i.   Name   **Br. Albert Longley Dkhar, SDB**

ii.   Date of birth   22-10-1972

iii.   Unique ID   1-470086477

iv.   Educational Qualifications   M.A. M.Ed., PhD

v.   Work Experience

- Teaching   23 years

- Research   5 years

- Industry   No

- Others   10 years

vi.   Area of Specialization   Education

vii.   Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate

Diploma Level

viii.   Research guidance

- No. of papers published in National / International Journals / Conferences : 7

- Masters   Nil

- Ph.D   Nil

ix.   Project carried out   2

x.   Patents   Nil

xi.   Technology Transfer   Nil

xii.   Research Publications   7

xiii.   No. of books published with details   Nil

i)   Name: **Dr. Anjan Das**

ii)   Date of Birth: 07/01/2972

iii)   Unique ID: 1-470154551

iv)   Educational Qualification: Ph.D (Computer Science)

v)   Work experience:

- Teaching: 20 years

- Research: Ph.D(7 years), Project(2 years)

vi)   Areas of specialization: Data Mining

vii)   Courses taught:

Computer Graphics, Design and Analysis of Algorithms, Data Mining

viii)   Research guidance

- No of papers published: 24

- Master: 30

- PhD: 2

ix)   Project Carried out: 1(Minor project) funded by UGC

x)   Patents: None

i.   Name   **(Fr.) JOBY JOSEPH SDB**

ii.   Date of birth   30-09-1970

iii. Unique ID   1-470086465

iv.   Educational Qualifications   Ph.D

v.   Work Experience

- Teaching   9 years

- Research   5 years

- Industry   2 years

vi.   Area of Specialization   Cloud Computing, Event Driven Architecture

vii. Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate

      C Programming, Data Structures in C

viii. Research guidance

- No. of papers published in National / International Journals / Conferences : 7

- Masters   5

- Ph.D   Nil

ix.   Project carried out   1

x.   Patents   Nil

xi.   Technology Transfer   Nil

xii. Research Publications   7

xiii. No. of books published with details   Nil

i. Name : **PROBIDITA ROYCHOUDHURY**

ii. Date of Birth: **02/12/1975**

iii. Unique ID: 1-470154555

iv. Educational Qualification

Degree / Certificate	Name of the Board / University	Division / Class / Grade	Subject (s)
Class X	SEBA	I	
Class XII	AHSEC	I	Science
BSc	Gauhati University	I	Statistics(H), Economics, Mathematics
MCA	Tezpur University	I	Computer Applications
Post Graduate Diploma in E Learning	IGNOU	I (Gold Medal)	E-Learning
PhD (submitted)	NIT Meghalaya		Topic: Group-based Authentication Schemes for Machine to Machine Communication

v. Area of Specialization

- IoT security
- Mobile Computing
- Databases
- E-Learning

vi. Courses taught at Diploma/Post Diploma/ Undergraduate/ Post Graduate/ Post Graduate Diploma Level :

- Artificial Intelligence
- Computer Organization and Architecture
- Computer Networks
- Compiler Design
- Programming in Java
- Programming in VB.NET

- Database Management System

- System Analysis and Design

- Programming in C

vii. Research Guidance

  o No. of papers published in National/International Journals/ Conferences

    ▪ International Journals : 4

    ▪ International Conference : 3

  o Master : 20

  o Ph. D. : NIL

viii. Projects carried out: NIL

ix. Patents: NIL

x. Technology Transfer: NIL

xi. Research Publications:

International Journals

- Probidita Roychoudhury, Basav Roychoudhury, Dilip Kumar Saikia, *Provably secure group authentication and key agreement for machine type communication using Chebyshev's polynomial*, Computer Communications, Volume 127,2018,Pages 146-157,ISSN 0140-3664, https://doi.org/10.1016/j.comcom.2018.06.005. [Indexing: SCIE,Scopus; Impact Factor : 2.613]
- Probidita Roychoudhury, Basav Roychoudhury, and Dilip Kumar Saikia, "*Hierarchical Group Based Mutual Authentication and Key Agreement for Machine Type Communication in LTE and Future 5G Networks,*" Security and Communication Networks, vol. 2017, Article ID 1701243, 21 pages, 2017. doi:10.1155/2017/1701243 [Indexing : SCIE,Scopus; Impact Factor : 1.067 (2016-17)]
- Probidita Roychoudhury, *Challenges in future 5G networks and some potential solutions : A survey*, Spectrum – Science and Technology, Vol 3, 2016, ISSN 2349 2937
- Probidita Roychoudhury, Anjan Das, "*e-Waste: E for Eradicate*", Vol 1, Spectrum 2009

