

**Polynia Varni Kharbuli****Assistant Professor****Department of Computer Science****polyniakharbuli@anthonys.ac.in****Academic Qualification:**

NET with JRF: Awarded in the year 2014

Master of Computer Application (MCA)

St. Anthony's College, Shillong; affiliated to North Eastern Hills University (NEHU).

Other Qualification:

Cisco Certified Network Associate

St. Anthony's College, Shillong in the year 2010.

Research Related Activities:***Publication:***

Polynia V. Kharbuli, Amina Sultana, "A Comparative Study on the Generations of Mobile Wireless Telephony: 1G - 5G", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349-5162, Vol.5, Issue 9, page no.326-332, September-2018, Available: <http://www.jetir.org/papers/JETIR1809069.pdf>; DOI: <http://doi.one/10.1729/Journal.18303>

Conferences:

- Attended the National Conference on Emerging Trends and Applications in Computer Science was held on 9th and 10th, April 2010 which was organized by the Department of Computer Science, St. Anthony's College.
- Participated in the 2nd National Conference on Emerging Trends and Applications in Computer Science was held on 4th – 5th March 2011, which was Technically Sponsored by IEEE.
- Attended the 3rd National Conference on Emerging Trends and Applications in Computer Science, held on 30th - 31st March 2012, which was Technically Sponsored by IEEE.

- Attended the First International Conference on Emerging Trends and Applications in Computer Science organized by the Department of Computer Science, Technical sponsored by IEEE Kolkata Section on 12 - 14 September 2013, organized by the Department of Computer Science, St. Anthony's College.
- On 14th - 15th September 2018, attended the National Conference on Emerging Trends and Applications in Computer Science (NCETACS 2018) organised by Department of Computer Science

Workshops:

- Participated in a Workshop on FOSS (Free and Open Source Software), organized by the Department of Computer Science, St. Anthony's College, which was held on 13th - 14th November 2009, in partnership with Meghalaya Information Technology
- Participated in a two days National Workshop on Embedded Systems that was held on 12th - 13th November 2010. This was organized by the Department of Computer Science, St. Anthony's College, in collaboration with IIT, Guwahati.
- Attended a Two day National Workshop titled "National Workshop on Security Issues in Cloud and Machine to Machine Communications" (NWSICM) on 27th - 28th August 2015 organised by Department of Computer Science, St. Anthony's College, Shillong in collaboration with Department of Computer Science and Engineering, National Institute of Technology Meghalaya
- Participated in a two day National Workshop on "National Mission on Education through Information and Communication Technology (NMEICT) Awareness" on 25th - 26th September 2015 by NIT Meghalaya
- Participated in Workshop on Creation and Promotion of Online Teaching Resources: A National Initiative organised by National Institute of Technology, Meghalaya on 5th June 2017
- Participated in a Workshop on Case Study Writing held on 15th December 2018 organised by Department of BBA, St. Anthony's College as part of their National Conference on Entrepreneurship, Innovation and Society (NCEIS 2018) from 13th - 15th December 2018

Tutorials:

- Participated in the Tutorial Lecture on Natural Language Processing, Challenges and Opportunities, held on the 3rd of March 2011, which was given by Dr. Pushpak Bhattacharyya, Professor, Dept. of Computer Science, IIT, Mumbai, organized by Department of Computer Science, St. Anthony's College.
- Participated in the Tutorial Lecture on Bio-inspired Artificial Intelligence, held on the 29th March, 2012 which was given by Dr. Shivashankar B. Nair, Dept. of Computer Science, IIT, Guwahati, organized by Department of Computer Science, St. Anthony's College.
- Participated in the Tutorial on Sentiment Analysis, held on 12th September 2013, which was given by Dr. Pushpak Bhattacharyya, Professor, Department of Computer Science and Engineering Indian Institute of Technology, Mumbai, organized by Department of Computer Science, St. Anthony's College.
- Participated in Tutorial on Cyber Security and Ethical Hacking by Arjun Chetry, NEPA organised by Department of Computer Science, St. Anthony's College on 17th June 2017

Seminar:

