

Muhammad Naveed Anwar

EDUCATION

Ph.D Atmospheric Sciences,
University of California, Davis.
California, USA

Aug, 2020 – Aug 2025



Fulbright English for Graduate Studies Program 2020
English Language Center,
Drexel University,
USA.

July, 2020 – Aug, 2020



MS Environmental Sciences

Sep 2012 – Dec 2014

School of Civil and Environmental Engineering
National University of Sciences and Technology (NUST) Islamabad, Pakistan
CGPA - 3.75/4.00



Post Graduate Diploma in Environmental Law
University of the Punjab, Lahore, Pakistan

Dec 2011 – May 2013



BS Environmental Sciences

Sep 2008 – May 2012

University of the Punjab, Lahore, Pakistan
CGPA- 3.89/4.00



PROFESSIONAL EXPERIENCES

Lecturer (Environmental Sciences) May 2016 till date

Sustainable Development Study Center, Government College University, Lahore, Pakistan

- Teaching Climate Change, Environmental Chemistry, Fundamentals of Earth Sciences, Environmental Microbiology, Environmental Profile of Pakistan, Environmental Monitoring, and Environmental Technology
- Conducting Research on Climate Change, Air Pollution and Environmental Policy

Graduate Student Research Assistant Sep 2021 – Aug 2025
Air Quality Research Center, University of California, Davis, California, USA.

- Conducting research on air pollution monitoring, source apportionment, and elemental analysis
- Conducting research on air quality study at 16 International sites under “SPARTAN” network

Vice President Endowment and Scholarships

June 2020 - June 2023

School of Civil and Environmental Engineering, (NUST) Alumni Association

- Leading the endowment and fundraising activities for the NUST Need based scholarships
- Overseeing the SCEE Fellowship for mentoring the Scholarship aspirants
- Mentoring the current students and Alumni of SCEE, NUST

Deputy Manager, Environment, Health and Safety

Oct 2015 - May 2016

Forward Sports, Sialkot

- Maintained compliance with federal and Adidas environmental regulations
- Maintained Environmental Performance indicators data on Adidas Data base (Higg Index, Emeret) on monthly and annually basis
- Provided the day-to-day environmental support to operations, prepared the permit applications, maintained required plans, trained personnel, and implemented the site EHS Management System (i.e., ISO 14001 / OHSAS 18001, ISO 9001, SA 8000)
- Evaluated testing procedures to meet the specifications of environmental monitoring programs
- Facilitated Third Party/ Customers and Regulatory Authorities' Audits including Three Days Fair Labor Association Audit (FLA) of social and EHS Compliance (SA 8000, ISO 14001, OHSAS 18001), Energy conservation audit (NPO)

Fellowship - Sitara Foundation – 20,000 USD Grant

Jun 2013 – Dec 2014

- Designed Clean drinking water facilities in various localities
- Lead Site selection in consultation with community members and supervisor
- Formed administrative community and Budget Allocation for various components of project
- Supervised Project during design and implementation phase
- Provided technical Report writing and feedback exchange with Sitara Foundation

Volunteer/ Event Coordinator

Sep 2012 – Sep 2014

Centre for Waste Management NUST

- Organized events related to solid waste management: training courses and international workshops
- Established coordination among volunteers and leading the management committee

Internship

Jul 2011 – Aug 2011

Urban Unit Punjab and Lahore Waste Management Company

- Worked at operation, communication departments, Designed waste collection routes of, Lahore
- Prepared waste management plan for new Sabzi Mandi and new Model Bazar at LHR.

RESEARCH AWARDS

- Recipient of **Walter and Margaret Milton Graduate Atmospheric Science Research Award** by Atmospheric Sciences Graduate Program, UC Davis, CA, USA
- Recipient of **Coulson Travel Awards for two consecutive years (2022 and 2023)** by Atmospheric Sciences Graduate Program, UC Davis, CA, USA
- Recipient of **American Association of Aerosol Research's travel award for 2024**

KEY PROJECTS

- Design and Installation of Clean Drinking Water Facility at Nankana Sahab
- Environmental Impact Assessment of Prison at H-16 Sector Islamabad and Industry at Lahore
- Waste Generation, Composition and Management Studies of Nankana Sahib, and Lahore

