NAME OF THE INSTITUTION

Name of the Institution   : PES POLYTECHNIC.

Address of the Institution   : NH-206, Guddada Arakere, Sagar Road, Shivamogga.

City & Pin Code   : Shivamogga-577204.

State/UT   : Karnataka.

Telephone Number   : 8147053079.

Mobile Number   : 9980193104.

E-mail   : principalpolytechnic@pestrust.edu.in

Website   : www.pestrust.edu.in/pespt

NAME AND ADDRESS OF THE TRUST

Name of the Trust running the Institution   : PRERANA EDUCATIONAL & SOCIAL TRUST®.

Address of the Trust   : PES TRUST

Prenana Chambers, No.26 main
Road,Neharu Nagar,ward no:27
Akkamahadevi Samja,
Bengaluru-560001
Land Phone Number: 80 2346660.

NAME AND ADDRESS OF THE PRINCIPAL

Name of the Principal   : GOWTAM J.K

Address   : Principal

PES Polytechnic,

NH-206, Gudada Arakere, Sagar Road,

Shivamogga- 577204.

Name of the Affiliating Board   : Department of Collegiate & Technical Education, Govt. of Karnataka
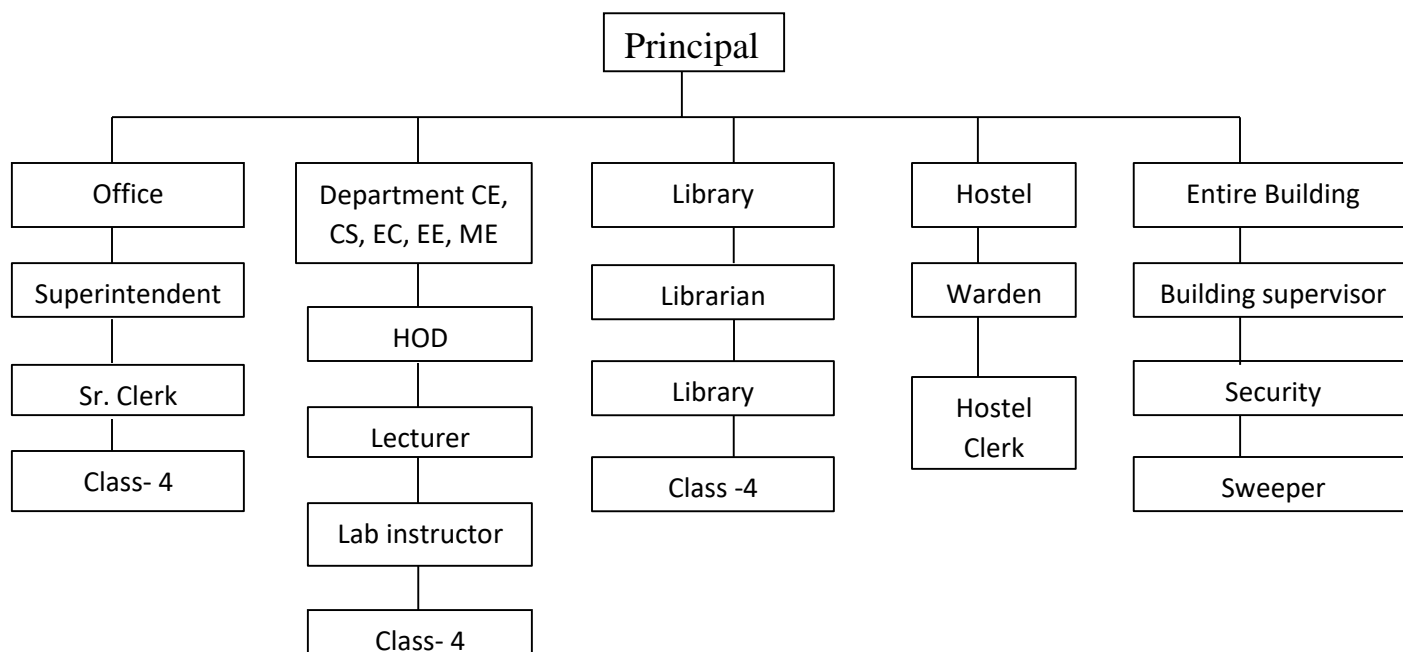
GOVERNANCE

