



**Annual Departmental Report: 2020-2021**

The academic year 2019-2020 was filled with several academic and co-curricular activities which ended with the arrival of Covid-19. The Pandemic has changed the education sector. A new normal has been created and it is conducting all educational activities online. A new wave of enthusiasm led in the academic year 2020-2021 with the revival of the BSc.I.T. departmental association DLITA (Dalmia Lions I.T. Association). This was made possible by the coordinated efforts of the students involved under the guidance of the respective department professors.

**Results / Learning outcome of the students**

Semester	College Pass %	University Pass %
I	83.33	NIL
II	88.88	NIL
III	76.27	NIL
IV	91.53	NIL
V	87.5	-
VI	89.58	-

Information Technology is becoming the need of the hour. Its application can be marked in all walks of life. Therefore, the department was very keen in organizing various workshops and training sessions for students upgrading them now and then. Due to pandemic, all lectures and activities were conducted online on google meet platform.

Students participated in large numbers in competitions organized by the department and other departments. Few activities are listed below:

**Activities conducted during the year by the department::**

● **Curricular:**

- 23-Aug-2020 & 30-Aug-2020 - Bridge course was conducted for the subject Applied Mathematics for SYBSc.IT (Regular) and TYBSc.IT (ATKT) students by Prof. Amit Limbasia, Saraf College. Total 29 students attended the same. It was conducted to help the students to cope with the said subject.
- 8<sup>th</sup> October'2020 - Orientation of F.Y.BSc.I.T. was done. Parents of 37 students attended it. In this orientation, Information about the college and BSc.I.T. department as well as departmental activities and exam related information was discussed. Also online lecture conducting protocol was discussed.
- We conducted online PTM twice per year for F.Y.BSc.I.T., S.Y.BSc.I.T. and T.Y.BSc.I.T. in this academic year for all students. Dates of PTM were : 31-Oct-2019, 3-Apr-2021. During PTM, parents were acquainted with online attendance norms & progress of their ward. Also online lecture conducting protocol, Toppers of respective class etc. was discussed.

- **Extra-curricular**

- 8-Sep-2021 - Speed Mathematics webinar was organized for all SFC students. In all 83 students attended the same. Mr. Prasanna Kamat was the spokesperson for the webinar. He briefed students on some easy tips to solve complicated mathematical problems.
- 23-Jan-2021 - Online Debate competition was organized for all PDLC students on the topic “Trade off between pros and cons of using Technology during pandemic covid-19”. Total 31 students participated.
- 26-Feb-2021 - Online hands on session was organized on the topic “Getting started with LinkedIn”. Total 113 students benefited from this webinar. Students got to know the importance of LinkedIn from a job point of view.
- 05-Mar-2021 to 20-Mar-2021 – E-Waste collection drive was organized in which e waste was collected from students, teachers and admin Staff. Under the critical situation of Covid, students managed effectively to collect and donate e waste.
- 20-Mar-2021 - Magazine Cover Page Design competition organized for College magazine cover page To explore the creativity of students on the given theme.
- 13-Apr-2021 - Annual Event “TechKshetra” was organized on google meet platform. In this event, unveiling of emagazine “TechKshetra” was done along with the blog of BSc.I.T. - 2021. Also a project exhibition by T.Y.BSc.I.T. students were done. During the exhibition, the expert guidance was given by our own alumni.

## **FACULTY PURSUITS**

### **1. Prof. Rupali Mishra (Coordinator)**

#### **Author of the following Textbooks**

Sr. No	Subject	Publisher	Edition	ISBN
1	Computer Graphics	Vipul Prakashan	Fourth	978-93-87542-44-0
2	Software Engineering	Vipul Prakashan	Fourth	978-93-87542-45-7
3	Software Quality Assurance	Vipul Prakashan	Third	978-93-88440-59-2

#### **Workshop details**

Sr. No	Date	College	Particulars
1	3-6-2020	Dnyansadhana College	Evolution from Offline to Online Teaching
2	18-6-2020	Raheja College	Exploring Google Products
3	22-6-2020	Sahajeevan Shikshan Sanstha	Gateway to Innovation
4	28-6-2020	Academisthan	New age tools for online teaching
5	13-7-2020	TechnoLytics Learning	Resource person for the webinar on the topic “ Using Google Forms and Autocrat”
6	27-3-2021	Prahladrai Dalmia Lions College	Implications of Internet on Copyrights & Trademarks

7	8-5-2021	Prahladrai Dalmia Lions College	Resource person for the webinar on the topic “Sending customized bulk mails to the targeted users using Formmule Add on”
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## E-Content Development

Free Online course videos uploaded on the topic “Web Programming” and “Advanced Web Programming” on YouTube for TechnoLytics Learning Hub.

