



बाबा साहब अम्बेडकर पॉलिटेक्निक BABA SAHEB AMBEDKAR POLYTECHNIC



ESTD. 2007

AICTE APPROVED

AN ISO 9001:2008 CERTIFIED

Affiliated to HSBTE

PROSPECTUS



• Established in 2007....

• Covered Area: 121000 sq. Fts. (1.7 Acre)

• Campus Area: 8.5 Acres

• 14 State-of-the-Art Laboratories

• 46 Highly Qualified Faculty Members

• Ultramodern Facilities

 All Courses are recognized by Haryana Board of Technical Education &
 Affiliated to All India Council for Technical Education (AICTE)



Message from the desk of

Chairman

The Baba Saheb Ambedkar Polytechnic, is an epitome of higher learning imparting value-based, career-oriented professional and technical education. Over the years, it will grow into a leading educational centre in northern India widely recognized for its modern infrastructure, vibrant campus and academic excellence in the fields of technical education.

We believe in nothing sort of perfection and excellence. Our learner - centered teaching ensures that the student grasp concepts easily and retain them for ever. Through concerted efforts of the faculty and students, we have been successful in setting global benchmarks in professional and technical education in India. It is, therefore, not without reason that the students passing out of Baba Saheb Ambedkar Polytechnic are rated highly in the employment market. Our graduates have earned enviable packages both in India and abroad.

We invite all those youngsters, who are endowed with inquisitive minds and high professional aspirations, to come forward and join us to become a significant MEMBER of the Baba Saheb Ambedkar Polytechnic.



Message from the desk of

Duncipal

Baba Saheb Ambedkar Polytechnic is expected to blossom into an institution par excellence and working efficiently to achieve proficiency in technical education.

The management has provided all infrastructure facilities required to providing sound education. The college can boast of spacious classrooms, fully equipped laboratories, workshops and drawing halls. Library transactions are computerized and it is stacked with the latest edition of books, magazines and journals. Three computer centers with numbers of systems in network along with internet facilities. A decent education is a passport to a good, comfortable and secured life. It should enable youngsters to become contributing members of society through knowledge, skills and character development.

Along with sports, other co-curricular and extra curricular activities, short-term and value added courses are imparted

to the students during the vacation in every semester. The institute has the placement cell too, which interacts with the leading industries, arranges campus interviews and offer ample job opportunities to the students of all disciplines. Besides bestowing engineering knowledge, great emphasis is laid on building of character and discipline in students.

Come join our Institution for a better future.

Er. Anuradha Sharma Principal



The Institution System is guided in fulfilling its mission by these shared principles and core

Learning: The Institution fosters an environment that promotes a life of learning for its constituents and uses feedback from its participants and supporters to improve the quality of its teaching, learning, and support.

Quality: The Institution holds a strong commitment to high standards in all aspects of its educational activities, learning outcomes, and support services. It seeks to continuously strengthen the overall effectiveness of its operations.

Integrity: The Institution conducts its operations and makes its public representations in an ethical manner. It assesses its operations in an open and collaborative manner and practices fairness, honesty, and objectivity in dealing with its constituencies.

Diversity: The Institution embraces and promotes diversity in its policies and practices to prepare its learners to live and work successfully in an increasingly diverse society. It strives to create diverse learning environments by welcoming teachers, learners, and staff that bring diverse ideas, values, backgrounds, and beliefs to the learning and work environment.

Freedom of Inquiry and Expression: The Institution supports the rights of its constituents to freely inquire and express their opinions. It engages and encourages an open exchange of ideas and seeks input from all who wish to participate in its learning programs.

Accountability: The Institution is accountable to its constituencies and the public for fulfilling its mission in an appropriate manner by openly assessing its operations and by inviting external evaluations by public agencies.

Adaptive and Responsive: The institution anticipates and adapts to its changing environment and responds to the needs of the organization and its constituencies in manners both appropriate and timely.

Innovation: The Institution seeks imaginative and effective solutions to its challenges and innovative ways to fulfill its mission.



Philosophy

Practical & Training Work:

The Institution has its own set up of State-of-the-art laboratories, The Work Center will provide Practical Counseling to the learners. Apart from the well equipped laboratories, the Institution has arrangements with various Industrial Units where advanced Practical Training will be provided to the students.

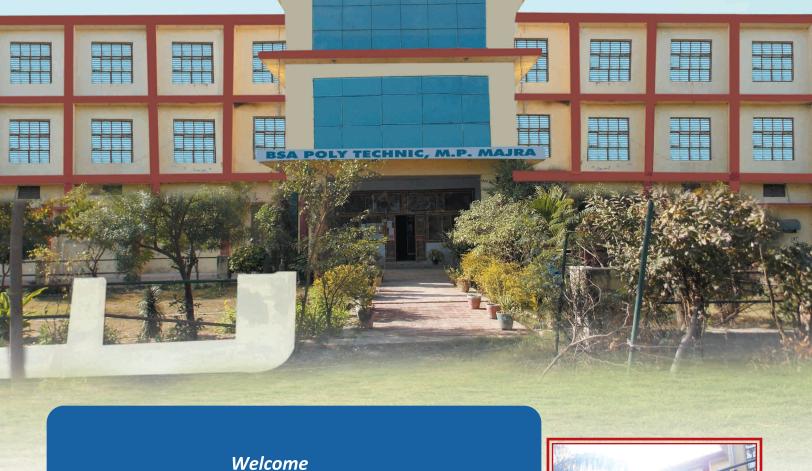
Assignment:

Students are required to submit assignments according to the prescribed schedule before the term-end examination. In case, the student has not submitted the assignment within the prescribed date, the result of such candidate will not be declared.

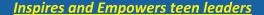
On Job Training:

Job Training will be provided to every candidate before passing their 6th semester examination which will enable the industrial organisation to customize the skills of the candidates as per the requirement of the Industry which in turn will guarantee 100 percent placement.





