

AMINUL ISLAM



MOBILE: +91-7278934030

Email: aminul.ubkv@gmail.com

CAREER OBJECTIVE

To seek an existing and challenging carrier in an esteemed organization, grow professionally by strengthening my technical and analytical skills in the field of Agricultural Engineering where my talents are recognized and earn good reputation where I work.

EDUCATIONAL CREDENTIALS

EXAMINATION	BOARD / UNIV.	YEAR OF PASSING	MARKS
M. Tech (Land and Water Resource Engineering)	IIT KHARAGPUR	2015	7.61
B. TECH (Agriculture Engineering)	U.B.K.V Cooch- Behar W.B	2012	7.24
HIGHER SECONDARY	W.B.C.H.S.E	2007	68.30%
SECONDARY	W.B.B.S.E	2005	60.00%

AWARDS AND ACHIEVEMENTS:

- Scored All India Rank- 40 in Graduate Aptitude Test in Engineering (**GATE**) - **2013**.
- Recipient of Ministry of Human Resources & Development (MHRD) scholarship by Government of India during M. Tech.
- Awarded for **Best paper** in **International Conference on Emerging Trends in Water Resources and Environmental Engineering-2017**, MVGR College of Engineering (30-March -01 April)
- Qualified **ICAR NET-2018**

STRENGTH AND SKILLS

- Ability To Team Work And Lead Team
- Ability To Take Critical Decision
- Able To Motive People, Cooperative, Hardworking
- Basic computer knowledge: Window, MS Office
- ERDAS IMAGINE 9.2, SWAP Model , SPSS

PROJECTS AND SEMINAR UNDERTAKEN

- Completed **M. Tech** project on “Evaluation of Saturated Hydraulic Conductivity Methods for Different Land Uses” at IIT Kharagpur in April 2015.

- Completed B.Tech project on “Design Analysis of RCC Silo for Food Grain Storage as Per BIS Standards” at UBKV Cooch Behar in June 2012

B. TECH STUDENT GUIDED:

Title of project	<u>Student Details</u>
Spatial assessment of soil infiltration properties at VFSTRU campus by using DRI method	Baswanth (131FA12006) Gopi Chand (131FA12058) Dasaradha Rami Reddy(131FA12060)
Production and Quality Assurance of Fruit Puree and Soil, Water Analysis	B.Ramya (131FA12040) A. Swathi (131FA12002) N. Saisri (131FA12018) V. Roja Rani (131FA12046)
Design and Evaluation of Saturated Hydraulic Conductivity at VFSTRU Campus by Using Modified Constant Head Permeameter	Ram Gopal .B (141FA12004)Lohitha. D (141FA12008) HemaChandana. G (141FA12012)Akhil.N (141FA12024) Sri. Swetha. S (141FA12028) Muthyal Reddy. K (141FA12046)
Development of Soil Erosion Equipment	Ram Gopal .B (141FA12004)Lohitha. D (141FA12008) HemaChandana. G (141FA12012)Akhil.N (141FA12024) Sri. Swetha. S (141FA12028) Muthyal Reddy. K (141FA12046)

COURSES AND CERTIFICATIONS

- Certification in short term course on “Urban Flood Modeling” Department of Civil Engineering, NIT Warangal in Nov. 2016
- Certification in short term course on “On-site Wastewater Treatment and Management” from IIT Kharagpur in June-July 2014.
- Certification in one-month institutional training at Central Institute of Agricultural Engineering, Bhopal, M.P for Practical Training in Agricultural Engineering, 02.05.2011 to 30.05.2011.
- Certification in one-month institutional training at Central Farm Machinery Training and Testing Institute, Budni, M.P from 03.05.2010 to 28.05.2010
- Participated and completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Global Navigation Satellite System (GNSS)" 18th to 22nd Dec. 2020
- Participated in “Application of GIS and Remote Sensing in Civil Engineering” Organized by Department of Civil Engineering in association with AICTE, New Delhi conducted from 23rd to 28th Nov. 2020
- Participated One Week Short Term Training Programme through ICT Mode on Solar

- Photovoltaic System, from 22 to 26th November, 2021
8. Participated in International Refresher Course on Emerging Jurisprudence of Intellectual Property Rights and Policies: Recent Trends and Challenges Around the Globe, From 6 to 18th September, 2021
 9. Participated in Virtual GIS Week Celebrations 2021 from 15 to 19th November, 2021
 10. Faculty Development Programme on Universal Human Values in Engineering Domain, from 4th - 08th May 2022.
 11. One Week Online Management Development Programme (MDP) on “Post-COVID Business Transformation in Business Coterie. From 22 to 28th April, 2022,

