

FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)
Affiliated to University of Kerala



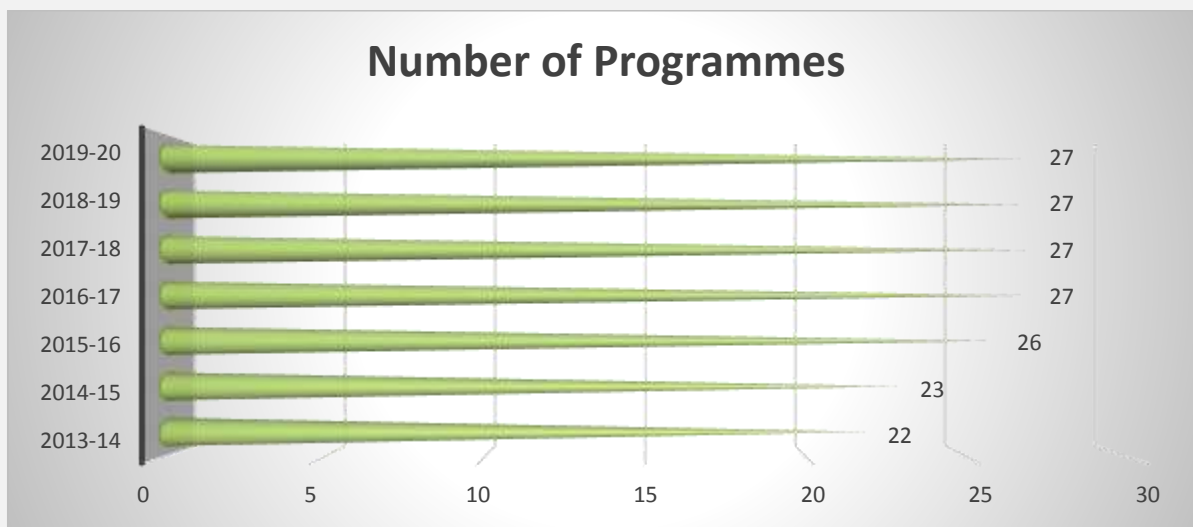
6.1.2 Fatima Infrastructure Development Project

IQAC INTERNAL QUALITY ASSURANCE CELL

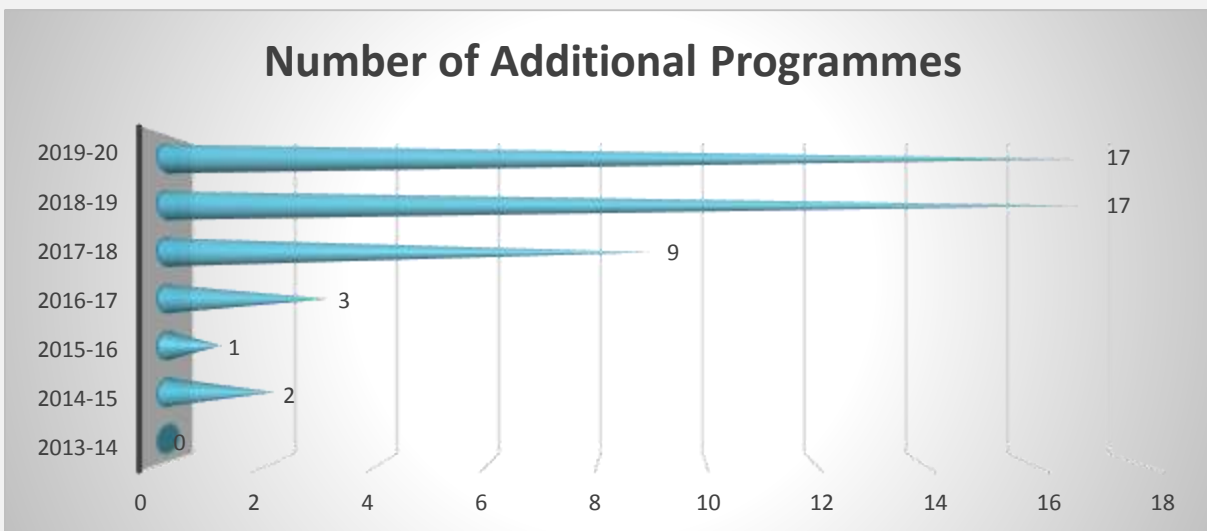
FATIMA INFRASTRUCTURE DEVELOPMENT PROJECT

When FATIMA was conferred autonomous status in the academic year 2014-15, new programmes and courses were introduced.

