

Research/Publication:

No of articles published in international journals:

Sl. No	Year	Paper Title, Author(s), Journal, Volume no., Page no, Year
1	2005	“Modeling and analysis of an extrinsic Fabry-Perot interferometer cavity” , By T.K.Gangopadhyay, S.Mandal, K.Dasgupta, S.K.Ghosh, T.K.Basak, Published in Applied Optics, New York, Vol 44, Issue 16, 3192-3196, June 2005
2	2006	“A Generalized Approach for Modeling and Analysis of Ring-Resonator Performance as Optical Filter”, By S.Mandal, K.Dasgupta, S.K.Ghosh, T.K.Basak. Published in Optics Communications, Elsevier, 264 (2006) 97-104.
3	2007	"Modeling and Analysis of Fiber Optic Ring-Resonator Performance as Temperature sensor”, By S.Mandal, S.K.Ghosh, T.K.Basak. Published in Sensors and Transducers Journal, IFSA, Vol. 82, Issue 8, August 2007, pp 1431-1442.
4	2007	“Fabry-Perot interferometer performance as temperature sensor for use in electrical power system applications”, by Sanjoy Mandal, Published in Sensors and Transducers Journal, IFSA, Vol. 83, Issue 9, September 2007, pp 1535-1540.

No of articles published in national journals:

Sl. No	Year	Paper Title, Author(s), Journal, Volume no., Page no, Year
1	2001	Development of a fiber optic Non- contact rotation sensor for calibration of Energy meter – Dr S. K. Ghosh, Dr. A Rakshit, J C Dutta , S Mandal , S Chakraborty in IEI Engineers vol 82, pp 29-32 ,November 2001.

No of articles published/presented in international conferences/proceedings

Sl. No	Year	Paper Title, Author(s), Conference Details.
1	2008	“A Wide FSR Triple Ring-Resonator Performance as Optical Filter” by Sanjoy Mandal, PHOTONICS-2008 held in IIT New Delhi, December 13-17, 2008.
2	2006	“Study and analysis of ring resonator performance as optical filter” by Sanjoy Mandal, A.Sharan, A.Banerjee, S.Dutta, Tapas Kumar Basak, Shyamal Kumar Ghosh PHOTONICS-2006 held in Hyderabad University, December 13-16, 2006.
3	2006	“Modeling and Analysis of Fiber Optic Ring-Resonator Performance as temperature sensor,” by Sanjoy Mandal, Tapas Kumar Basak, Shyamal Kumar Ghosh PHOTONICS-2006 held in Hyderabad University, December 13-16, 2006.
4	2005	“Modeling and Analysis of Fiber Optic Ring-Resonator Performance as Optical Filter” by S. Mandal, S.K.Ghosh, T.K.Basak. Presented in International conference on Optics and Optoelectronics to be held on IRDE Dehradun, India , December 12-5, 2005
5	2004	“Modeling and analysis of an extrinsic Fabry-Perot interferometer performance using MATLAB”.- by S.Mandal, T.Gangopadhyay, K Dugupta. S.K.Ghosh, T.K.Basak. Presented in International conference PHOTONICS-2004 held in KOCHI.
6	2001	“Study of fiber optic Non- contact rotation sensor for calibration of Energy meter “– by Dr S. K. Ghosh, Dr. A Rakshit, J C Dutta , S Mandal , S Chakraborty Presented in International Conference Control, Instrumentation & Information Communication 2001 , Dec. 13-15 at Science city, Kolkata .

No of articles presented in national conferences/seminars

Sl. No	Year	Paper Title, Author(s), Journal, Volume no., Page no, Year
1	2008	“Introduction of A Wide FSR Double Ring-Resonator Performance as Optical Filter” By Sanjoy Mandal, FECIT2008, Held in Indian School of Mines University, Dhanbad on 13-15 October, 2008
2	2005	“Modeling and analysis of a Fabry-Perot interferometer performance as temperature sensor for use in electrical power system applications”, by S.Mandal, T.K.Basak, S.K.Ghosh , Presented in RAPSPE-2005 , Jointly organized by Department of Electrical Engineering, College of Engineering and Management, Kolaghat, and The Institute of Electrical Engineers[IEE](U.K) Kolkata Branch, August 20, 2005