CURRICULUM VITAE

Dr. Yang Saring,
Assistant Professor,
Department of Electronics & Communication Engineering,
National Institute of Technology Arunachal Pradesh.
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Educational Qualifications:

Examination	Discipline/ Specialization	School/college	Board/ University	Year of Passing
PhD	Error Control	NIT Arunachal Pradesh	NIT Arunachal Pradesh	2017
M.Tech	Digital Signal Processing	IIT Guwahati	IIT Guwahati	2007
BE	Electronics	Dr.D.Y.Patil College of Engg. and Tech., Kolhapur	Shivaji University	2004
Intermediate	Science and Maths stream	Govt. Higher Sec. School, Dambuk	C.B.S.E.	2000
S.S.C	S.S.C	Govt. Higher Sec. School, Dambuk	C.B.S.E.	1998

Academic Experience:

Duration: 11th April 2013 till date (9 years & 4 months).
Name of Post: Assistant Professor.
Employer: National Institute of Technology, Arunachal Pradesh.
Subject Taught:
- Principle of Communication Engineering
- Digital Communication
- Mobile & Wireless Communication
- Telecommunication Engineering
- Signals & Systems
- Digital Signal Processing.

M.Tech Projects guided (awarded): 10
B.Tech Projects guided (awarded): 6
PhD: 1 (Current)

Administrative Experience:

- Chairman Central Purchase Committee, from 13.02.2018 to 27.08.2021
- HoD, ECE Department, from 02.08.2017 to 23.08.2019
- Faculty Incharge Scholarship Cell, from 31-07-2015 to 01-08-2017

Industrial Experience:

Years of experience: 5 years & 9 months
Name of Post: Technical Lead.
Employer: Samsung India Software Operations Pvt. Ltd, Bangalore.
Development and Maintenance of NAS Protocol for Connection Management (Call Control, Supplementary Services, Short Message Service) & Mobility Management for multimode Mobile Equipment supporting LTE/UMTS/GSM/CDMA/HDR

List of Publications:
Journals:

1. Ranita Khumukcham, **Yang Saring**, C. T. Bhunia, "Multiple-route APC scheme for data communication", International Journal of Advanced Electronics & Communication Systems Approved by CSIR-NISCAIR, ISSN NO: 2277-7318, Vol 4, 2015.
2. **Yang Saring**, Yaka Bulo, C. T. Bhunia, "New Modifications of Aggressive Packet Combining Scheme with improved performance", International Journal of Applied Engineering Research (Scopus Indexed), Vol. 10, N0. 17, 2015, pp. 37610-37615.
3. Ranita Khumukcham, Abhinandan Goswami and **Yang Saring**, "Four new protocols for achieving better correction capability of APC scheme", ICCSP 2015.
4. Ranita Khumukcham, **Yang Saring** and Abhinandan Goswami, "Combined APC-PC scheme for random and time varying channels", ICCSP 2015.
5. Yaka Bulo, **Yang Saring**, C.T.Bhunia, "Horizontal and Vertical Packet Combining Scheme: Proposal and study," International Journal of Applied Engineering Research (Scopus Indexed) Vol. 10, N0. 18, 2015, pp. 38918-38922.
6. **Y. Saring**, C. T. Bhunia, "Adaptive Packet Combining Scheme for Multi-path Wireless Sensor Networks" International Journal of Applied Engineering Research (Scopus Indexed), Vol. 10, N0. 24, 2015, pp. 44436-44439.
7. **Y. Saring**, C. T. Bhunia, "Aggressive Packet Combining using Cross Packet Coding to Improve Error Resilience" International Journal of Applied Engineering Research (Scopus Indexed), Vol. 11, No. 6, 2016, pp. 4309-4313.
8. A. Goswami, **Y. Saring**, C. T. Bhunia, "Aggressive Packet Combining in multipath routing to achieve higher throughput and error correction rates", International Journal of Electrical, Electronics and Data Communication, Vol. 4, No. 1, pp. 26-30, Jan 2016.
9. A. Goswami, Srikanta Dash, **Y. Saring**, "Packet Combining and APC using Decode and Forward Relay over Wireless Networks", International Journal of Computer Applications, Vol. 140, No. 3, pp. 45-49, April 2016.

10. Yaka Bulo, **Yang Saring**, C. T. Bhunia, "APC-PC Combined Scheme in Gilbert two State Model: Proposal and study." Journal of the Institution of Engineers (India), series B, DOI 10.1007/s40031-016-0269-x, 2017.
11. **Yang Saring**, Yaka Bulo, and C. T. Bhunia, "Adaptive Packet Combining Scheme in Three State Channel Model", J. Inst. Eng. India Ser. B, Volume 99, Issue 1, Pages 1-6 , 2018, Feb, doi: 10.1007/s40031-017-0312-6.
12. **Yang Saring**, C. T. Bhunia, "Selection Combining-based Packet Combining Schemes for Multi-path Diversity System", Journal of The Institution of Engineers (India): Series B, 102(1), 123-129, February 2021, DOI 10.1007/s40031-020-00503-3.

Conferences/Book Chapters:

1. S. Bordoloi, **Y. Saring**, "Spectral analysis of vowels of Adi language of Arunachal Pradesh", 2nd International Conference on Electronics, Materials Engineering and Nano-Technology, IEMENTech 2018, Kolkata, May 4-5, 2018, pp. 1-4.
2. R. Khumukcham, **Y. Saring** and A. Goswami, "Combined APC-PC scheme for random and time varying channels," in Proceeding IEEE International Conference of Communication and Signal Processing, Melmaruvathur, Tamil Nadu, Apr. 2015. pp. 358-60.
3. R. Khumukcham, A. Goswami and **Y. Saring**, "Four new protocols for achieving better correction capability of APC scheme," in Proceeding IEEE International Conference of Communication and Signal Processing, Melmaruvathur, Tamil Nadu, Apr. 2015, pp. 741-5.
4. Sajal Sasmal, **Yang Saring**, "Spectral Analysis of Consonants in Arunachali Native Language—Adi", Elecronics Systems and Intelligent Computing, Springer, 783-790, 2020, ISBN/ ISSN No. 1876-1100.