Members of the board and their brief background

SL NO	Name	Position
01	Shri. B Y Vijayendra	Chairperson
02	Smt. Arunadevi S.Y	Member
03	Smt. Umadevi S.Y	CEO-PES Trust, Member
04	Dr. Nagaraja R	CCA, PES Trust, Member
05	Shri. Damodara Baliga	Member & Industry Representative
06	Prof. H M Chandra Kumar	Member
07	Mr. Shashi Kumar D	Member
08	Mr. Ranjan A	Member
09	Prof. Gowtam J.K	Member Secretary

Frequency of Board Meeting: At least once in every six months

ORGANIZATIONAL CHART

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                                    Principal
        ┌──────────┬──────────────┬──────────┬──────────┬──────────────┐
      Office    Department CE,   Library    Hostel    Entire Building
                CS, EC, EE, ME
   Superintendent                Librarian   Warden   Building supervisor
                     HOD
      Sr. Clerk                   Library   Hostel        Security
                   Lecturer                 Clerk
      Class- 4                   Class -4                  Sweeper
                 Lab instructor

                   Class- 4
```

Establishment of Anti Ragging Committee:
https://drive.google.com/file/d/1uABe0m0pIaRcKTZ5ZZopuMKhrRgE02Hi/view?usp=sharing

Establishment of Grievance Redressal Committee:
https://drive.google.com/file/d/1TFoEmgCdJqDmLhE_yJaAdQP6MdZqkfrx/view?usp=sharing

Establishment of Internal Complaint Committee:
https://drive.google.com/file/d/1UE-c6VitXlG1uguh9GJJzi1lKf9FUKJz/view?usp=sharing

Establishment of Committee for SC/ST Committee:
https://drive.google.com/file/d/1k70G7zZgl7MG3JVXw2KnpJXAoobXJ4BH/view?usp=sharing

Internal Quality Assurance Cell:
https://drive.google.com/file/d/1-Tqj8Hcjq3XQk0Y0BSkrULke0GJuXiGb/view?usp=sharing

PROGRAMMES

Name of Programme Approved by AICTE: Engineering and Technology

Name of Programme Accredited by NBA: Nil

Status of Accreditation of the Courses: Not Applied

Year	No of Seats	Cut of Marks	Fee (as approved by state govt)	Campus Placement
2021-22	270	36%	Tuition fee : 12,075/- Development fee : 500/- Other fee : 830/- Total : 13,405/-	59 Max salary : 2.2lakh
2022-23	225	40%	Tuition fee : 12,075/- Development fee : 500/- Other fee : 830/- Total : 13,405/-	19 Max salary : 2.2lakh
2023-24	263	40%	Tuition fee : 12,075/- Development fee : 500/- Other fee : 830/- Total : 13,405/-	38 Max salary : 2.10lakh

PROFILE OF PRINCIPAL

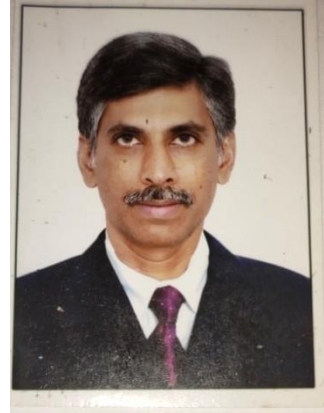**Name:** GOWTAM J K

Date of Birth: 14/12/1969

Unique ID: 1-7558794272

Education Qualification: B.E, M.Tech

Work Experience: Teaching-26 Years

Research- Nil

Industry- Nil

Area of specialization: Maintenance Engineering

Courses taught at diploma level: Computer Aided Engineering Drawing

Research Publications: No of paper published in Internal Journals: 02

PROFILE OF FACULTIES

Name: SHILPASHREE VAICHAL .M

Date of Birth: 19/09/1987

Unique ID: 1-7514005242

Education Qualification: B.E

Work Experience: Teaching-9 Years

Research- Nil

Industry- Nil

Area of specialization: Building drawing.

Courses taught at diploma level: Construction technology, estimation & costing.

Research Publications: Anti-Earthquake resistant system for building.

Name: ANKITHA S

Date of Birth: 10/07/2000