PROFESSIONAL TRAININGS AND CERTIFICATIONS

- **Climate Reality Leadership Corps Training** – Conducted by Climate Reality Project headed by Former US Vice President Al-Gore, 11th – 13th June, 2022 at Las Vegas, Nevada, USA.
- **ISO 14001 Environmental Management Sys. Lead Auditor Course** - IRCA Registered, 16th – 20th May, 2016.
- **Two Days Adidas annual Supplier summit & Training** on Env. management Systems (29th – 30th March, 2016 Sialkot)
- **Five Days Cascading Master Trainer Faculty Development Program**, HEC, Pakistan (15th – 19th October, 2018 at GCU, Lahore)

MEMBERSHIPS OF PROFESSIONAL SOCIETIES AND CHAPTERS

- Member of **American Geophysical Union (AGU)**, United States of America
- Member of **American Meteorological Society (AMS)**, United States of America
- Member of **American Academy of Env. Engineers and Scientists**, United States of America
- Member of **Climate Reality Project**’ Bay Area Chapter, California Chapter, United States of America
- Member of **Climate Reality Project**’ Sacramento, California Chapter, United States of America

RESEARCH ARTICLES PUBLISHED IN ISI INDEXED JOURNALS

1. Majeed, R., Anjum, M. S., Imad-ud-din, M., Malik, S., **Anwar, M. N.**, Anwar, B., & Khokhar, M. F. (2024). Solving the mysteries of Lahore smog: the fifth season in the country. **Frontiers in Sustainable Cities**, 5, 1314426. <https://doi.org/10.3389/frsc.2023.1314426>
2. **Anwar, M. N.**, M. Shabir, H.Saif, E. Tahir, A. Tahir, M. A. Murtaza, M. Iftikhar, M. F. Khokhar, M. Rehan, A.S. Nizami. 2020. Emerging Challenge of Air Pollution and Particulate Matter in South Asia: Origin, Policies, Fate and Health Impacts. **Journal of Hazardous Materials**. <https://doi.org/10.1016/j.jhazmat.2021.125851>
3. M.S. Anjum, M. Ali, E.U.Din, M. A. Subhani, **Anwar, M. N.**, A. S. Nizami, U. Ashraf, M. F. Khokhar. 2020. An emerged challenge of air pollution and ever increasing particulate matter in Pakistan; A critical review. **Journal of Hazardous Materials**. <https://doi.org/10.1016/j.jhazmat.2020.123943>

4. **Anwar, M.N. et al.** "CO₂ Utilization: Turning Greenhouse Gas into Fuels and Valuable Products." **Journal of Environmental Management** 260 (2020): 110059. <https://doi.org/10.1016/j.jenvman.2019.110059>

5. **Anwar, M. N. et al.** "CO₂ Capture and Storage: A Way Forward for Sustainable Environment." **Journal of Environmental Management** 226 (2018): 131–144. <https://doi.org/10.1016/j.jenvman.2018.08.009>

6. Ali, S. M., Malik, F., Anjum, M. S., Siddiqui, G. F., **Anwar, M. N.**, ... & Khokhar, M. F. (2021). Exploring the linkage between PM_{2.5} levels and COVID-19 spread and its implications for socio-economic circles. **Environmental research**, 193, 110421 <https://doi.org/10.1016/j.envres.2020.110421>

7. Ramzani, P. M. A....., **Anwar, M. N.**, M. Baqar, H. M. Tauqeer and Z. A. Virk (2017). "Potential of miscanthus biochar to improve sandy soil health, in situ nickel immobilization in soil and nutritional quality of spinach." **Chemosphere** 185: 1144-1156 <https://doi.org/10.1016/j.chemosphere.2017.07.097>

8. Ali, S. N., Baqar, M., Mumtaz, M., Ashraf, U., **Anwar, M. N.**, Qadir, A., ... Jun, H. (2019). Organochlorine pesticides in the surrounding soils of POPs destruction facility: source fingerprinting, human health, and ecological risks assessment. **Environmental Science and Pollution Research**. <https://doi.org/10.1007/s11356-019-07183-7>

9. Yasar, A., Shoukat, M., Anwar, N., Tabinda, A. B., **Anwar, M. N.**, & Nizami, A. S. (2021). A comparison of waste recycling facilities for their contribution of heavy metals and trace elements in ambient air. **Environmental Science and Pollution Research**, 28(19), 24807-24815. <https://doi.org/10.1007/s11356-020-12101-3>

