

**National Conference on 100 year of Millimeterwaves and Sir J C Bose**

**Organized by**

**International Centre for Radio Science**

**“OM NIWAS” A-23 Shastri Nagar**

**Jodhpur – 342003**

**Tel. 91-291-613123**

**16<sup>th</sup> and 17<sup>th</sup> December 1998**

**Tentative Programme**

**16<sup>th</sup> December 98**

Session 1	10.00 – 11.00 Hrs
	Inauguration and Keynote address
	Keynote by Shri V P Sandlas
	Theme address about Sir J C Bose: Prof. A K Sen
Tea Break	11.00 – 11.30 Hrs
Session 2	11.00 – 13.00 Hrs.
	Radio waves and Sir J C Bose
	Speaker
	1. Dr. Soma Sarkar – Radio Frequency Radioation – The end of innocence
	2. Dr. B B Biswas – Electromagnetic waves and response in plants
	3. Dr. J Behari – Biological effects of radio waves
	4. Dr. D P Rao – National Scenario in Microwave Remote Sensing
Lunch Break	13.00 – 14.00 Hrs.
Session 3	14.00 – 15.30 Hrs.
	Radar and Sir J C Bose
	Speaker
	1. Dr. G K Deb – to be obtained
	2. Dr. G Cleetus – Slotted waveguide Array Technology for Radar Application
	3. Shri S S Rana – To be obtained
	4. Dr. S R Ramaswami – Relevance of EMI/EMC for Today’s Electronics

Tea Break 15.00 – 16.00 Hrs  
Session 4. 16.00 – 17.30 Hrs  
Radio waves communication and Sir JC Bose  
Speaker  
1. Shri R. Singh – Antenna System for Satellite Communication  
2. Dr. V Shrivastava – Design of linearized TWTA for space communication  
3. Dr. S Pal - To be obtained.

### Second Day

Session 5. 9.30 - 11.00 Hrs.  
Millimeter wave Application and Sir J C Bose  
Speaker  
1. Dr. H N Bandhopadhyay – Advances in millimeter waves tubes and their applications  
2. Dr. H O Gautam – To be obtained  
3. Dr. A S Bains – Recent Trends in Millimeter waves Technologies and Applications

Tea Break 11.00 – 11.30 Hrs

Session 6. 11.30 – 13.00 Hrs.  
Industrial application of Radio waves and Sir J C Bose  
Speaker  
1. Dr. S N Joshi – Microwave Tubes and its applications  
2. Dr. B K Sinha – To be obtained  
3. Dr. K N Sankara – Solar power satellite  
4. Dr. D D Bhawalker – to be obtained

Lunch Break 13.00 – 14.00 Hrs.

Session 7 14.00 – 15.30 Hrs.  
Panel Discussion  
The impact of the works of Sir J C Bose on the Indian Scientific Community in Today's Context

Tea 15.30 – 16.30 Hrs.