

# **Prof. Kushal Kumar Baruah**

## **Professor & Dean**

School /Dept. Name: Royal School of Environmental & Earth Sciences

## **Research Interests:**

Environmental stress, Green house gas emission and mitigation from Agriculture Sector and Carbon Sequestration of terrestrial ecosystem.

Joined the University: Oct, 2018

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## **About**

Assistant Professor & Coordinator, Department of Environmental Science, Assam Royal Global University

Experience in years: 45 years (Academics)

Qualifications: B.Sc. Botany (J B College Jorhat, Assam)

M.Sc. Botany (Gauhati University, Assam)

PhD: Plant Physiology from Punjab Agricultural University, Ludhiana in 1979

Postdoc: Moscow State University, Moscow (Russia) from 1986 to 1989

Visiting Scientist (INSA/CAS) at Institute of Atmospheric Physics, Beijing, China during 2008.

Visiting Scientist (CSIR) at National Physical Laboratory, New Delhi during 1997 to 1999.

## **Awards:**

1. Recipient of Environmental Science Academy gold medal in 2019.
2. Prof K K Nanda memorial gold medal for his outstanding scientific contribution in Plant Physiology awarded by Indian Society for Plant Physiology, New Delhi during 2017 and 2018
3. NESAscientist of the Year Award 2016, by the National Environmental Science Academy.
4. J.C.Bose Gold medal for outstanding research contribution in Plant Physiology by Indian Society for Plant Physiology, 2015

## **Research Publications:**

Total research papers (both national & international):	160
Book Chapters:	10
Conference papers:	57
Popular scientific articles in newspapers and magazines:	20
Book (in Assamese):	02

**Projects:** Completed 06 National Projects

## **Research Guidance:**

Guided M.Sc. (Agri.) students =	14
Guided Ph. D. Research Scholars =	20
Ph.D. Research Scholars working =	05
Guided M.Sc. (Env.Sc.) project students =	25

**Membership of Academic Societies:**

1. Life member of Indian Society for Plant Physiology, 1984
2. Life member of Indian Science Congress, 1984
3. Life member of Assam Science Society, 1990
4. Life member of the Society for Science for Climate Change and Sustainable Environment, 2011
5. Life member of the National Academy of Environmental Sciences, India
6. Fellow of Indian Society for Plant Physiology (FISPP)
7. Member of National Academy of Sciences, India (MNASc), 2008
8. Member Botanical Society of Japan, 2011