10. M. Waqas, Z. Asam, **Anwar, M. N.**, R. A. Khattak, I. M. Ismail, M. Tabatabaei, M. Rehan, A.S. Nizami, 2020. Development of Biomass-derived Biochar for Agronomic and Environmental Remediation Applications. **Biomass Conversion and Biorefinery**. <https://doi.org/10.1007/s13399-020-00936-2>

BOOK CHAPTERS FOR INTERNATIONAL PUBLISHERS OF REPUTE

11. **Anwar M.N. et al. (2019) Sources of Carbon Dioxide and Environmental Issues.** In: Inamuddin, Asiri A., Lichtfouse E. (eds) Sustainable Agriculture Reviews 37. Sustainable Agriculture Reviews, vol 37. **Springer, Cham.** [DOI:10.1007/978-3-030-29298-0_2](https://doi.org/10.1007/978-3-030-29298-0_2)
12. Ali, S. N., **Anwar, M. N.**, Nizami, A. S., & Baqar, M. (2020). Microbial and technological advancements in biogas production. In Current Developments in Biotechnology and Bioengineering (pp. 137-161). **Elsevier.** <https://doi.org/10.1016/B978-0-444-64309-4.00006-4>
13. "Nanotechnology Application in Biofuel Production: Applications, Challenges, and Future Perspectives" - book title and publisher "Principles of Biofuels: Refining and Engine Performance - McGraw Hill Publishers". Under Review
14. **Anwar, M. N.**, M Shabir, H Saif, SH Khan, E Tahir, A Tahir, Z Naeem, M Rehan, AS Nizami. 2019. Biogas production: recent developments in microbiology and biotechnology. In the book, 'Environmental Microbiology and Biotechnology - Volume 2: Bioenergy and Environmental Health', edited by A Singh, S Srivastava, D Rathore, D Pant. **Springer.** https://doi.org/10.1007/978-981-15-7493-1_2
15. **Anwar, M. N.**, M Shabir, H Saif, E Tahir, A Tahir, Z Naeem, AS Nizami. 2019. "Policy and regulatory constraints in the biodiesel production and commercialization". **Elsevier.**
16. A Humayun, **Anwar, M. N.**, 2020. CO₂ capture, storage, transformation and utilization: an introduction. In the book "Nanomaterials for CO₂ Capture, Storage, Conversion and Utilization". **Elsevier.** <https://doi.org/10.1016/B978-0-12-822894-4.00007-1>

PEER-REVIEWED CONFERENCE PAPERS

17. **Anwar, M. N.**, A. Fayyaz, N.F. Sohail, M. Baqar, M. Iftikhar, M. Rehan, M. Waqas, A.S. Nizami. 2019. Investigation of Carbon Dioxide Sequestration Potential of Pure and Nano Particles Doped Biochar. HERAKLION 2019. **7th International Conference on Sustainable Solid Waste Management, 26-29 June 2019, Crete. Greek.**
18. M. Waqas, M. Rehan, **Anwar, M. N.**, M.D. Khan, A.S. Nizami. 2019. Agronomic and Environmental Remedial Benefits of Biochar: Current Challenges, and Future Perspectives. HERAKLION 2019. **7th International Conference on Sustainable Solid Waste Management, 26-29 June 2019, Crete. Greek.**
19. S. Salman, A. Yasir, A.b. Tabinda, R. Shaukat, **Anwar, M. N.**, and A. Iqbal (2018). Microbial fuel Cell for the treatment of industrial wastewater. Pakistan Engineering Congress ISBN: 978-969-603-037-9

NON-PEER REVIEWED PUBLICATIONS

20. **EnviroCities e-Magazine:** Green Developments for Supporting Sustainability" Available from: <https://www.ecat.ae/en/Publications/PdfBook?mId=26&artId=2>
21. **EnviroCities e-Magazine:** "Investment Priorities for Future Sustainable and Resilient Cities in the Middle East" Available from: <https://www.ecat.ae/en/Publications/PdfBook?mId=25&artId=1>
22. **EcoMENA:** "Pakistan's Thirst for Water: Towards a National Sustainable Water Policy" Available from: <https://www.ecomena.org/pakistan-water-policy/>

REVIEWER FOR INTERNATIONAL JOURNALS OF REPUTE

- Journal of Environmental Management, Elsevier (IF 4.87)
- Environmental Technology, Taylor & Francis