Special care was taken to start customised programmes to meet the academic demands. Before the award of autonomy, **total number of programmes** at FATIMA was 22, but at present **27** programmes are in progress.

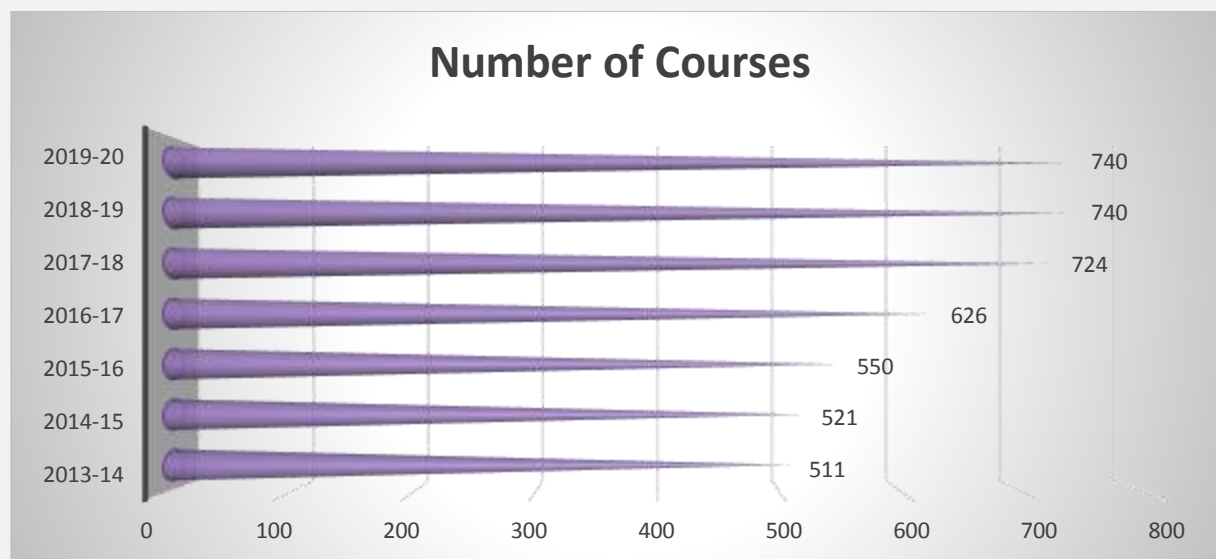


In addition, a number of programmes were started outside the curriculum, for skill development and also for equipping the students for competitive examinations.

