

About Government Polytechnic Mumbai

Government Polytechnic Mumbai is an academically autonomous institute of Government of Maharashtra. The institute was established in the year 1960. This institute is committed to be vibrant, keeping pace with technological development and expecting to achieve excellence in imparting technical education to budding engineers, who will be pillars of our nation. The institute has excellent, highly qualified faculties, State of art infrastructural facilities and laboratories. The Institute undertakes series of reforming exercises through Continuing Education Programs, Faculty Development Programs, Seminars, Workshops, Testing and Consultancy Services etc. This institute is socially connected to masses by undertaking Community Development through Polytechnic (CDTP) Scheme and helps in raising their livelihood. Further, this institute has been identified for implementation of Community College Scheme of MHRD by AICTE. This institute is a lead center in Mumbai region and successfully implemented Canada India Industry Polytechnic Linkage Project (CIILP) during 2002-2005. The institute is having various awards to its credits.



"Security is, I would say, our top priority because for all the exciting things you will be able to do with computers - organizing your lives, staying in touch with people, being creative - if we don't solve these security problems, then people will hold back."-----Bill Gates

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|--------------------------|-----------------------|
| Dr. H.P. Taskar | Principal |
| Dr. V.P. Rathod | Co-ordinator |
| Mr. M.H. Bhalerao | Co-coordinator |

For more details

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COMMUNITY COLLEGE SCHEME

(A Project of MHRD, Government of India)

at

GOVERNMENT POLYTECHNIC MUMBAI

In Collaboration with

ZICOM Electronic Security System Ltd.
Mumbai



Feel Safe

ELECTRONIC SECURITY (Service Sector)

GOVERNMENT POLYTECHNIC MUMBAI
(An Academically Autonomous Institute Of Maharashtra Government)

49, Kherwadi, Ali Yawar Jung Marg, Bandra (East),
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About Community College Scheme

Government of Maharashtra has identified this institute for implementing Community college scheme of the Ministry of Human Resource Development (MHRD). This scheme aims to impart knowledge and skill based modular training programmes to generate employability. The modular training programmes will have different level based certifications; wherein at every level candidate will be equipped with knowledge and skill in particular area. The knowledge components in particular level will be evaluated by the institute and skill component by the prominent industry

Objectives

- Increase in the employability
- Develop entrepreneurship skill
- Provide for upward mobility in jobs and higher education
- Be flexible in approach
- Provide for life-long learning
- Engage the community
- Bridge skill gap and provide trained manpower to various emerging service sectors in India.
- Prepare the youth for a vocation of their choice.
- Reduce unemployment by supplying world-class skilled people.

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|-----------------------|------------------------------------|
| Eligibility | SSC pass or ITI |
| No. of Levels | I, II, III, IV and V |
| Intake per level | 20 Students |
| Fees per level | Rs.10,800/- |
| Medium of Instruction | English |
| Duration | Appx. 1000 Hours (1year) /Level |

Electronic Security

The Institute has identified “Electronics Security” as area through search conferences, since a metropolitan city like Mumbai need trained personnel in Electronics Security. Further, this institute has joined hands with M/s. Zicom Electronic Security Systems Ltd (ZESSL). ZESSL is incorporated in 1994 and leading organization in electronics security in India. GPM and ZESSL believe that education plays a catalytic role in the dynamic growth of nation. They also believe that the partnership between *GPM* and *ZESSL* will benefit the community.

Exam Pattern

- For each subject mentioned below 2 unit test having 30 marks each. Curriculum for each unit test (2 Test per Subject) will be approximately 50% of curriculum
- Final exam for each subject having 40 Marks. (It should be on 100 % of curriculum)
- Practical Exam for Each subject having 30 Marks

Level I

Job Profile: After completing this level, the student will empower to contribute to a safer, more secure work environment in terms of physical security.

- Basics of Electricity components
- Basics of Electronic components and equipments,
- Computer Technology,
- Basics of physical security,
- Introduction to Electronic Security System and Video door phones(VDP)

Level II

Job Profile: after completing this level, the student can work as a CCTV technician/IDS installer and can be able to handle small project in residential complex and shop and retail stores.

- CCTV(Closed Circuit Television system),
- IDS (Intrusion Detection System),
- ACS (Access Control System),
- Specialized Application of ACS

Level III

Job Profile: after completing this level, the student should be able to handle Installation in Small and Medium Projects needing multiproduct based electronic security and he can worked as CMS Operator.

- IP (Internet Protocol) based Access Control System,
- FAS: Fire Alarm System, Computer networks,
- IP Surveillance and CMS (Central Monitoring Station)

Level IV

Job Profile: after completing this level, the student should be able to handle Installation of Advanced application of Access Control System in Small and Medium Projects such as hotels and banks

- EDS: Explosive Detection System,
- RFID: Radio Frequency Identification,
- Car Parking Management,
- UVSS :Under Vehicle Scanning System,
- Advanced Video Analytics,
- Advanced Central Monitoring Station

Level V

Job Profile: after completing this level, the student can work as security manager or officer For Electronic security and as BMS/IBMS expert in malls, airport etc.

- BMS (Building Management System),
- IBMS (Integrated Building Management System) and Home Automation,
- Techno Commercial aspects in Entrepreneurship,
- Fire protection and safety management

About Internship: At the end of each level there will be internship of around 2 week at reputed electronic security service provider