Baba Saheb Ambedkar Polytechnic is promoted by Nai Disha Education Society, Jhajjar (HR). The members of the society in quest for knowledge have reached now horizons and are seasoned professionals with unmatched experience in Education. On the way of the limelight the pioneers have opted to enrich the society to bring a change in the tradition education system to benefit the country as a whole. Their objective of providing a learning atmosphere, they have erected a magnificent building to train the aspirants. The Society is in Registered Joint Venture with Baba Saheb Ambedkar Technical Education Society (BSATES) for skilling and placement services.



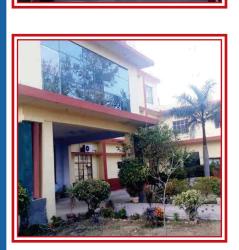
Promotes Self-awareness and support self-growth

Encourage healthy decision making and instill confidence

Build team work and celebrate diversity in the community caring

We enhance and encourage personal strength with the realization of the individual sense of growth.

In addition we endeavor to impart higher technical education to meet the future global standar in technical field



Infrastructure_

We are located in a vast 8.5 acre campus surround surrounded by Greenery folloage. The building is erected with the objective of providing aesthetic and learning atmosphere to the students and Staff members. Class rooms and Labs are spacious and airy, fully equipped with Computers and equipments which are not only latest but have the provision for upgradation as required

Hostel

Furnished, spacious hostel for boys only. Every rooms are provided with bed, Study table and Storage facilities.

Canteen

General refreshment of hygienic items are provided in the campus canteen

Power Backup

40 Kva silent generator and UPS per computer are installed for uninterrupted power supply

Other Facilities

Large and well maintained flower Garden
Spacious Parking Space
Transport Facilities
Recreation games for Students
Well Furnished Library and Computer Labs.
Well equipped Workshops for practical
Spacious and equipped drawing halls

Academic

The Institute well understand that special needs require special attention as such. We provided a number of special service to cater to your special needs, from professional attention to personal interaction. We pay attention in making your learning smooth as possible. On the other hand, we have highly qualified experienced, dedicated and motivated faculties with supporting technical staff with objective of overall development of the students.

Regular classes are complimented with spoken English & personality development is taken into account.

The institute is recognised by State Board of Technical Education, Haryana and All Indian Council for Technical Education. it Presently offers 3 years Diploma Course in Computer Engineering, Mechanical Engineering, Electronics and Communication Engineering, Electrical Engineering, Civil Engineering, Software Development, Automotive Manufacturing Technology, Production Technology, Refrigeration & Communication Engineering & Medical Laboratory Technology.

It is a diploma with difference where training and learning go hand.







COURSES

ENGINEERING DIPLOMA COURSES 10TH PASS CANDIDATE

S.No.	Courses	Course Code	Seats	Duration	Eligibility
1	MECHANICAL ENGINEERING		DME	603 Years	
2	ELECTRICAL ENGINEERING	DEE	60	3 Years	
3	COMPUTER Sc. & ENGINEERING	DCSE	60	3 Years	
4	SOFTWARE DEVELOPMENT	DSD	25	3 Years]
5	AUTOMOTIVE MANUFACTURING	DAMT	25	3 Years	10th Pass
	TECHNOLOGY				(Sc. & Maths)
6	CIVIL ENGINEERING	DCE	60	3 Years	
7	PRODUCTION TECHNOLOGY	DPT	25	3 Years	
8	REFRIGERATION & A/C ENGG	DRAC	25	3 Years	
9	ELECTRONICS & COMMUNICATION	DECE	60	3 Years	
	ENGINEERING				
10	MEDICAL LABORATORY TECHNOLOGY	DMLT	60	3 Years	

Code Sharing with DDR College of Education, Approved by AICTE and Affiliated to HSBTE

LATERAL ENGINEERING DIPLOMA COURSES 10+2 (Sc.)/ITI & As per Annexure-I

S.No.	Courses	Course Code	Seats	Duration	Eligibility
1	MECHANICAL ENGINEERING	LDME	12	2 Years	
2	ELECTRICAL ENGINEERING	LDEE	12	2 Years	
3	COMPUTER Sc. & ENGINEERING	LDCSE	12	2 Years	
4	SOFTWARE DEVELOPMENT	LDSD	5	2 Years	10+2(Sc.)/ITI/
5	AUTOMOTIVE MANUFACTURING	LDAMT	5	2 Years	QUALIFICATIONS
	TECHNOLOGY				MENTIONED IN
6	CIVIL ENGINEERING	LDCE	12	2 Years	ANNEXURE-1
7	PRODUCTION TECHNOLOGY	LDPT	5	2 Years	
8	REFRIGERATION & A/C ENGG	LDRAC	5	2 Years	
9	ELECTRONICS & COMMUNICATION	LDECE	12	2 Years	
10	ENGINEERING]
11	MEDICAL LABORATORY TECHNOLOGY	LDMLT	12	2 Years	

Auto Mobile Engineering

INTRODUCTION

Automobile Engineering is related to designing, testing, and understanding of the parts and working of various parts of the automobile which helps the candidate in getting a job in the automobile industry. In this course, the students gain academic as well as practical knowledge from a professional working in the automobile sector. Students work on automobile engine and perform various activities like dismantling, overhauling and assembling of the engine. It develops the ability to demonstrate the knowledge of engineering and management principles and apply them while doing a project. The study of Automobile engineering is to learn about work, force, mechanics, tools, operations, manufacturing, management, etc.

Career Opportunities

Regarded as the evergreen branch, the scope of employment here never dies. Automobile graduates can enter into automobile world, R&D projects, robotics, thermal environment, etc. to get handsome salaries. Automobile engineers can enter both in public and private sectors:

Public sector:

NTPC, NHPC, ONGC, BEL, DRDO, SAIL, GAIL, EIL, UPSC, etc.

Private sector:

Hero, Honda, Escorts, JCB, Maruti, Eicher, standard Tractors, ISGEC, LG, etc.







Civil Engineering

INTRODUCTION

Civil Engineering is the oldest branch of engineering. It starts with the evolution of the human civilization. Civil Engineering is an engineering discipline that involves the design, construction, and maintenance of the physical and natural environment, including public works like roads, dams, sewage systems, bridges, airports, railways, pipe lines, and structural components of buildings. Civil engineers make use of the principles of civil engineering to design and construct the many structures we see around us. They are responsible for planning and overseeing different construction efforts and applying civil engineering principles to ensure that constructed structures are safe and sturdy. Without any doubt this branch has the most variety of jobs including private, Govt. as well as own works.