International Conferences

- P. Roychoudhury, B. Roychoudhury and D. K. Saikia, *A group-based authentication scheme for vehicular Moving Networks*, 2016 International Conference on Accessibility to Digital World (ICADW), Guwahati, 2016, pp. 93-96. doi: 10.1109/ICADW.2016.7942519
- Probidita Roychoudhury, Basav Roychoudhury, *Group-based Mutual Authentication Protocol for MTC over LTE: A Survey*, Proceedings of International Conference on Computing and Communication Systems, Publisher: IGI Global, USA, 9th April 2015

Book Chapters

- Probidita Roychoudhury, *Web 2.0: toolbox for tomorrows classrooms*, "Reasserting Basic Sciences",

xii.   Number of books published with details: 1

- Basav Roychoudhury, Probidita Roychoudhury, *Computer Science and Application for Class 10, MBOSE*,
- Evergreen Publications (India) Ltd., New Delhi, ISBN: 81-7313-662-9

i.	Name	Medari Janai Tham
ii.	Date of Birth	28 April 1978
iii.	Unique ID	1-470086449
iv.	Educational Qualification	MCA
v.	Work Experience	

- Teaching — 17 years
- Research — 8 years

| vi. | Area of Specialization | Natural Language Processing |
| vii. | Courses Taught | |

- Post Graduate
  - Object Oriented Programming and Design
  - Programming through Java
  - Operating System
  - Data Structures
  - Theory of Computation

- Post Graduate Diploma Level
  - System Analysis and Design
  - Foxpro Programming
  - Personal Computing Software

- Diploma
  - Programming and Problem Solving Through C

viii. Project Carried Out

UGC Minor Project on Part-of-Speech Tagger for Khasi:
Duration: 2015-2017 (24 months)
Reference No. F.5-123/2014-15/MRP/NERO/1860

ix. Research Publications:

i. Tham, M.J (2018): **Khasi Shallow Parser. Proceedings of ICON2018:** 15th International Conference on Natural Language Processing. Punjabi University, Patiala India. 15-18 December, 2018. pp. 43-49. Organised by Natural Language Processing Association India (NLPAI), IIIT Hyderabad, Punjabi University, and Linguistic Data Consortium for Indian Languages (LDC-IL).

ii. Tham, M.J (2018): **Challenges and Issues in Developing an Annotated Corpus and HMM POS Tagger for Khasi. Proceedings of ICON2018:** 15th International Conference on Natural Language Processing. Punjabi University, Patiala India. pp. 10-19. 15-18 December, 2018. Organised by Natural Language Processing Association India

(NLPAI), IIIT Hyderabad, Punjabi University, and Linguistic Data Consortium for Indian Languages (LDC-IL).

iii. Tham, M.J (2015) : '**Experimental Observations on applying BIS standard annotation to Khasi language"** Proceedings of the International Conference on Computing and Communication Systems , I3CS'15, ISBN: 978-1-4799-5857-01, pp. 157-159; Information Technology Dept., NEHU, Shillong, 9-10th April, 2015

iv. Tham, M.J (2013): '**Preliminary Investigation Of a Morphological Analyzer and Generator for Khasi'** Proceedings of the 1st International Conference on Emerging Trends and Applications in Computer Science (Technically sponsored by IEEE), ISBN: 978-1-4673-5249-9, pp. 256-259; Dept. of Computer Science, St. Anthony's College, Shillong, 13-14th September, 2013

v. Tham M.J, (2012): **'Proposed Finite State Morphological Analysis for Nouns and Verbs in Khasi',** paper presented in the National Conference of the 34th All India Conference of Linguists, NEHU, Shillong. 1st -3rd November, 2012

vi. Tham, M.J, (2012): **'Design Considerations for developing a Part-of-Speech Tagset for Khasi**', Proceedings of the 3rd National Conference on Emerging Trends and Applications in Computer Science (Technically sponsored by IEEE), ISBN: 978-1-4577-0747-6, pp. 277-279; Dept. of Computer Science, St. Anthony's College, Shillong, 30-31st March, 2012

vii. Tham, M.J, (2011): '**Natural Language Processing (NLP): A means for human-computer interaction using the Khasi language'**, paper presented in National seminar on ICT in Education, NEHU, Shillong, 13th-15th September,2011

