

Resume of M. Juel Khondakar



M. Juel Khondakar
Medical Physicist

CONTACT

📍 Ulla Para, Sirajganj
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PROFILE

I am a Medical Physicist. My passion for a career in any health or research related organization where I can grow my skill and knowledge efficiently while making a significant contribution to a unique organization in a dynamic environment.

To work hard with full determination and dedication to achieve the organizational as well as a personal goal and for patient benefit. Clinical medical physicist with more than one year of experience in radiation therapy gained in home and abroad country. Competent to independently perform treatment planning and treatment delivery duties. Good understanding of quality assurance for brachytherapy as well as a linear accelerator. Superb communication skills, capable of working alone or with other research scientists. Extensive research training acquired during post-graduate education.

SKILLS

- ✓ **RTPS:** HDRplus 3, Sagiplan 2.0, Oncentra Brachy, QA & QC of Brachy and Linac.
- ✓ **Operating Systems:** Windows 7, 8, 10, Android

WORKING EXPERIENCE

○ **Clinical Medical Physicist**

(Biogene Pharma Ltd. & Chattogram Medical College Hospital, Bangladesh, Duration-2018-2019)

- + Performed HDR brachytherapy planning and treatment administration
- + QA and chart check of brachytherapy and well type dosimetry performed
- + Familiar with C-arm machine for brachytherapy treatment planning
- + Manual Patient dose calculation for Cobalt-60 teletherapy

INTERNSHIP

- + Completed **M.Sc.** thesis work about air cavity dose calculation in brachytherapy (Klinikum Augsburg, Germany)
- + Brachytherapy treatment planning on model based Oncentra Brachy planning system, QA check of Multisource & Linear accelerator in home (Bangladesh) & abroad country (Germany)
- + Completed **B.Sc.** project work about EBRT dose effects on the lung in different 3D-CRT planning techniques during breast irradiation (SZRMCH, Bogra, Bangladesh)

EXTRA CURRICULUM ACTIVITIES

- + Joint 16th Digitalization in Radiation Oncology, 1st Global Health Catalyst Summit, UMM, Germany, Sep. 6, 2019
- + Joint AFOMP webinar on 11th February 2021 on the topic of "IAEA TRS-398 Absorbed Dose Determination in EBRT"
- + Joint webinar on 1st April 2021 on the topic of "update on latest IBA dosimetry system"
- + Given a poster at ICMPROI-2018, Dhaka, Bangladesh

EDUCATION

- | | |
|---------|---|
| 2019 | Master of Science (2 Years): Medical Physics & Biomedical Engineering, Gono Bishwabidyalay |
| Result: | CGPA-3.50 (out of 4.00) |
| 2016 | Bachelor of Science (4 Years): Medical Physics & Biomedical Engineering, Gono Bishwabidyalay |
| Result: | CGPA-3.14 (out of 4.00) |

✓ **Technical Skills:** Digital Marketing: SEO Backlink, SMM, MS Office

PERSONAL TRAITS

-Sincere to work, ambitious, and confident.
-Quick learner and leading personality.
-Do not talk much

2009 **Higher Secondary School Certificate (HSC)**
Sirajganj Govt. College, Sirajganj

Result: GPA-3.30 (out of 5.00)

2007 **Secondary School Certificate (SSC)**
Ray Doulatpur High School, Sirajganj

Result: GPA-4.13 (out of 5.00)

PERSONAL INFORMATION

Name : M. Juel Khondakar
Father's Name : Md. Abdur Rashid Khondakar
Mother's Name : Khondakar Layli Begum
Date of Birth : **15-10-1992**
Present Address : Village: Kazi Para, Post: Panchakroshi, Thana: Ulla Para, District: Sirajganj, Bangladesh.
Permanent Address : Village: Kagi para, Post: Panchakroshi, Thana: Ulla para, District: Sirajganj, Bangladesh.
Nationality : Bangladeshi
Religion : Islam (Sunni)
Marital Status : Single
Blood Group : AB+

REFERENCES

Prof. Dr. Hasin Anupama Azhari

Secretary-General of Asia-Oceania Federation of Organization (AFOMP) for Medical Physics.

EB Regional Member of Organization for Women in Science for the Developing Asia & Pacific 2021 to 2025

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Prof. Dr. Golam Abu Zakaria

Professor, Department of Biomedical Engineering, Anhalt University of Applied Science, Koethen, Germany & Patron Professor, Department of Medical Physics and Biomedical Engineering (MPBME), Gono Bishwabidyalay (University), Savar, Dhaka, Bangladesh.

Chairmen of South Asia Centre for Medical Physics and Cancer Research (SCMPCR), Savar, Dhaka, Bangladesh.

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DECLARATION

I do hereby declare that the above information is true and correct to the best of my knowledge.



M. Juel Khondakar