Unique ID: 1-43473350739

Education Qualification: B.E

Work Experience: Teaching-6 Month

Research- Nil

Industry- Nil

Area of specialization: Design of RCC.

Courses taught at diploma level: Site management, hydraulics.

Research Publications: Nil.

Name: MONICA S

Date of Birth: 13/02/1996

Unique ID: 1-10532725114

Education Qualification: B.E

Work Experience: Teaching-4 Years

Research- Nil

Industry- Nil

Area of specialization: Sanitary.

Courses taught at diploma level: surveying, transportation.

Research Publications: Nil.

Name: AKSHAYA KUMAR V

Date of Birth: 06/01/1993

Unique ID: 1-43474192907

Education Qualification: B.E

Work Experience: Teaching-5 Years

                 Research- Nil

                 Industry- Nil

Area of specialization: Surveying

Courses taught at diploma level: Building estimation, transportation.

Research Publications: Nil.

Name: VANITHA D

Date of Birth: 22-03-1991

Unique ID: 1-43474082655

Education Qualification: B.E

Work Experience: Teaching- 6 Years

                 Research- Nil

                 Industry- Nil

Area of specialization: Software Testing.

Courses taught at diploma level: Software Engineering, Python Programming.

Research Publications: Nil.

Name: ARCHANA P

Date of Birth: 23/11/1999

Unique ID: 1-10530701058

Education Qualification: B.E

Work Experience: Teaching- 3 Years

                Research- Nil

                Industry- Nil

Area of specialization: Software testing

Courses taught at diploma level: IT skills, Multimedia.

Research Publications: Nil

Name: DAKSHAYINI H V

Date of Birth: 18/11/1998

Unique ID: 1-43474193681

Education Qualification: B.E

Work Experience: Teaching- 1 year

                Research- Nil

                Industry- Nil

Area of specialization: Python

Courses taught at diploma level: IT skills, Data Structures using Python.

Research Publications: Nil

Name: INDU A

Date of Birth: 08/11/1998

Unique ID:

Education Qualification: Diploma, BE

Work Experience: Teaching- 10 Months.

Research- Nil

Industry- Nil

Area of specialization: DBMS

Courses taught at diploma level: IT skills, Java .

Research Publications: Nil

Name: MONIKA D

Date of Birth: 12/05/2000

Unique ID:

Education Qualification: Diploma, BE

Work Experience: Teaching- 2 years.

Research- Nil

Industry- Nil

Area of specialization: DBMS, SEPP

Courses taught at diploma level: IT skills,Java ,CHMA.

Research Publications: Nil

Name: SUNILKUMAR H U

Date of Birth: 12/7/1990

Unique ID: 1-4804046538

Education Qualification: B.E, M.Tech

Work Experience: Teaching-6 Years

                    Research- Nil

                    Industry- Nil

Area of specialization: Digital communication

Courses taught at diploma level: Digital Electronics, Embedded system.

Research Publications: Nil.

Name: RANJAN A

Date of Birth: 20/01/1991

Unique ID: 1-4630331726

Education Qualification: B.E, M.Tech

Work Experience: Teaching-5 Years

                    Research- Nil

                    Industry- Nil

Area of specialization: Digital electronics

Courses taught at diploma level: Digital Electronics, wireless communication.

Research Publications: Nil.

Name: MAMATHAT G

Date of Birth: 28/01/1988

