

Evaluation of FIST Programme of DST-2012

Level – O for 'College as a whole' (College – 066)

Dr.T.M.Joseph
Principal

NIRMALA COLLEGE MUVATTUPUZHA

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

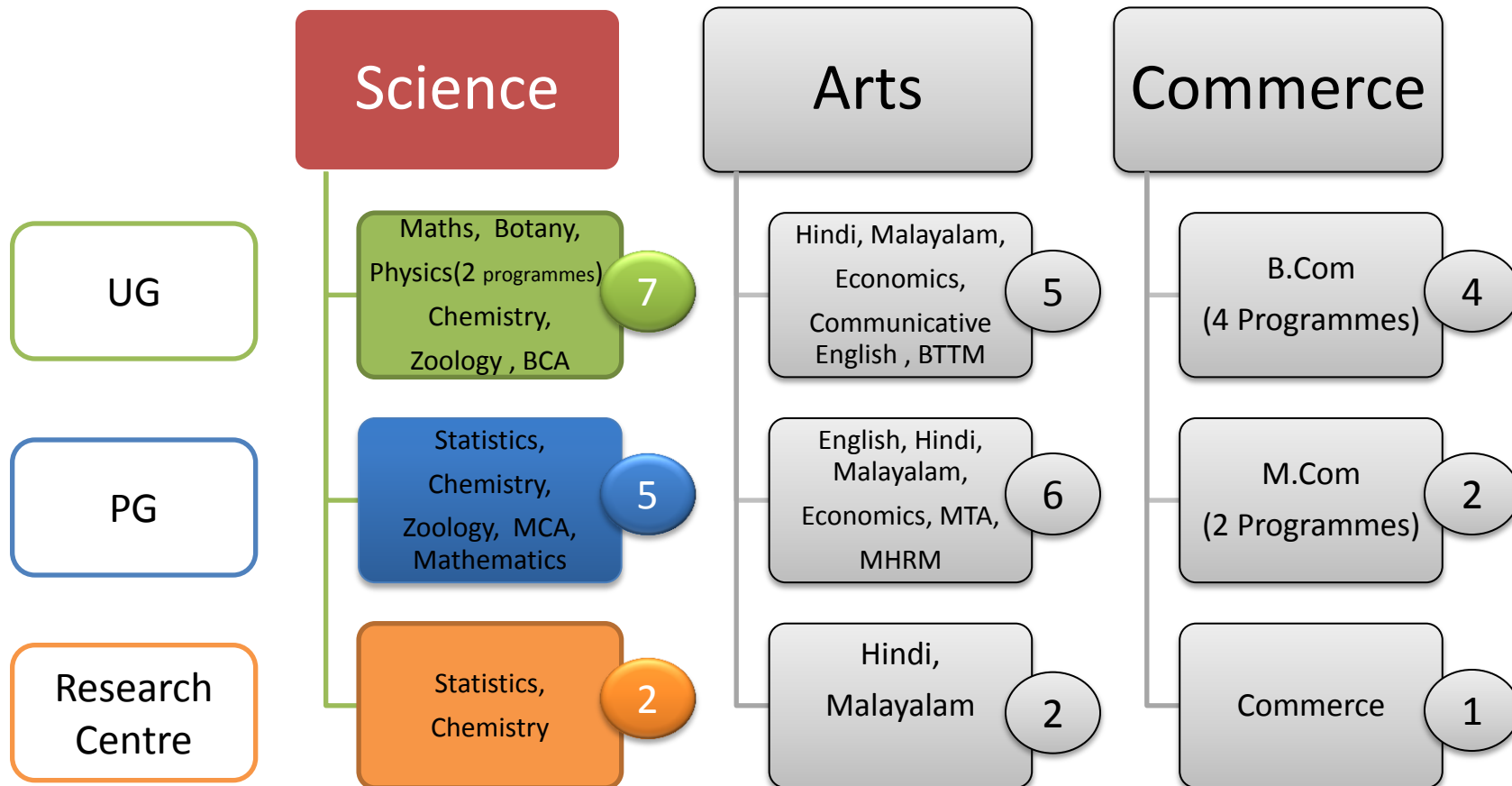
Established in 1953 ,NAAC Re-accredited with 'B' Grade

