

## Criteria 7.2:

### Best Practice 1: Conferment of Tirthanath Sarma & Nirmala Devi Excellence Award upon eminent personalities on 68<sup>th</sup> Foundation Day of Pragjyotish College.




Dr. Uddhab Kumar Bharali receiving Nirmala Devi Excellence Award 2021 from Hon'ble Education Minister Govt of Assam Dr. Ranaj Pegu, for making credible contributions in the socio-economic sphere of the State through your remarkable innovations.




**Dr. Kamalendu Deb Krori thanking for Tirthanath Sarma Excellence Award 2021, for making credible contributions in the academic sphere via online video conference.**

Padma Shri



**SHRI UDDHAB KUMAR BHARALI**



Shri Uddhab Kumar Bharali is known across the state of Assam and also by various national and global agencies for around 142 innovations like Encapsulated Direct Paddy Sowing system, Mini Tea Plant for small tea growers, the self feeding and cleaning machine for persons without hands, Reusable Napkins for poor ladies, Pomegranate De-seeder, Portable Paddy Transplanter, Low cost incinerator, Portable paddy thresher, Detention Chair for mentally challenged persons, Cocoon opener, Ginger and areca nut peeling machine etc.

2. Born on April 7, 1962, Shri Bharali, driven by the innovation zeal from his college days. He obtained D.Sc. from Assam Agriculture University and Ph.D from Assam Kaziranga University. He also served as Director, Centre for Technology Innovation and Incubation in the two prestigious Universities of Assam i.e. Dibrugarh and Tezpur Universities. He established a machine design and research centre, UKB Agrotech which speaks of his professionalism and dedication to serve the society with the invention of person/profession and eco-societal limitations through cost and operation effective state of the art innovative machinery design. He also established a philanthropic research center for design of different gadget for differently able persons named as UKB comfort.

3. Shri Bharali also runs a philanthropic trust—UKB TRUST, to support economically under-privileged families for livelihood support out of the revenue he earns through his innovative-machineries. He also runs an Old age home. So far 17 documentary on his life by different national and international agencies namely, BBC, DISCOVERY, HISTORY (OMG) NFD, ETC. were made on his life and work for the mankind. Worth mentioning, a book on his life "Innovation and humanity" by Assam Science Writers Association. Hailing from a relatively remote area of Assam, Sri Bharali could successfully filed three patents (registered already through National Innovation Foundations), besides earning twice the distinction of being one of the top ten innovators in the list of International Tech Brief Create the future Design Contest for his innovations of the pomegranate de-seeder and the detention chair for mentally challenged persons.

4. Due to his people and society friendly innovations as well as his scientific perseverance and aptitude, Shri Bharali has been honoured by many front runner institutions in the form of engaging him as guest faculty, technical consultant/technology developer. Institutions seek for his presence as a "Motivational Speaker". Many of the Govt. and private sector Institute has sought his assistance for development of appropriate technology for the common people. He has dedicated his life to serve the common people with technology innovation. Worth mentioning more than 1000 people got employment through his innovation technology. Many of the Differently abled persons have become comfortable in their life with his innovation technology. Serving the Differently abled people has always been his top priority job. This noble activity was extensively covered in BBC, OMG, and NFD and Doordarshan documentaries.

5. Shri Bharali is the recipient of various prestigious awards namely the President's National Grassroot Innovation Award, 2009, Techbrief "create the future design" award 2013 and 2014, Shri Samman - Master Innovator Award by NIF, India, Meritorious Invention Award by NRDC, Rastriya Swayamshiddhi Shri Samman, Prayukty - Ratna Title by Assam Sahitya Sabha, Role model award By Pragati-19 jointly by student council ISC and Think India, Excellence Award by Mahatma Gandhi University, Chief Minister's Best Awardee, NICT perfect - 10 award by AIP media group, ERDF excellence award, Achievers - 15 award and many more.

Dr. K. D. Krori (Bio-data in brief)