Unique ID: 1-9523429054

Education Qualification: B.E

Work Experience: Teaching-2.4 Years

                 Research- Nil

                 Industry- Nil

Area of specialization: Arm controller

Courses taught at diploma level: Analog communication, microcontroller.

Research Publications: Nil.

Name: CHAITRA K

Date of Birth: 15 /10/1989

Unique ID: 1-10551343531

Education Qualification: B.E, M.Tech

Work Experience: Teaching-6 Years
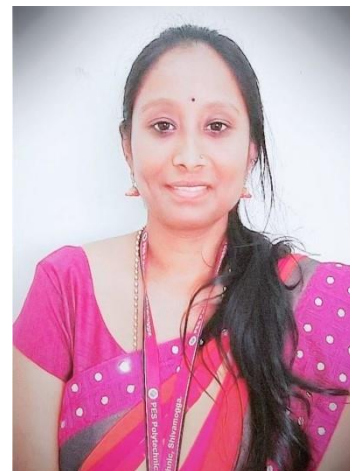
                 Research- Nil

                 Industry- Nil

Area of specialization: Digital Electronics

Courses taught at diploma level: Arm controller.

Research Publications: Nil

Name: SUJAY M V

Date of Birth: 25/09/1989

Unique ID: 1-1478875884

Education Qualification: B.E, M.Tech

Work Experience: Teaching-11 Years

          Research- Nil

          Industry- Nil

Area of specialization: Electrical and electronics

Courses taught at diploma level: Transformers and AC,DC machines.

Research Publications: Nil.

Name: BINDU H S

Date of Birth: 09/06/1989

Unique ID: 1-2061042043

Education Qualification: B.E.

Work Experience: Teaching-10 Years

          Research- Nil

          Industry- Nil

Area of specialization: Electrical and electronics

Courses taught at diploma level: Power electronics, estimation & simulation.

Research Publications: Nil

Name: SHREEKANTHI V S

Date of Birth: 14/03/1991

Unique ID: 1-2061088543

Education Qualification: B.E.

Work Experience: Teaching-10 Years

                Research- Nil

                Industry- Nil

Area of specialization: Electrical and electronics

Courses taught at diploma level: Transformers and AC switch gear and protection.

Research Publications: Nil

Name: Sathish N P

Date of Birth: 24/03/1990

Unique ID: 1-9311731139

Education Qualification: B.E, M.Tech

Work Experience: Teaching-10 Years

                Research- Nil

                Industry- Nil

Area of specialization: switch gears

Courses taught at diploma level: switch gears, electrical power system.

Research Publications: No of papers published in IJRESM:01

Name: KAVYA G P

Date of Birth: 13/03/2001

Unique ID: 1-43475616962

Education Qualification: B.E.

Work Experience: Teaching-1 Year

              Research- Nil

              Industry- Nil

Area of specialization: Automation

Courses taught at diploma level: Renewable energy, switch gares and protection.

Research Publications: Nil

Name: SHASIKUMAR D

Date of Birth: 15/03/1964

Unique ID: 1-756680084

Education Qualification: B.E.

Work Experience: Teaching-33 Years

              Research- Nil

              Industry- Nil

Area of specialization: Mechanical

Courses taught at diploma level: power plant engineering.

Research Publications: Nil.

Name: AMITH NAIK M

Date of Birth: 13/05/1990

Unique ID: 1-2063622517

Education Qualification: B.E,M.Tech

Work Experience: Teaching-10 Years

　　　　　　　Research- Nil

　　　　　　　Industry- Nil

Area of specialization: Industrial Automation and robotics

Courses taught at diploma level: Estimation and Costing.

Research Publications: Nil.

Name: MADHU KUMAR N

Date of Birth: 07/11/1989

Unique ID: 1-9311731166

Education Qualification: B.E, M.Tech

Work Experience: Teaching-8 Years

