

## **CURRICULUM-VITAE**

### **PITAMBAR BEHERA**



Google Scholar; Research Gate; Academia; Linked In; Mendeley; Semantic Scholar; DBLP

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#### **PRESENT ADDRESS**

Assistant Professor in English (OES-I)

Govt. College, Sundargarh (Rangadhipa, 770002)

Department of Higher Education, Govt. of Odisha

Ph.D. Research Scholar, Centre for Linguistics

SLL & CS, Jawaharlal Nehru University, New Delhi

#### **PERMANENT ADDRESS**

AT: Naxapali, PO: Maneswar, PS: Dhanupali

Sambalpur, Odisha-768005.

#### **OBJECTIVES:**

To establish a career in a growth-oriented and reputed organization utilizing my acquired skills and knowledge in achieving organizational goals while attaining professional and personal growth. With the knowledge of my subject and the course delivering expertise, I would like to bring in continuous improvement in the system by implementing innovative ideas and ideals. Further, I would like to work for the excellent growth prospectus of the organization with dedication, diligence, perseverance and sincerity with a computational orientation.

#### **RESEARCH INTERESTS:**

My Research interests broadly include the theoretical and applied aspects of Natural Language Processing (NLP) and Artificial Intelligence (AI) for Indic Languages. In particular, I conduct research in the areas of POS annotation (applying CRF & SVM), chunking, parsing: Structural and dependency (Phrase-Structure, Structural and Paninian), Named Entity Recognizer (NER), Multi-word Expressions, Machine Translation, online natural language platforms, Less-resourced languages, Language Documentation, E-resource building for endangered and lesser-known languages. In addition, I have a keen interest on Discourse Analysis, Theoretical Translation, Critical Theories in Literature, International varieties of English and language philosophy.

#### **EDUCATION & QUALIFICATIONS:**

1. 2015-20: Ph.D. in (Computational) Linguistics (Contd.), Center for Linguistics, Jawaharlal Nehru University (JNU), New Delhi, India, 2020.
2. 2013-15: M.Phil. in (Computational) Linguistics, Center for Linguistics, Jawaharlal Nehru University (JNU), New Delhi, India-2015, Grade "A".
3. 2014-2016: M.A. in Linguistics, Annamalai University, Tamilnadu in 2016, with Grade 'A'.
4. 2012-13: (B.Ed.) Bachelor in Education (English Language Teaching), The English & Foreign Languages University (E.F.L.U), Hyderabad, Telangana, 2013 with Grade "A" degree.

5. 2010-12: M.A. in English (Specialization, Linguistics), presently Gangadhar Meher Unitary University (formerly Gangadhar Meher Autonomous College), Sambalpur, Odisha, 2012 with a first-class degree (69.50%).
6. 2010-11: PGDCA from SCOPE, Dhanupali with Grade (“A+”).
7. 2007-10: B.A. in English Literature, presently Gangadhar Meher Unitary University, Sambalpur, Odisha, 2010 with a first-class degree with distinction (63.22%).
8. 2005-07: Intermediate from Gangadhar Meher Junior College, Sambalpur, Odisha, with a first-class degree (64%).
9. 2004: Matriculation from Maneswar High School, Sambalpur, Odisha, 2004 with a first-class (70.13%).

#### **OTHER QUALIFICATIONS:**

1. Completed a Certificate Course on Sep 07, 2021 entitled Literary Text Analysis: Theory and Practice on Udemy, Instructor Dr. Amitabh Vikram Dwivedi, Mata Vaishno Devi University, India.
2. Completed an online course entitled “Introduction to R” on Datacamp with xp points of 4,510 in October, 2017. (Certificate No. 4,147,882)
3. Completed an online course entitled “Introduction to Python for Data Science” on Datacamp with 4,700 xp points in October, 2017. (Certificate No. 4,148,552)

#### **WORK EXPERIENCE:**

- Dec 01, 2018-present: working as an Assistant Professor in English [Odisha Education Service (OES-I)] Govt. College, Sundargarh, Department of Higher Education, Govt. of Odisha, India.
- March 7, 2016- March 6, 2017: worked as a full-time Junior Linguist in Hindi, Google Inc., Bangalore, India. Job includes grammar formalisms, query annotation, dependency and semantic annotation, MT data for evaluation and so on.
- February, 2017- present: working as a freelance Translator and proofreader in Knowledge Works Pvt. Ltd.
- December 2014- 23<sup>rd</sup> Feb 2016: worked as a full-time Junior Linguist in the Indian Languages Corpora Initiative (ILCI), project undertaken by a consortium of universities led by JNU, New Delhi and funded by the D.I.T., govt. of India. Job includes parts of speech tagging, chunking and validation in Hindi, English and Odia.
- September 2014- Nov 2015: worked as a part-time Speech Annotator-Linguist in ezDI, Ahmedabad. Job includes POS annotation, validation and evaluation of English medical corpus; chunking and parsing annotation and validation of English medical corpus.
- March 2011- July 2011: as a teacher taught Spoken English in the Ankan School of Fine Arts, S.R.I.T. Colony, Sambalpur, Odisha.
- 2011-12: as an English teacher in Takshashila Institute, Sambalpur, Odisha.
- 2010-12: as an English teacher taught English to Intermediate and UG students in Bishoi Institute, Dhanupali, Sambalpur, Odisha.

#### **PUBLICATIONS:**

##### **JOURNALS**

1. Behera, P., Dash, B. and Pattanayak, D. P. (Jan, 2021). An Exploratory Study of Lexico-Syntactic Variations in Sambalpuri and Odia. International Journal of Dravidian Linguistics (Golden Jubilee Issue ISSN: 0378-2484), DLA of India, 50(1), 51-78. (UGC CARE)
2. Behera, P. (2020). A Comparative Analysis between Paninian and Tesni`ere’s Dependency Formalisms with Specific Reference to Annotating Karta. International Journal of Advanced Science and Technology (ISSN: 2005-4238), SERSC, 29(11s), 1649-1659. (Scopus)
3. Muzaffar, S. and Behera, P. (2018). A Qualitative Evaluation of Google’s Translate: A Comparative Analysis of English-Urdu Phrase-based Statistical Machine Translation (PBSMT) and Neural Machine Translation (NMT) Systems. Language in India (ISSN: 1930-2940). vol. 18(10), 154-164. (UGC Approved)
4. Behera, P. & Muzaffar, S. (2018). Developing Classification-based Named Entity Recognizers (NER) for Sambalpuri and Odia Applying SVM. Nepalese Linguistics (ISSN: 0259-1006), Kathmandu, Nepal, vol. 33, 1-7 (Peer reviewed/refereed)

