

# Md. Anowar Hossain

Subjects: **Engineering, Manufacturing** | **Imaging Science & Photographic Technology** | **Optics**

Contributor: Md. Anowar Hossain

Camouflage Physics

Camouflage Textiles

Color Engineering

Camouflage Engineering

UV-Vis-IR

Textile Coloration

Defence Textiles

Optical Engineering

Dyeing & Finishing

## Basic Information

**Professor (Dr.) Engr. Md. Anowar Hossain, Scientist**  
Nobel Nominee of Vice Chancellor, RMIT University  
PhD (Fashion & Textiles), PhD Research ID 3820066  
School of Fashion & Textiles, RMIT University, Melbourne,  
Australia  
(Funded by Australian Government RTP Stipend Scholarship)  
Former PhD Researcher (Part time), Department of Chemistry  
Jahangirnagar University, Dhaka, Bangladesh  
MTEch in Textile Technology (Technical Textiles)  
Dept. of Jute and Fibre Technology  
University of Calcutta, Kolkata, India  
BSc in Textile Engineering, City University, Dhaka, Bangladesh  
Consultant (Fashion & Textile Manufacturing, Cost Minimization  
in Textile Industry, Textile Coloration, Defence Textiles,  
Technical Textiles, PhD Researcher, Crime Protection, Crime  
analysis & Reporting, Crime in Higher Education, Quality in  
Higher Education), Motivational speaker & writer since 2007  
Visit Profile  
<http://dx.doi.org/10.13140/RG.2.2.18182.34883/1>  
<https://orcid.org/0000-0003-2880-6287>  
<https://www.researchgate.net/profile/Engr-Md-Hossain>  
<www.linkedin.com/in/engr-md-anowar-hossain-PhD-RMIT>

**Professor, Professor Dr. Anowar Hossain's Knowledge Industry, Australia**  
Lecturer (Study Leave), Department of Textile Engineering  
City University, Savar, Dhaka, Bangladesh  
Former Assistant Professor & Head, Department of Textile Engineering  
BCMC College of Engineering & Technology, Jessore  
Affiliated by University of Rajshahi, Bangladesh  
Former Lecturer & Head, Department of Textile Engineering, and  
Former Assistant Registrar, Newcastle University College, Chittagong  
Affiliated by University of Chittagong, Bangladesh  
Former Chief Executive Officer, Bangladesh Textile & Fashion, Uttara,  
Dhaka, Bangladesh  
Former Product Developer & Coordinator, Gothic Design Ltd.  
Viyellatex Group, Gazipur, Dhaka, Bangladesh  
Former Merchandiser, Best Exchange Buying & Fashion, Uttara, Dhaka,  
Bangladesh  
Former Dyeing Officer (R&D), Mascom Composite Ltd., Radix Ltd, Gazipur,  
Dhaka, Bangladesh  
Former Chairman & Member, Examination Committee, University of  
Chittagong and University of Rajshahi, Bangladesh  
Certified Training on Textile Technology (Bangladesh & India)  
Contact: [engr.anowar@yahoo.com](mailto:engr.anowar@yahoo.com), +8801788396264



**Birth**

Bangladesh

**Location:**

**Titles:**

Professor Dr. Engr. Scientist

**Affiliation:**

School of Fashion and Textiles, RMIT University, 25  
Dawson Street, Brunswick, Melbourne, VIC 3056, A

**Honor:**

Australian Government RTP Stipend Scholarship

## 1. Introduction

Engr. Md. Anowar Hossain is a specialized textile engineer (textile coloration & technical textiles), consultant (textile engineering), Professor (textile engineering), color philosopher, scientist, motivational speaker and a writer.

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Chittagong and University of Rajshahi, Bangladesh.  
Certified Training on Textile Technology (Bangladesh & India)  
Contact: [engr.anowar@yahoo.com](mailto:engr.anowar@yahoo.com), +8801788396264