Career Opportunities

As a Civil Engineer, you can take up career options in the diverse fields such as:

- Junior engineer in various Government Departments in State &
- Central Government
- Building control surveyor.
- CAD technician
- Consulting civil engineer.
- Design engineer
- Nuclear engineer.
- Structural engineer.
- Water engineer.
- Rural and Urban Transport engineer.







Computer Engineering

INTRODUCTION

It is about the study of principles and core concepts of computer science that includes the subjects such as programming languages, database, networking, operating system, and Multimedia applications mobile application developments, Internet of things & Artificial Intelligence etc.

The main objective of this course is to make the candidate strong in the current computer technologies and encourage them to bring up more innovative and inventory ideas in the field of automation that would be helpful in solving real-time problems in form of software, database, mobile applications, websites etc.

Students who study this course will gain knowledge of the basics of computer engineering techniques, coding skills, skills required for development of websites, databases.

Career Opportunities

The candidates after successful completion of Course can look for job opportunities in public and private sector areas like Software Companies, Telecommunication companies, financial companies etc. They can take up their job positions like Jr. software developer, programmer, telecommunication Engineer, software engineer, network expert, system analyst, cloud architect, cyber security analyst among many others. They can also set up own IT business and work with clients.







Electrical Engineering

INTRODUCTION

It is a skill enable programme where the students actually learn by doing and progress from basics to higher order skills like installation, maintenance and troubleshooting of electrical equipment. Electrical Engineering holders have access to a wide array of subjects including power system, Electrical Machines, Electrical & Electronics Engineering Material, Electrical Measurements and Measuring Instruments, Fundamentals of Electrical Electronics Engineering, Industrial electronics and control of drives, Installation and maintenance of electrical equipment, Utilization Electrical Energy, EDM, Electrical Engineering Design and Drawing and Electrical Energy conservation & management, etc. An electrical engineer learns everything from the beginning, right from the small circuits to large power motors. Electrical engineering is useful in any sector serving technological services.

Career Opportunities

Electrical Engineering has a wide career opportunity in sectors like Electronics, Power Corporation, IT consultants or Manager, Aviation Technology, Communication Technology, Radio Engineers, Electromagnet Engineers, Aviation Power Supply, etc. Some of the major hiring companies in India are TCS, ONGC, MTNL, BSNL, BHEL (Bharat Heavy Electricals Limited). Apart from private jobs, the scope for Government jobs is also higher for people from an engineering background.

Electrical engineers provide services like equipment building services, repairing services, power supplying services, etc. Also, companies based on nuclear or atomic technologies, thermal powers, technological consultancies, etc. hire people from the electrical engineering background.



Electronics and Communication Engineering

INTRODUCTION

The focus in this discipline is on understanding electronic networks and devices, electric magnetic fields, computer fundamentals, communication and control systems. Electronics and Communication Engineering uses the scientific knowledge of the behaviour and effects of electronics to develop components, devices, systems and equipment. It deals with recent trends in communication technology via wire/wireless networks, circuit designs and microcontrollers.

Electronics and Communication Engineering is growing day by day in every country. Despite of huge demand of electronics items/gadgets, India is still lagging behind in the field of production/ manufacturing/ designing of electronics devices/ circuits. We are still dependent on import of such appliances/ devices from other countries. Hence, the course offers a great scope in contributing to nation's economy.

Career Opportunities

A student after attaining a degree or diploma in ECE can:

- Be selected as Engineer/Jr. Engineer in company/industry in India or abroad
- Be an entrepreneur
- Set up his/her own unit
- Further pursue study for higher degree in India or abroad
- Join defence in technical field
- Be selected in Govt./ Public sectors such as BSNL, DRDO, ISRO etc.
- Be a researcher





Mechanical Engineering

INTRODUCTION

Mechanical engineering deals with application of the principles of mechanics and energy to design machines and devices right from automobiles, trucks, airplanes to trains tractors, fax machines or even power plants. Robotic inspection systems, Cryo genic technology, Laser material processing are also some new emerging areas of study.

Career Opportunities

There is wide scope of job avenues for Mechanical Engineers in India. Few job avenues are highlighted below:

- Automotive industry Designs, manufactures, distributes and markets motor vehicles
- Defence industry Provides equipment, support and services for the armed forces and national security
- Fast moving consumer goods industry Manufactures products such as household cleaning items, personal hygiene goods and convenience foods
- Materials and metals industry Activities include developing new materials and manufacturing components or end products
- Rail industry Designs, constructs, manages and maintains rail system components from trains and tracks to electrical power systems and train control systems.





Medical Laboratory Technology

INTRODUCTION

Medical Laboratory Technology is an allied health profession which is concerned with the diagnosis and prevention of disease through the use of clinical laboratory investigations and findings. The well-organized and balanced training program in laboratory medicine, allows students to learn, detect and diagnose diseases. Medical Laboratory Technician (MLT) health professional is skilled in conducting laboratory tests and responsible for the initiation of the treatment process by observing symptoms and subsequently aid in diagnosing, treating, and preventing disease. They form an integral part of the healthcare industry. Medical laboratory technicians/technologists play a pivotal role in the comprehensive system by collecting, sampling, testing, reporting, and documenting medical investigations. They deal with biochemical, pathological, and microscopic examination of the body's cells, tissues, and fluids.