5. Behera, P. (2018, June). Issues and Challenges in Corpus Collection and Annotation of Sambalpuri: The Case of a Lesser-known Language. *Language Forum*, Bahri Publications (ISSN 0253-9071). (Peer reviewed/refereed)
6. Kumar, S., Behera, P. & Jha, G. N. (2017). A Classification-based Approach to the Identification of Multiword Expressions (MWEs) in Magahi Applying SVM. *Procedia Computer Science (Elsevier)*, (ISSN: 1877-0509), 112, pp.594-603. (SCOPUS)
7. Behera, P. (2017). An Experimentation with the CRF++ Parts of Speech Tagger for Odia. *Language in India* (ISSN: 1930-2940). Vol 17:1, Jan, Bloomington, USA. (UGC Approved)
8. Muzaffar, S., Behera, P., & Jha, G. N. (2016). A Pāniniān Framework for Analyzing Case Marker Errors in English-Urdu Machine Translation. *Procedia Computer Science (Elsevier)*, (ISSN: 1877-0509), 96, pp. 502-510. (SCOPUS)
9. Behera, P. & Dash, B. N. (Dec, 2017). Documenting Sambalpuri-Kosli: The Case of a Less-resourced Language. *Indian Journal of Applied Linguistics (IJOAL)*. Vol-43(1-2), pp. 128-144, Bahri Publications (ISSN: 0379-0037). (Peer reviewed/refereed)
10. Behera, P. (2016). "Flying Saucer" translated into English. *Rock Pebbles, Odisha* (ISSN: 0975-0509). Dec Issue, pp. 1-13. (UGC-CARE)
11. Behera, P. and Behera, R. (Nov, 2015). Understanding the Concept of Meaning: A Contrastive Study of Structuralist and Post-structuralist Perspectives. *International Journal of Current Research* (ISSN: 0975-833X), 7(11), pp. 23390-23396. (Peer reviewed/refereed)
12. Behera, P & Muzaffar, S. (2015). The Social Media and Democratic Discourse: A Critical Discourse Analysis of the Power of 49 Video. *Asian Journal of Multidisciplinary Studies (AJMR)*, (ISSN 2321-8819), 3(2), pp. 155-161. (Peer reviewed/refereed)
13. Muzaffar, S., Behera, P., Jha, G. N., Hellan, L., & Beermann, D. (2015). The TypeCraft Natural Language Database: Annotating and Incorporating Urdu. *Indian Journal of Science and Technology*, (ISSN 0974-5645), 8(27), October, Chennai, India. (SCOPUS)
14. Muzaffar, S. & Behera, P. (2014). An Error Analysis of the Urdu Verb Markers: A Comparative Study on Google and Bing Machine Translation Platforms. *Aligarh Journal of Linguistics* (ISSN- 2249-1511), 4 (1-2), pp. 199-208. (UGC-CARE)

#### **BOOK CHAPTERS**

1. Kumar, S. and Behera, P. (2022). A Descriptive Study of Explicator and Reversed Compound Verbs in Magahi: The Case of a Less-resourced Language, Routledge Series (in press).
2. Behera, P. (2022). Agglutination vs Inflection: A Typological Hypothesis in Indo-Aryan Languages. Odisha as a Mini Linguistic Area, P.G. Department of Linguistics, Berhampur University, Odisha, India (in press).
3. Behera, P. (2022). *Stanford Universal Typed Dependency Relationships for Parsing Hindi Texts based on Tesni`ere's Dependency Framework* in International Conference of South Asian Languages and Literature (ICOSAL-13), CIIL, Mysore, India. (in press) (book to be edited by U. Pappuswami in honor of late O. N. Koul)
4. Behera, P. and Jena, O. P. (2021). Domain Adaptation of Parts of Speech Annotators in Hindi Biomedical Corpus: An NLP Approach. *Machine Learning in Biomedical Science and Healthcare Informatics* (book) edited by O. P. Jena, A. R. Tripathy, A. A. Elgnar and Z. Polkowski, Scrivener Publishing and Wiley (in press), pp. 377-392. (SCOPUS)
5. Behera, P. (2021). The Sphoṭa Theory in the Indic Philosophy: The Ancient versus the Modern. In *Vedanta Science and Technology: A Multidisciplinary Approach* (Eds.) by G. N. Jha, B. R. Singh and S. Sengupta. D. K. Printworld Publications (ISBN: 978-81-246-0947-7), New Delhi, pp. 213-225.
6. Behera, P. (2020). A Qualitative Evaluation of Google's Translate: A Comparative Analysis of PBSMT and NMT Systems. In S. Prusty et al. (Eds.) *Language, Literature, Culture and Integrity* (Vol. IV) (ISBN: 978-81-942780-3-0, Institute of Odia Studies and Research, Bhubaneswar, Odisha, India, pp. 180-192.
7. Behera, P., Ojha, A. K. & Jha, G. N. (2019-20). Issues and Challenges in Developing Statistical POS Taggers for Sambalpuri. In Z. Vetulani et al. (Eds.) *Human Language Technology: Challenges for Computer Science and Linguistics. LNAI 10930, Springer International Publishing* (ISBN: 978-3-319-93781-6), pp. 393-406. (SCOPUS)

## CONFERENCE PROCEEDINGS

1. Behera, P. & Dash, B. (2018). Tesni'ere's Dependency Frameworks for Indian Languages: Theoretical Considerations. In Proceedings of National Language Conference (NLC-IV). Berhampur, Odisha.
2. Pandey, A. & Behera, P. (2018). *A Comparison of Hindi SVM Parts of Speech Taggers Trained on Cross-domain and Cricketing-domain Data*. In Proceedings of 38<sup>th</sup> Annual Conference of Linguistic Society of Nepal (LSN-38), Tribhuvan University, Kathmandu, Nepal.
3. Behera, P., Maurya, N. & Pandey, V. (2016). Dealing with Linguistic Divergences in English-Bhojpuri Machine Translation. In *Proceedings of WSSANLP-6* (ISBN 978-4-87974-705-1), *COLING-2016*, Association for Computational Linguistics, Osaka, Japan, pp. 103-113.
4. Behera, P., Muzaffar, S., Ojha, A. Ku. & Jha, G. N. (2016). The IMAGACT4ALL Ontology of Animated Images: Implications for Theoretical and Machine Translation of Action Verbs from English-Indian Languages. In *Proceedings of WSSANLP-6* (ISBN 978-4-87974-705-1), *COLING-2016*, Association for Computational Linguistics, Osaka, Japan, pp. 64-73.
5. Muzaffar, S. & Behera, P. (2016). The Concepts of Equivalence, Gain and Loss (Divergence) in English-Urdu Web-Based Machine Translation Platforms. In *Proceedings of International Conference of South Asian Languages (ICOSAL-12)*, CELMTS, University of Hyderabad.
6. Jha, G. N., Ojha, A. K. Muzaffar, S. & Behera, P. (2016). Indo Aryan Languages on IMAGACT. In the IMAGACT Panel, *MODELACT Conference on "Action, Language and Cognition"*, CNR, Rome, 6-7 June.
7. Ojha, A. K., Singh, S., Behera, P. & Jha, G. N. (2016). A Hybrid Chunker for Hindi and Indian English. In *Proceedings of WILDRE-3 (LREC-2016)*, (ISBN: 978-2-9517408-8-4), Portoroz, Slovenia, pp. 93-100.
8. Muzaffar, S., Behera, P. & Jha, G. N. (2016). Classification and Resolution of Linguistic Divergences in English-Urdu Machine Translation. In *Proceedings of WILDRE-3 (LREC-2016)*, (ISBN: 978-2-9517408-8-4), Portoroz, Slovenia, pp 43-49.
9. Behera, P., Singh, R. & Jha, G. N. (2016). Evaluation of Anuvadakh (EILMT) English-Odia Machine-assisted Translation Tool. In *Proceedings of WILDRE-3 (LREC-2016)*, (ISBN: 978-2-9517408-8-4), Portoroz, Slovenia, pp. 110-117.
10. Behera, P. (2016). Evaluation of SVM-based automatic parts of speech tagger for Odia. In *Proceedings of WILDRE-3 (LREC-2016)*, (ISBN: 978-2-9517408-8-4), Portoroz, Slovenia, pp. 32-38.
11. Muzaffar, S., Behera, P. & Jha, G. N. (2016). Issues and Challenges in Annotating Urdu Action Verbs on the IMAGACT4ALL Platform. In *Proceedings of LREC-2016* (ISBN: 978-2-9517408-8-4), Portoroz, Slovenia, pp. 1446-1451.
12. Jha, G. N., Hellan L., Beermann, D., Singh, S., Behera, P. & Banerjee, E. (2014). Indian Languages on the TypeCraft Platform—The Case of Hindi and Odia. In *Proceedings of WILDRE-2014 (ISBN: 978-2-9517408-8-4): Reykjavik, Iceland*, pp. 84-90.
13. Ojha, A. K., Behera, P., Singh, S. & Jha, G. N. (2015). Training & Evaluation of POS Taggers in Indo-Aryan Languages: A Case of Hindi, Odia and Bhojpuri. In *Proceedings of LTC-2015, Poland*, Springer, Cham, pp. 524-529.