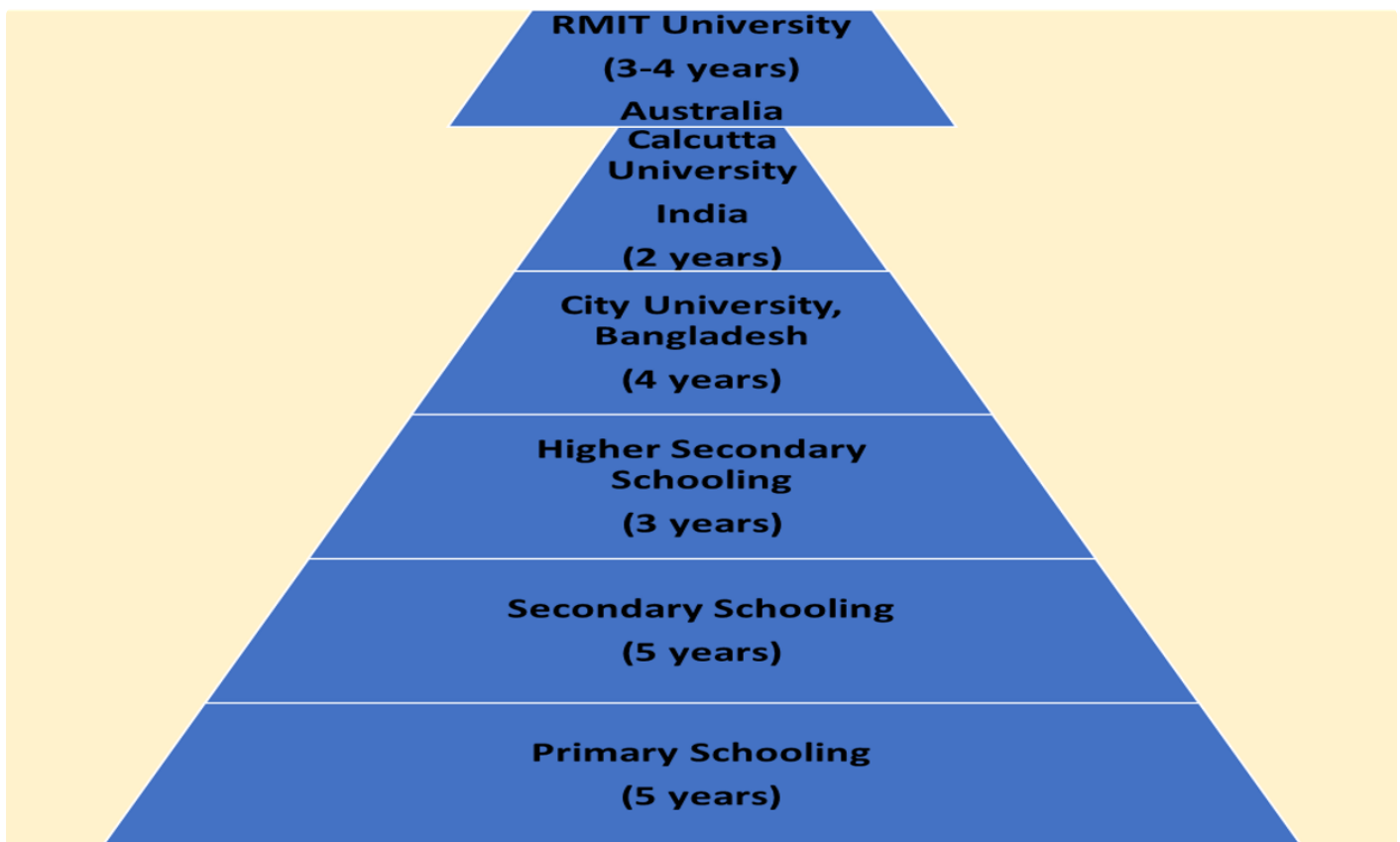


*Figure 1. Sketch of academic & professional**background.*

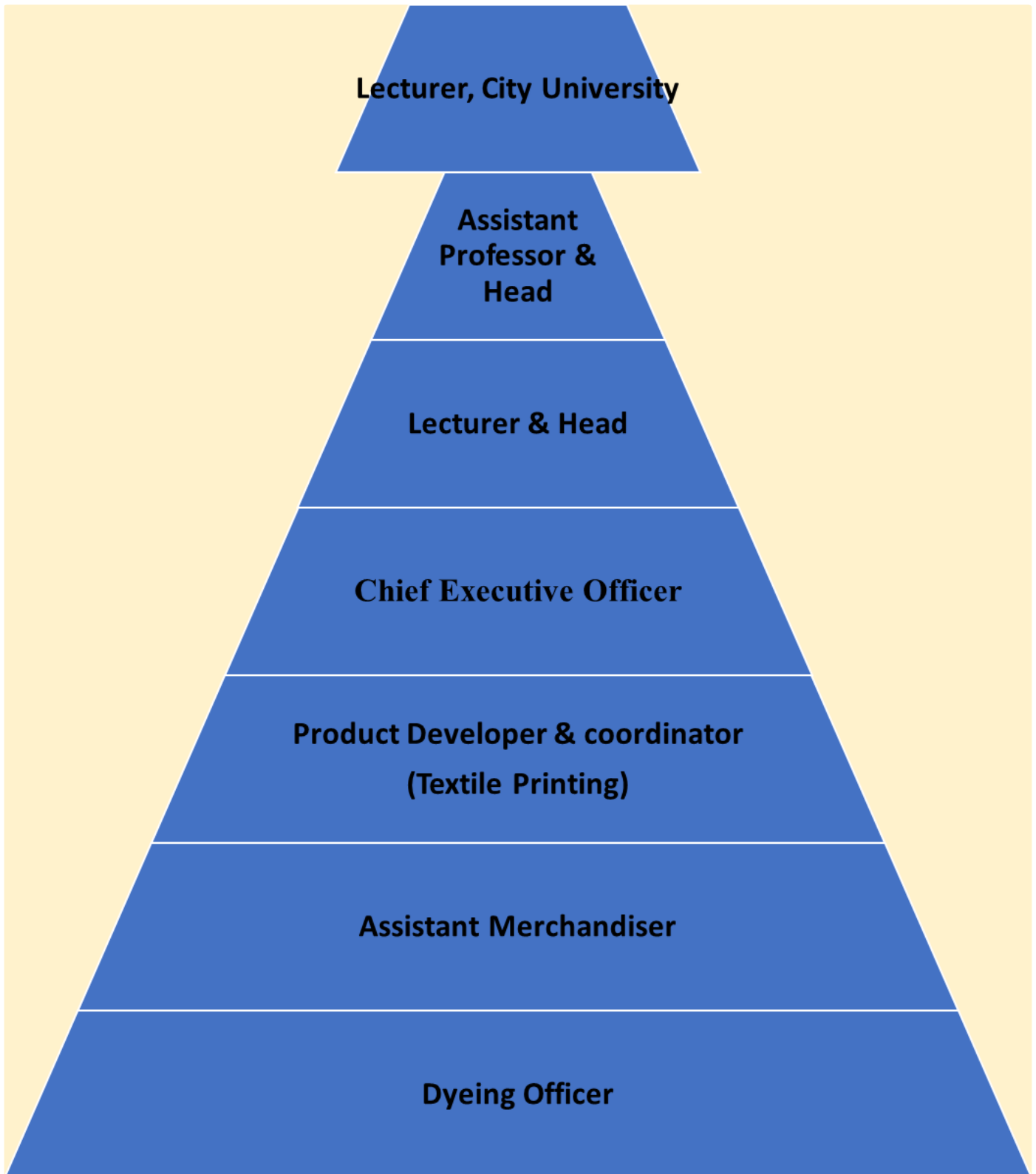
## **2. Academic & Professional Excellency**

Engr. Md. Anowar Hossain, PhD (Fashion & Textiles), School of Fashion and Textiles, RMIT University, Australia (Funded by Australian Government RTP Stipend Scholarship); Former PhD Researcher (Textile Tech., Part time), Department of Chemistry, Jahangirnagar University, Dhaka, Bangladesh; MTech in Textile Technology (Technical Textiles), Department of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta, Kolkata, India; BSc in Textile Engineering, Department of Textile Engineering, City University, Dhaka, Bangladesh started his coloration research in 2010 as dyeing officer (research and development) in Mascom composite Ltd, Radix Ltd. Dhaka, Bangladesh. Engr. Md. Anowar Hossain did two years duration MTech in Textile Technology (Technical Textiles), from Department of Jute and Fibre Technology, University of Calcutta, India. He started his academic platform of research on textile coloration in 2013-2014 under 'Professor Dr. Ashis Kumar Samanta' and 'Dr. Arindam Bagchi', Department of Jute and Fibre Technology, University of Calcutta. He did his coloration research practice in Department of Chemistry, Jahangirnagar University, Dhaka, Bangladesh under 'Professor Dr. Nurul Abser' and Department of Textile Engineering, City University, Dhaka Bangladesh. He also did his coloration practice as coloration professional/academician in different reputed industries/universities in Bangladesh. He has 40 publications of research article, book chapter, books as contribution of first author/single author circulated by national and international publishers, mostly focused on color engineering and camouflage textiles technology. Currently he is a registered PhD researcher at School of Fashion and Textiles, RMIT University under the