Recognized under section 2 (f) and 12 (B) of UGC Act

www.nirmalacollege.ac.in



Programmes & Facilities



Total Built-up Area

> **2.5 Lakhs Sq. feet**

Fully automated central **Library** with **OPAC** and **INFLIBNET** facility

Library Books

- **65,879**

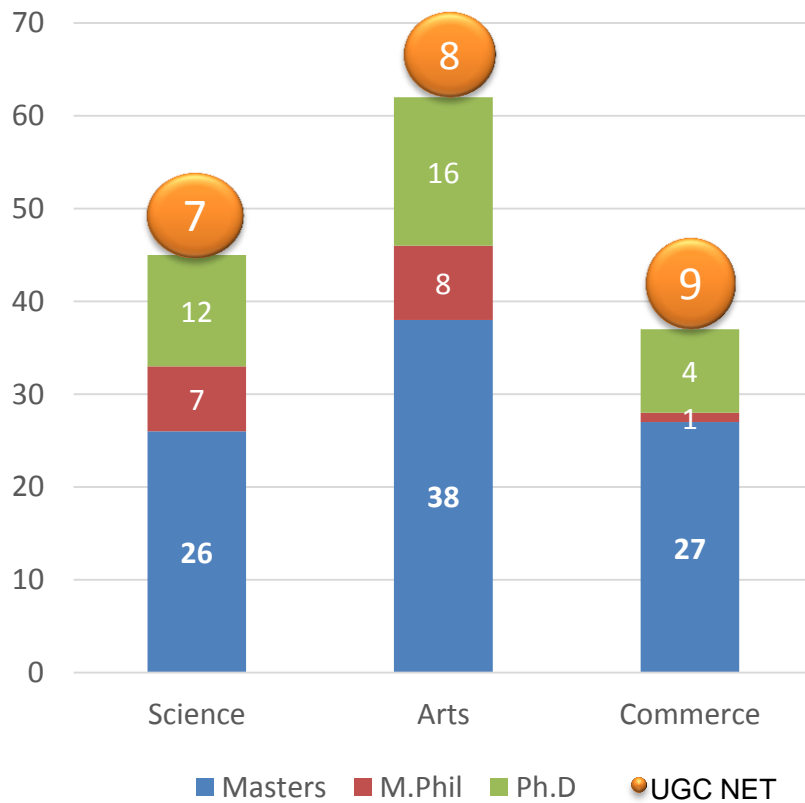
Journals and periodicals

- **150**

Academic Profile

Academic Achievements

Faculty Qualifications



2013-2016

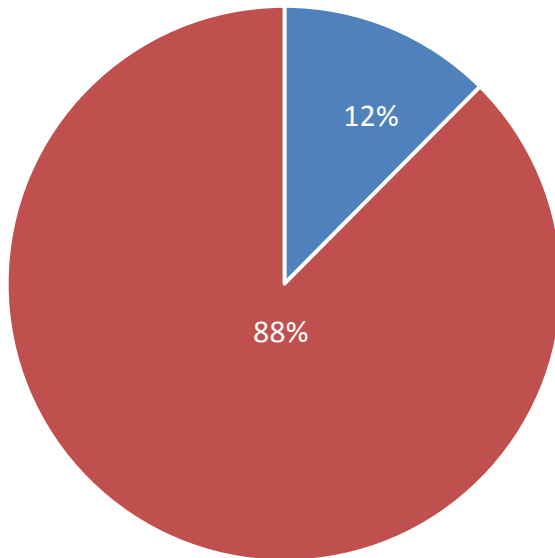
- Seminars organized
 - National -11
 - State -04
 - Inter collegiate -25
- Collaborative Research
 - International -02
 - National -02
- Research and Development Cell and a Publication Division (NARP)
 - **Published 15 issues of the journal “Science & Society”**
- Mass Education Programme -01
(Victor’s Chanel, Govt. Kerala)

Profile of Students

Total No. of Students	2750	Total Science Students	- 870
Minority Students	59.82%	Women Students	-65.15%
SC/ST Students	12.93%		

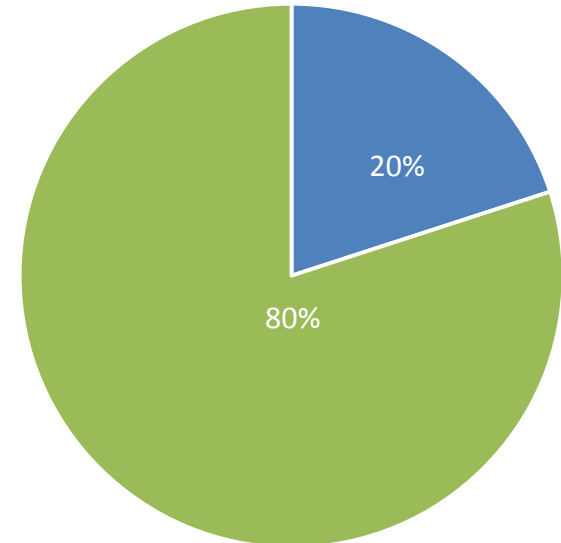
Examination Results : Science Subjects (2015)