## POEMS

1. Behera, P. (May 2016). The Sail of Atman, *Galaxy: International Multidisciplinary Journal*, (ISSN- 2278-9529), V (II).
2. Behera, P. (Mar 2015). The Wronged Beauty, *Galaxy: International Multidisciplinary Journal*, (ISSN- 2278-9529), IV (II).
3. Behera, P. (Mar 2015). The Burning Souls, *Galaxy: International Multidisciplinary Journal*, (ISSN- 2278-9529), IV (II).
4. Behera, P. (Dec 2014). All in Impotence, *Indian Ruminations Journal of English Writers*, (ISSN- 2249-2062).

## BOOKS (under preparation)

1. An Introduction to Sambalpuri Morphology: Inflectional and Derivational Aspects

2. ELT Scenario in Western Odisha: The Case of Sambalpur District and Adjacent Areas
3. Parts of Speech Annotation in Indian Languages: Theoretical and Applied Perspectives
4. Machine Translation and Indian Languages: PBMT and NMT

#### **PROJECTS:**

11<sup>th</sup> Jan 2021- present: Co-Project Investigator of the project “Literary Editing and Translation of Sarala Mahabharata”, OHEPEE scheme of Govt. of Odisha at the Centre of Excellence in Odishan Studies, Ravenshaw University.

#### **SEMINARS, SYMPOSIUMS, CONFERENCES AND WORKSHOPS:**

#### **PRESENTATIONS:**

1. Dec 21, 2021: presented a paper jointly with Shivek Kumar entitled “A Syntactico-Semantic Study of Complex Predicates in Eastern Indo-Aryan Less-resourced Languages” in the 43<sup>rd</sup> International Conference of Linguistic Society of India (LSI) organized by Central Institute of Indian Languages (CIIL), Mysore and LSI, Pune.
2. 31<sup>st</sup> Mar-1<sup>st</sup> Apr, 2021: presented a paper entitled Issues Concerning Mother Tongue in New Education Policy: A Linguistic Perspective in a national seminar of National Language Conference VII, organized jointly by IOSR, Bhubaneswar and Shri Jagannath Sanskrit University, Puri, Odisha, India.
3. 24<sup>th</sup>-25<sup>th</sup> Mar, 2021: presented a paper entitled Agglutination vs Inflection: A Typological Hypothesis in Indo-Aryan Languages in the National E-Conference on “Odisha as a Mini Linguistic Area” organized by the P.G. Department of Linguistics, Berhampur University, Odisha, India.
4. 10<sup>th</sup>-12<sup>th</sup> Dec, 2020: presented a paper with Urmishree Bedamatta entitled Dealing with Variations in Linguistic Annotation: The Case of Classical Corpus of the Mahabharata in Odia in the 42<sup>nd</sup> ICOLSI held at GLA University, Mathura, India.
5. 10<sup>th</sup>-12<sup>th</sup> Dec, 2020: presented a paper with Shivek Kumar entitled A Descriptive Study of Explicator and Reversed Compound Verbs in Magahi: The Case of a Less-resourced Language in the 42<sup>nd</sup> ICOLSI held at GLA University, Mathura, India.
6. 18th Sep, 2019: presented a paper entitled Linguistic Marginalization: The Case of Sambalpuri and Odia in a state-level seminar on “Narration, Narrative and Narratology: Changing Perspectives through the Other Lens”, organized by Department of English, Odia and Sanskrit, Govt. College, Sundargarh, India.
7. Feb 05-07, 2019: presented a paper entitled A Qualitative Evaluation of Google’s Translate: A Comparative Analysis of PBSMT and NMT Systems in the Fifth National Language Conference (NLC-V), Ravenshaw University, Cuttack, India.
8. Nov 26-27, 2018: Presented a paper with Brahmananda Padra entitled Nominal Morphology in Sambalpuri: Agglutination vs Inflection in 39<sup>th</sup> Annual Conference of Linguistic Society of Nepal (LSN-39), Tribhuvan University, Kathmandu, Nepal.
9. Nov 02-04, 2018: presented a paper with Sharmin Muzaffar in a three day International Symposium on Linguistics Across Disciplines (LAD) organized by Department of Linguistics, Aligarh Muslim University, Aligarh and funded by ICSSR and CIIL.
10. June 21-23, 2018: Presented a paper entitled Universal Dependency Parsing in Hindi Applying Tesnière’s Framework: Issues and Perspectives in 46th All India Conference of Dravidian Linguists and International Symposium on Linguistic Ecology and Language Technology, Dept. of Linguistics, Jadavpur University in collaboration with DLA, SLL, CIIL, ASI, and ICSSR.
11. June 21-23, 2018: Presented a paper with S. Kumar and A. Tiwari entitled *Measuring Lexical Similarities between Less-resourced Indo-Aryan Languages- A Computational Perspective* in 46th All India Conference of Dravidian Linguists and International Symposium on Linguistic Ecology and Language Technology, Dept. of Linguistics, Jadavpur University in collaboration with DLA, SLL, CIIL, ASI, and ICSSR.
12. June 21-23, 2018: Presented a paper with Brahmananda Padra entitled *Describing Nominal Morphology in Sambalpuri-Kosli: The Case of an Indo Aryan Minority Language* in 46th All India Conference of Dravidian

Linguists and International Symposium on Linguistic Ecology and Language Technology, Dept. of Linguistics, Jadavpur University in collaboration with DLA, SLL, CIIL, ASI, and ICSSR.

