Ibanroilin Nongrum

Assistant Professor
Department of Computer Science
St. Anthony's College, Shillong
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EDUCATION

- Master Degree (MSc) in Computer Science, *Bishop Heber College, Trichy, Tamil Nadu*
- Bachelor Degree (BSc) in Computer Science, *St. Anthony's College, Shillong, Meghalaya*

RESEARCH INTERESTS

- Databases
- Human-computer interaction
- Artificial Intelligence & Machine Learning
- Programming languages

ACHIEVEMENTS AND AWARDS

- Cleared UGC NET Exam July 2018
- RedHat Certified Engineer, qualified as instructor, 19th January, 2009, Red Hat Inc.
- Proctor for IIM CAT 2009, conducted by Prometric in partnership with NIIT
- Desktop Publishing (DTP), year of completion in 2002

PROFESSIONAL EXPERIENCE

2007 – 2008: *Asst. Professor,* St. Mary's College
Asst. Professor, Shillong College

19th May 2008 – present: *Asst. Professor,* St. Anthony's College

2008 – 2009: Adjunct faculty in Department of Mass Media, St. Anthony's College

CONFERENCES, WORKSHOPS & SEMINARS (ATTENDED)

2019

- Workshop on "Artificial Intelligence, Robotics and Machine Learning", 22 - 26 February 2019 at IIT Guwahati, organized by AICTE Training and Learning (ATAL)Academy, Guwahati

2018

- 4th National Conference on Emerging Trends and Applications in Computer Science (NCETACS 2018), 14-15th September 2018, organized by Department of Computer Science, St. Anthony's College Shillong

- Residential Workshop on "Promoting Resiliency Skills of College Students – A programme on helping and Mentoring", 25-28 April 2018, organized by Siloam and St. Anthony's College Shillong at Siloam Transformational Resource Centre

- Capacity Building Programme for government employees and teaching faculty of various institutions on e-Waste Management, 23rd – 25th March 2018, organised by NIELIT, Kolkata under Ministry of Electronics and Information Technology (MeitY), Govt. of India

2017

- Workshop on "Creation and Promotion of Online Teaching Resources: A National Initiative", 5th June 2017, National Institute of Technology, Meghalaya

- Workshop on "Creation and Promotion of Online Teaching Resources: A National Initiative", 5th June 2017, organized by National Institute of Technology, Meghalaya.

- Workshop on "Inclusive Education", 23rd September 2017, organized by RAISE NE in collaboration with RUSA Cell of St. Anthony's College, Shillong

2016

- SCTechZest – A talk on "Cyber Security and Cyber Fraud" by Dr. H. Chowdhury, Cotton University, Assam, 10th September 2016, Department of Computer Science and Applications, Shillong College

- National Seminar on "E-Governance, Cyber Crimes, Cyber Security and Cyber Laws: Contemporary Issues and Challenges", 29th April 2016, Organized jointly by Department of Law, NEHU and NEC, Ministry of Development of North-Eastern Region Government of Meghalaya

- Capability Building Workshop, 6th – 13th June 2016, organized by Centre for Education Beyond Curriculum (CEDBEC),Christ University, Bengaluru

- Seminar on "Mind Education", 20th May 2016, organised by International Mind Education Institute

2015

- National seminar on "Innovative Strategies: A Roadmap for Upliftment of Teaching Learning and Evaluation in Higher Education", 22nd – 23rd Sept, 2015, IQAC, St. Mary's College, Shillong

- National seminar on "Security Issues in Cloud and Machine to Machine Communication", 27th – 28th August, 2015, Department of Computer Science, St. Anthony's College and Department of Computer Science and Engineering, National Institute of Technology

- Debate on Digital India Week – Inter College Debate Competition, 6th July, 2015, BSNL, MEGHALAYA in collaboration with St. Anthony's College