DISTINGUISHED RESEARCH CONFERENCES, SCIENTIFIC MEETINGS, AND TRAINING WORKSHOPS ATTENDED/ WORK PRESENTED

- Climate Reality Leadership Corps Training – Conducted by Climate Reality Project headed by Former US Vice President Al-Gore,(11th – 13th June, 2022 at Las Vegas, Nevada, USA)
- Fulbright Enrichment Seminar on Climate Change and Coastal Communities Conducted by Department of State and University of California, San Diego (7th – 11th Sep, 2022 at San Diego, California, USA)
- 4th International Surface Particulate Matter Network (SPARTAN) Meeting (18th – 19th May, 2023, at Washington University, at St. Louis, MO, USA)
- 13th International Conference on Carbonaceous Particles in the Atmosphere (9th – 12th July, 2023, Berkeley, California, USA)
- 41st Annual Conference of the American Association for Aerosol Research (2nd – 6th October, 2023, Portland, Oregon, USA)
- Beyond the Haze: Symposium on Dust (15th May, 2024, Air Quality Research Center, UC Davis, USA)
- Inter. Workshop on Air Quality Monitoring and Global Warming in (15th – 16th Nov, 2012, NUST, Pak)
- International Workshop on Composting Technology (6th – 8th March 2013, NUST, Pak)
- International Workshop on Sustainable Energy and Water Reuse (10th - 11th Dec 2013, NUST, Pak)
- International Conference on Plants, People and Climate Change (5th - 7th Nov, 2013, NUST, Pak)
- 1st Pakistan–Turkey Workshop on Municipal Services Management (27th - 29th Aug, 2013, NUST, Pak)
- 2nd Pakistan – Turkey Workshop on Municipal Services Manag. (22th - 26th Oct, 2014, NUST, Pak)
- International Workshop on Sustainable Energy and Water Desalination (11th Feb, 2015, NUST, Pak)
- International Conf. on Climate Change and Sustainable Devel. (28th – 30th Jan, 2016 at LCWU, Pak)
- 1st International Conference on Biomass gasification (27th – 29th July, 2016 at NUST, Pak)
- NUST International Model United Nations (2nd Feb to 5th Feb, 2017 at NUST, Islamabad, Pak)
- 1st Inter. Conf. on Climate Change & Biodiversity (02–04 May, 2017 at Islamia Uni. Bahawalpur, Pak)
- National Workshop on Air Pollution & Smog (08th November, 2017 at UVAS, Lahore, Pak)
- 2nd Inter. Conference on Env. and Sustainable Development (13th – 14th March, 2018, GCU LHR, Pak)

DISTINGUISHED RESEARCH CONFERENCES, SCIENTIFIC MEETINGS, & TRAINING

WORKSHOPS - ATTENDANCE SCHEDULED FOR THE NEXT ACADEMIC YEAR;

- 42nd Annual Conference of the American Association for Aerosol Research (20th – 25th October, 2024, Albuquerque, New Mexico, USA)
- 2024 Annual meeting of the American Geophysical Union (AGU) (8th – 13th December 2024, Washington, DC, USA)
- Annual meeting of NASA's Multi-Angle Imager for Aerosols (MAIA) project (May 2024, NASA's Jet Propulsion Laboratory, Pasadena, California, USA)

OTHER INVITED LECTURES/ TALKS

1. **Anwar, M. N.** "Experience sharing on air pollution and climate change Solutions" on Strengthening Knowledge and Actions for Air Quality Improvement Workshop organized by **Asian Developmental Bank, 29th January 2020. Lahore, Pakistan**
2. **Anwar, M. N.** Role of Vehicle routing to collect MSW in energy conservation in municipalities of SAARC, Second Webinar - II. Jul 25, 2019. **SAARC Energy Centre (SEC), Islamabad, Pakistan.**

KEY INTERNATIONAL CONFERENCE/ SEMINAR PRESENTATIONS (ORAL)