13. Jan 8-10, 2018: Presented a paper entitled *Stanford Universal Typed Dependency Relationships for Parsing Hindi Texts based on Tesni`ere's Dependency Framework* in International Conference of South Asian Languages and Literature (ICOSAL-13), CIIL, Mysore, India.
14. Jan 8-10, 2018: Presented a paper with S. Muzaffar entitled *A Qualitative Evaluation of Google's Translate: Comparison of English-Urdu Phrase-based Statistical Machine Translation (PBSMT) and Neural Machine Translation (NMT) Systems* in International Conference of South Asian languages and Literatures (ICOSAL-13), CIIL, Mysore, India.
15. Dec 29-30, 2017: Presented a paper with S. Muzaffar entitled *An Analysis of Tense-related Divergences between English-Urdu Neural Machine Translation Platforms: Google's Translate and Microsoft's Bing Translator* in National Seminar on Challenges for Language Technology, Dept. of Linguistics, Aligarh Muslim University, India.
16. Dec 8-11, 2017: Presented a paper with S. Muzaffar entitled *Qualitative Evaluation of English-Urdu Phrase-based Machine Translation System: A Case of Google's Translate* in International Conference of Linguistic Society of India (ICOLSI-39), IIT, Patna, India.
17. Dec 2, 2017: Presented a paper with B. N. Dash entitled *Measuring Lexical Similarity between Sambalpuri and Odia* in Kosali-Sambalpuri Convention-I, Sahitya Akademi, India.
18. Nov 26-27, 2017: Presented a paper with S. Muzaffar entitled *Developing Classification-based Named Entity Recognizers (NER) for Sambalpuri and Odia Applying SVM* in 38<sup>th</sup> Annual Conference of Linguistic Society of Nepal (LSN-38), Tribhuvan University, Kathmandu, Nepal.
19. Nov 26-27, 2017: Presented a paper with A. Pandey entitled *A Comparison of Hindi SVM Parts of Speech Taggers Trained on Cross-domain and Cricketing-domain Data* in 38<sup>th</sup> Annual Conference of Linguistic Society of Nepal (LSN-38), Tribhuvan University, Kathmandu, Nepal.
20. Sep 6-8, 2017: Presented a paper with S. Kumar entitled *A Classification-based Approach to the Identification of Multiword Expressions (MWEs) in Magahi Applying SVM* in 21<sup>st</sup> International Conference on Knowledge-based and Intelligent Information and Engineering Systems, Marseille, France.
21. Jul 6-9, 2017: Presented a paper with B. N. Dash entitled *Tesni`ere's Dependency Frameworks for Indian Languages: Theoretical Considerations*. National Language Conference (4NLC17), organized by Institute of Odia Studies and Research (IOSR), Bhubaneswar and National Institute of Science and Technology (NIST), Berhampur.
22. Feb 27-28, 2017: Presented a paper with S. Kumar entitled *ICT for Odia Language Teaching: Computational Tools as Aids*. Graduate Seminar on *Education, Change and Continuity*, organized by Zakir Husain Centre for Educational Studies School of Social Sciences Jawaharlal Nehru University, New Delhi.
23. Feb 21-23, 2017: Presented a paper with Biswa Nandan Dash entitled *An Exploratory Study of Lexico-Syntactic Variations in the Dialects of Odia* in National Seminar on the *Minority and Minor Languages of India in the Present Context*. Dravidian University, Kuppam, Andhra Pradesh, India.
24. Dec 11-12, 2016: Presented a paper with N. Mourya and Vandana entitled *Dealing with Linguistic Divergences in English-Bhojpuri Machine Translation*. In *WSSANLP-6, COLING-2016, ACL*, Osaka, Japan.
25. Dec 11-12, 2016: Presented a paper with A. K. Ojha, S. Muzaffar and G.N. Jha, entitled *The IMAGACT4ALL Ontology of Animated Images: Implications for Theoretical and Machine Translation of Action Verbs from English-Indian Languages*. In *WSSANLP-6, COLING-2016, ACL*, Osaka, Japan.
26. Dec 10-12, 2016: Presented a paper with S. Muzaffar entitled *An Experiment with CRF++ Parts of Speech Tagger for Odia*, *ICOLSI-38*, IIT Guwahati.
27. Dec 10-12, 2016: Presented a paper with S. Muzaffar and G. N. Jha entitled *Proposing a Pāniniān Parser for Case Marker Errors in English-Odia Machine Translation*, *ICOLSI-38*, IIT Guwahati.
28. Sep 5-7, 2016: Presented a paper with Muzaffar, S. and Jha, G. N. entitled "A Pāniniān Framework for Analyzing Case Marker Errors in English-Urdu Machine Translation". In 20<sup>th</sup> International Annual Conference KES-2016, York City, UK.
29. May 25-27, 2016: Presented with S. Muzaffar and G. N. Jha paper entitled *Issues and Challenges in Annotating Urdu Action Verbs on the IMAGACT 4 ALL Platform*. In *LREC-2016(May)*, Portoroz, Slovenia.