- Workshop on Mobile Telephony: Digital Inclusion & Health Aspects, 2nd July, 2015, Department of Information Technology, Govt. of Meghalaya and supported by Cellular Operators' Association of India (COAI) & Towers and Infrastructure Providers' Association (TAIPA) at State Convention Centre, Shillong

- Workshop on "Sensitisation – Awareness – Motivation" for Empowering Female Domestic Workers, 4th to 8th May 2015, Under the aegis of the Women's Cell of St. Anthony's College

2014

- National Seminar on "Emerging Trends in Advanced Networking and Cloud Computing" 31st October – 1st November, 2014 organized by the Department of Computer Science, Shillong College

- National Seminar on "Towards Standardizing Khasi for Computational Purposes", 28 – 29 October, 2014 organized by the departments of Computer Science and Khasi, St. Anthony's College

- "Research Capability Enhancement", 23rd August, 2014, Faculty Development Programme, Research Cell under the aegis of the IQAC, St. Anthony's College

- Seminar on "Partners in Women's Empowerment, Issues and Challenges", 31st March, 2014 organized by Women Cell, St. Anthony's College

2013

- 1st International Conference on Emerging Trends and Applications in Computer Science, 13-14th September, 2013 organised by Department of Computer Science, St. Anthony's College

- Seminar on "Procedures of Evaluation" 16th November, 2013 organized by MCTA Unit, St. Anthony's College

- Seminar on "Reconceptualization of Education and Reconstruction of Pedagogy for 21st Century" 16th February, 2013, St. Anthony's College; Resource Person was Fr. Paul Pudussery, csc., Ph. D.

2012

- 3rd National Conference on Emerging Trends and Applications in Computer Science 30-31st March, 2012, SAC

- Seminar on "Question Paper Setting" 19th November, 2012, MCTA St. Anthony's College

- Seminar on "Cyber World and its Challenges"25th September, 2012, organized by Department of Computer Science, Lady Keane College

- Participated as an Organizing Team Member in the 3rd National Conference on Emerging Trends and Applications in Computer Science, held on 30th and 31st of March 2012, which was Technically Sponsored by IEEE.

- Participated in a one-day workshop on Question Paper Setting organized by the MCTA Unit of the college on 19th November 2012.

2011

- 2nd National Conference on Emerging Trends and Applications in Computer Science 4 – 5th March, 2011, Technically Sponsored by IEEE, organised by Department of Computer Science, St. Anthony's College

- 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.

2010

- National Workshop on SCILAB, 20 – 24th December, 2010, organized at SPIT, Mumbai. (Workshop funded by NMEICT, MHRD through IIT Bombay)

- Workshop on "Embedded Systems", 12-13th November, 2010, organized by the Department of Computer Science St. Anthony's College in collaboration with IIT, Guwahati

- National Conference on Emerging Trends and Applications in Computer Science 9th – 10th April, 2010, St. Anthony's College

2009

- Workshop on Free and Open Source Software (FOSS), 13 – 14th November 2009, organized by the Department of Computer Science in partnership with Meghalaya Information Technology Society & Red Hat India Pvt. Ltd.

- Workshop on "BOSS – Bharat Operating System Solutions" 23rd October, 2009, organized by C-DAC Kolkata

- UGC Sponsored Workshop on "Examination Reforms", 9th September 2009, St. Anthony's College

2004

- Workshop on "Stills and Motions" 3-5th September, 2004, IIT Guwahati, Assam

- Workshop on "Bio Informatics" 3-5th September, 2004, IIT Guwahati, Assam

TUTORIALS & INVITED TALKS (ATTENDED)

- Invited Talk by Dr. S. B. Nair on "Immuno-Inspirations", Silver Jubilee Celebration Closing Ceremony of the Department, 26th August 2017

- Invited talk on "Soaring like Eagles – Leadership Matters" – Mr. Godfrey, 5th May 2017, organized by St. Anthony's College

- Invited Talk on "Information Security" by Dr. Frank B. Brokken, University of Groningen, Netherlands, 29th March 2017, organized by Department of Computer Science, St. Anthony's College

