Faculty Brief Profile:

<table>
<thead>
<tr>
<th>Full Name:</th>
<th>G. R. AHMED JAMAL</th>
</tr>
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<tbody>
<tr>
<td>Designation:</td>
<td>Associate Professor</td>
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<tr>
<td>Educational Qualifications:</td>
<td></td>
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<tr>
<td>(a) PhD:</td>
<td>Ongoing, BUET, Bangladesh.</td>
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<tr>
<td>(b) M.Sc. Engineering</td>
<td>M.Sc in EEE, BUET, Bangladesh, 2012</td>
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<tr>
<td>(c) B.Sc. Engineering</td>
<td>B.Sc in EEE, BUET, Bangladesh, 2003</td>
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<td>Email (official):</td>
<td><a href="mailto:ahmed.eee@uap-bd.edu">ahmed.eee@uap-bd.edu</a></td>
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<td>Official Phone Number:</td>
<td>9664953, 8629368 Ext-155</td>
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<tr>
<td>Personal Mobile Number:</td>
<td>n/a</td>
</tr>
<tr>
<td>Office Room Number:</td>
<td>I-605</td>
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<tr>
<td>UAP Profile URL:</td>
<td><a href="http://eee.uap-bd.edu/ahmed_jamal.html">http://eee.uap-bd.edu/ahmed_jamal.html</a></td>
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</tbody>
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Information for Faculty Full-Profile:

- **Introducing myself:**
  G. R. Ahmed Jamal obtained his B.Sc. and M.Sc degree in Electrical & Electronic Engineering (EEE) from Bangladesh University of Engineering and Technology (BUET) in 2003 and 2012, respectively. He is now pursuing his Ph.D degree in same institute on Carbon nanotube and graphene based nanotechnology.

  He started his teaching career in October, 2003 as a Lecturer in Department of Information and Communication Engineering (ICE) of Southeast University where he served till November, 2009. He then joined in Department of EEE of Primeasia University as an Assistant Professor and served there for around three years. In November, 2012 he joined in Department of EEE of University of Asia Pacific as an Assistant Professor. Later, he became the Associate Professor in same institute in October, 2015. In his 11 years long teaching career, he taught almost all undergraduate courses in the field of Electrical, Electronics and Telecommunication Engineering.

- **Research Area / Interest :**
  His current research interest includes Carbon Nanotubes, Graphene, Nanostructure based Photovoltaic cells, Renewable energy and Cellular mobile communication. He bears a number of Journal and conference publications in these fields.
Thesis / Research / Publication:

Journal Publications (16):

2016

   http://dx.doi.org/10.1063/1.4940761

2015

   DOI: http://cogentoa.tandfonline.com/doi/full/10.1080/23311940.2015.1006107

   Web-online: http://files.aiscience.org/journal/article/html/70270007.html

   Web-online: http://files.aiscience.org/journal/article/html/70270014.html

   Web-online: http://files.aiscience.org/journal/article/html/70270016.html

   Web-online: http://files.aiscience.org/journal/article/html/70270010.html


    Web-online: [http://www.publicscienceframework.org/journal/paperInfo/ajmsas?paperId=1124](http://www.publicscienceframework.org/journal/paperInfo/ajmsas?paperId=1124)
2014


2013

Web: [http://www.ecti-thailand.org/paper/views/1349](http://www.ecti-thailand.org/paper/views/1349)

2011


Conference Publications (8):

Web: [http://www.gistworldconpro.com/conference/3/5](http://www.gistworldconpro.com/conference/3/5)

Web: [http://www.gistworldconpro.com/conference/3/5](http://www.gistworldconpro.com/conference/3/5)

DOI: 10.1109/ICIEV.2014.6850683

**DOI:** 10.1109/ICECE.2014.7026903


**DOI:** 10.1109/ICIEV.2013.6572549


**DOI:** 10.1109/ICECE.2012.6471557


**DOI:** 10.1109/ICECE.2012.6471525


**Supervised Thesis titles (Selected):**

- Empirical Calculation of Bandgap in Semiconducting Single Wall Carbon Nanotubes.
- First two Optical Transitions in Semiconducting SWCNT and their Empirical Ratio.
- Design and Construction of Multipurpose Tactical Robot.
- Reduction of Co-channel Interference in Cellular Mobile Communication.
• Efficient Management of Handoff in Cellular Mobile Communication.
• An Overview of Wimax Technology and its Potential in Bangladesh.
• Generation of Electricity from Sounds: A new approach in renewable Energy.
• Generation of Electricity from conventional Kitchen Stoves.
• Potential of Super capacitor as an alternative of conventional DC battery

• **Work Experience:**
  Worked as a maintenance Engineer in ‘Western Health Care Ltd’ in Tejgaon for six months immediately after his graduation.

• **Membership of Professional Body:**
  Professional Member of IEEE, Bangladesh section and life member of Bangladesh Physical Society.