30. May 24, 2016: Presented a paper with S. Muzaffar and G. N. Jha entitled Classification and Resolution of Linguistic Divergences in English-Urdu Machine Translation. In *WILDRE-3 (May), LREC-2016*, Portoroz, Slovenia.
31. Mar 25-28, 2016: Presented a paper with B. N. Dash entitled *Documenting Sambalpuri-Kosli: The Case of a Less-resourced Language* in the Third National Language Conference (NLC-III), Bhubaneswar, organized by IOSR and Govt. of Odisha.
32. Feb 25-27, 2016: Presented a paper entitled *Issues and Challenges in Corpus Collection and Annotation of Sambalpuri: The Case of a Lesser-known Language* in Endangered and Lesser-known Languages Conference (ELKL-4) organized by KMI Institute, Dr. B. R. Ambedkar University, Agra, India.
33. Feb 25-27, 2016: Presented a paper entitled *Developing an Automated SVM POS Tagger for Sambalpuri: The Case of a Lesser-known Language* in Endangered and Lesser-known Languages Conference (ELKL-4) organized by KMI Institute, Dr. B. R. Ambedkar University, Agra, India.
34. Jan 07-10, 2016: Presented a paper with S. Muzaffar entitled *The Concepts of Equivalence, Gain and Loss (Divergence) in English-Urdu Web-Based Machine Translation Platforms* in ICOSAL-12 organized by CELMTS, University of Hyderabad.
35. Dec 27-30, 2015: Presented a paper entitled *The Sphoṭa Theory in the Indic Philosophy: The Ancient versus the Modern* in the Twenty Second International Congress on Vedanta organized by (Center for Indic Studies, JNU, IAS, Dartmouth and CIS, University of Dartmouth, USA).
36. Nov 27-29, 2015: Presented a paper with A.K. Ojha and G.N. Jha entitled *Issues and Challenges in Developing Statistical POS Taggers*, in LTC-2015, Adam Mickiewicz University, Poland.
37. Nov 27-29, 2015: Presented a paper Ojha, A. K., Singh, S. & Jha, G. N. *Training & Evaluation of POS Taggers in Indo-Aryan Languages: A Case of Hindi, Odia and Bhojpuri*. in LTC-2015, Adam Mickiewicz University, Poland, pp. 524-529.
38. Oct 15-17, 2015: Presented a paper entitled *Developing Support Vector Machine (SVM)-based Parts of Speech Tagger for Odia* in the International Conference of the Linguistics Society of India (ICOLSI-37) organized by the Center for Linguistics, Jawaharlal Nehru University (JNU) in collaboration with CIIL and LSI.
39. Sep 18-19, 2015: Presented a paper with Muzaffar, S., Jha, G. N., Mustafa, K. S., Moneglia, M., entitled *Annotating Urdu Action Verbs on the IMAGACT Platform: Issues and Challenges*, In the Third Regional International Conference on NLP, organized by the Dept. of Computer Science, Punjabi University, Patiala in collaboration with the NLP Association of India, TDIL, DST and UGC.
40. Sep 18-19, 2015: Presented a paper with Muzaffar, S., Jha, G. N., Hellan, L., and Beermann, D. entitled *TypeCraft Natural Language Database: Annotating and Incorporating Urdu*, In the Third Regional International Conference on NLP, organized by the Dept. of Computer Science, Punjabi University, Patiala in collaboration with the NLP Association of India, TDIL, DST and UGC.
41. Feb 23-24, 2015: Presented a paper entitled *Sambalpuri Web-based Dictionary with LexiquePro and Toolbox*, In the International Mother Language Day Celebration-2015, Dr. B.R. Ambedkar University, Agra, India.
42. Mar 21-22, 2015: Presented a paper with S. Muzaffar entitled *Analyzing Tense-related Errors on English-Urdu Google and Bing Machine Translation Platforms*, In the Regional Symposium on Natural Language Processing (regICON-2015), organized by IIT (BHU) and NLP Association of India.
43. Dec 8-9, 2014: Presented a paper entitled *TypeCraft Online Syntactic Database: The Classical Language Odia* in the International Conference on "Indigenous Languages in India and Canada: Structure, Documentation, and Vitality" organized by Jawaharlal Nehru University, New Delhi and Simon Fraser University, Canada.
44. Nov 12-13, 2014: Presented a poetry entitled "The Sail of Atman" on the occasion of the "Poet's Meet" organized by the Amity University, Noida.
45. May 27, 2014: Presented a paper with Jha, G. N., Hellan L., Beermann, D., Singh S., Banerjee, E., entitled *Indian languages on the TypeCraft platform – the case of Hindi and Odia*, In LREC: Iceland.
46. Feb 28-29, 2012: Presented a poetry entitled "The Wronged Beauty" on the occasion of the national seminar organized by the Department of English, Gangadhar Meher Unitary University, Sambalpur.

## **PARTICIPATIONS:**

1. Jan 30, 2022: participated in the national webinar “Alternative Narrative: Making Discourses on Language and Education”, conducted by Ramakrishna Mission Brahmananda College of Education, Kolkata, West Bengal.
2. Jan 11, 2022: participated in the Zoom talk “Fundamentals of Language Acquisition” in the Linguistics and Pedagogy webinar delivered by Stephen Krashen (University of Southern California), the legendary ELT theoretician.
3. Nov 27, 2021: Participated in a webinar entitled “Phule’s Philosophy of Satyasadhok and Its Relevance in Post-truth Times” delivered by Rahee Punyashloka of JNU organized by South Asian Alternative Forum (SAAF), Oxford University, United Kingdom.
4. Aug 06, 2021: participated in a webinar on “Language and Communication”, organized by Dept. of English, M.R. Govt. Arts College, Mannargudi, Tamilnadu, India.
5. 13<sup>th</sup> Oct, 2020: participated in a webinar on “Developing Language Skills with A2 Key for Schools and B1 Primary for Schools Vocabulary Lists”, organized by Cambridge Assessment English, The Triangle Building, Shaftesbury Road, Cambridge, United Kingdom.
6. Sep 14, 2020: participated in an international webinar on “Reflections on Contemporary Literary Theory and Criticism”, organized by Dept. of English, Govt. College, Sundargarh in collaboration with Dept. of Higher Education, Odisha, India.
7. Sep 13, 2020: participated in a national webinar on “New Education Policy 2020: Issues and Challenges”, organized by NSCB College, Sambalpur in collaboration with Odisha Commerce Association, Bhubaneswar, India.
8. Sep 09, 2020: participated in an international webinar on “Making the Best of Teaching Online”, organized by Regional Institute of English, Chandigarh, India
9. July 01, 2020: participated in a national webinar on “From Conducting to Publishing Teacher Research: A Brisk Walk”, organized by Regional Institute of English, Chandigarh, India.
10. July 13, 2020: participated in an online lecture series organized by the Department of English, Midnapore Autonomous College, West Bengal, India.
11. June 28, 2020: participated in a webinar series on “Attentive and Focussed Listening: Some Strategies”, organized by the ELTA, India.
12. 24<sup>th</sup> June, 2020: participated in a national webinar on “Pandemic and Literature in the Perspective of COVID-19”, organized by the Faculty of Arts, Department of English, Nehru Gram Bharati deemed to be University, UP, India
13. June 13, 2020: participated in a webinar on “Jainism not a Religion, but a Science”, organized by the Pioneer Institute of Professional Studies (college with potential for excellence), Indore, M.P. India.
14. June 04, 2020: participated in a national webinar “Reprographic Science and Technology for Preservation of and Access to Documentary Heritage”, organized by IGNC, New Delhi.
15. June 02, 2020: participated in a national webinar “Language Technology and Role of Literature Departments in India” by Dr. Narayan Kumar Choudhary, Assistant Director (Admin), Central Institute of Indian Languages, Dept. of Higher Education, MHRD, Govt. of India, Manasgangotri, Mysuru – 570006, organized by Atma Ram Sanatan Dharma College, University of Delhi.
16. June 02, 2020: participated in a inter-national webinar “Covid Discourse: Cognition and Language” by Dr. P.M. Girish, as part of inter-national lecture series “Pandemic and Beyond” organized by the Dept. of English and Other Languages, Bharat Mata College of Commerce and Arts, Aluva, Kerala.
17. May 21, 2020: participated in a national webinar “Teaching, Learning and ICT”, organized by EdFly Learn.
18. Nov 02-04, 2018: participated in a three day International Symposium on Linguistics Across Disciplines (LAD) organized by Department of Linguistics, Aligarh Muslim University, Aligarh and funded by ICSSR and CIIL.
19. Nov 26-27, 2018: Participated in 39<sup>th</sup> Annual Conference of Linguistic Society of Nepal (LSN-39), Tribhuvan University, Kathmandu, Nepal.
20. June 21-23, 2018, participated in the 46th All India Conference of Dravidian Linguists and International Symposium on Linguistic Ecology and Language Technology, Dept. of Linguistics, Jadavpur University in collaboration with DLA, SLL, CIIL, ASI, and ICSSR.
21. Jan 8-10, 2018, participated in the International Conference of South Asian Languages and Literatures (ICOSAL-13), CIIL, Mysore, India.