- Invited Talk on "Business Intelligence" by Dr. Basav Roychoudhury, IIM Shillong, Meghalaya, 18th April 2016, organized by Department of Computer Science, St. Anthony's College

- Tutorial on Moodle, 18th May 2016, organised by Department of Computer Science, St. Anthony's College

- Tutorial on "Sentiment Analysis" 12th September, 2013 , St. Anthony's College

- Invited Lecture on " Introduction to Yii and Other Development Frameworks", 13th April 2013, Mr. Gordon Nongkynrih, Senior Design Engineer, National Institute Electronics L and Information Technology (NIELIT), Itanagar

- Tutorial on "Bio-Inspired Artificial Intelligence" which was given by Dr. Shivashankar B. Nair, Dept. of Computer Science, IIT, Guwahati, 29th March, 2012, St. Anthony's College

- Tutorial on "Natural Language Processing" – 3rd March, 2011, St. Anthony's College

ORIENTATION & OTHER PROGRAMMES (ATTENDED)

- Staff orientation Programme, 23rd April 2019, St. Anthony's College Shillong

- IIT Bombay Spoken Tutorial (SELF) on Python course (October 2018)

- Staff Orientation Programme, 20th April 2018, organised under the aegis of the IQAC Cell of St. Anthony's College Shillong. Resource Persons: Prof. A. N. Rai, Dept of Biochemistry NEHU on the topic "How to improve the human face of teaching" and Prof. S. M. Sungoh, Dept of Education, NEHU on the topic "Problems and Challenges of Effective Teaching"

- Inter Class Seminar Competition on "Recent Trends in Computer Applications" for 1st, 3rd and 5th Semester BSc Computer Science, 26th July 2017, organised by the Department of Computer Science. Inter Class Seminar Competition

- Summer School, 19th June 2017 – 9th July 2017, UGC HRDC NEHU

- Tutorial on Cyber Security and Ethical Hacking, 17th June 2017, by Arjun Chetry, NEPA organised by Department of Computer Science, St. Anthony's College

- Orientation for the Faculty of the College on the topic "Soaring like Eagles – Leadership Matters" by Mr. Godfrey, 5th May 2017, organised by the College held in the Conference Hall

- MCA Alumni Meet 2015, 2nd May, 2015

- Indian Chamber of Commerce in-collaboration with North East Council Ministry of DoNER, Govt. of India and Dept. of Commerce and Industries, Govt. of Meghalaya, 27th February 2015, at Hotel Pinewood, Convention Centre, Shillong

- 30th Orientation Programme, 29th Jan - 25th Feb 2015, organized HRDC NEHU

- "Research Capability Enhancement", 23rd August, 2014, Faculty Development Programme, Research Cell under the aegis of the IQAC, St. Anthony's College

- Staff Development Programme on "Re-Conceptualization Education and Reconstruction of Pedagogy for 21st century", 16th February 2013, organized by Internal Quality Assurance Cell

- Workshop on Team Building 23rd March, 2013, St. Anthony's College, Siloam

- One-day outreach programme on Public Key Infrastructure, organized by the department in-collaboration with C-DAC Mumbai, 2009

CONFERENCES, WORKSHOPS, SEMINARS & OTHERS (ORGANISED)

Organizing member

- Farewell programme for 6th Semester students, 29th April 2019, organised by SACSAA

- Annual General Meet of SACSAA on 24th November 2018

- 4th National Conference on Emerging Trends and Applications in Computer Science (NCETACS 2018), 14-15th September 2018

- Farewell programme for 6th Semester students, 29th April 2018, organised by SACSAA

- Inter School Quiz Competition, 12th May 2017

- Food Fest cum Games held in the College participated by students and staff of the department on 10th November,2016

- Annual General Meeting, 5th December, 2015

- International Conference on "Water Resource Management in the Eastern Himalayan Region" (ICWRM), 4th – 5th November 2015, organized by Department of Zoology

