

PROFILE

1. Name : **CHABUNGBAM MANGI KHUMAN**
2. Designation : *Assistant Professor in Geology
Nagaland University, Kohima Campus
Meriema, Pin-797001*
3. Date of Joining : *23rd September, 2013*
4. Email ID : *mangikhuman@yahoo.com*
mangikhuman@nagalanduniversity.ac.in
5. Contact Number : *+919436284122*
6. Educational Qualifications :
 - i) *M.Sc. Geology (Manipur University)*
 - ii) *NET and UGC-JRF (at any one given time basis scheme)*
 - iii) *PhD on the thesis of “Petrological and geochemical studies of the Ophiolite belt in parts of Chandel and Ukhrul Districts, Manipur and their tectonic significance” awarded by the Manipur University*
7. Area of Specialization : *Igneous Petrology, Geochemistry & Geotectonics*
8. Academic & Research Contribution

PUBLICATIONS

A. Peered Reviewed:

- i) **Ch.Mangi Khuman, and Soibam, I., 2010. Ophiolite of Manipur - its field setting and petrotectonic significance. *Memoir Geological Society of India*, 75, 255-290.**
- ii) **Soibam, I., and Ch.Mangi Khuman,, 2011. Basic Rocks of Manipur Ophiolite in the Indo-Myanmar Hill Ranges, NE india and the Petrotectonic Significance. *Journal of Nepal Geological Society*, 43 (special issue), 13-28.**
- iii) **Ch.Mangi Khuman, Soibam, I. and Romendro L., 2014. Major Oxide Geochemistry of Diabasic Rocks of Manipur Ophiolite, Northeast India and its Implication on Alkalic Basalt Lineage and Transition to Tholeiite Character. In: Srivastava K.L.and Arunkumar(Eds.), *Geo-Resources*, Scientific Publishers, New Delhi, 17-26.**
- iv) **Ch.Mangi Khuman, Romendro L. and Soibam, I., 2015. Rocks and Landforms of Manipur: An Insight into the Origin and Evolution. In: N. Sharat Singh and Md. Abdul Latif (eds.), *Understanding Multidisciplinary Research Works*. Reliable Books Centre, Imphal, 122-143.**

- v) Soibam, I., **Ch.Mangi Khuman** and Subhamenon M., **2015. Ophiolitic rocks of the Indo-Myanmar Ranges, Northeast India: relics of an inverted and tectonically imbricated hyper-extended continental margin basin.** Geological Society of London, Special Publications, **413**, 301-331.
- vi) Singh,A.K., Khogenkumar S., Romendro Singh L., Bikramaditya R.K., **Ch.Mangi Khuman**, And Thakur, S.S, **2016. Evidence of Mid-ocean ridge and shallow subduction forearc magmatism in Nagaland-Manipur Ophiolite, Northeast India: constraints from mineralogy and geochemistry of mafic dykes.** Chemie der Erde (Elsevier), **76**, 605-620.
- vii) L. Romendro Singh, **Ch. Mangi Khuman** and Soibam Ibotombi, **2017. Petrographic and geochemical studies of ultramafic rocks of the Ophiolite Belt in Manipur, North-East India.** Journal of Applied Geochemistry, **19(4)**, 437-450.
- viii) **Ch. Mangi Khuman**, Soibam Ibotombi, E. Ranjatkumar Singh and L. Romendro Singh, **2017. Geological and Geochemical Fingerprints in Revealing the Stratigraphic Sequence of the Tectonically Jumbled Ophiolite Melange Zone in Manipur, North-East India and Their Implications on the Ancient Oceanic Environment, India.** Journal of Applied Geochemistry, **19(4)**, 423-436.
- ix) Rajkumar Hemanta Singh, Khaidem Kumar Singh, **Ch. Mangi Khuman**, Soibam Ibotombi, **(In Press). Ichnological Significance of Upper Disang Formation and Lower Barail Formation (Late Eocene to Early Oligocene) of Nagaland, Northeast India, in the Indo-Myanmar Ranges.** Journal of the Geological Society of India.