22. Dec 29-30, 2017, participated in National Seminar on Challenges for Language Technology, Dept. of Linguistics, Aligarh Muslim University, India.
23. Dec 8-11, 2017, participated in the 4-day International Conference of Linguistic Society of India (ICOLSI-39), IIT, Patna, India.
24. Dec 2, 2017, participated in the Kosali-Sambalpur Convention-I organized by Sahitya Akademi, Bhubaneswar, Odisha.
25. Nov 26-27, 2017, participated in 38<sup>th</sup> Annual Conference of Linguistic Society of Nepal (LSN-38), Tribhuvan University, Kathmandu, Nepal.
26. Jul 09-16, 2017: Participated in the QIP-CEP 7-day workshop on Experimental and Empirical Methods in Linguistics organized by Department of Linguistics, (Social Sciences and Humanities) IIT, Delhi.
27. Jul 06-09, 2017: Participated in the Fourth National Language Conference (NLC-IV), Bhubaneswar, organized by IOSR and NIST.
28. Feb 27-28, 2017, participated in Graduate Seminar on *Education, Change and Continuity*, organized by Zakir Husain Centre for Educational Studies School of Social Sciences Jawaharlal Nehru University, New Delhi.
29. Feb 21-23, 2017, participated in National Seminar on the *Minority and Minor Languages of India in the Present Context*. Dravidian University, Kuppam, Andhra Pradesh, India.
30. Mar 25-28, 2016: Participated in the Third National Language Conference (NLC), Bhubaneswar, organized by IOSR and Govt. of Odisha.
31. Feb 25-27, 2016: Participated in the Fourth Endangered and Lesser-known Languages Conference (ELKL-4) organized by KMI Institute, Dr. B. R. Ambedkar University, Agra, India. (hosted by Microsoft India).
32. Jan 07-10, 2015: Participated in ICOSAL-14 organized by CELMTS, University of Hyderabad in association with EFLU, CIIL and CUK.
33. Dec 27-30, 2015: Participated in the Twenty Second International Congress on Vedanta organized by (Center for Indic Studies, JNU, IAS, Dartmouth and CIS, University of Dartmouth, USA).
34. Oct 20 & 22, 2015: Participated in a two-day workshop on Recursion and Acquisition by Tom Rooper, organized by Centre for Linguistics, JNU.
35. Oct 15-17, 2015: Participated in the International Conference of the Linguistics Society of India (ICOLSI-37) organized by the Center for Linguistics, Jawaharlal Nehru University (JNU) in collaboration with CIIL and LSI.
36. Feb 23-25, 2015: participated in a two-day conference on Self, World & Morality: Schopenhauer and Indian philosophy with a Special Reference to the Upanishads organized by Indian Division of the Schopenhauer Society and sponsored by ICPR, JNU, MMB and SGRC.
37. Mar 14-15, 2015: participated in a two-day conference, "The Ninth Students' Conference in India (SCONLI-9)" organized by the Department of Humanities and Social Sciences, IIT Delhi and CIIL.
38. Sep 18-19, 2015: participated in the Third Regional International Conference on Natural Language Processing, organized by the Dept. of Computer Science, Punjabi University, Patiala in collaboration with the NLP Association of India, TDIL, DST and UGC.
39. Mar 21-22, 2015: participated a two-day symposium on the Regional Symposium on Natural Language Processing (regICON-2015), organized by the NLP Association of India and IIT (BHU).
40. Sep 12-13, 2014: participated in the 3 Workshop on *Shaarda Script*, organized by SCSS, JNU, New Delhi.
41. Dec 8-9, 2014: participated in the international conference "Indigenous Languages in India and Canada: Structure, Documentation, and Vitality" organized by Jawaharlal Nehru University, New Delhi and Simon Fraser University, Canada.
42. Dec 09 and 10, 2014: participated in the international workshop 'Revitalizing Endangered Languages: Objectives, Issues, and Strategies', organized by CIIL, JNU and SFU.
43. Dec 11 and 12, 2014: participated in the international workshop on The Syntax and Semantic of Clausal Complementation by Keir Moulton, organized by SFU, JNU and Canadian Govt.
44. Dec 25-26, 2014: participated in the international Workshop on Statistical Machine Translation (Moses) by Hieu Hoang, organized by SCSS, JNU, New Delhi.
45. Feb 24-Feb 25, 2014, participated in *the Language, Emotion and Culture* National Seminar by IIT New Delhi.

46. Feb 18-Feb 19, 2014, participated in 2 Workshop *on Shaarda Script*, organized by SCSS, JNU, New Delhi.
47. Sep 02-04, 2014: attended “The Second International Convention on Ethics in Research on human Subjects: Evolving norms and guidelines for the Indian context” organized by the Institutional Ethics Review Board and JNU.
48. Participated in a three-day workshop on Language, Philosophy and Science in 2014 organized by SCSS, JNU and University of Dartmouth
49. Participated in the two-day workshop *on Sign Language* in 2013 hosted by JNU, New Delhi.

#### **INDUCTION, ORIENTATION, REFRESHER COURSE & FACULTY DEVELOPMENT PROGRAM:**

- ❖ 16<sup>th</sup> Dec-23<sup>rd</sup> Dec, 2021: Counsellors Training Program, Red Cross Bhavan, Bhubaneswar, Odisha.
- ❖ 7<sup>th</sup> Dec-15<sup>th</sup> Dec, 2021: TOT Road Safety Rakshak Program, Govt. of Odisha, India
- ❖ 10<sup>th</sup> Aug-12<sup>th</sup> Aug, 2021: Participated in a state-level Red Cross Refresher Training Program conducted by IRCS, Bhubaneswar, Odisha.
- ❖ 17<sup>th</sup> Aug-30<sup>th</sup> Aug, 2021: participated in a Refresher Course on Language Literature and Cultural Studies (obtained Grade A) organized by the UGC-HRDC of Sambalpur University and sponsored by the UGC, MHRD, India.
- ❖ 28<sup>th</sup> Sep-30<sup>th</sup> Sep; 5<sup>th</sup> Oct-7<sup>th</sup> Oct, 2020: participated in a Faculty Development Program organized by the Dept. of Higher Education, Govt. of Odisha in collaboration with Infosys India Ltd.
- ❖ Jan 28- Feb 17, 2020: participated in 42<sup>nd</sup> Orientation Program (obtained Grade A+) organized by the UGC-HRDC of Sambalpur University and sponsored by the UGC, MHRD, India.
- ❖ Dec 1-15, 2018: participated in an induction Training Program organized by the UGC-HRDC of Utkal University and sponsored by the Department of Higher Education, Govt. of Odisha, India.