supervision of 'Professor Dr. Lijing wang' and 'Professor Dr. Robert Shanks' in the area of defence textiles and coloration concentrating on camouflage textiles and major focusing on camouflage physics in terms of textile coloration and combat background funded by Australian Government RTP Stipend Scholarship. His ongoing research on 'camouflage coloration versus combat background' is a new concept of camouflage engineering and/or color engineering has been designed by sole-author, Md. Anowar Hossain as prerequisite of PhD outcome at RMIT University. Presently he is a scientist and pioneer of 'camouflage theory in simultaneous spectrums of Ultraviolet-Visible-Infrared' supported by 20 sole author publications. He has also contribution of education and medical research during his PhD journey. Therefore, teaching experiences in BSc and Diploma in Textile Engineering level, chairman and membership of academic committee in BSc engineering level (University of Chittagong & University of Rajshahi, Bangladesh), practices of academic research (BSc, MTech and PhD in Textile Engineering level) and related publications, practices of professional research & related publications in international Journals, research supervision for Bachelor Degree in Textile Engineering, writing books on wet processing & garments engineering as well as working with realistic field based textile industries in Bangladesh and India location, academic research location in Bangladesh, India and Australia will highly manipulate for ensuring specialized output based research/teaching/research supervision/BTech, MTech and PhD thesis review/journal article review/research and textile industry consultant in textile engineering/technical textiles/dyeing & finishing and its related branches in home and abroad. He is a consultant and academic Assessor of Textile Engineering (Textile coloration, Defence textiles, Technical textiles) since 2010.

