

Curriculum Vitae

Md. Anisur Rahman

CONTACT INFORMATION

Mobile Phone No.	+880 01918864282	Mailing Address
Primary Email	anis.phyuap@yahoo.com	35/1-D, Shakhari Nagar Lane, Faridabad, Dhaka-1204, Bangladesh.
Secondary Email	anis.phyl@gmail.com	

OBJECTIVE

I have broad and acute interest in new and innovative things. I particularly enjoy collaborating with researchers from different disciplines to develop new skills and solve new problems.

RESEARCH INTEREST

Any field in condensed matter physics is of great interest to me.

My current research centres around on the **theory of nucleation** and growth of new phases and its application to nucleation phenomena, adsorption, defect investigation, **optical characterization** and technological implementation of nonlinear optical materials as well as **growth, dielectric and acoustic emission studies of crystals**.

I am keenly interested in semiconductor crystal growth, high-temperature solution and melt growth of single crystals and willing to work in thin film solar cell fabrication and Optoelectronics.

PROFESSIONAL EXPERIENCE

University of Asia pacific	Lecturer April 15, 2008 – October02, 2011	Taught a variety of courses focusing on undergraduate physics.
University of Asia pacific	Assistant Professor October02, 2011- Present	Teaching a variety of courses focusing on undergraduate physics.

EDUCATION

M. Phil	Institution	Bangladesh University of Engineering and Technology, Dhaka.
	Dissertation	Effect of additives on the metastable zone width and growth kinetics of some nonlinear optical crystals.
	GPA	3.5 (out of 4)
	Year	2009
M. Sc in Physics	Institution	M. M College, (National University)
	Result	First Class (60.17%)
	Courses Studied	Quantum Mechanics, Electronics, Nuclear Physics, Solid State Physics.
	Year	2001
B. Sc (Honours)	Institution	M. M College, (National University)
	Result	First Class (62.7%)
	Subject	Physics
	Year	2000
H.S.C	Institution	B.A.F Shaheen College, Chittagong, Comilla Board
	Result	First Division (75%)
	Group	Science
	Year	1995
S.S.C	Institution	B.A.F Shaheen College, Chittagong, Comilla Board
	Result	First Division (82.8%)
	Group	Science
	Year	1993

SKILLS AND INTERESTS

English language proficiency	IELTS Score: 6.5
Programming language	C++, HTML and CSS
Computer application	MS Excel, MS Word, MS PowerPoint, Adobe Illustrator, Adobe Photoshop
Interest	Travelling and fishing

PERSONAL PROFILE

Full Name	Md. Anisur Rahman
Father's Name	Md. Azizur Rahman
Mother's Name	Mahmuda Begum
Sex	Male
Date of Birth	17-02-1978
Marital Status	Married
Nationality	Bangladeshi (By birth)
Religion	Islam (Sunni)
Permanent Address	35/1-D, Shakhari Nagar Lane, Faridabad, Dhaka-1204

MEMBERSHIP & AWARDS

Life member of "Bangladesh Physical Society" (LM T0005)
1993 – Prime Minister's Scholarship for Secondary School Certificate Examination
1990 - Junior School Scholarship

PUBLICATIONS

- [1] Anisur Rahman and Jiban Podder, "Effect of EDTA on the Growth Kinetics and Structural and Optical Properties of KDP Crystal." Hindawi Publishing Corporation, International Journal of Optics, Volume 2010, Article ID 978763, doi:10.1155/2010/978763.
- [2] A. Rahman and J. Podder, "Effect of EDTA on the Growth Kinetics, structural optical and mechanical properties of ADP Crystal." Indian Journal of Physics (January 2012) 86(1):15–21, DOI 10.1007/s12648-012-0003-8.
- [3] A. Rahman and J. Podder, "The Effect of EDTA on the Nucleation Kinetics and Mechanical Properties of KDP Crystal", Journal of Scientific Research. 4(3), 533-540 (2012).
- [4] M. A. Rahman, M. M. Rahman "Determination of the Metastable Zone Width, Nucleation Kinetics, Structural and Optical Properties of KCl Doped KAP Crystal". Journal of Crystallization Process and Technology, 2015, 5, 31-42.
- [5] M. A. Rahman, M. M. Rahman and J. Podder, "Investigations on the structure, optical constants and growth aspects of EDTA doped ADP crystal for optoelectronics applications". Bangladesh Journal of Physics, 17, 23-30, 2015.
- [6] M A Rahman, M M Billah, T Jahan, N H Munni, and M M Rahman, "Optical, structural and thermal characterization of pure and bimetallic ion doped kdp crystal". Accepted for publication, Bangladesh Journal of Physics, 19, 2016.

CONFERENCE PRESENTATIONS

- [1] Twenty-First Bangladesh Science Conference, 18-20 February 2009, Organized by: Bangladesh Association for the advancement of Science, "Effect of additives on the width of metastable zone and growth kinetics of kdp crystals," A. Rahman and J. Podder.
- [2] National Conference on Physics for Development, 10-11 February 2011, Organized by Bangladesh Physical Society, "Study of nucleation kinetics and characterization of KDP crystal by the addition of EDTA", A. Rahman and J. Podder.
- [3] International Conference on Physics of Today, 15-16 March 2012, Organized by Bangladesh Physical Society, "EDTA effect on the growth kinetics and microhardness properties of KDP crystal." A. Rahman and J. Podder.
- [4] International Conference on Physics for Energy and Environment, 06-08 March 2014, Organized by Bangladesh Physical Society, "EDTA effect as a chelating agent on the growth kinetics and mechanical properties of ADP crystal." M. A. Rahman.

THESIS SUPERVISION

Position	Co-Supervisor
Dissertation	Growth and Characterization of pure and doped bimetallic ions (Mg^{+2} , Ni^{+2}) potassium dihydrogen Phosphate single Crystals.
Student's name	Tania Jahan (Session 2011-2012) MS student Department of Physics, Dhaka University

REFERENCES

1. Dr. Jiban Podder
Professor, Department of Physics
Bangladesh University of Engineering and
Technology
Email: jpodder59@gmail.com
Phone: +880 01552423766
2. Dr. Md. Abu Hashan Bhuiyan
Professor, Department of Physics
Bangladesh University of Engineering and
Technology
Email: abhuiyan@phy.buet.ac.bd
Phone: +880 01712836384
3. Dr. Md. Mijanur Rahman
Associate Professor, Dept. of Physics
University of Dhaka.
Email: mmizan@du.ac.bd
Phone: +880 01917745675