#### **SESSION CHAIRS & INVITED TALKS:**

1. 17<sup>th</sup> Dec-19<sup>th</sup> Dec: invited talk on Global Development in Humanities, Education and Civilization, Asia International Conference 2021, Malaysia.
2. Dec 14, 2021: delivered a lecture on “The Linguistic Differences between Sambalpuri and Odia” as the Chief Guest-cum-Chief Speaker of a virtual Talk Series by Swami Vivekananda Loka Sansad, Sambalpur Division, Odisha.
3. Dec 14, 2021: Invited as the Guest of Honor in the Rakshak Program of Road Transportation Authority of Govt. of Odisha organized by RTO, Sundargarh in collaboration with Odisha State Disaster Management Authority.
4. Dec 14, 2021: Invited as the trainer in the Rakshak Program of Road Transportation Authority of Govt. of Odisha organized by RTO, Sundargarh in collaboration with Odisha State Disaster Management Authority.
5. 13<sup>th</sup> Dec-14<sup>th</sup> Dec: invited talk on Health Care and Informatics, in Medical Informatics Conference 2021, Ruddlesway, Windsor, Berkshire, USA.
6. Nov 7, 2021: invited to deliver a talk on “Linguistics Research in Sambalpuri and Odia” the Buk Bug Show (a talk show about the eminent persons of Western Odisha), by Biswajit Pradhan, Bangalore, India.
7. Oct 5, 2021: Invited Talk on “Red Cross Movement” as the Guest of Honor in the Cluster Level Youth Red Cross Volunteers’ Study-cum-Training Program conducted by YRC, Nilashaila College, Rourkela in association with IRCS, OSB.
8. Oct 4, 2021: Invited Talk on “Red Cross Movement” as the Chief Guest in the Cluster Level Youth Red Cross Volunteers’ Study-cum-Training Program conducted by YRC, Rourkela Govt. College (Sec 4) in association with IRCS, OSB.
9. Aug 01, 2021: Invited Talk as the Chief Guest entitled “Demystifying Barriers to English Pronunciation”, organized by MSE, Bargarh.
10. 31<sup>st</sup> Mar-1<sup>st</sup> Apr, 2021: chaired a session in the session *Computational Linguistics II*, NLC-VII, organized by IOSR, Bhubaneswar and Shri Jagannath University, Odisha.
11. Oct 20, 2019: invited talk on the Intersection of Language, Literature and Linguistics, Department of English, Kanhu Charan Degree College, Jajpur, India.
12. Oct 16-21, 2019: presented my talk on POS Annotation in Odia in a World Bank funded OHEPEE 6-day workshop on “*Preparing Digital Historical Corpus Edition: Textual and Corpus Annotation and Computing Tools*”, P.G. Departments of Odishan Studies and English Studies, Ravenshaw University, Odisha, India

13. Oct 15, 21, 2019: presented my talk on Guided Sessions on Annotating Sarala Mahabharata Text in a World Bank funded OHEPEE 6-day workshop on “Preparing Digital Historical Corpus Edition: Textual and Corpus Annotation and Computing Tools”, P.G. Departments of Odishan Studies and English Studies, Ravenshaw University, Odisha, India.
14. Apr 01-03, 2019: invited talk on Theoretical and Applied Linguistics: Issues and Perspectives, P.G. Department of English, North Odisha University.
15. Mar 13-14, 2019: invited talk on Teaching Linguistics and English at PG Level, P.G. Department of English, North Odisha University.
16. Jan 8-10, 2018: Observed a session as a rapporteur in the session *Computational Linguistics*, ICOSAL-13, organized by CIIL, Mysore and IILS, New Delhi.
17. July 6-9, 2017: Observed a session as a rapporteur in the session *Computational Linguistics II*, NLC-IV, organized by IOSR, Bhubaneswar and NIST, Berhampur, Odisha.
18. June 6-7, 2016: invited talk with G.N. Jha, A. K. Ojha & S. Muzaffar, entitled Indo Aryan Languages on IMAGACT, In *MODELACT Conference on Action, Language and Cognition*. National Research Council, Rome.
19. Observed a session as an observer *Session 14: Interpretation of Key Texts*, 22<sup>nd</sup> International Congress of Vedanta, organized by the Center for Indic Studies, Jawaharlal Nehru University, IAS, Dartmouth and CIS, University of Dartmouth, USA.

#### **COURSES TAUGHT & SUPERVISED AS A VISITING FACULTY:**

- Jan 2, 2022: officially inducted as the Academic Counselor of the courses BAEG and MAEG of Odisha State Open University, Sambalpur Odisha.
- Dec 18, 20 & 22, 2021: started teaching two BA courses British Romantic Literature (109) and British Literature: 19<sup>th</sup> Century of IGNOU, the People’s University of JKBC College, Cuttack as the Academic Counselor of the BA course.
- Oct 22, 2021: started teaching a course entitled “English Communication and Lab” for MCA students of SUIIT, Sambalpur University for the session 2020-21 for 20 hours as a visiting faculty on virtual mode.

#### **ORGANIZING PROGRAMS / PROGRAM COMMITTEE MEMBER:**

- ❖ Dec 01, 2021: Felicitation Ceremony of Padmashree Mitrabhanu Gountia at Government College, Sundargarh on behalf of Youth Red Cross as the Convenor Secretary.
- ❖ Sep 28-30, 2021: organized Cluster Level Youth Red Cross Volunteers’ Study-cum-Training Program at Govt. College, Sundargarh in collaboration with Indian Red Cross Society, Odisha State Branch, Bhubaneswar.
- ❖ Jul 24-25, 2021: program committee member of 7<sup>th</sup> International Conference on Software Engineering (SOFT-21), London, United Kingdom. (<https://icaita2021.org/soft/committee>)
- ❖ Sep 14, 2020: organized an international webinar on “Reflections on Contemporary Literary Theory and Criticism”, at Dept. of English, Govt. College, Sundargarh in collaboration with Dept. of Higher Education, Odisha, India.
- ❖ 18th Sep, 2019: organized a state-level seminar on “Narration, Narrative and Narratology: Changing Perspectives through the Other Lens”, jointly by Department of English, Odia and Sanskrit, Govt. College, Sundargarh, India.
- ❖ Oct 15-17, 2015: Organizing Committee Member of the International Conference of the Linguistics Society of India (ICOLSI-37) organized by the Center for Linguistics, Jawaharlal Nehru University (JNU) in collaboration with CIIL and LSI.

#### **REVIEWING RESEARCH PAPERS:**

- Oct 29, 2021: joined as a reviewer of International Journal of Research and Scientific Innovation (IJRSI) (2321-2705).
- Jul 24-25, 2021: Reviewed papers as a program committee member of 7<sup>th</sup> International Conference on Software Engineering (SOFT-21), London, United Kingdom.