- National Workshop on Security Issues in Cloud and Machine to Machine Communication organized by Department of Computer Science, St.Anthony's College and Department of Computer Science and Engineering, National Institute of Technology Meghalaya - August 27th and 28th 2015

- DIGITAL INDIA WEEK 2015INTER-COLLEGE DEBATE COMPETITION Organized by BSNL, MEGHALAYA in collaboration with St. Anthony's College, Shillong - TOPIC: "VISION OF DIGITAL INDIA – BOON OR BANE" – 6th July, 2015

- Workshop on "Sensitisation – Awareness – Motivation" for Empowering Female Domestic Workers held by the Women's Cell of St. Anthony's College (4th – 8th May, 2015)

- National Seminar on "Towards Standardizing Khasi for Computational Purposes"28 – 29 October, 2014 organized by the departments of Computer Science and Khasi, St. Anthony's College

- "Partners in Women's Empowerment, Issues and Challenges", 31st March, 2014 organized by Women Cell, St. Anthony's College

- 1st International Conference on Emerging Trends and Applications in Computer Science, 13-14th September, 2013

- 3rd National Conference on Emerging Trends and Applications in Computer Science 30-31st March, 2012

- 2nd National Conference on Emerging Trends and Applications in Computer Science 4 – 5th March, 2011, SAC

- Event Organising Team Member for MEGHABYTES-2011, Meghalaya IT Summit on "Community Empowerment in North-East India through ICT" held from 8th to 10th September, 2011

- Workshop on "Embedded Systems" 12-13th November, 2010, St. Anthony's College

- National Conference on Emerging Trends and Applications in Computer Science 9th – 10th April, 2010, SAC

- Workshop on Free and Open Source Software 13 – 14th November, 2009, conducted by RedHat Linux India Pvt. Ltd.

- Workshop on "BOSS – Bharat Operating System Solutions" 23rd October, 2009, organized by C-DAC Kolkata

CONSULTANCY PROVIDED

- MOSAIC – Layout member (2009 – present)

- Layout of College Handbook (2013 – present)

- Proofreading for "Ezine" – An e-Magazine of Department of Computer Science (2017)

- Layout of Abstract for International Conference on Water Resource Management in the East Himalayan Region, Department of Zoology (2015)

- Layout of College Newsletter (2014)

- Layout of the NCETACS 2010 – 2012 proceedings.

- Layout of UG and PG Prospectus (2013)

- Layout of the ICETACS 2013 proceedings.

- Taken PageMaker classes for UGC Career Oriented Course (DTP) (2009 – 13)

- Invigilator for UPSC and SSC (2012-2013) examinations

- Taken classes for RHCE course (2009 – 12)

- Taken classes for "Introduction to IT" course – a 1 month course (2009 - 2012)

- Conducted 1 month Page-Maker Certified Course (2011 & 2012)

- Invigilator for CAT examination 2009

- Layout and Design of Course Brochure for RHCE, OCA and CCNA (2009)

- Conducted classes for UGC Career oriented course – E commerce course (2009)

- Layout and design of FAEA certificate (2008 – 09)

- Volunteered in the Charity Event, *Food Fest,* 21st November 2015, organized by Women Cell of St. Anthony's College, Shillong

OTHER RESPONSIBILITIES & MEMBERSHIP

- Interview panel member for MCA (2018)

- Interview panel member for PGDCA

- BUGS Member since 2014

- Executive Member of SACSAA since 2012

- Coordinator of RHCE course (2011 – 12)

- Coordinator of UGC Career Oriented Course (DTP) (2012 – 13)

- Committee Member – BOOT FETE – a State Level Techno Fest 6th October, 2006, Trichy, Tamil Nadu

- Volunteer at BOOT FETE 2KS State Level Technical Symposium 1st October, 2005, Trichy, Tamil Nadu