

Name: Dr Chelluri Bala Subrahmanya Dutt (Dr CBS Dutt)

Age: 55 years

Present Position & Experience: 30 yrs experience

- Scientist / Engineer 'G' / Dy Programme Director, ISRO-GBP on Climate Change
- Project Director, Astrobiology Balloon Experiments on "Origin of Life"
- Programme Coordinator – Megha Tropique Satellite

Qualifications:

- **MSc, Ph D** (Environmental Sciences) 1982
- Diploma in Photogrametry, Cartography and Remote Sensing from IIRS Dehradun

Professional Distinctions:

1. **Vice President to the National Institute of Ecology**, Allahabad (1990-1993)
2. Elected **Fellow of National Institute of Ecology (FNIE)**

Research Guidance:

- Guided 4 Ph D students and 15 M.Tech theses.
- Adjudicator for several Ph D theses & M Tech theses
- Reviewer for journals of 1) Current Science 2) Geophysical Research Letters 3) International Journal of Remote Sensing 4) Indian Journal of Remote Sensing & 5) Intl Journal Of Earth System Science 6) Atmospheric environment.

Scientific Distinctions:

- Lead scientist for developing satellite based methodologies on National Forest Cover mapping, wasteland mapping, Agro-climatic zone mapping and bio-diversity mapping in the country.

Publications:

1. 60 Research Publications.
2. **Project Leader and authored nearly 75 technical reports** on Remote Sensing and environmental studies.

Distinctions on:

1. Represented India in the Copenhagen Climate Negotiations from ISRO.
2. **Project Director** for Astrobiology Balloon Experiments on "**Origin of Life**" and **developed an electro-mechanical payload capable of collecting stratospheric air samples at 40 Km.**
3. Chief Scientist of SK254 Marine Aerosol Campaign in Bay of Bengal.
4. An expert committee member served for the finalization of Saturation radiances of IRS sensor systems for IRS-1A, 1B & IRS-1C.
5. Member of Vision 2020 expert committee for Forestry & Environment in AP (2000)
6. Member of expert committee in EIA evaluations of thermal Power plants in the country having 250MW capacity and above during 1995-2000(MoEn)