　　　　　　　Research- Nil

　　　　　　　Industry- Nil

Area of specialization: Machine Design.

Courses taught at diploma level: Strength of materials.

Research Publications: Nil.

Name: PAWAN KUMAR L J

Date of Birth: 09/06/1991

Unique ID: 1-2661948653

Education Qualification: B.E, M.Tech

Work Experience: Teaching-8 Years

Research- Nil

Industry- Nil

Area of specialization: Machine Design.

Courses taught at diploma level: Machine design.

Research Publications: Nil.

Name: RAMYA C

Date of Birth: 20/04/1999

Unique ID: 1-43474082622

Education Qualification: B.E

Work Experience: Teaching-2 Years

Research- Nil

Industry- Nil

Area of specialization: Manufacturing.

Courses taught at diploma level: Computer numerical controller, workshop technology.

Research Publications: Nil.

Name: MADHU A P

Date of Birth: 27/12/1986

Unique ID: 1-7498097732

Education Qualification: B.E, M.Tech

Work Experience: Teaching-8.5 Years

                Research- Nil

                Industry- Nil

Area of specialization: Computer Integrated Manufacturing.

Courses taught at diploma level: Foundry technology.

Research Publications: Nil.

Name: MALA T L

Date of Birth: 23/01/1989

Unique ID: 1-1478720414

Education Qualification: M.Sc(Mathematics)

Work Experience: Teaching-11 Years

                Research- Nil

                Industry- Nil

Area of specialization: Trigonometry.

Courses taught at diploma level: Engineering Mathematics.

Research Publications: Nil

Name: PALLAVI M

Date of Birth: 17/7/1991

Unique ID: 1-9322340121

Education Qualification: M.A (Kannada)

Work Experience: Teaching- 6 Years

        Research- Nil

        Industry- Nil

Area of specialization: Nil

Courses taught at diploma level: Sahithya Kannada.

Research Publications: Nil

Name: GANAVI K O

Date of Birth: 20/10/1999

Unique ID: 1-43474193239

Education Qualification: Msc Mathematics

Work Experience: Teaching- 3 Months

        Research- Nil

        Industry- Nil

Area of specialization: Differenciation

Courses taught at diploma level: Engineering Mathematics, statistics and analytics

Research Publications: Nil

Name: Abhishek G S

Date of Birth: 10/04/1997

Unique ID:
Education Qualification: M.A(English)

Work Experience: Teaching- Fresher

Research- Nil

Industry- Nil

Area of specialization: Communication skills

Courses taught at diploma level: English

Research Publications: Nil

ADMISSION

Number of seats sanctioned with the year of approval: 300 [2011]

Number of students admitted under various categories each year in the last 3 years.

SI No	Year	SC	ST	Category-I	GM
01	2021-2022	12	04	05	105
02	2022-2023	45	18	26	38
03	2023-2024	22	12	12	12

Number of students admitted under management quota during last two years

SI No	Year	Number of students admitted
01	2021-2022	82
02	2022-2023	221
03	2023-2024	216

Criteria for Admission

SSLC or Equivalent exam with minimum 35% marks passed.

Information of Infrastructure and other recourses available:

- Number of class rooms and size of each: 16, 70 Sq-mt.
- Number of tutorial rooms and size of each: 04, 47 Sq-mt.
- Number of laboratories and size of each: 15, 97 sq-mt.
- Number of drawing hall with capacity of each: 01, 132 sq-mt.