Career Opportunities

- After successful completion of the program a student will be capable of holding assignments in hospital and health-care institutions, research laboratories and diagnostic centers
- Successful candidate can set-up their own establishments
- Students with an instinct to learn can do higher studies in specialized field of study and can progress as scientists and can even enjoy faculty positions in academic institutions
- Students can get placed as Scientific Officer or Quality Assurance Officer





Fee Structure (Day Scholar)

PAYABLE PER YEAR (NON-REFUNDABLE)

S.No.	Particulars	Fee Payable
1	TUITION FEE	Rs. 17,500/-
2	DEVELOPMENT FUND	Rs. 5,000/-
3	BOOK BANK	Rs. 3,000/-
4	PRACTICAL TRAINING/ SITE VISITS & PLACEMENT	Rs. 10,000/-
5	BOARD FEES & STATUTORY COUNCIL CHARGES	Rs. 1,500/-
6	STUDENT FUND	Rs. 4,500/-
7	WELFARE CONTRIBUTION	Rs. 1,500/-
8	STUDENT INNOVATION/ START-UPS & ECO SYSTEM CHARGES	Rs. 2,000/-
	TOTAL NON-REFUNDABLE FEES (PER YEAR)	Rs. 45,000/-
	REFUNDABLE SECURITY(AFTER COMPLETION OF COURSE)	Rs. 5,000/-

Fee Structure (Residential)

FEE STRUCTURE (RESIDENTIAL) PAYABLE PER YEAR (NON-REFUNDABLE)

S.No.	Particulars	Fee Payable
1	TUITION FEE	Rs. 17,500/-
2	DEVELOPMENT FUND	Rs. 5,000/-
3	BOARD FEES & STATUTORY COUNCIL CHARGES	Rs. 1,500/-
4	STUDENT INNOVATION/ START-UPS & ECO SYSTEM CHARGES	Rs. 1,000/-
5	BOARDING & LODGING FEES IN IN-CAMPUS HOSTEL	Rs. 36,000/-
	TOTAL NON-REFUNDABLE FEES (PER YEAR)	Rs. 61,000/-
	REFUNDABLE SECURITY(AFTER COMPLETION OF COURSE)	Rs. 5,000/-

Fee Structure (Day-Scholars with-in 20kms)

S.No.	Particulars	Fee Payable
1	TUITION FEE	Rs. 17,500/-
2	DEVELOPMENT FUND	Rs. 5,000/-
3	BOARD FEES & STATUTORY COUNCIL CHARGES	Rs. 1,500/-
4	STUDENT INNOVATION/ START-UPS & ECO SYSTEM CHARGES	Rs. 1,000/-
	TOTAL NON-REFUNDABLE FEES (PER YEAR)	Rs. 25,000/-
5	TRANSPORT FACILITY (OPTIONAL/SUBJECT TO AVAILIBILITY)	Rs. 20,000/-
	REFUNDABLE SECURITY(AFTER COMPLETION OF COURSE)	Rs. 5,000/-

75% Seats are filled by counseling 25% are managements seats

The Campus is well planned and adorned with impressive building and lawns coupled with a beautiful scene of flower. The green belt is spread all over to make the environment completely eco-friendly with a proper parking lot.

The college has well furnished Labs, Lecture rooms, Library, Play Ground, Canteen and well equipped Workshops.

The institute is committed to develop professional Engineers to face the challenges of the industrial world and to train future leaders in chosen field of study.

Library

A well stocked Library has been established with large collection of desired book for the growth of students and lectures in the latest in formation in the field of technology. A book bank scheme is implemented to help students obtain desired books



Computer Lab

The institute have two air-conditioned computer labs for students. The lab holds many personal computer connected to a powerful server. Students may use the lab to do their research and to practice using software application commonly found in the work place. High Speed internet connection is also available. There is always lab attendant available to assist the students with computer related issues.



Evaluation

It is a continues process through faculty feedback and day to day observation of involvement in co-curricular activities, presentation monthly test, sessional test and viva. The performance of the students in evaluated in a continues basis through:

- Class Attendance
- General Conduct
- Sessional Tests
- Practical etc.

Faculty

The institute has well qualified and experienced energetic faculties who leave no stone unturned in their quest to satisfy the students by giving them the desired instructions

The faculty members are dedicated to shape and bring out the best of Engineers to face the global challenges.

Code Of Conduct

- 1. Every students will secure identity card which should always remain with them. On demand every students has to produce it.
- 2. Any absence from the institute has to be supported by application duly signed by parents & gardians. In case of ill health a medical certificate is essential along with an application duly endorsed by parents.
- 3. All changes in address or residence or contact numbers should be submitted to the institute.
- 4. Students should abide by the library rule to utilize library facilities.
- 5. Students punctuality is called upon at the beginning of the day and in all classes.
- 6. Students are require to come in proper uniform of the institution
- 7. The students are expected to exhibit good behavior, discipline and conduct, the institute will not bear any indecency or misconduct with class fellow or any faculty member.
- 8. Students shall abide by the rules and regulation of the institute.
- 9. If dues are not paid by the due date a late payment fine will be charged @ Rs. 50/- per day.









Lateral Entry/Exemption

ADMISSION IN DIPLOMA (Engg.) – Lateral Entry Courses

- All those candidates who have passed ITI of atleast two year duration (who passed 10th level school leaving examination before admission to ITI courses), 10+2 (vocational) or 10+2 with PCM would be eligible for consideration for lateral entry in the session 2014-2015 in various Diploma Engineering courses only as per the compatibility of the courses as mentioned below.
- Candidate who have completed Three year diploma in particular branch would be eligible to take admission in 2nd year of a different branch through lateral entry.
- Compatibility of Polytechnic Courses with ITI Courses

S.No.	Diploma Courses	Branch Name of ITI/Polytechnic
1.	Any Diploma Engg. Course	Two Year duration ITI in any Engg. Trades
		Any three year Polytechnic Diploma
2.	Any Non Engg. Diploma Course	Two Year duration ITI in any Non-Engg. Trades.

