

# CURRICULUM VITÆ

## Maimona Saeed

### Lecturer

Department of Botany  
Government College Women University,  
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<u>EDUCATION</u>				
Degree	University/ Board	Subjects	Division	Year
Ph.D	PMAS-Arid Agriculture University Rawalpindi	Botany (Microbiology and Plant Physiology) <b>Dissertation:</b> Bioremediation of crude oil contaminated soil with PGPR and Biochar for maize production	1 <sup>st</sup>	2021
M. Phil	PMAS-Arid Agriculture University Rawalpindi	Botany (Microbiology and Plant Physiology) <b>Dissertation:</b> Effect of drought stress and Azospirillum inoculation on growth and yield of canola	1 <sup>st</sup> (Gold medal)	2015
MSc	PMAS-Arid Agriculture University Rawalpindi	Botany	1 <sup>st</sup>	2012
BSc	Punjab University	Botany, Zoology, Psychology	1 <sup>st</sup>	2008
FSc (HSSC)	Rawalpindi Board	Premedical	1 <sup>st</sup>	2006
Matric (SSC)	Rawalpindi Board	Science	1 <sup>st</sup>	2004

B.ed	Allama Iqbal Open University, Islamabad	Biology	1 <sup>st</sup>	2015
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### Award And Achievement

- Annual prize in botany in B.Sc
- Talent Scholarship holder during M.Sc
- Gold medalist in M.Phil
- Impact Factor 41.38

### Fields of Specialization and Technical Expertise

- Microbiology, Environmental Science, Plant microbe interaction under abiotic stress.,
- Physiological, biochemical and molecular mechanism of abiotic stress tolerance in microbes/plants.

### Research Publications

S #	Name of Author	Complete Name of Journal and Address with ISSN (Print) No.	Title of Publication	Vol. No. & Page No.	Year
1.	M Saeed, N Ilyas, K Jayachandran, N Akhtar, A Shahzad, R Z Sayyed, A Bano	Environmental Pollution IF 9.988	Advances in biochar and PGPR engineering system for hydrocarbon degradation: A promising strategy for environmental remediation	22-00759	2022
2.	M Saeed, N Ilyas, F Bibi, K Jayachandran, S dattamudi	Environmental Pollution IF 9.988	Biodegradation of PAHs by <i>Bacillus marsiflavi</i> , genome analysis and its plant growth promoting potential	292, 118343	2022
3.	F. Bibi, N. Ilyas, M. Arshad, A.Khalid, M. Saeed, S. Ansar. J. Batley	Chemosphere IF 8.943	Formulation and efficacy testing of bio-organic fertilizer produced through solid state fermentation of agro waste by <i>Burkholderia cenocepacia</i>	291: 132762	2022

4.	<b>M. Saeed</b> , N. Ilyas, M. Arshad, M. Sheeraz, I. Ahmed, A. Bhattacharya	Journal of Environmental Chemical Engineering IF 7.968	Development of a plant microbiome bioremediation system for crude oil contamination	<a href="https://doi.org/10.1016/j.jece.2021.105401">https://doi.org/10.1016/j.jece.2021.105401</a>	2021
5.	<b>M Saeed</b> , N Ilyas, K Jayachandran, S Gaffar, M Arshad, M. S. Ahmad, F. Bibi, K. Jeddi, K. Hessini	Saudi Journal of Biological Sciences IF 4.052	Biostimulation Potential of Biochar for remediating the crude oil contaminated soil and Plant Growth	<a href="https://doi.org/10.1016/j.sjbs.2021.03.044">https://doi.org/10.1016/j.sjbs.2021.03.044</a>	2021
6.	N. Ilyas, U. Shoukat, <b>M. Saeed</b> , N. Akhtar, H. Yasmin, W. Khan, S.Iqbal	Scientific Reports IF 4.996	Plant growth and remediation potential of pyrochar (pyrolytic breakdown and biochar addition) in crude oil-contaminated soils.	<a href="https://doi.org/10.1038/s41598-021-82243-y">https://doi.org/10.1038/s41598-021-82243-y</a>	2021
7.	Ilyas N, F.Ambreen, N. Batool, M. Arshad, R. Mazhar, F. Bibi and <b>M.Saeed</b>	Communications in Soil Science and Plant Analysis IF 1.327	Contribution of Nitrogen Fixed by Mung Bean to the Following Wheat Crop	49 (2), 148-158	2018
8.	Ilyas N, R. Gull, R. Mazhar, S. Kanwal F. Bibi and <b>M.Saeed</b>	Communications in Soil Science and Plant Analysis IF 1.327	Influence of Salicylic Acid and Jasmonic Acid on Wheat Under Drought Stress	48 (22), 2715-2723	2018
9.	S Kanwal, N Ilyas, S Shabir, <b>M Saeed</b> , R Gul, M Zahoor, N Batool	Journal of Plant Nutrition IF 1.132	Application of biochar in mitigation of negative effects of salinity stress in wheat ( <i>Triticum aestivum</i> L.).	41:4, 526-538	2018
10.	<b>Saeed M.</b> , N. Ilyas, R. Mazhar, F. Bibi, N. Batool	Journal of Applied Botany and Food Quality. IF 1.093 print ISSN: 1613-9216 electronic ISSN: 1439-040X	Drought Mitigation Potential of Azospirillum Inoculation in Canola ( <i>Brassica napus</i> )	89, 270 – 278 (2016), DOI:10.5073/JABFQ.2016.089.03	2016