- 1) First Class M. Sc in Physics from Calcutta University, Kolkata (1953).
- 2) Ph.D by independent research in Theoretical Physics from Jadavpur University, Kolkata (1971). *Pioneered research in theoretical physics in the North-East.*
- 3) Published 150 research papers in prestigious research journals of USA, Canada, U.K., Italy, Holland and India.
- 4) (a) Produced 16 Ph.D.s who are working in Gauhati University, Cotton College and some other colleges of Assam, Meghalaya and West Bengal.  
(b) Guided 14 others to publish papers in international journals. They, however, left without completing Ph.D. work.
- 5) Honoured with prestigious Dr. H. C. Bhuyan award in Physical Sciences by Assam Science Society in 1990.
- 6) Honoured with Emeritus Fellowship by University Grant Commission, New Delhi, in Physics (1991-1993).
- 7) Felicitated as an eminent physicist by the Physics Academy of the North East in 2001.
- 8) Honoured with National Teacher Award in 2010.
- 9) Inducted into the Telegraph Education Foundation Hall of Fame 2019 (Kolkata).
- 10) Felicitated as an eminent mathematical physicist by the Assam Academy of Mathematics in 2019.
- 11) Member, New York Academy of Sciences, New York (USA).
- 12) Member, Assam Subordinate Services Selection Board (since dissolved) (1991).
- 13) Retired as Principal, Cotton College, Guwahati (1987-1991).
- 14) Founder-Director, Srimanta Shankar Academy, Guwahati (1992-2003) (college and school).
- 15) Member, Editorial Board of Indian Journal of Physics, Kolkata (1997-2000).
- 16) Referee of some research journals of USA, Canada, Holland and India (upto 2005).
- 17) Authored  books on
  - a) Relativity (M.Sc. level) -Prentice Hall (Delhi)
  - b) Quantum Mechanics (M.Sc. level)-Prentice Hall (Delhi)
  - c) Heat and Thermodynamics (B.Sc. Hons. level)-NCBA (Kolkata).
  - d) Physics (HS level)-Macmillan (out of print)
  - e) Philosophical Strands in Physics---Theoretical Physics Foundation (Guwahati)
- (18) *Honoured with Vaidika - Raychaudhury award by Indian Association for Geospatial Relativity and Gravitation (Pune) in 2020.*
- (19) *Translated Shri Shri Ramakrishna Kathavrita from Bengali into Assamese during (1987-2001) and Nanghoxa (authored by Shri Nishikanta) and Assamese into Bengali during (2017-2020).*
- (20) *Awarded Academic Physics Prize 2021 by Don Bosco University, Guwahati.*



**OFFICE OF THE PRINCIPAL**  
**PRAGJYOTISH COLLEGE**

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recognized under Sections 2(f) and 12(B) of the U.G.C. Act, 1956]

GUWAHATI – 781 009, ASSAM

Email: [principal@pragjyotishcollege.ac.in](mailto:principal@pragjyotishcollege.ac.in)

Phone: 98649-80654

Ref.: PC/35/ 2021/129

Date: 24/08/2021

**From:**

**Dr. Manoj Kumar Mahanta**  
**Principal**  
**Pragjyotish College, Guwahati – 781 009**

**To:**

**Dr. Kamalendu Deb Krori**  
**Lachit Nagar, Bye-Lane 7**  
**Guwahati – 781 007, Assam**

Sub: Conferment of Tirthanath Sarma Excellence Award 2021

Dear Sir

Accept our warm greetings on behalf of Pragjyotish College Fraternity !!

I am indeed happy to convey that Pragjyotish College, established on 01<sup>st</sup> September 1954, is planning to celebrate the **68<sup>th</sup> Foundation Day** celebrations on **01.09.2021 (Wednesday)** with a day-long program.

Keeping in consonance with the program and starting this year, the college has embarked upon a flagship program to confer two (2) annual awards upon eminent personalities, who has remarkable contributions in their own fields of activities and expertise. For this year, we have nominated you for the **Tirthanath Sarma Excellence Award 2021**, for making credible contributions in the academic sphere.

The aforesaid award consists of a citation, trophy and a cash award of Rupees Twenty Five Thousand. The cash award is being instituted by the family members of Late Pandit Tirthanath Sarma and Nirmala Devi.

I, on behalf, of the entire Pragjyotish College community extend my heartfelt wishes to you and request you kindly to be personally present on the occasion for receiving the award.

Thanking you,

Yours sincerely,

**(Dr. Manoj Kumar Mahanta)**  
Principal, Pragjyotish College



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Ref.: PC/35/ 2021/130

Date: 24/08/2021

**From:**

**Dr. Manoj Kumar Mahanta**  
**Principal**  
**Pragjyotish College, Guwahati – 781 009**

**To:**

**Dr. Uddhab Kumar Bharali**  
**Ward No. 11, Bhairab Nagar, K.B. Road**  
**North Lakhimpur, Pin: 787 001, Assam**

Sub: Conferment of Nirmala Devi Excellence Award 2021

Dear Sir

Accept our warm greetings on behalf of Pragjyotish College Fraternity !!

I am indeed happy to convey that Pragjyotish College, established on 01<sup>st</sup> September 1954, is planning to celebrate the **68<sup>th</sup> Foundation Day** celebrations on **01.09.2021 (Wednesday)** with a day-long program.

Keeping in consonance with the program and starting this year, the college has embarked upon a flagship program to confer two (2) annual awards upon eminent personalities, who has remarkable contributions in their own fields of activities and expertise. For this year, we have nominated you for the **Nirmala Devi Excellence Award 2021**, for making credible contributions in the socio-economic sphere of the State through your remarkable innovations.

The aforesaid award consists of a citation, trophy and a cash award of Rupees Twenty Five Thousand. The cash award is being instituted by the family members of Late Pandit Tirthanath Sarma and Nirmala Devi.