Compatibility of Polytechnic Courses with 10+2 (vocational) Courses

S. No	Branch Name of diploma courses in Polytechnics	Compatible Vocational Courses (10+2)
1	Agriculture Technology	i. Crop Production / Cultivation
		ii. Floriculture
		iii. Repair and Maintenance of Power Driven
		Farm Machinery (RMPDFM)
2	Automobile engineering	i. Auto Technician (TTWR)
3	Ceramic Technology	i. Visual Arts (Pottery and Ceramics)
4	i. Computer Engineering	i. Lineman
	ii. Electronics & Communication Engg.	ii. Electrician (MREDA)
	iii. Information Technology	iii. Computer Technique
	iv. Instrumentation & Control Engg.	iv. Electrical Technology
	v. Medical Electronics	
	vi. Electrical Engineering	
5	Civil engineering	i. Furniture Maker and Designer
6	Food Technology	i. Bakery & Confectionery
7	Mechanical Engg.	i. Boiler Attendant
		ii. Material Testing & Heat Treatment

8	Textile Technology	i. Mechanic Textile Machinery
9	Fashion Technology	i. Commercial Garments Designing and Making
10	Office Management & Computer Application	i. Accountancy & Auditing
		ii. Banking
		iii. Marketing & Salesmanship
		iv. Office Secretary ship Stenography English
		v. Office Secretary ship Stenography Hindi
		vi. Computer Technique
11	Mechanical Engg.	i. Refrigeration & Air Conditioning
	Mechanical Engg. (Tool & Die)	
	Production Engg.	
12	Electronics & Communication Engg.	Electronics Technology

Student passing 10+2 (PCM) are eligible for admission to all streams through DET (I.)

NOTE:- Candidates who have appeared/ are appearing in the qualifying two year duration ITI or 10+2 with PCM or 10+2 vocational examination to be held during current session shall also be eligible to apply for admission <u>subject to the condition that the candidate proves his/her eligibility criteria at the time of reporting at the allotted institute.</u>

Basis of Admissions

Admission of the candidates to the Diploma level courses under the lateral entry scheme who fulfills all other conditions for admission shall be made on the basis of merit in their entrance examination DET (L) - 2014. On the basis of rank obtained in DET (L) - 2014, candidates will have to participate in Online off- campus counseling by NIC on www.tehadmissions.gov.in for final seat allotment, after paying counseling fee at www.hstes.org (or) www.hstes.in failing which candidate will not be entertained for counseling.

General Conditions

The ITI holders taking admission in lateral entry in diploma stream i.e. in 2nd year, will have to undergo course in Applied Science-I in 3rd semester and Applied Science-II in 4th semester in addition to prescribed course of III and IV Semester of diploma. Exemption may be accorded by the Board depending upon the branch in which they are admitted (For example, in case any student has studied Engg. Drawing at 10 + 2 level, he may be exempted from examination of Engg. Drawing.) The Board will prescribe curriculum for these additional courses. At institution level, these additional subjects will be taught either after the institutional hours or on the weekend.

• Syllabus of DET (L)-2013

- Syllabus: 10+2 (Standard) of Board of School Education Haryana.
 - Question Paper: There will be a composite Question Paper of 100 minutes duration consisting of

- 100 objective type multiple choice questions of 1 mark each having equal distribution of English, Aptitude and General Awareness, Mathematics, Science.
- The candidate will be given a test booklet containing questions and the answer sheet as per schedule before the exam starts. During this period, the candidates should read the instructions and fill all the required particulars correctly in the test booklet.
- Question Booklet will be in English only.
- Answer marked in more than one circle shall not be awarded any mark.
- No separate intimation for counseling will be sent.
- THERE WILL BE NO NEGATIVE MARKING FOR THE WRONG ANSWER

(E) ADMISSION TO 25% SEATS (INCLUDING 15% SEATS IF ANY FOR CHILDREN/WARDS OF NRI).

- (i) Counseling procedure for 25% seats (including 15% seats if any for children/ wards of NRIs) to be filled by the private institutions at their own level and any unfilled seats out of 75% seats.
- (ii) Counseling procedure for 25% seats (including 15% seats if any for children/ wards of NRIs) and any unfilled seats out of 75% seats to be filled by the private institutions at their own level.
 - Private institutions shall fill 25% seats (including 15% seats for children/wards of NRIs) any unfilled seats out of 75% seats at their own level in a just and transparent manner for which they shall invite the applications, prepare and display the merit list. The procedure shall be displayed by the Institute concerned on its website.
 - The private institutions shall make these admissions before final cut off date of admissions. Admission made last cut off date shall be considered illegal and wrong and will not be updated on www.intrascbh.nic.in
 - The minimum eligibility condition for these seats shall remain the same as that for 75% seats to be filled by the Haryana State Technical Education Society.
 - In the event of seats remaining vacant, if any, the vacant seat may be filled up before final cut off date of admission firstly on the basis of DET merit and only thereafter on the basis of marks of qualifying exam.
 - In any case all kind of admissions shall be done before the final cut of date admission (as mentioned in key dates) and the fee fixed by the State fee Committee shall be charged as per the laid down procedure. In any case higher fee shall not be charged.
 - The final list of admitted candidates (including the institute level admission), should be updated online by the institute positively, so that the same may be forwarded to the HSBTE The wrong

Reservation of Seats





For Govt./ Govt Aided: The reservation policy notified by the State Government Haryana is applicable to the AICTE approved Technical Institutions. In view of Reservation Policy issued by Govt. of Haryana vide notification no.22/10/2013-1GSIII dated 28.02.2013, the reservation of seats in Govt. / Govt-Aided Institutions are as under: (subject to change by State Government):-

Percentage Distribution of Seats

Category	Code	Percentage
[a] All India Category Seats	AIO	15% of the sanctioned intake
[b] State Quota		85% of the sanctioned intake
[b-1] Haryana Open General Category	HOGC	30% of State Quota i.e. 25.5% of total intake
(General)		
[b-2] Reserved Categories of Haryana		70% of State Quota i.e. 59.5% of total intake
Scheduled Castes	SC	20% of State Quota (17% of total intake)
Backward Classes of Haryana (A)	BCA	16% of State Quota (13.6% of total intake)
Backward Classes of Haryana (B)	ВСВ	11% of State Quota (9.35% of total intake)
Special Backward Classes	SBC	10% of State Quota (8.5% of total intake)
Economically Backward Person in the	EBP	10% of State Quota (8.5% of total intake)
General Castes Category		
Physically Handicapped	PH	3% of State Quota (2.55% of total intake)

In the event of quota reserved for physically handicapped remain unutilized due to non-availability for suitable category of handicapped candidates, it may be offered to the Ex-serviceman and their wards (1%) and the dependents of freedom Fighters (1%).