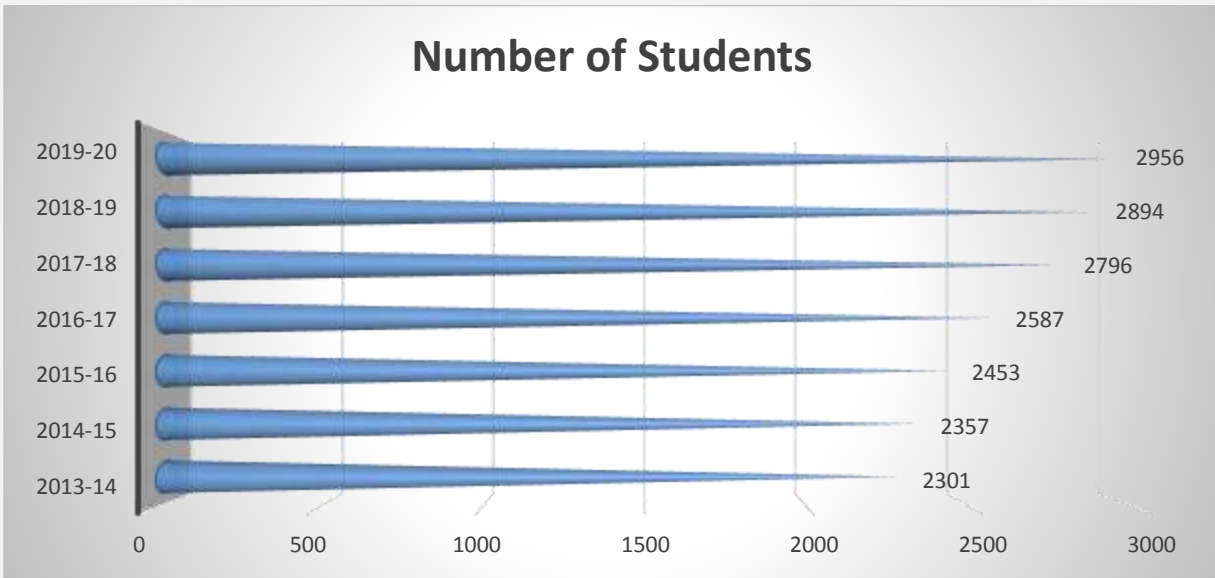


The additional programmes include **9 add-on courses**, started by various departments, and the programmes started by FATIMA Civil Service Academy and FATIMA School of Foreign Languages. In the current year, the number of additional programmes has reached up to **17**.

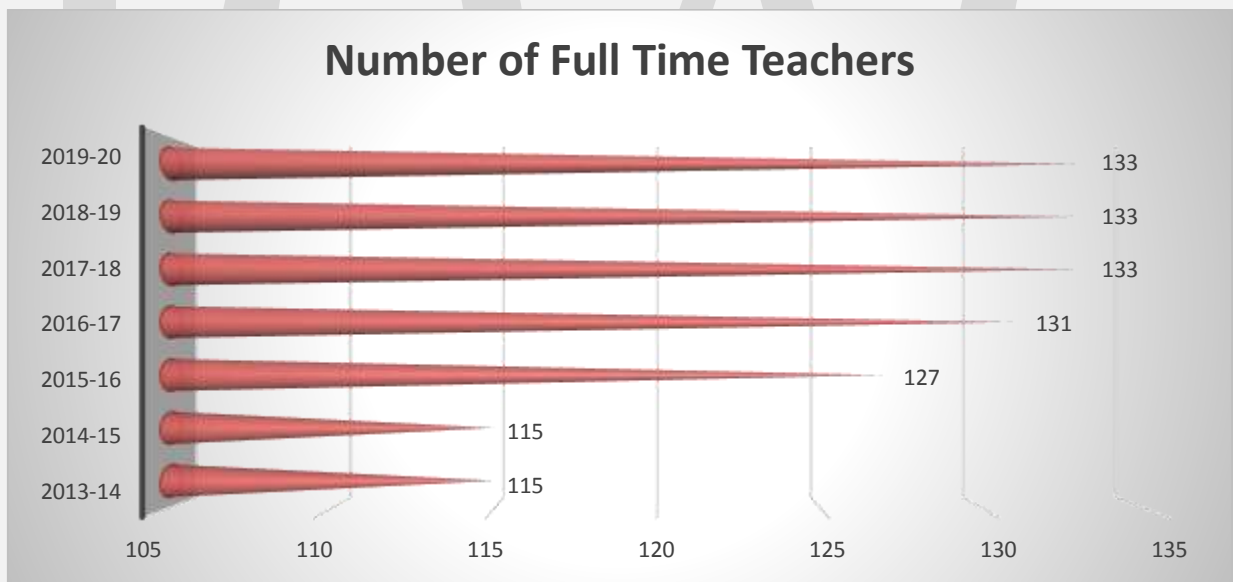
Over the years, a steady increase has been recorded in the total number of courses introduced. From the 511 courses during 2013-14, the number has risen to 740 in the current academic year.



This fact accounts for the corresponding increase in the number of students who opt Fatima for their higher studies. FATIMA currently enjoys a **student strength** of **2956** compared to the **2301** during 2013-14.