3. H. Saif, **Anwar, M. N**, M. Shabbir, E. Tahir, M.F. Khokhar, A.S. Nizami (2020) Monitoring of Particulate Matter (PM₁₀) During Winter Smog Episode 2019-2020 Employing Gravimetric Analyzer and HAZ Scanner (HM-6000) 8th International Conference on Sustainable Solid Waste Management, 2nd - 5th September 2020, Thessaloniki, Greece. (Accepted for presentation)
4. E. Tahir, **Anwar, M. N**, M. Shabbir, H. Saif, M.F. Khokhar, A.S. Nizami (2020) Detailed Assessment of SO₂ Levels in Lahore City During 2019 -2020 Winter Smog Episode, Employing HAZ-SCANNER (Model HIM-6000) 8th International Conference on Sustainable Solid Waste Management, 2nd - 5th September 2020, Thessaloniki, Greece. (Accepted for presentation)
5. M. Shabbir, **Anwar, M. N**, E. Tahir, H. Saif, M.F. Khokhar, A.S. Nizami (2020) Air pollution Impacts in Asia's Region and Policy Options for Air Pollution Mitigation 8th International Conference on Sustainable Solid Waste Management, 2nd - 5th September 2020, Thessaloniki, Greece. (Accepted for presentation)
6. M. Iftikhar, **Anwar, M. N**, B. K. Bakht, M. A. Murtaza, S. Sarwar, Dr. Eng. A. Yasar 2019, Anthropogenic Sources of Carbon Dioxide and its effect on Earth's temperature. Kinnaird's 1st International Conference on Science, Technology and Innovation. 2nd – 4th April 2019. Lahore, Pakistan
7. **Anwar, M. N**, A. Fayyaz, N.F. Sohail, M. Baqar, M. Iftikhar, M. Rehan, M. Waqas, A.S. Nizami 2019, Investigation of Carbon Dioxide Sequestration Potential of Pure and Nano Particles Doped Biochar. HERAKLION 2019, 7th International Conference on Sustainable Solid Waste Management, 26-29 June 2019, Crete. Greek.

8. M. Waqas, M. Rehan, **Anwar, M. N**, M.D. Khan, A.S. Nizami. 2019. Agronomic and Environmental Remedial Benefits of Biochar: Current Challenges, and Future Perspectives. HERAKLION 2019. 7th International Conference on Sustainable Solid Waste Management, 26-29 June 2019, Crete. Greek.
9. M.Iftikhar, B. K. Bakht, A. Yasar, A. B. Tabinda, **Anwar, M. N**. 2019, Groundwater contamination as a main source of water scarcity in Pakistan. Mid Term Symposium on the theme of Water Scarcity – strategic approach. 2019. Pakistan Engineering Congress headquarter, Lahore
10. M. Iftikhar, B. K. Bakht, A. Yasar, **Anwar, M. N**, M. Shabbir 2019, Lahore ambient air pollution: main root causes and impacts on public health – A detailed Review. World Environment Day. 2019. Pakistan Engineering Congress headquarter, Lahore
11. M. Iftikhar, **Anwar, M. N**, B. K. Bakht, M. A. Murtaza, S. Sarwar. A. Yasar 2018, A detailed study conducted to ascertain the causes of winter smog episodes at Pakistan, and to propose the solutions to prevent its reoccurrence. 2nd International Conference on Plant Sciences (ICPS-2018) – Government College University Lahore
12. M. Iftikhar, **Anwar, M. N**, B. K. Bakht, M. A. Murtaza, S. Sarwar 2018, Detailed Study of socioeconomic and sociocultural impacts of Sahiwal Coal Fired Power Plant, Pakistan. 2nd International Conference on Plant Sciences (ICPS-2018) – Government College University Lahore
13. M.Iftikhar, N. F. Sohail, **Anwar, M. N**, A. Fayyaz, M. Baqar , B. K. Bakht 2018, Paris Agreement: A beacon of hope for Climate Action – A Critical Appraisal. 2nd International Conference on Environment and Sustainable Development. 2018 GCU. Lahore
14. A. Fayyaz, **Anwar, M. N**, N.F. Sohail 2017. Global Warming, Climate Change, Carbon Capturing, and Storage – A Review. World Environment Day Celebration Seminar by Pakistan Engineering Congress, Lahore 2017.
15. **Anwar, M. N**, W.A. Khan, Engr. Dr. A. Yasar 2017. Disinfection of Indoor air microbial flora employing titania nanomaterial photocataylsis. 1st International Conference on Climate Change and Biodiversity, 2017. Islamia Uni. Bahawalpur, Pakistan.