For private unaided institutions:-

The sanctioned intake in a private institute shall be distributed as under:-

- i) 25% of sanctioned intake shall be filled by the institutions.
- ii) 75% of sanctioned intake shall be filled through HSTES as per State Reservation Policy as mentioned above.

The private institutes have voluntarily opted that admissions of 75% of sanctioned intake in their institutes shall be done by HSTES from Haryana resident and All India open (AIO) category candidates.

For private unaided Minority institutions –

- i. All India category including NRI seats not exceeding upto 15% (at the discretion of the management as above).
- ii. Minority Quota 42.5% of sanctioned intake fixed by the State Govt. vide notification No. 20/5/2004-4TE, dated 25.06.2004.

Further, 3% Horizontal reservation is also provided to Ex-serviceman/Freedom Fighters and their dependents by providing reservation within reservation of 1% of general category, 1% out if scheduled castes and 1% from backward classes category for admissions to the various educational institutions o the Government and Government aided/institutes Located in Haryana. As far as block allocation in Block A and Block B of Backward Classes category is concerned yearwise rotational system will be adopted. For example, if block of Backward Classes are given seats in the academic year 2006, the next block i.e. B Block of category of Backward Classes will be given seats in the next academic year i.e. 2007 and so on.

iii. Balance- 42.5% (half for Haryana Open General and half for reserved categories of Haryana in the ratio as specified above).

SPECIAL QUOTA SEATS

Haryana State Technical Education Society (HSTES) has implemented various schemes of Govt. of Haryana, AICTE New Delhi and MHRD through special reservation given as under:

- Haryana Govt. School Topper (HGST): One seat in each branch in each Polytechnic is reserved for each Topper of Govt. Schools of Haryana (having minimum 2nd division) and shall be filled on the inter-se merit of percentage of qualifying exam (i.e. 10th class) through Online counseling at www.tehadmissions.gov.in. Candidate(s), if any, want to avail the benefits of this scheme alongwith through DET have to purchase separate Diploma Prospectus exclusively for this scheme and also have to submit separate counseling fees.
- Kashmiri Migrants (KM): One seat in each branch in each Polytechnic is reserved for Kashmiri migrants for Diploma(Engg.) and these seats are to be filled up on supernumerary basis on the inter-se merit of percentage of qualifying exam (i.e. 10th class) through Online counseling at

www.tehadmissions.gov.in, by Haryana State Technical Education Society. Candidate(s), if any, want to avail the benefits of this scheme alongwith through DET have to purchase separate Diploma Prospectus exclusively for this scheme and also have to submit separate counseling fees.

- Tuition Fee Waiver (TFW): Under TFW Scheme of AICTE, Seats up to maximum 5 percent of sanctioned intake per course shall be available for these admissions in all institutions approved by AICTE. These seats are supernumary in nature and shall be filled through online counseling on the basis of DET-2014 rank. Candidate(s), if any, want to avail the benefits of this scheme have to fill the Annexure-XX (available online at www.hstes.org) in addition to Appendix I & IA of Diploma Prospectus and submit the same to any one of the Principal of 16 collection centres (refer to chapter no.6).
- 03 seats are reserved for three year Diploma (Engg) course in printing technology at Northern Regional Institute of Printing and Technology, Taliargang, Allahabad-U.P. These seats along with any other seats if allotted by MHRD for Polytechnics in other state(s), the same are to be filled on the basis of merit of DET-2014 only by HSTES through open advertisement.

Note:

- 1. Change, if any, shall be applicable at the time of counseling.
- 2. If the number of seats in any particular category is not a round figure, 0.5 or above will be taken as one and less than 0.5 shall be ignored, except that in Physically Handicapped, Children and Grand-children of Freedom Fighters and Ex-Servicemen and their Wards Categories, at least one candidate will be admitted from all the three categories in total, even if the share is less than 0.5 seats provided the number of sanctioned intake in the particular course is 30 or above.
- 3. Merging of sub-categories in the reserved categories and removal of ESM priorities of Haryana shall be made before 2nd Phase counseling. The vacant seats of reserved categories of Haryana shall be converted and offered to General Category candidates along with other net resultant vacancies in the subsequent counseling.
- 4. A candidate, who applies for reserved category will be considered first in general category. In case, he/she does not get a seat of his/her choice in general category, then he/she will be considered for his/her reserved category as applicable.

INSTRUCTIONS FOR THE CANDIDATES CLAIMING RESERVATION FOR HARYANA RESIDENTS:

All the candidates claiming to be bonafide Residents of Haryana should produce a Haryana Resident Certificate signed by competent authority as per details given in Annexure-I/IA/IB. A format of certificate for Resident of Haryana is given at Annexure-VI of this Diploma Prospectus. A format of certificates from the employer in the case of employees of Govt. of Haryana, members of All India Services borne on Haryana Cadre, employees statutory bodies/corporation is given at Annexure-VII.

SCHEDULED CASTE/ SCHEDULED TRIBE (SC/ST):

A candidate claiming seat against the seats reserved for Scheduled Caste / Scheduled Tribe (SC/ST) (as per list at Annexure-II) will have to attach a copy of the certificate given at Annexure-VIII of this Diploma

Prospectus from the competent authority, that is, Circle Revenue Officers (Tehsildar/Naib Tehsildar-cum-Executive Magistrate of the District/Sub Division) to which the candidate is a permanent resident.

BACKWARD CLASS (BC):

A candidate-claiming seat against the seats reserved for Backward Class (BC) Block A/ Block B (As per Annexure-III) will have to submit and produce a certificate in the format at Annexure IX of this Diploma Prospectus. An affidavit as given at Annexure-X is to be submitted by the parents of BC category candidate.

EX-SERVICEMAN (ESM) :

A candidate claiming seat against the seats reserved of Ex-Serviceman must attach a certificate from the Secretary District Soldier, Sailors Airman's Board as a proof of their being as such. The candidate claiming seat against the seats reserved for children/wards of the Armed Forces Personnel must attach a certificate from the local unit as a proof of their being as such. Against the seats reserved for children/wards of Armed Forces Personnel/Ex-Servicemen, First priority in the admission shall be given to the candidate whose father died in action while in active service. Next priority shall be given to Ex-Serviceman himself seeking admission and only the remaining seats if any, shall be given to the children/wards of Armed Forces Personnel/Ex-Servicemen who may be either serving or may have served the army. The children/wards of Civil G.T. Cops A.S.C, who are civilian class III and IV Government servants and serve in the field under the same conditions as Military Personnel, are also entitled to the same concession as applicable to the defence personnel Annexure V and XV.