- Attended National Seminar on "Towards Standardising Khasi for Computational Purposes" which was organised by the Department of Computer Science and Department of Khasi, St. Anthony's College, Shillong held in the College on 28th – 29th October, 2014.
- Participated in a Two-Day National Seminar on "Emerging Trends in Advanced Networking and Cloud Computing" organised by Department of Computer Science and Applications and IQAC, Shillong College from 31st Oct – 1st Nov 2014.
- Participated in a National Seminar on "E-Governance, Cyber Crimes, Cyber Security and Cyber Laws: Contemporary Issues and Challenges" on 29th April 2016 organised jointly by Department of Law, NEHU and NEC, Ministry of Development of North-Eastern Region Government of Meghalaya

Out-reach programmes:

- Participated in a one-day outreach programme on Public Key Infrastructure, organized by the department in-collaboration with C-DAC Mumbai

IT – Summit:

- Attended MEGHABYTES-2011, Meghalaya IT Summit on "Community Empowerment in North-East India through ICT" held from 8th - 10th September, 2011

Invited Talks:

- Participated at a Talk on “Towards Empowering Women in Technology” organised by Department of Computer Science, Lady Keane College on 10th Dec 2014.
- Attended an Invited talk on “Big Data – Data Science” ~ In Conversation with St. Anthony’s College by Mr. Steven Suting on 24th April 2015 organised by Department of Computer Science, St. Anthony’s College, Shillong
- Participated in Invited Talk on “Business Intelligence” by Dr. Basav Roychoudhury, IIM Shillong, Meghalaya on 18th April 2016 organised by Department of Computer Science, St. Anthony’s College
- Participated in an Invited Talk on “Emerging Trends in ICT” by Shri. Timothy Dkhar, SIO, NIC, Meghalaya on 11th June 2016 organised by Department of Computer Science, St. Anthony’s College
- Participated in the Invited Talk on “Information Security” by Dr. Frank B. Brokken, University of Groningen, Netherlands organised by Department of Computer Science, St. Anthony’s College, Shillong on 29th March 2017

Faculty Development Programmes:

- Participated in a one day Orientation Programme on Team Building on 23rd March 2013 held in Siloam, Umiam, organized by the Department of Computer Science, St. Anthony’s College, Shillong
- Participated in a National Workshop on Learning to Teach for New College Teachers on 26th – 29th August 2013 held in Christ University, Bangalore.
- Attended a Workshop on Reconceptualization of Education and Reconstruction of Pedagogy for 21st Century conducted by the College on the 16th February 2013. Resource Person was Fr. Paul Pudussery, csc., Ph. D, organized by Internal Quality Assurance Cell (IQAC) of St. Anthony’s College, Shillong.
- Participated in a one-day Workshop on Question Paper Setting organized by the MCTA Unit of the college on 19th November 2012.
- Attended a Faculty Development Programme on “Research Capability Enhancement” organised by Research Cell under the aegis of IQAC, St. Anthony’s College, Shillong on 23rd August 2014
- Participated in a Two day Workshop on Semester System on 21st and 22nd April 2015 organised under the aegis of the IQAC, St Anthony’s College, Shillong
- Participated in a Faculty Development Workshop titled “Capability Building Workshop” from 19th – 25th June 2016 in Christ University, Bangalore
- Participated in Faculty Orientation Programme titled “Soaring like Eagles – Leadership Matters” organised by St. Anthony’s College on 5th May 2017
- Participated in a Faculty Orientation Programme of the College on 20th April 2018 organised by IQAC Cell of St. Anthony’s College, Shillong. The resource persons

were Prof. S. M. Sungoh, Dean of School of Education, NEHU and Dr. A. N. Rai, former Director of NAAC, as well as former VC of NEHU

Seminars:

- Participated in a one day Seminar on Youth Development 6th June 2013 held in St. Mary's College, Shillong

Women Cell of St. Anthony's College:

- Attended a Panel Discussion on "Partners in Women's Empowerment, Issues and Challenges" held in the College on 31st March 2014
- Attended a Workshop on "Sensitisation – Awareness – Motivation" for Empowering Female Domestic Workers held on 4th to 8th May 2015 organised by the Women's Cell of St. Anthony's College
- Represented the College Women's Cell by participating in a three-day Workshop on Protection of Women against Domestic Violence (PWDVA) organised by National Institute of Public and Child Protection (NIPCCD), an autonomous organisation, under the Ministry of Women and Child Development, Govt. of India), Regional Centre, Guwahati on 21st – 23rd September 2016