



ACHARYA NARENDRA DEV COLLEGE

(UNIVERSITY OF DELHI)

KALKAJI, GOVINDPURI, NEW DELHI, 110019

NIRF RANKING 2023- 21 | NAAC ACCREDITED GRADE A+ | DBT STAR STATUS COLLEGE

INNOVATIVE PRACTICES UNDER THE AEGIS OF DBT STAR COLLEGE SCHEME



RESEARCH ECOSYSTEM AT ANDC



PHD REGISTERED 45

PHD SUBMITTED 25

POST-DOCTORATE 02

SPIE Student Chapter:

- Special grant of USD5000 and USD4000 to organize Optics Outreach Activity Student Awarded Officers'
- Travel Grant of USD 2500 each year to attend Optics and Photonics Conference at San Diego, USA – last 7 years



FOCUS ON UG RESEARCH



STUDENTS INVOLVED IN UG RESEARCH PROJECTS 317

RESEARCH PUBLICATIONS BY UG STUDENTS 10

BOOK CHAPTERS 02

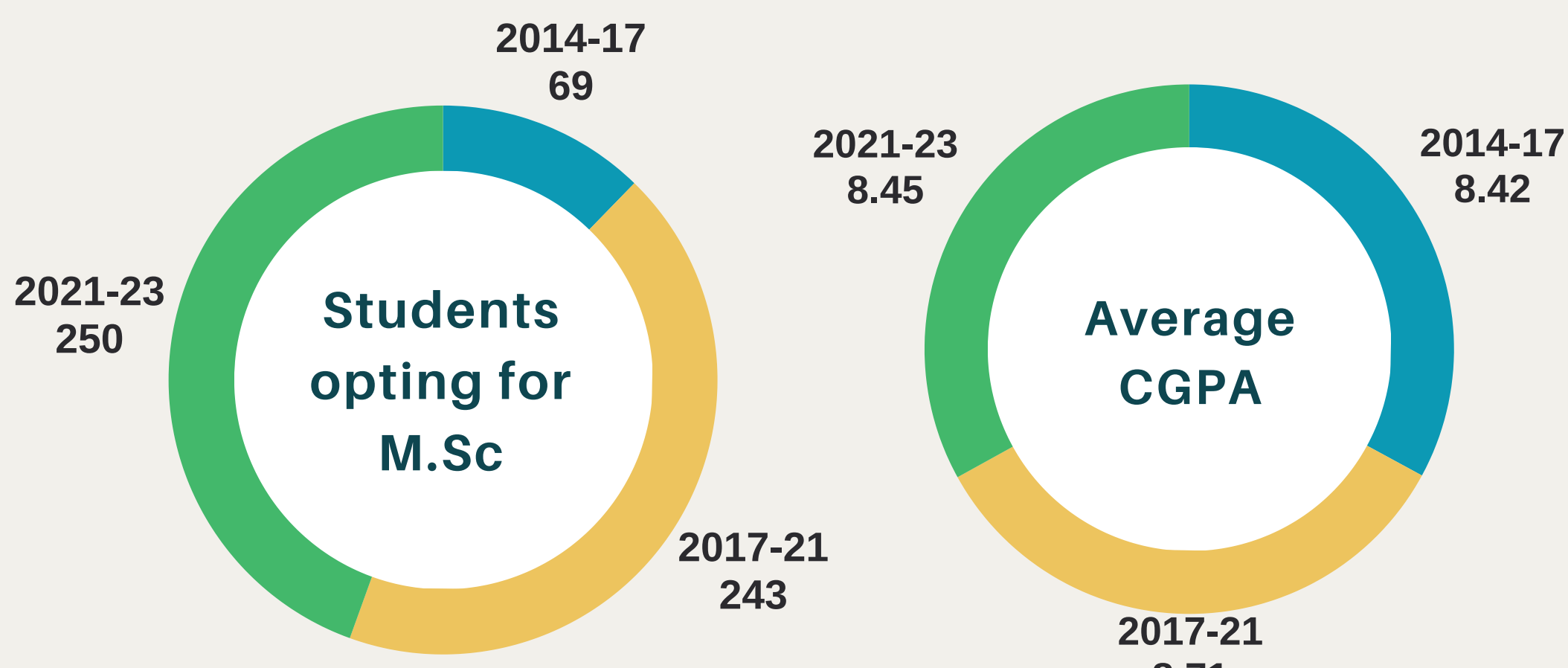


PAPER PRESENTED IN NATIONAL & INTERNATIONAL CONFERENCES AND AWARDS WON 33

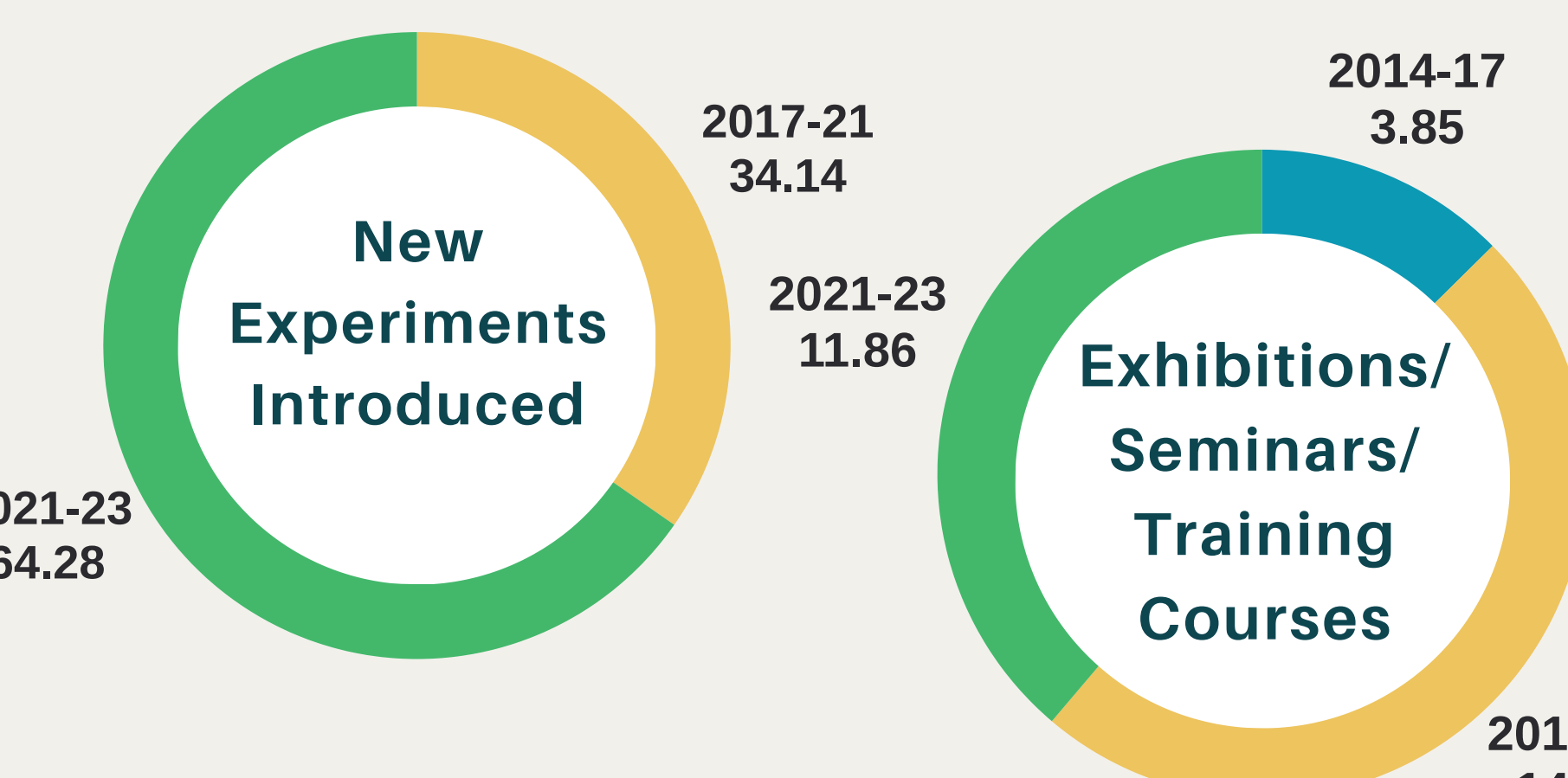
UG & PG DISSERTATIONS 31

IMPACT OF DBT STAR STATUS

Student Performance and interest toward Higher Studies



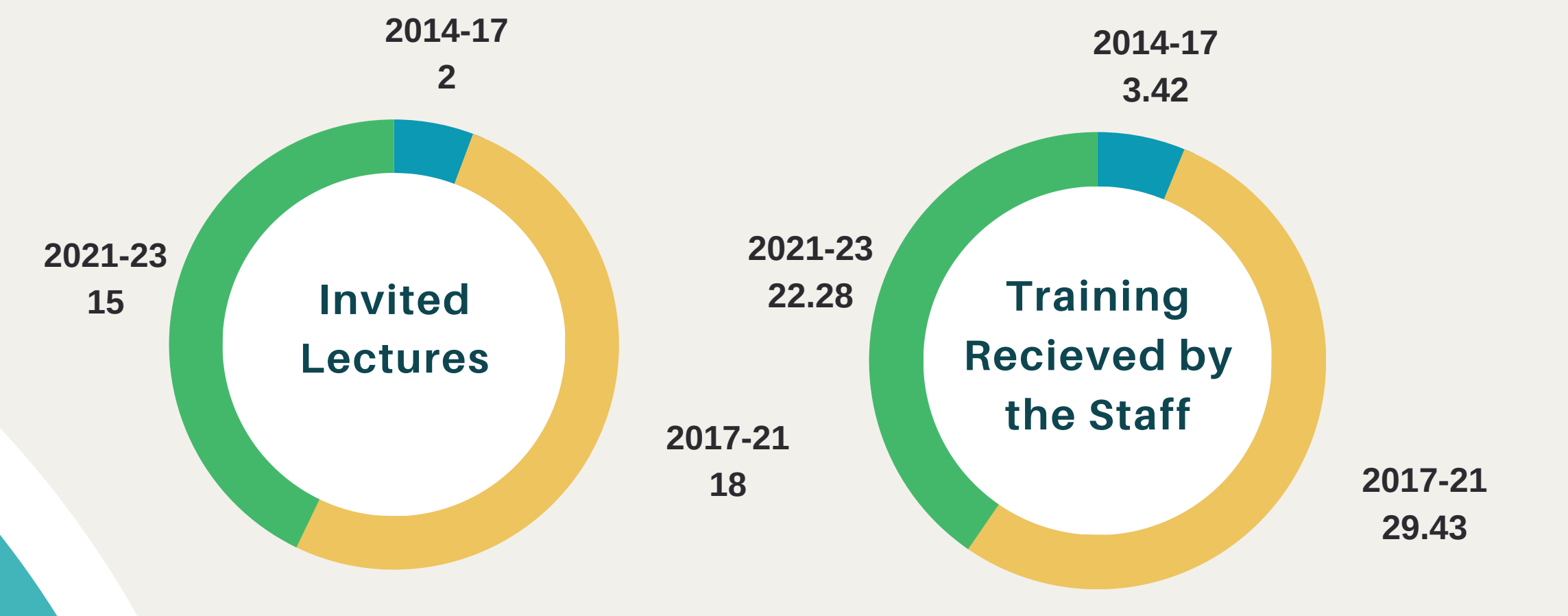
Exposure to newly introduced experiments