FREEDOM FIGHTER (FF)/ DEPENDENT OF FREEDOM FIGHTER (DEF):

The candidates claiming the reservation for children/wards of freedom fighter shall be required to produce certificate from the office of the Chief Secretary to Government of Haryana (protocol and publicity branch) duly signed and stamped. The candidate should also submit an affidavit counter signed by the Magistrate showing the relationship of the candidate with the freedom fighter. The certificate can also be obtained from Deputy Commissioner of concerned district of Haryana State as per Annexure -XII.

PHYSICALLY HANDICAPPED (PH):

The handicap disability should not be less than 40 % and should not interfere with the requirement of the professional career as an Engineer/Architect/Technician in all the courses. The certificate to to this effect should be obtained from Civil Surgeon heading the constituted medical board as given at Annexure -XI.

KASHMIRI MIGRANTS (KM)

One seat is reserved in each discipline in each Institute for each course i.e. Diploma (Engg.), Diploma (Pharmacy) and Diploma (Hotel Management) The seat of Kashmiri Migrants is supernumerary i.e. over and above the sanctioned intake. For admission against this seat, the Kashmiri Migrants will be required to have the original certificate of Migration duly signed by the competent authority or Relief commissioner.

HARYANA GOVT. SCHOOL TOPPER (HGST)

One seat is reserved in each discipline in every institute for admission of toppers (having minimum 2nd division) of Govt. High Schools of Haryana for admission in 1st semester Diploma in Engg. trades. The admission will be made on the basis of percentage of qualifying exam subject to the fulfillment of the eligibility conditions mentioned in the respective section of the Diploma Prospectus. The candidates will produce a certificate in the support of their claim from the Principal/Headmaster of the Govt. School of which the candidate is topper clearly stating the strength of class. The merit would be made as per the criteria mentioned for the respective Diploma Course.

TUITION FEE WAIVER SCHEME (TFW)

- Under TFW Scheme of AICTE, Seats up to maximum 5 percent of sanctioned intake per course shall be available for these admissions in all institutions approved by council. These seats are supernumary in nature and shall be filled through online counseling.
- The candidate applying for Tuition Fee Waiver Category will produce the relevant Income Certificate of the parents from all sources from the organization where parents are working or Affidavit of Income on stamp paper from Notary (Annual income of Parents/Guardians should be less than Rs. 4.50 lakhs from all sources).











Information Regarding Intake

- 1. Institutions/disciplines/intake are subject to change by the competent authority.
- 2. One seat in each branch in all Govt./Govt.Aided/Self financing institutes is reserved for Kashmiri Migrants, as per guidelines of AICTE. These seats are supernumerary seats.
- 3. For Haryana Govt. School Topper (HGST): One seat is reserved in each course/discipline in every institute for admission of toppers (having minimum 2nd division) of Govt. High Schools of Haryana (having minimum 5 students on roll), for admission in 1st semester in Diploma Engg Courses. Seat reserved for HGST is within the sanctioned intake.
- 4. The Institutes opting for Tuition Fee Waiver scheme are permitted to fill the seats upto 5% of the total sanctioned intake per course in the institutions approved by council. These seats are supernumerary in nature and shall be filled through online counseling.
- The candidate applying for Tuition Fee Waiver Category will produce the relevant Income Certificate of the parents from all sources from the organization where parents are working or Affidavit of Income on stamp paper from Notary (Annual income of Parents/Guardians should be less than Rs. 4.50 lakhs from



Ragging

1. Ragging in educational institutions is banned and any one indulging in ragging is likely to be punished appropriately, which may include expulsion from the institution, suspension from the institution or classes for a limited period or fine with a public apology. The punishment may also take the shape of (i)

withholding scholarships or other benefits, (ii) debarring from representation in events, (iii) withholding results, (iv) suspension or expulsion from hostel or mess, and the like. If the individuals committing or a betting ragging are not/cannot be identified, collective punishment can be awarded to act as a deterrent.



2. The following will be termed as

the act of ragging: any disorderly conduct whether by words spoken or written or by an act, which has the effect of teasing, treating or handling with rudeness any other student(s), indulging in rowdy or indisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in fresher or junior student(s) or asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

Candidate are required to submit the following two affidavit to ensure that they shall not be indulge in ragging (above type of activities)

- Affidavit by the Student (available at annexure XVIII)
- Affidavit by Parents/Guardian (available at annexure XIX)

Post Admission Instructions & Rules

- 1. The prospectus is made comprehensive & the institution's endeavor is to provide all information regarding General Rules, eligibility, seats availability and fee structure. As no. of seats are limited so it is important that any candidate seeking admission should satisfy him/her of all queries through the counselor in person/telephonically before taking admission.
- 2. Fee once paid (as per the fee structure) is non refundable under any circumstances and it is also to inform that continuity certificate from the principal before the semester examinations will be issued only to those candidates whose semester fees is paid in advance before the semester examination.
- 3. The probable dates of fees submission is April & Nov. of each year. The notice / mail / sms / telephone conversation will be done well in advance to inform the same. Late fees charges of Rs. 25/- per day will be charged for late submission of semester fees & part payment charges will attract the same fine as that of non payment.
- 4. Candidates can pay their fees either by cash / cheque / DD / Swapping Card / Debit Card / NEFT / IMPS / PayTM. In case of bouncing of cheque a fine at Rs. 1000/- will be taken along with fees and candidate will be barred to submit fees through cheque till the entire tenure of his/her training.

Account Name: Baba Saheb Ambedkar Polytechnic

Account No. 922020028216482
Bank Name: Axis Bank Ltd.

