
AUTHOR'S PUBLICATIONS AND PRESENTATIONS

1. **S. K. Sharma**, N K Singh, U Singh, H Khatun, N Kumar, MK Alaria, RS Raju, PK Jain and AK Sinha, "Evaluation of cathode-heater assembly for 42 GHz,200kW Gyrotron", Frequentz Journal, Germany, Vol. 68, Issue 9-10, pp. 441-444, February 2014.
2. **S. K. Sharma**, Sudha Gupta, U Singh, N Sahu, N Shekhawat, D Srivastava, H Khatun, MK Alaria, PK Jain and AK Sinha, "Design and development of test collector used in gun-collector module for MIG testing of 42 GHz, 200 kW Gyrotron", Int. J. of Engineering Science and Innovative Technology (IJESIT), Vol. 3. Issue 5, pp. 355-362, September 2014.
3. **S. K. Sharma**, U Singh, N Kumar, N Sahu, N Shekhawat, D Srivastava, MK Alaria, PK Jain and AK Sinha, "Electron beam misalignment study of MIG for 42 Ghz, 200 kW Gyrotron", Journal of Fusion Energy (under review).
4. Sudha Gupta, **S. K. Sharma**, U Singh, N Sahu, N Shekhawat, D Srivastava, H khatun, MK Alaria, A Bera, and AK Sinha, "Design and development of test collector used in a magnetron injection gun assembly (MIGA) of a gyrotron", Int. J. of Electronics and Communication Technology (IJECT), Vol. 6, Issue 1, Spl. 1, Jan-March 2015.
5. **S. K. Sharma**, N Kumar,N Sahu, MK Sharma, P Singh, R Prakash, D Srivastava, A Mishra, U Singh, Vishant, H Khatun, MK Alaria, PK Jain and AK Sinha, "Development of Gun-Collector module for 42 GHz, 200 kW Gyrotron" presented in NIECE-2013 at Arya College Of Engg. &I.T.Jaipur.During 22-23 Feb. 2013.
6. **S. K. Sharma**, N Kumar, P Singh,R Prakash, Srivastava, A Mishra, U Singh, Vishant, H Khatun, MK Alaria, PK Jain and AK Sinha "Finalization of Ceramic-metal joints in MIG for 42 GHz, 200 kW Gyrotron" presented in International Conference on Ceramics, ICC-12at GEC,Bikaner during12-13 Dec.2012.
7. **S. K. Sharma**, A Kumar, S Saini, V Singh, TP Singh, N Kumar,U Singh, H Khatun, MK Alaria, RS Raju and AK Sinha, "Evaluation of Cathode-Heater Assembly of 42 GHz, 200 kW Gyrotron" presented in International Conference at ICMARS-2012, Jodhpur during 11-13 Dec.2012.
8. **S. K. Sharma**, Ashutosh, B Jha, AK Sinha and PK Jain, "Characterization of gyrotron MIG-A Review", National Workshop on Vacuum Electron device and Application VEDA 2010 at CET-IFTM Muradabad held during 18th to 19th Nov. 2010.

9. N Singh, **S. K. Sharma**, R Prakash, P. Singh, D. Srivastava, U. Singh, NK.Sahu, M.Sharma, N.Kumar, A.Mishra, Vishant, H.Khatun, M.K.Alaria and AK Sinha, "Development of Lab prototype of Gyrotron" presented in I.I.T-Roorkee in VEDA-2013 conference during Oct. 18-20, 2013.
10. H Khatun, USingh, N Kumar, NK Sahu, **S. K. Sharma**, A Mishra, RR Rao and AK Sinha, "High Voltage Analysis of Magnetron Injection Gun (MIG)". Proceeding of International Conference on Engineering Education in the new century (E2NC-2012), Sir J.C.Bose School of Engineering SKFGI, Hoogly, West Bengal. February 03-04,2012.
11. Hasina Khatun,U Singh, Narendra Kumar, Naveen K Sahu, Deepak K Srivastava, Manoj Kumar, Ravi Poonia, P Singh, **S. K. Sharma**, Alok Mishra, Vishant Dwivedi, Mukesh K Alaria and Ashok K Sinha, "Recent Experimental Results of Magnetron Injection Gun (MIG) for 42 GHz,200 kW Gyrotron" 14th International Vacuum Electronics Conference (IEEE-IVEC-2013) to be held at Paris,France during 21-23 May 2013.
12. Udaybir Singh, U Goswami, H Khatun, N Kumar, N Singh, A Kumar, V Yadav, MK Sharma, A Mishra, **S. K. Sharma**, MK Alaria, A Bera, RR Rao and AK Sinha, "Design of 42 GHz, 200 kW Gyrotron", International Vacuum Electronics Conference, IEEE-IVEC, May 18-20, 2010, California, U.S.A.