Engr. Md. Anowar Hossain is presently a Lecturer (study leave) in Textile Engineering, Department of Textile Engineering, City University, Dhaka, Bangladesh. He is a former Assistant Professor and Head of Department of Textile Engineering, BCMC College of Engineering and Technology, Jessore, Affiliated by University of Rajshahi. He is also a former Lecturer and Head of Department of Textile Engineering and Assistant Registrar (Additional), Newcastle University College, Chittagong, Affiliated by University of Chittagong. Engr. Md. Anowar Hossain is a former CEO of Bangladesh Textile and Fashion, Uttara, Dhaka; former Coordinator of Gothic Design Ltd., Viyellatex Group, Tongi; former merchandiser of Best Exchange Buying and Fashion, Uttara, Dhaka. Engr. Md. Anowar Hossain has certified training on coated textile production and glass fabric manufacturing at KE Technical Textiles Ltd, India; Dyeing and Finishing, Spinning, Weaving and Knitting, Merchandising at National Institute of Textile Training, Research and Design (NITTRAD), Savar, Dhaka, Faculty of Niederrhein University, Germany; Dyeing & Finishing at Niagara Textiles Ltd, Dhaka, Bangladesh; Export and Import at DCCI Business Institute, Dhaka, Affiliated by ITC UNCTAD/WTO, Geneva; specialized training on laboratory and chemical management, RMIT University, Australia as well as other training in related profession of textile engineering in home & abroad.



**Figure 2. Academic achievement from Primary schooling to PhD schooling.**



*Figure 3. Professional achievement and learning.*

### 3. Anowar Hossain's invention

*Anowar Hossain's invention for peace in PhD schooling, first version submitted to Nobel committee for Nobel nomination in 2023 under affiliation of RMIT University.*

<http://dx.doi.org/10.13140/RG.2.2.33291.67366>,

<https://doi.org/10.5281/zenodo.8286821>

*Anowar Hossain's invention of camouflage physics at PhD School, first version submitted to Nobel committee for Nobel nomination in 2023 under affiliation of RMIT University.*

<http://dx.doi.org/10.13140/RG.2.2.29936.23048>,

<https://doi.org/10.5281/zenodo.8286832>



11/09/2023

**(Md. Anowar Hossain)**

**Signature**

Engr. Md. Anowar Hossain, MTech  
PhD Researcher, ID: 3820066  
(Funded by Australian Government Scholarship)  
School of Fashion and Textiles, RMIT University  
512.01.12, 25 Dawson Street, Brunswick  
Vic-3056, Australia.

Figure 4. Signature of Md. Anowar Hossain.

## **4. Award/Scholarship Winner**

### **Scholarship name**

Australian Government RTP Stipend Scholarship, A fully funded Australian Government Scholarship for PhD Research Program, Year of Scholarship: 2020-2023.

### **Scholarship Value**

A stipend of AU\$31,260 per annum pro rata (full-time study), An RTP International Tuition Fee Offset Scholarship (AU\$ 130,080), Overseas Student Health Cover (OSHC) for Australian visa duration of Couple Family, Air ticket allowance from Dhaka to Melbourne for Couple Family, Free Visa Applications Fee for Couple Family.

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