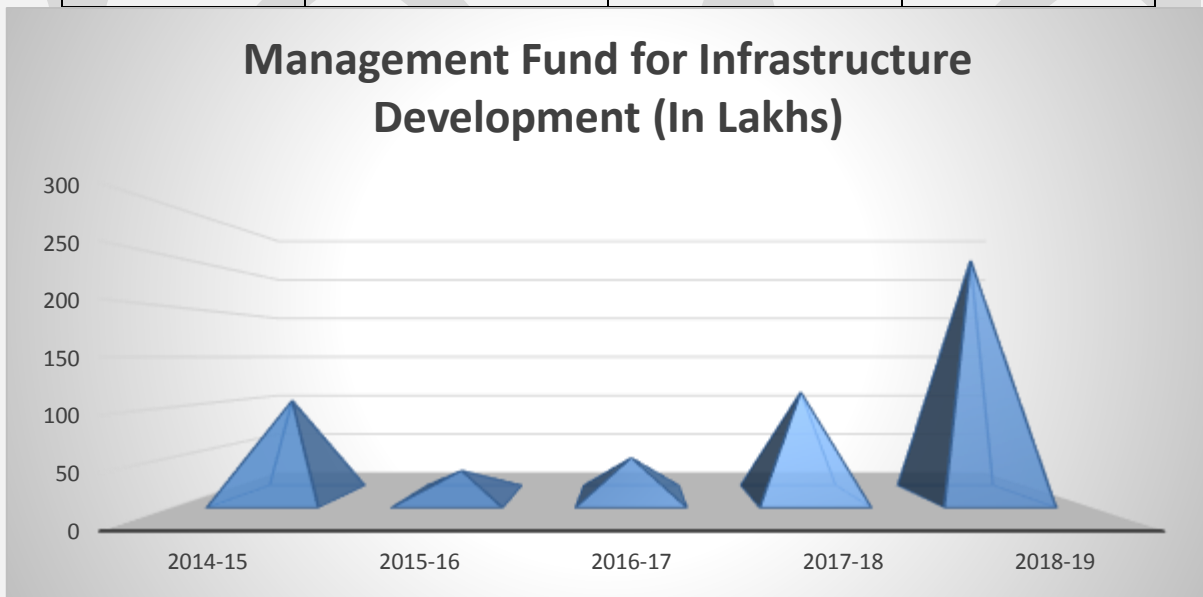
The **strength of teachers** has also increased in tune with these changes, and it is currently **133** against the **115** during 2013-14.

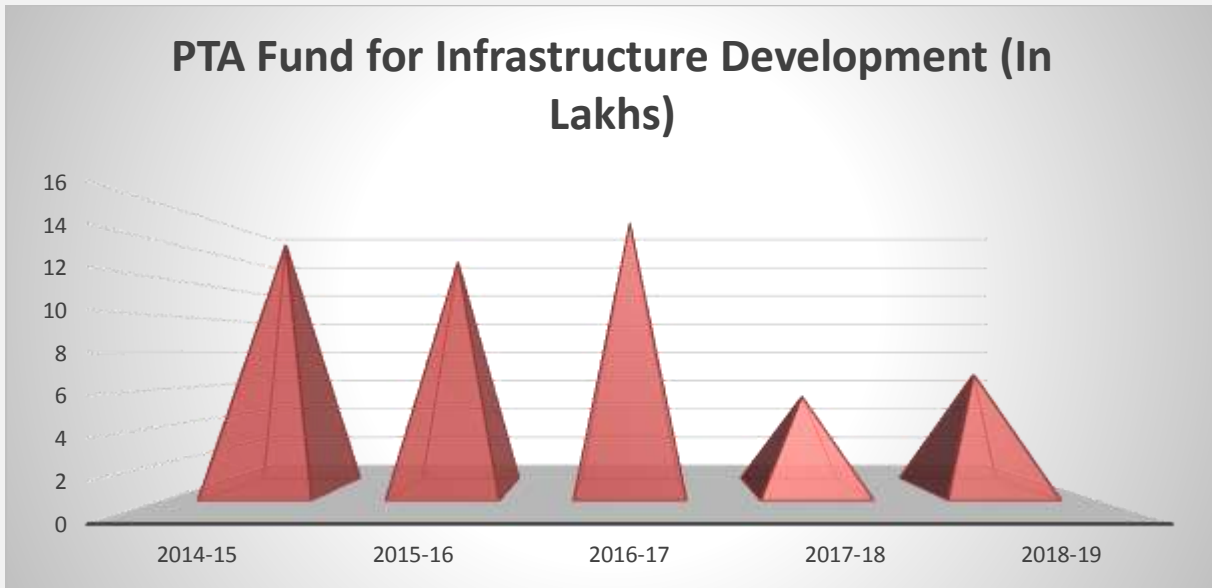


This called for locating additional space and augmentation of the infrastructure facilities. Moreover, as part of improving the academic standards, integration of advanced technology in various teaching-learning processes became equally pivotal. Besides, there was a greater demand to enhance the recreational, sports and other facilities of the women students since they formed the majority of the student strength.