I, on behalf, of the entire Pragjyotish College community extend my heartfelt wishes to you and request you kindly to be personally present on the occasion for receiving the award.

Thanking you,

Yours sincerely,

**(Dr. Manoj Kumar Mahanta)**  
Principal, Pragjyotish College

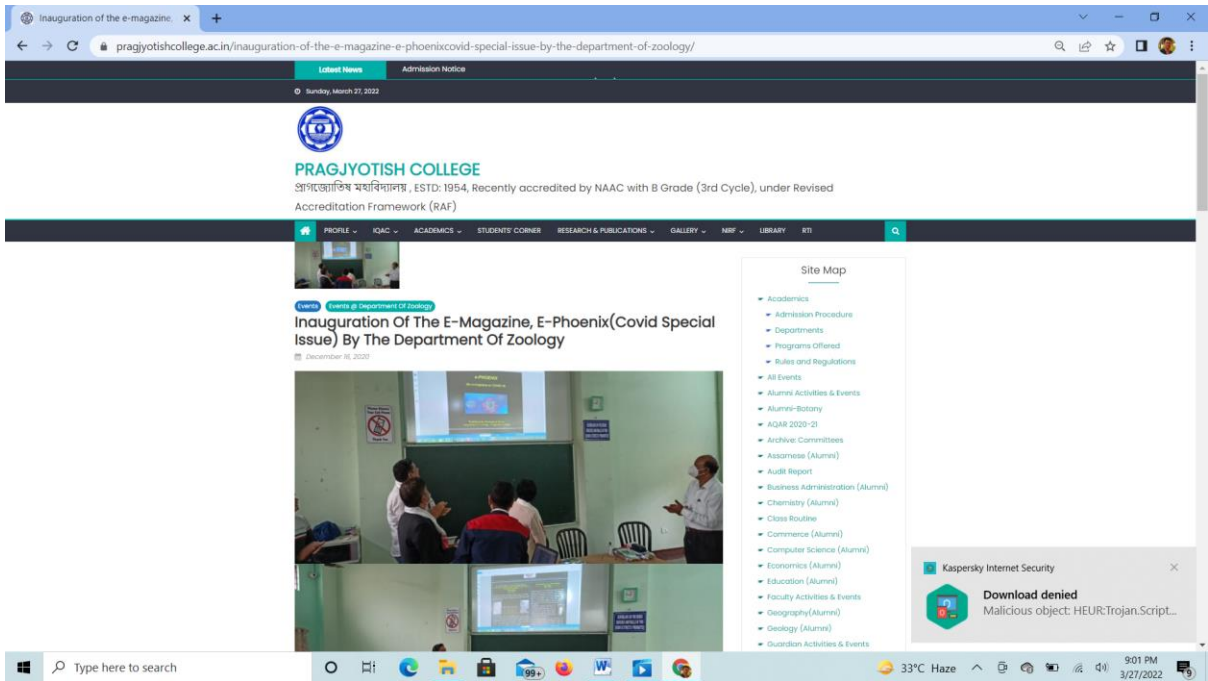
# Best Practice 2: Departmental publications

The screenshot shows a web browser displaying the Pragjyotish College website. The URL is [http://pragjyotishcollege.ac.in/annual-newsletter-plantae\\_department-of-botany/](http://pragjyotishcollege.ac.in/annual-newsletter-plantae_department-of-botany/). The page features the college's logo and name, along with accreditation information. A navigation menu includes links for Profile, IQAC, Academics, Students' Corner, Research & Publications, Gallery, NBF, Library, and BTE. The main content area displays a news item titled "Annual Newsletter "Plantae" Department Of Botany" dated February 1, 2022. It includes a small image of a group of people. A "Site Map" sidebar on the right lists various categories like Academics, Departments, and Programs Offered. The Windows taskbar at the bottom shows the search bar, system tray, and date/time (8:58 PM, 3/27/2022).

Plantae Newsletter by Botany Department

The screenshot shows a web browser displaying the Pragjyotish College website. The URL is <http://pragjyotishcollege.ac.in/release-of-boson-and-psi/>. The page features the college's logo and name, along with accreditation information. A navigation menu includes links for Profile, IQAC, Academics, Students' Corner, Research & Publications, Gallery, NBF, Library, and BTE. The main content area displays a news item titled "Release Of "BOSON" And "PSI" dated December 6, 2020. The text describes the release of the 4th volume of the BOSON newsletter and the PSI magazine, mentioning the presence of the Principal, Vice-Principal, and various faculty members. It also mentions the lighting of a lamp and the inauguration of the PSI magazine. A small image shows a group of people at the event. A "Site Map" sidebar on the right lists various categories like Academics, Departments, and Programs Offered. The Windows taskbar at the bottom shows the search bar, system tray, and date/time (8:56 PM, 3/27/2022).

Release of BOSON & PSI by Chemistry Department



**Inauguration Of The E-Magazine, E-Phoenix(Covid Special Issue) By The Department Of Zoology**