- Occupancy certificate –
  https://drive.google.com/file/d/1i6qFM12sDUJ6oSEXNQDlQzL_Lcccf3UI/view
- Fire and safety certificate –
  https://drive.google.com/file/d/1TMrKhYZd15LssAAUWeFZw5vi66D-4jwv/view

LIBRARY

- Number of library Books available – 10112

- Number of Titles available – 1300

- List of online National and International journal subscribed – 10

- National digital library (NDL) subscription details -

LABORATORY AND WORKSHOP

List of major Equipment/Faculties in each laboratory

Name of the Laboratory: **Concrete Lab**

SI No	Major Equipment/Facility Available
1	CTM (Compressive Testing machine)
2	Abrasion Testing Machine
3	Impact Test Machine

Name of the Laboratory: **Construction Practice Lab**

SI No	Major Equipment/ Facility Available
1	Bar bending Tools
2	Lever

Name of the Laboratory: **Survey Lab**

SI No	Major Equipment/ Facility Available
1	Theodolite (length 149, lens 45mm)
2	Dumpy Level
3	Compass
4	Handheld GPS instrument

Name of the Laboratory: **Computer Lab 1**

SI No	Major Equipment/Facility Available
1	32 Desktop with following software – Eclipse,Python , MySql,Scratch and Internet connection.

Name of the Laboratory: **Computer Lab 2**

SI No	Major Equipment/Facility Available
1	32 Desktop with following software – Python ,Photoshop,Cisco Packet Tracer, CPU-Z, Solid Edge and Internet connection for Cloud Computing.

Name of the Laboratory: **Computer Lab 3**

SI No	Major Equipment/Facility Available
1	36 Desktop with following software – Open Office, Antivirus Installation, Ubuntu OS installation & Administration ,Virtual Box and Internet connection.

Name of the Laboratory: **Analog Electronics Lab**

SI No	Major Equipment/ Facility Available
1	CRO (cathode ray Oscilloscope) 30Mhz
2	FUNCTION GENERATOR (3Mhz)

Name of the Laboratory: **Logic design using Verilog Lab**

SI No	Major Equipment/ Facility Available
1	Digital Trainer Kit
2	Verilog Kit

Name of the Laboratory: **Electronic Measurement and Testing Techniques Lab**

SI No	Major Equipment/ Facility Available
1	Proximity Sensor Kit
2	Wheatstone Bridge
3	Load Cell Kit

Name of the Laboratory: **Electronics Components and Devices Lab**

SI No	Major Equipment/ Facility Available
1	Digital Multimeter
2	Digital DC Ammeter (0 to 200 mA, 0-50 mA)
3	Analog Multimeter

Name of the Laboratory: **Industrial Automation Lab**

SI No	Major Equipment/ Facility Available
1	Steeper Motor Kit
2	RC Half and Full wave Firing Kit
3	UJT Kit
4	Universal Motor Kit
5	PMOC Motor Kit

Name of the Laboratory: **PCB Design and Fabrication Lab**

SI No	Major Equipment/ Facility Available
1	PCB tool kit
2	PCB layout printer
3	System

Name of the Laboratory: **Wireless Communication Lab**

SI No	Major Equipment/ Facility Available
1	Arduino controller kit
2	Mobile phone trainer kit
3	Satellite communication trainer kit
4	TV setup box

Name of the Laboratory: **Communication System Lab**

SI No	Major Equipment/ Facility Available
1	FM kit, AM kit
2	PCM kit,
3	FSK kit, ASK kit, BPSK kit
4	Sampling

Name of the Laboratory: **Electrical Wiring Lab**

SI No	Major Equipment/ Facility Available
1	POWER DRILL
2	MCB,ELCB (10/ 16 amps)
3	Megger 500 volt
4	Energy meters (10 amps 230 volts)

Name of the Laboratory: **Electronic Lab**