Based on the feedback from the stakeholders, and considering the steady increase in number, Planning and Evaluation Committee, in consultation with the IQAC , Teaching and Research Departments, the Management Board and PTA drafted a plan for augmenting the infrastructure. As such a total of Rupees **591.8 Lakhs** was spent for developing the infrastructure facilities at FATIMA.

	Management Fund (In Lakhs)	PTA Fund (In Lakhs)	Total in Lakhs
2014-15	102.8	14.3	117.1
2015-16	27.1	13.3	40.4
2016-17	41.0	15.6	56.6
2017-18	111.9	5.4	117.3
2018-19	253.7	6.7	260.4
Total in Lakhs	536.5	55.3	591.8





The situation necessitated the creation of new facilities, development of an annexure campus under the name Bishop Catalani Campus and also for modifying and renovating the existing facilities.

The major developments are:

- 1. ICT enabled Classrooms:** Information and communication technology enabled classrooms are the necessity of the present education system. Availing these technologies facilitates multisensory communication, interactive sessions, and fast delivery of information and so on. With this vision, all the classrooms are provided with LCD projectors, Wi-Fi Network in association with Jio Communication and Cloud based LMS.



2. Media Room: Educational institutions have incorporated the advancement of technology to enhance teaching-learning process. The courses offered by the college include media studies, film studies, mass communication etc. In addition to this the various directions from UGC and MHRD necessitated a space for the screening of educational TV, interactive programs, SwayamPrabha TV, Prime Ministers' Mankibath etc. The screening room/media room has various facilities like DTH TV connectivity, Wide Screen Projector surrounding sound system etc. The recording room associated with the media room has various hardwares and softwares for recording and editing video contents developed by the faculty.



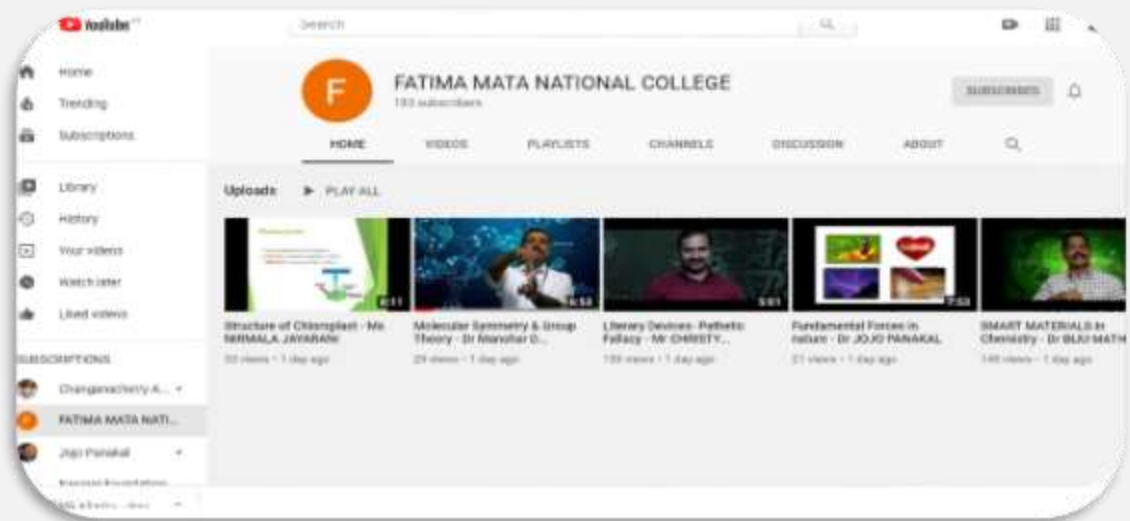
3. **Language Lab:** The language teaching includes development of writing, reading, listening and speaking skills. The language lab is attached to the English Department with fifteen computers installed with language training software. The inputs given through microphones and ENTL Language Lab software enable the learners work towards their goals and incorporate new knowledge.