#### **ADMINISTRATIVE EXPERIENCE:**

- ❖ District Convenor Secretary of Youth Red Cross, Sundargarh from 31<sup>st</sup> August, 2021

- ❖ Youth Red Cross (YRC) Counselor of Government College, Sundargarh from academic session 2019-20 and 2020-21
- ❖ Member of Research Committee of Government College, Sundargarh from academic session 2019-20 and 2020-21
- ❖ Member of Student Grievance Cell, Student Advisory Bureau and Internal Compliance Committee of Government College, Sundargarh from academic session 2020-21
- ❖ Assistant Coordinator of Career Counseling Cell of Government College, Sundargarh from academic session 2019-20 and 2020-21
- ❖ Board of Editors of “the Sharabha” magazine of Government College, Sundargarh from academic session 2019-20.

#### **DATA COLLECTION:**

- Collected data for the School Study Project about New Era High School in Secunderabad during B.Ed. (2012-13), EFLU, Hyderabad, India.
- Collected data in Hyderabad slum areas in the Community Study project in collaboration with Divya Disha, an N.G.O. and EFLU, Hyderabad.
- Collected data about a school child suffering from Suicidal Tendency in the Case Study Project, E.F.L.U, Hyderabad, India.

#### **TECHNICAL EXPERIENCE:**

- Basic-level programming skills (Python and R)
- Well-versed with MS Office, MS Word, and the fundamentals of computers.
- Well-known & comfortable with the Internet working skills.
- Well-acquainted with Notepad++, Toolbox, Lexique Pro and Regex.
- Familiar with ELAN, Language Explorer, Audacity, Praat and Praat R.
- Familiar with Beyond Compare.
- Familiar with Baraha Editor.
- Conditional Random Fields Algorithm (developed Odia & Sambalpuri POS Taggers).
- Support Vector Machines Algorithm (developed Odia & Sambalpuri POS Taggers).
- Neural Networks
- Google’s Tensor Flow API

#### **OPERATING SYSTEMS:**

- Well-familiar with Microsoft Windows 07, 08, 8.1, 10, Unix-Linux and Mac.

#### **EXTRA-CURRICULAR:**

- Topped the department of English for consecutive two academic sessions at B.A. and M.A. levels in G.M. Autonomous College, Sambalpur, Odisha, India.
- Actively participated in poetic symposiums at school & college levels, & have also won several prizes.

#### **ACHIEVEMENTS:**

- Felicitated as the Guest of Honor on Oct 4, 2021 in the Cluster Level Youth Red Cross Volunteers’ Study-cum-Training Program conducted by YRC, Nilashaila College, Rourkela association with IRCS, OSB.
- Felicitated as the Chief Guest on Oct 4, 2021 in the Cluster Level Youth Red Cross Volunteers’ Study-cum-Training Program conducted by YRC, Rourkela Govt. College (Sec 4) in association with IRCS, OSB.
- Felicitated by Paschimanchal Ekta Manch during the 3<sup>rd</sup> National Sambalpuri Language Conference held at Madri Kalo Bhavan, Sundarharh, Odisha, India
- Awarded ‘Research Excellence Award’ by Institute of Scholars for the year 2019-20, an ISO 9001-2015 certified Institute by International Accurate Certification, Accredited by UASL.
- Awarded M.Phil. (Master of Philosophy) degree with Grade “A” in Linguistics entitled *Odia Parts of Speech Tagging Corpora: Suitability of Statistical Models* to the Center for Linguistics, Jawaharlal Nehru University, New Delhi, India, July, 2015.

- Awarded one of the best teaching aids exhibitors on the “Annual Day Teaching Aids Exhibition Session 2012-13” organized by the Department of Education, the EFLU, Hyderabad, India.
- Qualified UGC-NET in Linguistics for the year June 2014, UGC, Ministry of HRD, Govt. of India.
- Completed National Institute of Health Web-based training course “Protecting Human Research Participants (PHRP)” on 11/25/2014, certification no. 1625639.
- Submitted successfully M.A. dissertation no. 1 entitled “A Comparative Study of the Conditionals in Odia and English” to the Post-graduate Department of English, Gangadhar Meher Unitary University, Sambalpur, Odisha, India.
- Submitted successfully M.A. dissertation no. 2 entitled ““Flying Saucer” “Udantaa Thaalaa” by Dr. Godabarisha Mohapatra translated into English” to the Post-graduate Department of English, Gangadhar Meher Unitary University, Sambalpur, Odisha, India.

### **CORPUS, TOOLS & RESOURCES:**

- Developed a Sambalpuri-Kosli Lexicon to be uploaded as a web-based platform.
- Two statistical Parts of Speech Taggers for Odia language applying Conditional Random Fields and Support Vector Machines Algorithms.
- First statistical Parts of Speech Taggers for Sambalpuri language applying Conditional Random Fields and Support Vector Machines Algorithms.
- First machine readable corpus (annotated) developed for Sambalpuri.
- First statistical Named Entity Recognizers for Odia and Sambalpuri.
- First Parts of Speech (POS) tag set developed for Sambalpuri.
- First dependency parser (Paninian and Universal) for Odia

### **MEMBERSHIP:**

- Lifetime Member of the Linguistics Society of India (LSI) since 2015 (ICOLSI-37), Mysore, India.
- Member of the International Conference of Natural Language Processing (ICON) since 2015, IIIT, Hyderabad.
- Life Member of the Dravidian Linguistic Association (DLA) since 2018-19, India
- Life Member of the Institute of Scholars (since 2020), certified Institute by International Accurate Certification, Accredited by UASL.

### **SKILLS:**

- Fluent and expert in Sambalpuri, Odia, English and Hindi; can type in these languages with a great speed.
- Basic-level competence in Bengali, Sanskrit & Bhojpuri.

### **INTERESTS:**

Reading magazines, composing poetry, playing Cricket and acting, enhancing general knowledge, updating current affairs

### **REFEREES:**

Dr. Girish Nath Jha (girishjha@jnu.ac.in)

Professor and Head

Special Center for Sanskrit Studies (SCSS)

Concurrent Faculty

Center for Linguistics (CL), JNU, New Delhi, India

Phone (O): 26741308, 26738834

Fax: 26741308

Dr. Kamadeba Sahu (kamdebasahu8@gmail.com) mob: 9437158568

Reader in English Literature and Head

Department of English

Gangadhar Meher University, Sambalpur, Odisha, India

**PERSONAL DETAILS:**

<b>Marital Status</b>	Single
<b>Gender</b>	Male
<b>Father's Name</b>	Late Shree Narasingh Behera
<b>Mother's Name</b>	Late Shrimati Ramabati Behera
<b>Nationality</b>	Indian
<b>Religion</b>	Hindu
<b>Date of Birth</b>	07.06.1989
<b>Blood Group</b>	A positive

**Place:** New Delhi

**Signature:** Pitambar Behera

**Last Updated:** 01.02.2022