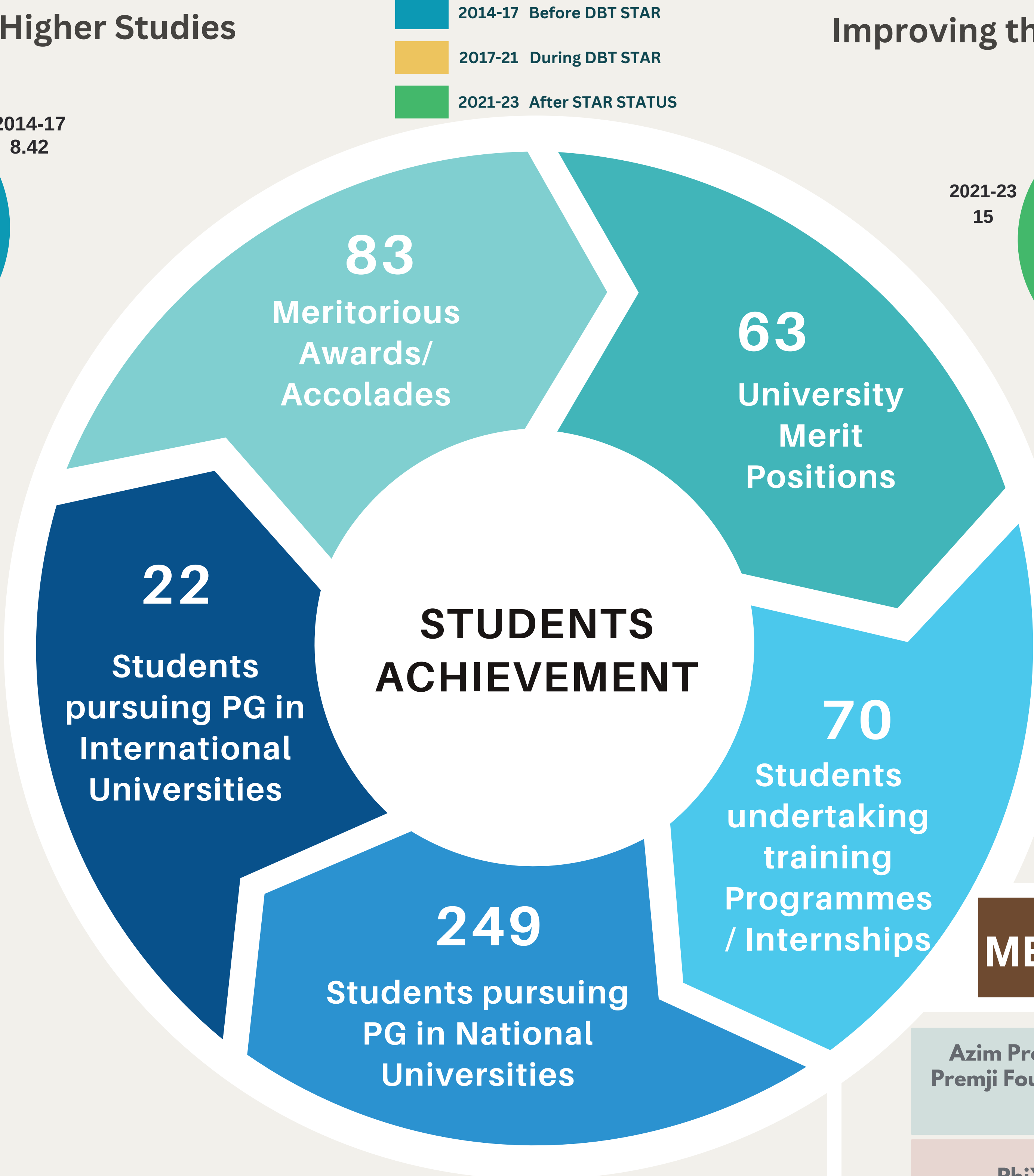
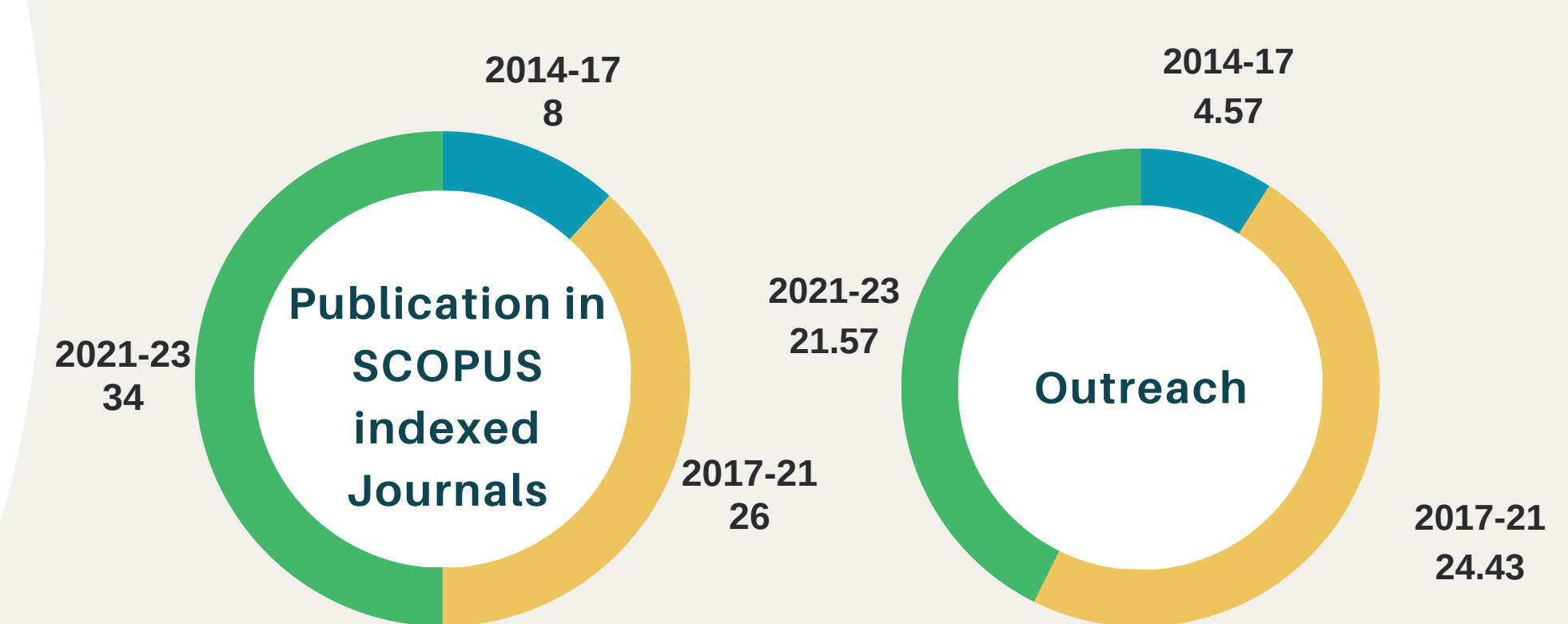
Exposure to Interdisciplinary Research for UG Students