11.	Mazhar R, N. Ilyas, <b>M. Saeed</b> , Fatima Bibi and Nazima Batool	International Journal of Agriculture and Biology IF 0.89 ISSN Print: 1560–8530	Biocontrol and Salinity Tolerance Potential of <i>Azospirillum lipoferum</i> and its Inoculation Effect in Wheat Crop	ISSN Online: 1814–9596 15–716/2016/18–3–494–500 DOI: 10.17957/IJAB/15.0115	2016
12.	Roomina Mazhar, Noshin Ilyas, Naveed Iqbal Raja, <b>Maimona Saeed</b> , Mubashir Hussain, Wajiha Seerat, Huma Qureshi and Sumera Shabir	Pure Appl. Biol., 5(4): 1288-1295,	Plant growth promoting Rhizobacteria: Biocontrol potential for pathogens	5(4): 1288-1295, <a href="http://dx.doi.org/10.19045/bspab.2016.50154">http://dx.doi.org/10.19045/bspab.2016.50154</a>	2016
13.	<b>Maimona Saeed</b> , Noshin Ilyas, Abida Akram, Naveed Raja, Roomina Mazhar, Fatima Bibi, Wajiha Seerat, Sidra Kanwal, Nazima Batoo	International journal of Biosciences International Journal of Biosciences   IJB   ISSN: 2220-6655	Effect of drought stress on Brassica crops and its mitigation by inoculation of PGPR	Vol. 9, No. 6, p. 282–291, 2016 DOI: 10.12692/ijb/9.6.282-291	2017
14.	Nazima Batool, Noshin Ilyas, Tahira Noor, <b>Maimona Saeed</b> , Roomina Mazhar, Fatima Bibi, Armghan Shahzad	International Journal of Biosciences   IJB   ISSN: 2220-6655 (Print) 2222-5234 (Online) <a href="http://www.innspub.net">http://www.innspub.net</a>	Evaluation of drought stress effects on germination and seedling growth of Zea mays L.	Vol. 5, No. 4, p. 203-209, 2014	2014
15.	Saman Rafique Mirza, Noshin Ilyas, Nazima Batool, Roomina Mazhar, Fatima Bibi, Sidra Kanwal, <b>Maimona Saeed</b>	International Journal of Biosciences   IJB   ISSN: 2220-6655 (Print), 2222-5234 (Online) <a href="http://www.innspub.net">http://www.innspub.net</a>	Seed Priming: Technology to improve Wheat Growth under Abiotic Stress Conditions	Vol. 9, No. 1, p. 268-275, 201 <a href="http://dx.doi.org/10.12692/ijb/9.1.268-275">http://dx.doi.org/10.12692/ijb/9.1.268-275</a>	2016

16.	<b>Maimona Saeed,</b> Noshin Ilyas	Agronomic crops	Toxicity of Soil Hydrocarbon Pollution in Field Crops and Its Remediation	DOI: 10.1007/ 978-981- 15-0025- 1_29	2020
17.	<b>Maimona Saeed,</b> Noshin Ilyas	Approaches for Enhancing Abiotic Stress Tolerance in Plants	Hydrocarbon Contamination in Soil and Its Amelioration: Profiling and CounterAction	DOI: <u>10.12</u> <u>01/978135</u> <u>1104722-</u> <u>12</u>	2019
18					
18	Sumera Shabir. Noshin Ilyas, <b>Maimona Saeed,</b> Fatima Bibi, Zia- urRehman, R.Z. Sayyed, Waleed Hassan Almaki	Environmental Research IF 8.9	Treatment technologies for olive mill wastewater with impacts on plants	Accepted	2022

#### **Oral presentation in Conferences**

- ✓ Oral presentation at “**1<sup>st</sup> international conference on emerging trends in science and technology**” 5-9 Sept 2016 ” held at Fatima Jinnah Women University Rawalpindi Pakistan.
- ✓ Oral presentation“ 2nd International Symposium on “**Biodiversity of Pakistan; Prospects and Associated Issues**” held at Bara Gali Campus, University of Peshawar from May 22-24, 2016.

<b>Job Experience</b>	
<i>Duration</i>	<i>Job Title</i>
2017-2022	Biology Teacher, Secondary Section, Siddque Public School System, 6 <sup>th</sup> Road Satellite Town Campus Rawalpindi Pakistan.

**Ph.D Supervisor, Academic Reference:**

**Dr. Noshin Ilyas**

Assistant Professor,

Department of Botany,

PMAS, Arid Agriculture University, Rawalpindi, Pakistan.

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