KEY INTERNATIONAL CONFERENCE/ SEMINAR POSTER PRESENTATIONS

16. M. Shabbir, H. Saif, E. Tahir, **Anwar, M. N**; Presentation on "A detailed account of Lahore's ambient air quality profile and public health exposure: Current policy challenges and way forward" in the 3rd International Conference on Innovative Biological and Public Health held on 13-14 November 2019 at GC University, Lahore.
17. E. Tahir, M. Shabbir, H. Saif, **Anwar, M. N**. Presentation on " Detailed review of Lahore's smog episodes: root causes, public health exposure and solutions" in the 3rd International Conference on Innovative Biological and Public Health held on 13-14 November 2019 at GC University, Lahore
18. H. Saif , M. Shabbir, E. Tahir, **Anwar, M. N**; Presentation on " Comprehensive review on Water Pollution in Pakistan and its corollary on Public health: Aftermaths of Development and a Way Forward" in the 3rd International Conference on Innovative Biological and Public Health held on 13-14 November 2019 at GC University, Lahore

19. N. F. Sohail, **Anwar, M. N.**, A. Fayyaz, M. Baqar, B. K. Bakht, M. Iftikhar 2017. Paris Agreement: A Beacon of Hope for Climate Action - A Critical Appraisal. 2nd Inter. Conference on Env. & Sust. Development. 13th – 14th March 2017. Gov. College University, Lahore.
20. **Anwar, M. N.**, A. Fayyaz, N. F. Sohail, W.U.D Khan, M. Baqar 2017. Improvement of saline soil's health employing biochars: nanoparticles doped, and Pure. 2nd Inter. Conference on Env. & Sust. Development. 13th – 14th March 2017. Gov. College University, Lahore.
21. A. Fayyaz, N. F. Sohail, **Anwar, M. N.** 2017. Climate change vulnerability of Pakistan, adaptation and mitigation options. 2nd Inter. Conference on Env. & Sust. Development. 13th – 14th March 2017. Gov. College University, Lahore.

ONLINE COURSES COMPLETED FROM INTERNATIONAL UNIVERSITIES

- Our Earth's Future (American Museum of Natural History, Six Week Long, 2015)
- Climate Change (University of Melbourne, Thirteen Week Long, 2015)
- Learning for Sustainability: Developing a Personal Ethic (Uni. of Edinburgh, Six Week Long, 2015)
- Greening the Economy; Sustainable Cities (Lund University, Five Week Long, 2016)
- Climate Change Mitigation in Developing Countries (Uni. of Cape Town, Six Week Long, 2016)
- Water Resources Management and Policy (University of Geneva, Feb, 2016)

FINAL YEAR THESIS SUPERVISED AT GCU, LAHORE, PAKISTAN

Candidate	Degree	Thesis Title	Status
Noor ul ain	MS Environmental Sciences	Degradation of Polyethylene Using Doped and Undoped Titania Nanoparticle Coating	Completed
M. Rehman Majeed	MS Environmental Sciences	Characterization, Measurement, and assessment of Particulate Matter during winter fog at Lahore	Completed
Ezza Tahir	MS Environmental Sciences	Monitoring of Criteria air pollutants during winter smog episodes at Lahore	Completed
Muneeba Shabbir, Hira Sarfaraz	BS Environmental Sciences	Monitoring, Characterization of PM ₁₀ and PM _{2.5} during the winter season at Lahore	Completed
Zuha Taqdees	MS Environmental Sciences	Effects of Si – nanoparticles and biochar on physiology and growth of radish vegetable under saline–sodic conditions	Completed
Samia Sarwar, Malik Ashar Murtaza	BS Environmental Sciences	Measurement, Characterization, and Assessment of PM as main ingredient to Winter Smog.	Completed
Aqsa Fayyaz, Nabia Farrukh Sohail	BS Environmental Sciences	Carbon dioxide sequestration employing pure and composite biochar- A pot scale experiment	Completed

Mubeen Sohail	BS Environmental Sciences	Fate and Effect of nanomaterials in water/waste water treatment systems	Completed
Hafiza Fatima Saleem	BS Environmental Sciences	Mitigation of Heavy Metal Stress in Raddish Crop through Biochar and Activated Clay application.	Completed
Warda Tahira	BS Environmental Sciences	Comparative evaluation of growth pattern of red. Veg. after different amendments under chromium stress	Completed
Rabi Shahzad	BS Environmental Sciences	“Disinfection of wastewater microbial flora employing Titania nano particles”	Completed