EXPERIENCES:

1. I worked as Junior Research Fellow on project “**Water Energy and Sediment Budgeting of Subtropical Humid Hilly Watershed with Altitudinal Variation**” sponsored by I.S.R.O under supervision of Dr. S. Dutta, IIT Guwahati from 08.10.2012 to 06.04.2013.
2. I worked as **Assistant Professor** in “**Vignan Foundation For science Technology and Research University**” Andhra Pradesh, from July, 2015 to 28 July 2019.
3. Currently working as **Assistant Professor** in The Neotia University, West bnegal, from Aug. 2019 to till date

PUBLICATIONDETAILS:

Conference details

1. Islam, A. and Mailapalli, D. R. (2015). Comparison of field saturated hydraulic conductivity methods for top soils. In: 49th Annual Convention and Symposium of the Indian Society of Agricultural Engineers (ISAE), PAU, Ludhiana, Punjab, India. (Feb 23-25, 2015), SWE-2015-WMT-92.
2. Islam, A. and Mailapalli, D. R. and Behera, A. (2017). Comparison of Saturated Hydraulic Conductivity Methods for Sandy Loam Soil with Different Land Uses. International Conference on ETWREE, MVGR College of Engineering (30-March - 01 April 2017), GW-009.

Journal details:

1. Das, P., Islam, A., Dutta, S., Dubey, K. A. and Sarkar, R. (2014). Estimation of runoff curve numbers using a physically-based approach of preferential flow modelling, IAHS Publication 363. (DOI: 10.13140/2.1.1057.8240)
2. Adamala, S., Islam A. and Krishna Y. V. R. (2017). Simulation of runoff from small agricultural watershed using physically based model. International Journal of Research in Management & Social Science. Volume 5, Issue 3: 72-77. (UGC approved International Journal)
3. Islam, A., Mailapalli,D.R. and Behera, A. (2017). Evaluation of Saturated Hydraulic Conductivity Methods for Different Land Uses. Indian Journal of Ecology .Volume

44, Issue 3: 456-466.

4. Verma, K. A., Rao, P. S., Islam, A. and Sirisha, A. (2017). Quality Analysis of Silver Pomfret (*PampusArgenteus*) Fillets during Thermal and High Pressure Processing. Indian Journal of Ecology. Volume 44, Issue 3: 618-624.
5. Benjamin E. Rajesh A, N., Islam, A and Jacob J (2018). Development and Testing of Rotary Mechanism with Manual Feeding for Husking Coconut. ndian Journal of Ecology (2018) 45(3): 602-606
6. Kumar A., Khodke U S., Lal G and Islam A. (2018). Optimization of Machine Parameters for Grading of Sapota through Trommel Screen Grader. Indian Journal of Ecology (2018) 45(1): 205-209
7. Islam, A., Zaman, U, A., and Sen, D (2019). Spatial Variability Modeling of Field Infiltration Capacity. Indian Journal of Ecology (2019) 46(3): 510-515.
8. Islam, A., K.Ravi Chandra Charyulu C, R., Reddy, R. (2020). Assessment of soil saturated hydraulic conductivity at VFSTR campus using DRI method. Scientific Journal AGRICULTURAL ENGINEERING. XL: 10 – 19
9. Sundar S M., Islam A and Reddy Y. (2021). Development of Prototype Air Water Generator to Condense Water from Atmospheric Moisture. Indian Journal of Ecology 48(6): 1871-1875.

Book Chapter:

1. Islam A., Mailapalli D.R., Behera A. (2019) Comparison of Saturated Hydraulic Conductivity Methods for Sandy Loam Soil with Different Land Uses. In: Rathinasamy M., Chandramouli S., Phanindra K., Mahesh U. (eds) Water Resources and Environmental Engineering I. Springer, Singapore. (DOI: https://doi.org/10.1007/978-981-13-2044-6_10)

PERSONAL DETAILS

Date of Birth : 29-07-1989
Nationality : Indian
Languages known : Bengali, Hindi, English
Marital status : Single
Permanent Address : Vill.-Narayanpur, P.O.-Lakshmipul,
P.S-Habra, Pin-743234, (W.B), India

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge.

Date: 02.07.2022

Place: THE NEOTIA UNIVERSITY

Aminul Islam.

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