4. **Biogas Plant:**With the increase in the number of students, the disposal of food waste has become avital issue in the campus. The college IQAC constituted a team for the study of effective tapping of renewable energy sources. Based on the recommendations of the team college installed the biogas plant with a capacity 500 Kg/day and this gas is now used for cooking food in the college canteen.



5. **FATIMA YouTube Channel:**The 21st century youth is more active in different social media platforms. Most of them spend hours on these platforms. Based on these observations IQAC core team initiated the idea of starting a YouTube Channel to share the video contents created in the campus. The media committee is constituted in this regard which is headed by faculty members who monitor the creation and uploading of contents in the channel.<https://www.youtube.com/channel/UCDeq07-ElggMfVqai8WmucQ>



6. Bishop Ferdinand Ossi Block: A new building, the Bishop Ferdinand Ossi Block with an area of 1554 sq.m, is set apart for the students of the Commerce and Economics streams. This building comprises class rooms, research rooms, departments of Commerce and Economics and the office of the Vice Principal. The building has ramps and rest rooms for divyangjans.



7. Food Court:Food court with shining chrome furniture, artistic walls, washbasins and other amenities is another infrastructural addition during the period. It can accommodate 100 students at a time. The canteen remains operational from 9 am to 5 pm. It not only provides food for the staff and students on a day to day basis, but also for the various functions conducted in the college.



8. Ladies' Fitness Centre & Gym:The fitness center in the quadrangle is for the dedicated use of lady students and staff members. It has various fitness equipment such as treadmill, mini gym station, weight training sets, aerobic exercise equipment, yoga and meditation area.



9. **Bishop Catalani Campus:**The increase in programs conducted necessitated more class rooms and other infrastructure. The annexure Bishop Catalani campus for self-financing courses was started in the last academic year. Presently this campus has eight class rooms, mini auditorium, administrative offices, guest rooms, computer lab and library.



10. Golden Jubilee Block: The jubilee block with a total area of 1640 sq.m is a multipurpose building with Bishop Stanley Roman Seminar Hall, Chapel, staff rooms, conference room, classrooms and washrooms. The block also houses guest room for outstation resource persons.



11. Quadrangle Block: The Controller of Examinations' office is housed in the first floor of the quadrangle block. There are well furnished rooms to accommodate teachers for paper valuation, and strong rooms for storage of question papers and answer scripts. This block also has a board room for conducting meetings related to examinations. IT systems associated with examination management are in this block with server room and IT amenities.

The girl students are provided an additional dining hall with a capacity of 250 seats above the Controller of Examination block.



12. History Block: The Department of History has been shifted to a building above the Physical Education department. The history block comprises department rooms and lecture rooms.



13. Bishop Baccinelli Board Room: The well-furnished fully air conditioned board room is the place for academic and administrative deliberations. This Boardroom has state of the art ICT facilities for conducting online meetings.



14.IQAC Office: The well-furnished air conditioned IQAC office is another addition during the period. It has the latest computational and reprographic facilities.

15.Msgr. Rosario Memorial Computer Lab:The starting of IT based programmes required more computers and labs that can accommodate more students. In this regard, the college renovated the existing labs with computers of the latest configuration. The fully air-conditioned lab has sixty computers networked in LAN Network with internet facility. This lab is used for practical sessions, practical examinations, hands-on training sessions and online examinations.



16.Bishop Catalani Computer Centre:The Bishop Catalani Computer Centre is located in the annexure campus and has sixty latest configuration computers. The computers in the lab are networked with the LAN network and also have internet facility. This lab is used for practical sessions, practical examinations, hands-on training sessions and online examinations in this campus.



17.RO Plant:The newly installed Reverse Osmosis Water Treatment Plant ensures drinking water for students and staff members of the college. The water is forced across a semi-permeable membrane, leaving contaminants behind, that are flushed down the drain and the clean drinking water collected in a holding tank. The water from this plant is distributed using a new dedicated pipeline across the campus.