B) Other Articles

- i) **The birth of the earth**, *Freedom (Imphal)*, August, **1995**.
- ii) **Environmental Studies in Manipur University-Is Ecology Imbalanced?** *In: Freedom of Expression (Imphal)*, Vol. II, **1995**.
- iii) **Geological and Tectonic Setting of Manipur: Implications on the Tectonics of Indo-Myanmar Ranges.** *In: Souvenir volume of the National Seminar on Indo-Myanmar Ranges in the Tectonic Framework of the Himalayas and Southeast Asia (Manipur University)*, Nov. 27-29, **2008**.
- iv) **Manipur: Its Graceful Contours and the Geological Features.** *In: Souvenir volume of the National Seminar on Indo-Myanmar Ranges in the Tectonic Framework of the Himalayas and Southeast Asia (Manipur University)*, Nov. 27-29, **2008**.
- v) **Indo-Myanmar Range: Sedimentary Basin of Continental Margin.** *In: Souvenir Volume of the National Conference on Sedimentation and Tectonics with special reference to Energy Resources of North-East India (Manipur University)*, Nov. 28-30, **2013**.

AWARD/PRIZE

- i) **Best Poster Presentation Award**, *105th Indian Science Congress (non young scientists' category)*, **2018**.

TRAINING PROGRAMMES ATTENDED

- i) **Regional Training Workshop** of Master Trainers on Explaining Science behind Miracles conducted by *Science Education Centre, NEHU (23-27 March, 1993)*
- ii) **Short Term Course** on Applied Geomorphology using Remote Sensing Techniques with special reference to seismicity *sponsored by DST, New Delhi and conducted by the Manipur University (14-19 April, 1997)*
- iii) **Two and half months course on** Aerial Photo Interpretation and Remote Sensing in Geology *at the Geological Survey of India Training Institute, Hyderabad (3 July-12 September, 1997)*
- iv) **Two weeks course on** Digital Image Analysis in the Field of **Remote Sensing Technology** *at the Regional Remote Sensing Service Centre, Bangalore (15-26 September, 1997)*
- v) *DST, New Delhi sponsored* **Contact Course cum Field Workshop** on Physical Stratigraphy and Palaeobiology for young Earth Scientists in NE India *at Nagaland University (10-30 Jan. 2000)*
- vi) **Regional Workshop on** X-Ray Fluorescence: Procedures and Applications *at Gauhati University (10-13 Nov. 2003)*
- vii) **Thematic Orientation Workshop on Trace Element analysis and Radiological Sciences** *organized by Manipur University and UGC-DAE Consortium for Scientific Research, Kolkata Centre at Manipur University, 12-14 March, 2013.*

REFRESHER AND ORIENTATION COURSES

- i) *UGC sponsored* **Refresher Course in Earth Sciences (Geology)** *at the Department of Earth Sciences, Manipur University, Imphal, 28 Nov.- 18 Dec., 2003.*
- ii) *UGC sponsored* **Refresher Course in Earth Sciences (Geology)** *at the Academic Staff College, Manipur University, Imphal, 17 Feb. - 8 March., 2014.*
- iii) *UGC sponsored* **Orientation Programme** *at the Academic staff College, Manipur University, Imphal, 19 Jan. - 17 Feb., 2015.*
- iv) *INSA sponsored* **Refresher Course in Mineralogy, Thermodynamics, Petrology, Structural Geology and Ore Geology** *at the Department of Geology, Mizoram University, Aizawl, 17-30, September, 2018.*

REGIONAL/NATIONAL/ INTERNATIONAL SEMINARS

- i) **Studies of Landslides in National Highway No. 39, From Imphal to Mao- a report on preliminary survey (Abstract)**, *3rd Manipur Science Congress, Imphal, 1991.*
- ii) **Plate Kinematics in and around Manipur and its tectonic implications (Abstract)**, *10th Manipur Science Congress, Imphal, 2000.*
- iii) **Ophiolite of Manipur - an active continental margin ophiolite in the tectonic framework of the Indo-Myanmar Ranges (Ab; As101213L)**, *33rd International Geological Congress (IGC), Oslo, Norway, August 6-14, 2008.*
- iv) **Spinel lherzolite source of the residual lherzolite and harzburgite ultramafics of Manipur Ophiolite Complex (Ab; IMR08-AE 14)**, *Seminar on Indo-Myanmar Ranges in the Tectonic Framework of the Himalaya and Southeast Asia at Manipur University, Imphal, 27-29, November, 2008.*