Channel address is

Web Programming :

<https://www.youtube.com/playlist?list=PLES7Ve5PkXBPhTM4aEutVhXlyt5-7OcuK>

Advanced Web Programming :

<https://www.youtube.com/playlist?list=PLES7Ve5PkXBOVdbtQsJz2M2tVAEKTYw82>

Learning Google Products :

<https://www.youtube.com/playlist?list=PLES7Ve5PkXBNTVl4B496Tz7PJp-iMhXjv>

## Committees / Associations

1. Exam Committee (Member)
2. Website (Member)
3. Students council (Member)
4. NAAC criteria IV (Member)
5. PTM (Convener)

## 2. Prof. Sanjana Khemka (Core Faculty)

**Research Paper Presentation:** Presented paper titled “IT a tool to accelerate the pace of Education” in International Multidisciplinary conference with the theme: Embracing change & Transformation: Vision 2021, ISBN: 978-93-5445-710-4 Dated: 20th February, 2021

## Workshop details

Sr. No	Date	College	Particulars
1	3-6-2020	Satish Pradhan Dnyanasadhana College, Thane in association with Department of Information Technology (UDIT), University of Mumbai, YCM Open University and Microsoft	Evolution from Offline to Online Teaching
2	17-6-2020	Asmita College	Linux Essentials
3	16-2- 2021	PDLC- Astha cell	Power of forgiveness
4	15-3-2021	Rajiv Gandhi College	Network Security and Ethical Hacking

5	26-3-2021	J.V.M's Degree College	"Preparation of AQAR, IIQA and SSR for Revised Assessment and Accreditation"
6	27-3-2021	Prahladrai Dalmia Lions College	Implications of Internet on Copyrights & Trademarks
7	3-4-2021	N.G. Acharya & D. K. Marathe College	Introduction to Research & Research Paper Writing in CS and IT
8	8-5-2021	Prahladrai Dalmia Lions College	Resource person for the workshop on the topic "Customized Bulk email through mail merge"

### **Committees / Associations**

1. UMIC (Convener)
2. Feedback Committee (Convener)
3. Attendance Committee (Convener)
4. Rainbow Publishing Committee (Member )

### **E-Content Development**

Developed and shared e-content on open online platform <https://www.slideshare.net/> for T.Y.B.Sc.(I.T.), Semester 6, Principles of Geographic Information System subject

Link for e-content

<https://www.slideshare.net/SanjanaKhemka1/principles-of-gis-unit-1>

<https://www.slideshare.net/SanjanaKhemka1/principles-of-gis-unit-2-data-management-and-processing-system>

### **Strengths of department**

- Experienced Teaching staff
- 1:1 lab sessions
- Excellent and Industry oriented Curriculum
- Frequent brain storming session of faculties for department improvement
- Campus based projects and assignments

### **Best Practices**

- E-Waste Collection and donating for recycling drive.
- Preparing students for creating industry based projects and conducting mock.

### **Innovation**

- Implementation of Google Classroom for sharing assignments, econtent, quizzes etc.
- Intra departmental project exhibition of TYBSCIT students where expert guidance was given by our Alumni students who are placed at good companies on good designation.

## Achievements of Students

### Placement details

Name of the Student	Company	Designation	Salary per Month
Ujala Shukla	Infosys	Operation Executive	22000 INR

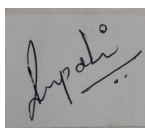
### Achievements of Students – non academic

Name Of The Student	Achievement Type	Venue	Date Of An Achievement	Achievement Details	Rank
Chaitya Madhu	Sports	Mira Road Joggers Park	1-10-2020	Open Volleyball Tournament	First
Abhinav Upadhyay	Paper presentation	Prahladrai Dalmia Lions College	15-3-2021	Digitization-To day's BuzzWord	
Vaishnavi Teli	Art	Prahladrai Dalmia Lions College	22-4-2021	Spectrum Cover Page design competition	Second
Siddiqui Sadia Rashid	Art	Prahladrai Dalmia Lions College	22-4-2021	Spectrum Cover Page design competition	Third
Abhinav Upadhyay	Business Model Presentation	Prahladrai Dalmia Lions College - EPL	16-4-2021	Intrapreneurial premier league	Third

### Departmental Members:

Sr. No	Name of the employee	Designation	Highest Qualification	Experience
1	Prof. Rupali Mishra	Coordinator	MCA, HDSE	15
2	Prof. SanjanaKhemka	Core Faculty	MCA, MCOM, Diploma in Computers	11
3	Prof. Aditi Save	Core Faculty	M.Sc.(Comp. Sci), PGDBA, IT-Proj. Mgmt.	9
4	Prof. Vishakha Gokhale	Visiting Faculty	M.Sc. (Physics)	21
5	Prof. Aditi Chikhlikar	Visiting Faculty	M.Sc.I.T. and SET qualified.	6
6	Prof. Nikhil Shinde	Visiting Faculty	BE in EXTC	3
7	Prof. Manjula Kamat	Visiting Faculty	MCOM, MBA - Marketing	12
8	Prof. Muzaffar Palsania	Visiting Faculty	MCA	3

9	Prof. Tirup Parmar	Visiting Faculty	MCA	7
10	Prof. Amit Limbasia	Visiting Faculty	MCA	8
11	Prof. Ashish Shah	Visiting Faculty	MCA	10



**Prof. Rupali Mishra**

**BSc.I.T. Coordinator**

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