UG



■ Fail ■ Pass

PG



■ Fail ■ Pass

Research Publications

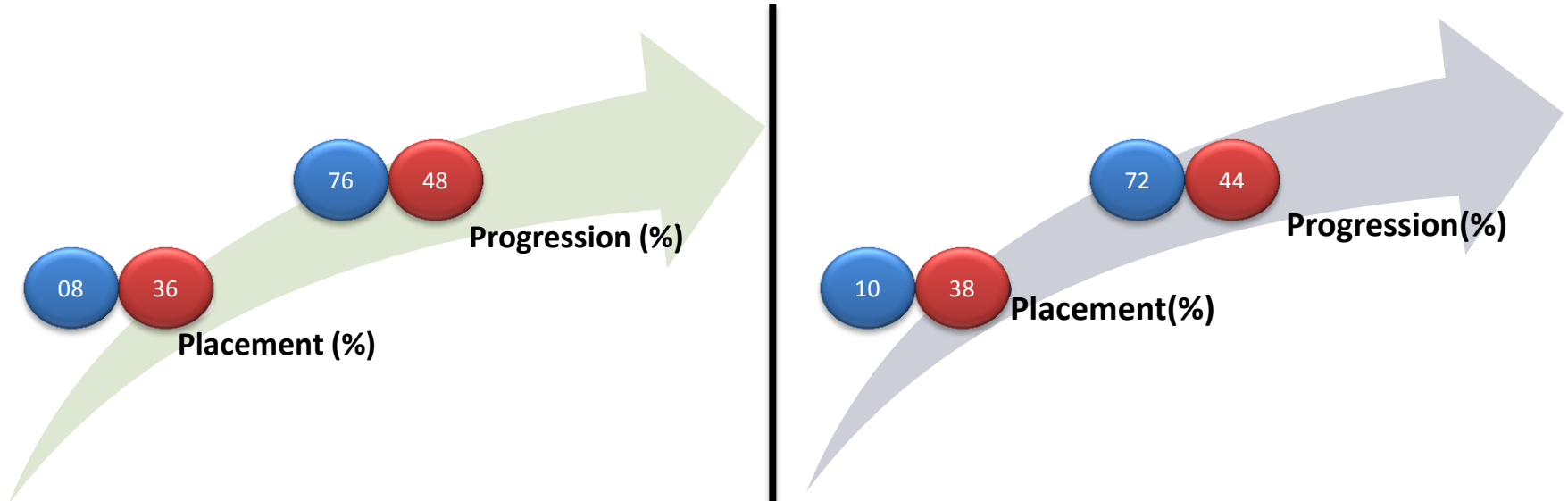


Student Achievements

Science

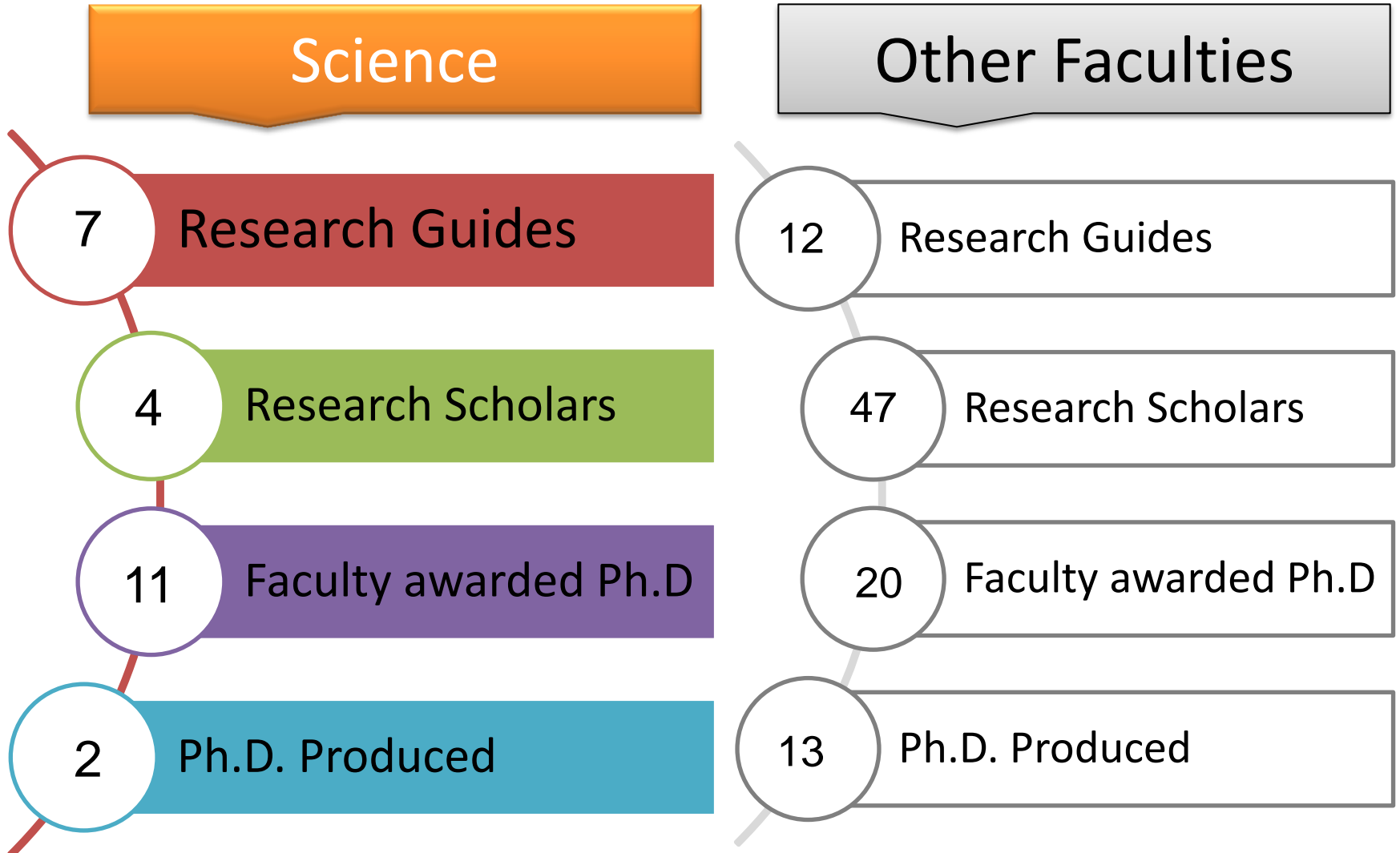
UG PG

Others



	Science	Others
NET	05	34
SET	07	20

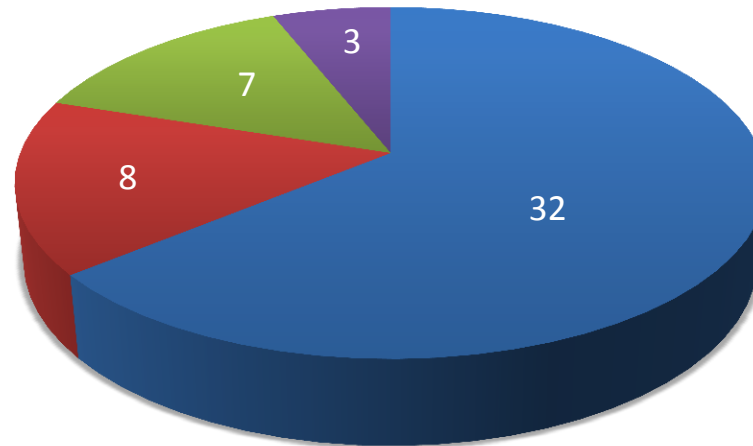
Number of Ph.D Produced & On-going



FIST

Amount Sanctioned (Lakhs)

SR/FIST/College-123/2012dated 15/11/2012 (FIST Programme -2012 (328))



■ Equipments ■ Infrastructure ■ Networking ■ Maintenance

Amount Received

Dy.No 100/IFD/4775/2013-2014 dated 26.09.2013

Equipment	-32 Lakhs	Infrastructure	-0.50 Lakhs
Networking	-7 Lakhs	Maintenance	-Nil

List of Equipment Installed

Chemistry

- Vacuum rotary Evaporator, Polarimeter, DO meter, Deioniser, Electronic balance.. etc

Stat / Math

- Smart Boards

Zoology

- Ultra Centrifuge, UV trans-illuminator, Stereoscopic Zoom Microscope, UV Spectrophotometer, Camera, Autoclave, Microtome, Horizontal gel electrophoresis .. etc

Physics

- Fiber Optic Experiment Kit, He-Ne Laser, Grating Digital Trainer, Lux meter, Microprocessor ,ADC interfacing and stepper motor, Spectrometers, Ballistic Galvanometer ...

