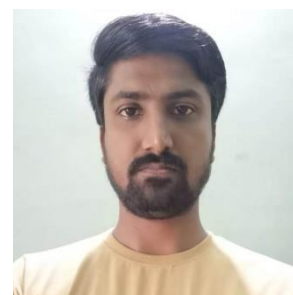


CURRICULUM VITAE

Bhagat Kanwar Ram



PERSONAL INFORMATION

Father's Name: Sona Ram
Year of birth: 1989
Nationality: Pakistani
Countries Visited: China, India, Qatar.
Facebook: <https://www.facebook.com/dr.ram.kanwar>
Mailing Address: Deptt. of Energy & Environment, Faculty of Agricultural Engineering,
Sindh Agriculture University, Tandojam.
Cell #: +92-331-2770595
Email: msdo_sindh@yahoo.com

EXPERIENCES

2023-Current Visiting Faculty, Deptt. of Energy & Environment, Faculty of Agricultural Engineering,
Sindh Agriculture University, Tandojam.

ACADEMIC QUALIFICATION

| | |
|--|---|
| PhD (Environmental Science & Engineering) | School of Life Science & Engineering, Southwest University of Science & Technology, China, (84.7%), 2020. |
| ME (Land & Water Management) | Department of Land & Water Management, Sindh Agriculture University, Tandojam, (66.36%), 2016. |
| BE (Agricultural Engineering) | Faculty of Agricultural Engineering, Sindh Agriculture University, Tandojam, (70.37%), 2011. |
| HSC (Pre Engineering) | Govt. Boys Degree College, Umerkot, Board of Intermediate & Secondary Education, Mirpurkhas, (77.45%), 2007. |
| SSC (Science) | Govt. Boys H/Sec School # 1, Umerkot, Board of Intermediate & Secondary Education, Hyderabad, (67.05%), 2004. |

ACHIEVEMENTS/AWARDS

- 2016, SWUST China International Students Scholarship for **PhD** (Envi Sci & Engineering)
- 2016, HEC Travel Grant (comprises of airfare) to pursue **PhD** studies (Envi Sci & Engineering)
- 2012, HEC Pak-USAID Merit & Needs Based Scholarship for **ME** (Land & Water Management)

PROFESSIONAL ACTIVITIES/MEMBERSHIP

- Lifelong Member of Pakistan Engineering Council (PEC) (Registration No. AGRI/03419)
- Founding Member of Malhi Social Development Organization, Sindh (2009 – Current)

AREA OF INTEREST

I have been most interested in remediating the soil contaminated with toxic heavy metals and NaCl. The focus of my research is to explore, identify and improve certain plants capable in remediation of heavy metals and saline soils.

COMPUTER SKILLS

Good knowledge of MS Word, MS Excel, MS PowerPoint, Internet Research, & Social Media.

LANGUAGES

- **English, Sindhi, Urdu, and Dhatki**
Excellent Reading, Speaking, and Writing.

TRAININGS/CERTIFICATION

- 2022** Online Continuing Professional Development Webinar on “Advance Sowing Technologies” organized by Pakistan Engineering Council.
- 2022** Online Continuing Professional Development Webinar on “Renewable & Non-Renewable Technologies” organized by Pakistan Engineering Council.
- 2021** Online course on “Advancing on REDD+” by UN Climate Change E-Learn.
- 2020** Online course on “Climate Change: From Learning to Action” by UN Climate Change E-Learn.
- 2014** Participated in “Transparency International Pakistan’s Youth Integrity Survey” organized by Transparency International-Pakistan.
- 2010** Two days training on “Design of Pressurized Irrigation Systems” organized by Department of Land & Water Management, Sindh Agriculture University, Tandojam.

PUBLICATIONS

1. **Ram BK**, Han Y, Yang G, Ling Q, Dong F. Effect of hexavalent chromium [Cr (VI)] on phytoremediation potential and biochemical response of hybrid Napier grass with and without EDTA application. *Plants*. 2019 Nov 17; 8(11):515.
2. Li R, Dong F, Yang G, Zhang W, Zong M, Nie X, Zhou L, Babar A, Liu J, **Ram BK**, Fan C. Characterization of Arsenic and Uranium Pollution Surrounding a Uranium Mine in Southwestern China and Phytoremediation Potential. *Polish Journal of Environmental Studies*. 2020 Jan 1; 29(1).
3. Talpur MA, Changying J, Junejo SA, Tagar AA, **Ram BK**. Effect of different water depths on growth and yield of rice crop. *African Journal of Agricultural Research*. 2013; 8(37):4654-9.

PROJECT/THESIS

- 2017-2019** Effect of hexavalent chromium [Cr(VI)] on phytoremediation potential and biochemical response of hybrid Napier grass with and without EDTA application (PhD research).
- 2013-2014** Estimation of cropped area and water requirement of wheat crop at district Umerkot: an application of remote sensing and GIS (Master's research).
- 2010-2011** Effect of low pressure head on length of lateral and emitter's discharge (Bachelor's research).

REFERENCES

Prof. Dr. Dong Faqin (SWUST, China),
fqdong@swust.edu.cn

Assoc. Prof. Dr. Ying Han (SWUST, China),
hanying@swust.edu.cn

Prof. Dr. Altaf Ali Siyal (SAU, Tandojam),
aasiyal@sau.edu.pk

Assoc. Prof. Dr. Mahmood Laghari (SAU, Tandojam),
mlaghari@sau.edu.pk