• Chapter in Edited Book	i.	Natural Language Processing (NLP): A means for human-computer interaction using the Khasi language, ICT in Education, Volume 1, Edited by Brinda Bazely, EBH Publishers, ISBN :978-93-80261-91-1; pp.45-50
x. No. of books published with details	1.	Ka Grammar Khasi: Da ka Jingdro. Macmillan Education, India. 2018 ISBN: 978-93-88296-32-8

i. Name AIUSHA V. HUJON

ii. Date of birth 27-04-1977

iii. Unique ID 1-470154563

iv. Educational Qualifications M. Sc. (Computer Science)

v. Work Experience

- Teaching 18 years

- Research 2 years

- Industry Nil

vi. Area of Specialization Compiler Design

vii. Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate

Compiler Design, Theory of Computation, Software Engineering

viii. Research guidance

- No. of papers published in National / International Journals / Conferences : 5

- Masters: 20

- Ph.D: Nil

ix. Project carried out Nil

x. Patents Nil

xi. Technology Transfer Nil

xii. Research Publications 5

xiii. No. of books published with details Nil

Name: **Kesterlee Lamphrang Syiemiong**

Date of Birth: 13-03-1980

Unique ID: 1-470154579

Educational Qualifications: M.Sc (Computer Science), NET
qualified

Work Experience:

- Teaching: 15 years
- Research: Nil
- Industry: Nil
- Others: Nil

Area of Specialization: Web Programming, Internet Technologies

Courses Taught: Operating Systems, Web Programming, Internet
Technologies, Graphic Design

Research Guidance:

No of papers published in National/International Journals/Conferences: Nil

Master: 20

Ph.D: Nil

Project Carried Out: *"A Detailed Survey, Analysis on the quality of IT Education in the Rural and Urban Schools of East Khasi Hills of Meghalaya and Composition of Video Tutorials in English and Khasi to improve imparting Computer Lessons to students"* (UGC Minor Project-Completed)

Patents: Nil

Technology Transfer: Nil

Research Publications: Nil

No. of books published with details: NIL

i.   Name   *Ibanroilin Nongrum*

ii.   Date of birth   *17-09-1984*

iii. Unique ID   1-470154583

iv.   Educational Qualifications   *MSc (Computer Science)*

v.   Work Experience

- Teaching   *10 years*

- Research   Nil

- Industry   Nil

vi.   Area of Specialization   Database, Networking, Artificial Intelligence

vii. Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate

Diploma Level   *Database Management Systems, Networking (practical), System*

Programming

viii. Research guidance

- No. of papers published in National / International Journals / Conferences : Nil

- Masters   15

- Ph.D   Nil

ix.   Project carried out   Nil

x.   Patents   Nil

xi.   Technology Transfer   Nil

xii. Research Publications   Nil

xiii. No. of books published with details   Nil

i. Name: POLYNIA VARNI KHARBULI

ii. Date of birth: 12-10-1986

iii. Unique ID: 1-772291768

iv. Educational Qualifications:

- MCA, North Eastern Hill University (NEHU)

- BSc. Computer Science, North Eastern Hill University (NEHU)

- NET (JRF), UGC

v. Work Experience

- Teaching: 7 years

- Research: Nil

- Industry: Nil

- Others: Nil

vi. Area of Specialization: Computer Networks, Database Management Systems, Programming Languages

vii. Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma Level

- **Post Graduate Level: Master in Computer Applications (from 2011 onwards)**

    1) MCA 3rd Semester: GUI Programming using VB.NET (Theory and Practical)

    2) MCA 4th Semester: Oracle (Theory and Practical)

    3) MCA 4th Semester (2014): Software Engineering

    4) MCA 2nd Semester (2015): Data Structures using C++ (Theory and Practical)

    5) MCA 5th Semester (2015): Compiler Design (Practical)

- **Post Graduate Diploma Level: Post Graduate Diploma in Computer Applications (PGDCA) from August 2012- December 2017 -** Problem Solving & Programming Using C (Theory and Practical)

viii. Research guidance

- No. of papers published in National / International Journals / Conferences :

- Masters:

    o MCA (Major Project) - 16

    o MCA (Minor Project) - 15

    o Post Graduate Diploma in Computer Applications (PGDCA) - 16

- Ph.D :   Nil

ix. Project carried out: Nil

x. Patents: Nil

xi. Technology Transfer: Nil

xii. Research Publications: 1

- International Journal:

    Authors: **Polynia V. Kharbuli, Amina Sultana**

    Title of Paper: "A Comparative Study on the Generations of Mobile Wireless Telephony: 1G – 5G"

    Name of Journal: Journal of Emerging Technologies and Innovative Research (An International Open Access Journal & UGC Approved), Volume 5(9), Pg. 326-332;

    ISSN: 2349-5162

    Date Published: 10th September 2018

    DOI: http://doi.one/10.1729/Journal.18303

xiii. No. of books published with details: Nil