN, 18-19 DEC, 2024. (PRESENTER)**

- **1st INTERNATIONAL CONFERENCE ON APPLIED SCIENCES & TECHNOLOGY, BABA GURU NANAK UNIVERSITY, 24-25 OCT, 2024.**

- **CIMPA RESEARCH SCHOOL, ALGEBRA AND ALGEBRAIC GEOMETRY FOR APPLICATIONS, LUMS, 26 FEB TO 08 MAR, 2024.**

- **SUMMER SCHOOL FOR SKILLS DEVELOPMENT IN SCIENTIFIC WRITING, NATIONAL YOUNG ACADEMY OF BANGLADESH, 13-15 SEP, 2022.**

- **A WORKSHOP ON RECENT TRENDS IN MATHEMATICAL ANALYSIS, ASSMS GCU LAHORE, 22-23 AUG, 2022.**

- **INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FRACTIONAL CALCULUS, 30 SEP, 1 OCT, 2021.**

- A 2-DAY ONLINE TRAINING COURSE ON INCLUSIVE SCIENCE TECHNOLOGY AND INNOVATION POLICY OF OIC MEMBER STATES (ORGANIZED BY COMSTECH ISLAMABAD), 20-21 SEP, 2021.

- CITATION MANAGEMENT BY USING MENDELEY SOFTWARE, UMT SIALKOT CAMPUS, 26 AUG, 2021.

- 1st SUMMER SCHOOL, NEW TRENDS IN MATHEMATICAL SCIENCES, SHANGLA CAMPUS, UNIVERSITY OF SWAT, 9-13 AUG, 2021, (PARTICIPATION AS A PRESENTER, 2nd POSITION).

- WEBINAR ON INNOVATIVE RESEARCH IN MATHEMATICS AND INDUSTRY-ACADEMIA LINKAGES, WIN WITH MATHEMATICS, CASPAM BZU MULTAN, 5 AUG, 2021.

- WEBINAR ON MODERN CURRICULUM NEEDS, MARKETABILITY & EMPLOYABILITY, WIN ITH MATHEMATICS, CASPAM BZU MULTAN, 4 AUG, 2021.

- STRENGTHENING RESEARCH PLANNING USING ELSEVIER TOOLS-SCOPUS, SCIENCEDIRECT & MENDLEY (Online), 22 OCT, 2020.

- WORKSHOP ON SOFT SKILLS, THE WOMEN UNIVERSITY MULTAN, 9-11 MARCH, 2020.

- RESEARCH METHODOLOGY, INNOVATION, AND PATENT WRITING, THE WOMEN UNIVERSITY MULTAN, 20 DEC, 2019.

- EMERGING TRENDS OF DATA SCIENCE AND CRYPTOGRAPHY, DEPARTMENT OF MATHEMATICS, THE WOMEN UNIVERSITY MULTAN, 21 NOV, 2019.

- INTERNATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS, DEPARTMENT OF MATHEMATICS, GCU LAHORE, 13-15 NOV, 2018.

- CASPAM INTERNATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS, BZU MULTAN, 6-7 NOV, 2017.

- ATTENDED FIRST SIX CASPAM REGIONAL STUDENT OLYMPIAD OF MATHEMATICS (CRSOM)
  NOTE : CRSOM IS AN EVENT CONDUCTD BY CASPAM EVERY YEAR TO PROMOTE LEARNING OF MATHEMATICS. THIS EVENT ORGANIZES MATHEMATICAL COMPETITIONS LIKE SINGLE, TEAM QUIZ AND POSTER COMPETITIONS.

EXPERIENCE:

- TEACHING AT CASPAM (CENTER FOR ADVANCED STUDIES IN PURE & APPLIED MATHEMATICS) IN BAHAUDDIN ZAKARIYA UNIVERSITY MULTAN FROM JANUARY 2021 TO JULY 2021 AND FROM OCTOBER 2021 TO JANUARY 2022.
- TEACHING AT THE WOMEN UNIVERSITY MULTAN FROM SEPTEMBER 2019 TO FEBRUARY 2021.

ACHIEVEMENTS :

- PASSED IPFP-BATCH-6, 2025 TEST AND SHORTLISTED AS AN IPFP FELLOW FOR ONE YEAR
- 1ST DIVISION IN MY WHOLE ACADEMIC CAREER

	• 4TH POSITION IN BS MATHEMATICS (CERTIFIED) • TOPPER IN MPHIL ADMISSION TEST • 5TH RANK IN MPHIL MATHEMATICS • FIVE PUBLICATIONS, THREE ARE IN REVIEW (SUBMITTED) • NO FAILURE IN ANY SUBJECT THROUGHOUT THE STUDY PERIOD **SKILLS :** • SCIENTIFIC WORK PLACE • MS. OFFICE • MATLAB • LATEX **LANGUAGES :** • ENGLISH • URDU • PUNJABI **REFERENCES :** • REFERENCES CAN BE PROVIDED ON DEMAND