18. Electric Room: The college installed an HT transformer to ensure power supply with sufficient electrical load in the campus. Generators with a power capacity of 125 kv, 65 k and 32 kv are also installed in different areas of campus to ensure uninterrupted power supply.



19. Butterfly Garden: To create awareness on the interdependence of butterflies and plants, for promoting the zest for butterfly gardening, habitat creation, restoration and conservation, a Butterfly Garden was set up in the college campus on September 2018, supported by PTA. Its plant palette includes 27 well adapted plant species including herbs and shrubs. Butterfly Garden covers an area about 1500 square feet.



20. Fruit Park: On 26th January 2019, NSS volunteers set up a Fruit Park in the Campus, with the financial assistance from PTA. They tilled and cleared the area set apart for the purpose. They planted the saplings and the area was surrounded by protective fencing.



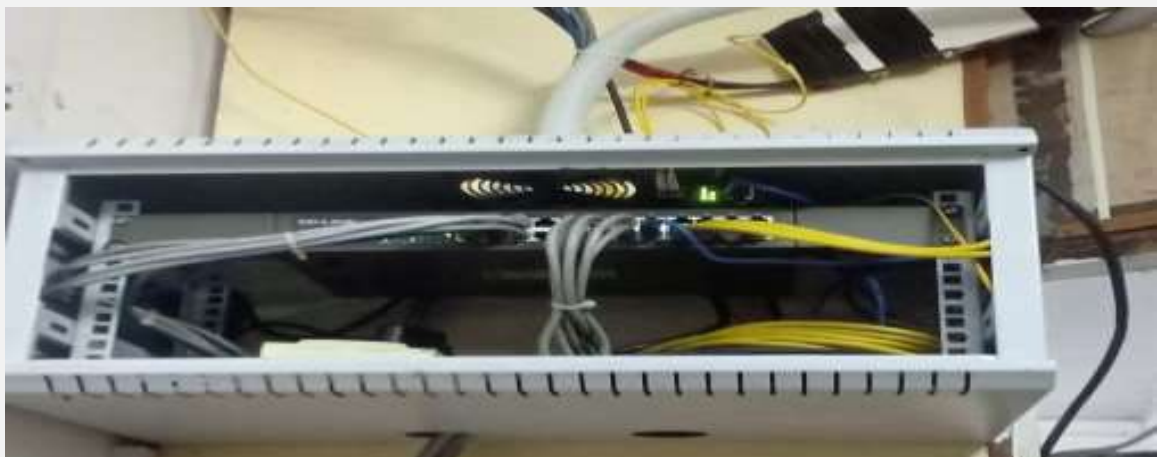
21. Shrub Jungle: Shrub Jungle is a plant community characterized by vegetation dominated by shrubs. A Shrub Jungle was established in the college campus during 2018-19. The shrubs are grown under a shady tree cover. The jungle includes aesthetically attractive as well as fruit yielding shrubs. The Shrub Jungle was inaugurated by Rev. Dr. Paul Antony Mullassery (Bishop of Quilon). The first saplings of the garden were planted by the Principal and the Manager.



22. Birthstar Grove: Every 'Nakshatra' (birth star) has a symbolic plant that defines its connection with eternal nature. At FATIMA, this belief is taken care of as a conservatory programme, which envisages the establishment of a 'Janmanakshatravanam' (Birth Star Grove). Twenty seven plants representing the 27 'JanmaNakshatra' are planted in a plot close to the Bishop Jerome Botanic Garden.



23. Optical Fibre Network: The completion of networking of departments, library, administrative office, office of controller of examination etc. was completed during this period. This enabled internet connectivity to all the computers in the campus. The optical cable ensures less signal degradation enabling consistent signal strength in the connectivity.



24. Pedesrian Path:The pedestrian path in front of the college is open from morning six and the general public also benefits this facility. This space is used for jogging and walking after working hours.



25. Renovation of Botany Seminar Hall:The renovation of the botany seminar hall with the financial support of department alumni was conducted during the 2015-16 academic year.



26. Renovation of Zoology Seminar Hall and Museum: The renovation of Zoology museum which is one of the major attractions of college was done during the period. The seminar hall renovated along with the museum has ICT facilities and can accommodate 60 people at a time.