Botany

- Stereoscopic zoom microscope and Camera

Equipment installed

- 6 items
- Rs. 1040689

Chemistry



- 2 Items each
- Rs.99330 x 2

Stat/Maths



- 15 Items
- Rs.580528

Zoology



- 27 Items
- Rs. 1079105

Physics



- 2 Items
- Rs. 248560

Botany

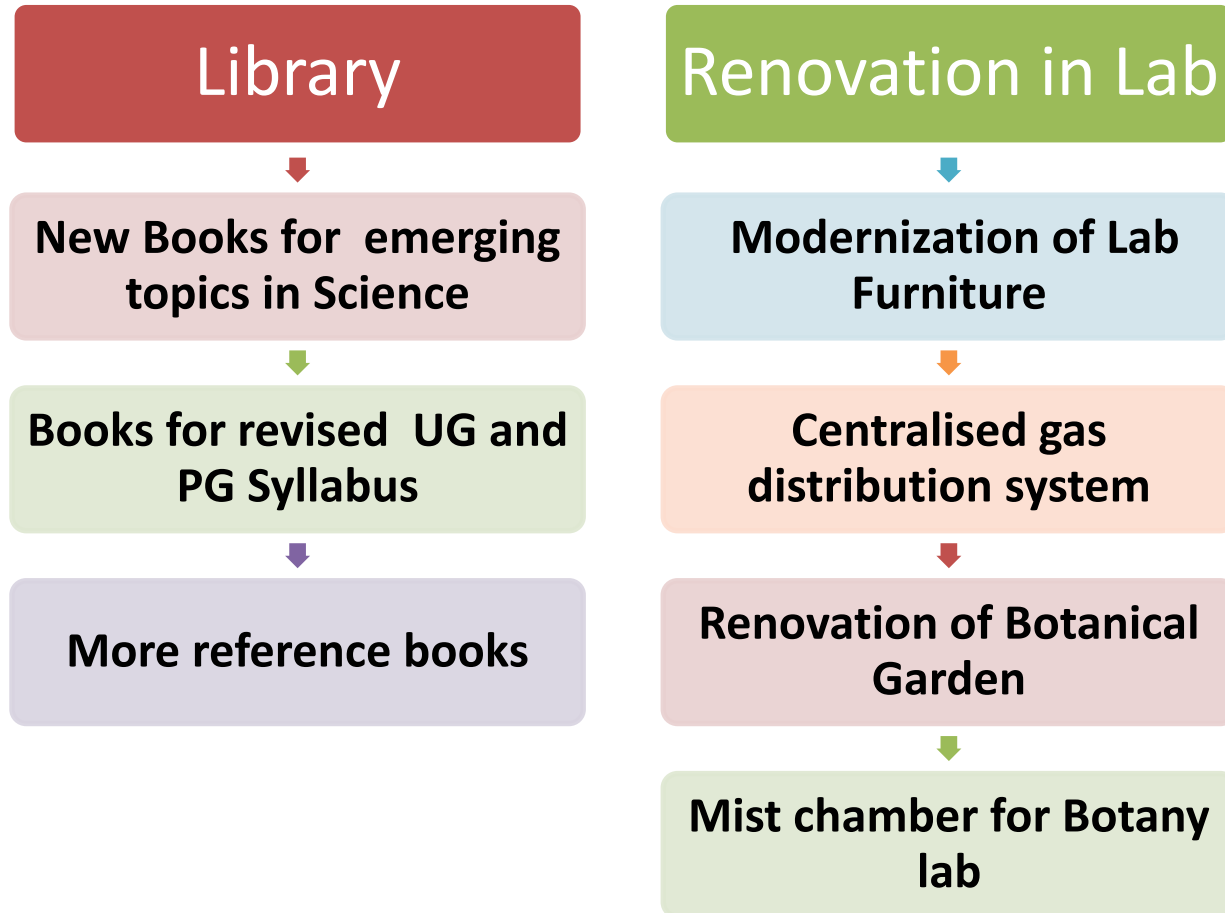


- 30 PC + UPS
- Rs. 717020

Computer
Lab



Impact of FIST Support



Impact of FIST Support

Teaching

- Introduced 20 new class room experiments
- New training programs and workshops with new lab facilities
- 5 Students cleared JRF-NET examination
- LCD Projectors and Interactive Board are used for ICT enabled Teaching

Research

- 40 International and 19 national research articles and 12 Books
- 10 National and 25 State level workshops /seminars
- Awarded 15 Doctoral degrees from research centers
- Two new research projects utilizing the infrastructure facilities created with FIST
- 60 PG students from various colleges and universities were given project internships

Computing Facility

- Improved computing facility for UG ,PG and Research scholars
- Wi-Fi coverage in main locations
- More students undertaking MOOC programs by EDX, Coursera and SWAYAM
- Price Projection (for Natural Rubber) consultancy services are provided to the Rubber Board

Equipment installed



Thank You