Improving the knowledge base of students and staff



Academic Improvement of Teaching Staff



MEMORANDUM OF UNDERSTANDING

Azim Premji University and Azim Premji Foundation for Development, Bengaluru	INTERNATIONAL	Auburn University, Montgomery, USA
PhiXgen Pvt. Ltd., India		CCGN (Creative Commons Global Network)
THSTI (Translational Health Science and Technology Institute)		
NII (National Institute of Immunology)		
Entrepreneurship Cell, School of Open Learning, University of Delhi		
Monster.com India Pvt. Ltd.	NATIONAL SCIENCE SETU	

OUTREACH ACTIVITIES

EDUCATIONAL VISITS 155

ACHARYA NARENDRA DEV COLLEGE
University of Delhi
NAAC Grade 'X' | NIRF Ranking 2021 - 20 | DBT STAR College

"ECOVILLE"
Lighting Young Minds
an outreach program for school students on February 27, 2022

International Microsphere Day
MICROSPHERE 2.0
AN INTERNATIONAL OUTREACH PROGRAM
17th September, 2022

NOVA IVF Southend

VIRTUAL LEARNING HUB

V-Lab @ ANDC

- Physical Sciences
- Computer Science
- Biological Sciences
- Chemical Sciences

VIRTUAL LABS CREATED 63

UG STUDENTS INVOLVED 43

BOOTCAMPS CONDUCTED 05

E-CONTENT CREATED 55

EDUCATIONAL VIDEOS 06

VISION FOR FUTURE

- Student centric:**
- Popularizing scientific concepts among school students via dedicated hands-on workshops
 - Ignite a flavor of research in the minds of young UG students
 - Inculcate a team spirit in the students
 - Development of more virtual-labs and e-content for students.
 - Career guidance through interaction with alumni in different walks of life
- Faculty and Staff centric:**
- Promote skill upgradation of faculty members through participation in various faculty development programs
 - In-house advance training program for non-teaching laboratory staff
 - Training program for school teachers
- Institute centric:**
- Enhance capabilities of core instrumentation resources by procuring latest equipment and upgradation of existing facilities, focus on MoUs for collaborative research, educational and training activities and to promote networking and strengthening of ties amongst research laboratories and institutions for resource sharing and increased efficiency.
- Society centric:**
- Develop a communication model based on open dialogue amongst scientists, technology providers and citizens with the aim to learn from each other's experience and to enable co-operative planning vis-à-vis dissemination of education