- v) **Serpentinisation of the ultramafics of the Ophiolite belt in Manipur and its implications on the tectonics of Indo-Myanmar Hill Ranges** (Abstract). *National Seminar on 'Geodynamics, Sedimentation and Biotic Response in the context of India-Asia Collision, Mizoram University, 26-28, November, 2009.*
- vi) **Field Characteristics and Petrography of Exotic Sandstones of Manipur Ophiolite Mélange Zone and Implications on Crustal Evolution** (Abstract). *National Seminar on Sedimentation, Tectonics and Hydrocarbon Potential of Himalayan Foreland Basin, Jammu University, 22-23, February, 2010.*
- vii) **Basic rocks of Manipur Ophiolite in the Indo-Myanmar Hill Ranges, NE India and the petrotectonic significance** (Abstract). *6th Nepal Geological Congress on Geology, Natural Resources, Infrastructures, Climate Change and Natural Disasters, 15-17, November, 2010.*
- viii) **The Pillow Lavas and the Kindred Volcanoclastic Sediments of Manipur Ophiolite and Their Implications on Physical and Palaeo Environment of the Indo-Myanmar Basin** (Abstract). *National Conference on Sedimentation and Tectonics with special reference to Energy Resources of North-East India at Manipur University, Imphal, 28-30, November, 2013.*
- ix) **Spilitic Carbonatites and Kindred Volcanoclastic Sediments of Manipur Ophiolite Mélange Zone and Their Implications on Geologic Environment of Pillow Lava Extrusion** (Abstract). *National Seminar on Geology, Tectonics, Geo-Hazards and Natural Resources of North East India at Panchhunga University College, Mizoram University, Aizawl, 3-4 November, 2014.*
- x) **Rapporteur of a technical session of the National Seminar on "Geology, Tectonics and Natural Resources of North East India" during 3-4, November, 2014 at the Panchhunga University College, Aizawl.**
- xi) **Volcanic Rocks and Kindred Sediments of the Ophiolite Belt of Indo-Myanmar Ranges of Northeast India and Implications on the Tectonic Setting of the Continental Margin Basin** (Abstract). *35th International Geological Congress (IGC), Cape Town, South Africa, 27August – 4th September, 2016.*
- xii) **Stratigraphic Sequence of Tectonically Jumbled Ophiolite Mélange Zone in Manipur, North East India and its Implications on the Ancient Oceanic Basin** (Abstract). *National Seminar on Geology, Geochemistry, Tectonics, Energy and Mineral Resources of Northeast India at Nagaland University, Kohima, 9-11th November, 2016.*
- xiii) **Rapporteur of a technical session of the National Seminar on Geology, Geochemistry, Tectonics, Energy and Mineral Resources of Northeast India at Nagaland University, Kohima, 9-11th November, 2016.**
- xiv) **Pillow Lavas and Kindred Rocks of the Ophiolite Belt in Manipur, Northeast India and Implications on the Basin Environment and Lava Extrusion** (Poster Presentation). *105th Indian Science Congress held in Manipur University, Imphal, 2017.*

SUPERVISION OF PhD/M.Sc. DISSERTATION

- A. PhD
 - Supervising 2 (two scholars)
- B. M.Sc. Dissertation
 - Supervised 14 students

RESEARCH PROJECT (in hand)

DST (NRDMS) sponsored Research Project entitled “**Geoscientific studies – Geodetic, geological, geomorphological and geotechnical of active landslides**” (about 24 lakhs)

OTHER ACADEMIC ACTIVITIES

- i) Conducted M.Sc. Geology 1st Semester Students’ Geological Field work in various parts of Manipur during, 14-20, March, **2015**.
- ii) Conducted M.Sc. Geology 1st Semester Students’ Geological Field work in various parts of Manipur during, 13-20, February, **2016**.

Conducted M.Sc. Geology 3rd Semester Students’ Geological Field work in and around Nainital during, June, **2016**.