SI No	Major Equipment/ Facility Available
1	CRO - cathode ray oscilloscope (25 MHz, dual trace)
2	DC REGULATED POWER SUPPLY (0 to 30 volts 2amps)
3	Signal Generator (rating 5 volts P-P, 200 mA)
4	Digital Trainer Kit

Name of the Laboratory: **Machine & PLC lab**

SI No	Major Equipment/ Facility Available
1	PLC kit, Microprocessor Relay.
2	Induction motor (5HP 440 volts 3 phase)

3	Capacitor Start Capacitor run Induction motor
4	Induction motor (3 phase 440 volts 50 Hz, 5HP , squirrel cage type)
5	Motor Generator Set (1/3kW , 110/220 volts DC),Multifunction meter.
6	Transformers (2kVA 1:1),Low voltage power distribution panel,
7	Automatic Change Over with Current Limiter Kit,MCB,ELCB,CB.
8	Earth Leakage Relay Kit,LV circuit breaker.

Name of the Laboratory: **Fluid Power Engineering Lab**

SI No	Major Equipment/ Facility Available
1	Venturi Orifice Nozzle Set Up
2	Pneumatic kit
3	Francis Turbine
4	Pelton Wheel Turbine

Name of the Laboratory: **Additive Manufacturing Lab**

SI No	Major Equipment/ Facility Available
1	3D Printer

Name of the Laboratory: **Mechanics of Material Lab**

SI No	Major Equipment/ Facility Available
1	Vickers Hardness Machines
2	Universal Testing Machines 100 Ton
3	Ultrasonic Flaw Detector

Name of the Laboratory: **Machine Shop Lab**

SI No	Major Equipment/ Facility Available
1	HMT LATHE NH22
2	SHAPER MACHINE

Name of the Laboratory: **Industrial Automation Lab**

SI No	Major Equipment/ Facility Available
1	SAP LOGIC GATE SIM
2	FORWARD REVERISE PNEMATIC CYLINDER

COMPUTING FACILITIES

- Internet Bandwidth : 95Mbps
- No of system : 25
  System Configuration: Processor i5 Intel core
  CPU @ 3Ghz
  RAM 4 GB
  System Type 32 bit Operating System
  Ubuntu 20, 1 TB, and Hard Disk

- No of system : 15
  System Configuration: Processor i5 Intel core
  CPU @ 3Ghz
  RAM 8 GB
  System Type 64 bit Operating System
  Ubuntu 20, 1 TB, and Hard Disk

- No of system : 75
  System Configuration: Dual core processor, 2GB RAM
  160 GB Hard Disk
- Total no of system connected by LAN : 115(Lab Systems + Office Use)

LIST OF FACILITIES AVAILABLE

- Games and sports facilities:
  https://drive.google.com/file/d/1kr9RCgeif_JyS47V-nuEnNKtjOQcteER/view?usp=sharing
- Extracurricular activities:
  https://drive.google.com/file/d/1XZXSyGy6FZx6Zallfww26U-7IgDc6Mnm/view?usp=sharing
- Soft skill development:
  https://drive.google.com/file/d/1TRmCT13SOKO7t_SaryD50BaU73tSiTcv/view?usp=sharing

TEACHING LEARNING PROCESS

- Curricular and syllabus of the programmers as approved by this board Academic calendar of the Board : https://dtek.karnataka.gov.in/info-2/Diploma+Syllabus/C-20+Syllabus/en

- Academic calendar of the Board:
  https://drive.google.com/file/d/1kZsEMgKaadJAQiGsk33AiaKuaXYQY88g/view?usp=sharing

- LOA and subsequent EOA till the current Academic year :
  https://drive.google.com/file/d/14mX-e9bmEk9ybsdrCxCwYtO1xGM1j8WJ/view?usp=sharing

- Accounted audited statement for the last three years.

1. https://drive.google.com/file/d/1eqqWnNPrCctlFoAgpIzk_SF6_eOQwIZB/view?usp=sharing
2. https://drive.google.com/file/d/1-0VE9vAHzm-dSK5-SWmRi-Ymxmzda0Md/view?usp=sharing
3. https://drive.google.com/file/d/1XHI6SMHSZ_d_jtWKaHOW07V5azQmodGB/view?usp=sharing