IFSC CODE: UTIB0000079

- Branch : VIkaspuri, New Delhi
- 5. a) For each student to enjoy the full benefits of the facilities placed at his disposal, he must abide by the rules and regulations of the institution. These are solely designed to safeguard the welfare and privileges of students and those of the fellow students and are liable to change without notice from time to time. The students are advised to keep themselves informed about the day-to-day instructions given to them. A plea of ignorance of any rule cannot be accepted as an excuse for breaking it.
 - b) Any student of first semester absenting from class on the very first day without notice or without adequate reasons is liable to be removed from the rolls of the Institute by the Principal.
- 6. Students are expected to behave with decorum and to pay due respects to their faculty and other staff members. Every member of staff has the authority to forbid disorderly behavior either within or outside the Institution and must be immediately obeyed by students in such circumstances. Students failing to observe this clause, are liable to be punished with levy of fines and even expulsion from the Institution.
- 7. Talking loudly, loitering or congregating in the institute premises, or any other mode being a source of disturbance and annoyance to others is not permitted.
- 8. Smoking, consuming of alcohol, Tobacco is not allowed either in the Institution, Examination Hall, or in the hostel premises. Any student found committing breach of this rule shall be expelled from the Institution

- summarily.
- 9. Late arrival or early departure from a class are recorded as absence from the class for the period concerned.
- 10. It is misdemeanor, to interfere with any apparatus or enter any department other than directed, is not allowed.
- 11. No student has any authority over the employees of the Institution.
- 12. Survey instruments, tools and other apparatus/equipment of laboratories and workshops must be left in good order after use. Damage caused due to mishandling shall be charged as fine.
- 13. All students must attend any industrial visit arranged for them unless previously exempted by the Principal and notes on the visit shall be submitted within a fortnight after visits.
- 14. Students themselves only are responsible for their own belongings/property whilst in the Institution and Hostel premises. No responsibility shall be accepted for any loss or damage to student's property
- 15. Student shall observe all safety precautions. The Polytechnic is not responsible for accidents for whatever nature in the Polytechnic or Hostel or Workshop or Laboratories or during the tours organized for the students.
- 16. The studies at the Institute require attention and diligence on the part of students. A student neglecting his studies and showing unsatisfactory progress, will be given two warnings after which if he fails to improve, he will be liable for expulsion from the Institution.
- 17. The Conduct inconsistent with general ethics or persistent neglect of work or failure to respond promptly to official notices shall be punished with levy of fines and even expulsion from the Institution.
- 18. Students are advised to deposit all cash with the Local Post Office /Bank and draw the requirements from time to time. The institution is not responsible for any loss by theft or otherwise.
- 19. No Institute society shall be formed without the permission of the Principal.
- 20. The decisions of the Principal shall be final in all matters concerning the Institute's administration and regulation,
- 21. The Rules and Regulations/Instructions framed by the State Board of Technical Education, Haryana shall have superseding effect over the provisions and representations made in this prospectus. A copy of such Rules and Regulations will be maintained in the institute's library and should be referred to by each student. Any amendments or modifications in the rules will be kept in the library office of the Principal of the Institution for the reference of the students for making themselves upto date in respect of such amendments.
- 22. Legal disputes, if any, to the level of session court are subject to the Jurisdiction of the place of centralized admission.
 - **Uniform:** The students of the Polytechnics are required to strictly abide by the rules pertaining to uniform as prescribed by the respective institute. Every student shall equip himself/herself with the necessary sets of uniform. Non-compliance may lead to imposition of fines.
 - Hostel: Normally, every student is required to stay in the hostel. However, if any student desires to stay outside the hostel, he/she will have to obtain prior approval of the Principal of the Institute acting on request by parents and the Principal may allow such exemption only after satisfying himself/herself. The resident students will be required to pay prescribed fees. The resident students shall have to strictly abide by the rules and regulations of the hostel. They are under the disciplinary control of the Hostel Superintendent and warden and shall obey all the orders issued from time to time. Any breach of the Hostel rules & regulations by

any student is liable for serve punishment amounting to expulsion from the hostel and even from the Institution.

Library and Reading Room: Each Institute maintains a good collection of books of technical, professional and general interest. The students are allowed to use of these books freely under the following regulations:-

Books must be returned or got renewed within 15 days, but the Librarian may summon the return to any book

earlier and when urgently required.

2. Fine as per Library rules will be imposed for every book returned late.

- 3. Students will be required to pay the cost of books, if lost by them. Fine as per library rules shall also be imposed.
- 4. Marking on books, defacing or tearing of paper is not permitted and the defaulters will ordinarily be required to pay the price of the book.
- 5. Technical journals are only provided in the Reading Room for the students.

Book Bank: Every polytechnic maintains a Book
Bank having sufficient number of Text books for the poor and needy students. Books are issued to the deserving students for full semester/year.

Institute's Magazine: Every Institution publishes an annual journal which contains articles of technical as

well as general character together with the news and notes of that Institution.

Students Extra Curricular Activities: The Institution provides facilities for different kinds of extracurricular activities of the students like Sports, Games, Engineering Societies, Social Services Squad, Volunteer Squad, Hobby Club, Music and Dramatic Club etc. Every student can take part in one or more of the activities provided.

The Institutions are equipped with modern teaching aids. The instructional work is supplemented with film shows mostly of technical character for the benefit of the students.



Medals and Prizes: Every year a number of medals and prizes for proficiency in various subjects and extracurricular activities are awarded to the students on the basis of each semester/year activities of each discipline by the Institution.

Medical Aid: The Polytechnics have their own dispensaries where the requisite medicines and part-time service of a competent Doctor are arranged for rendering first-aid facilities and medical check-up in the Polytechnics.

Conclusion: With admission into the institute, there begins a period of great responsibilities, He/she should recognize that the success of his/her carrier depends largely upon his/her own purpose, industry and determination to make the best use of the opportunities offered. The Institute offers instructions and allows the use of equipment. Teachers and others are ready to help with encouragement and advice and it will be upto the student to derive greatest advantage from facilities offered to him/her. He/she should be prepared

Placement & Training Procedure

PLACEMENT

- Invitation sent to company/organization with relevant information.
- Company gives their consent and sent soft copy of all details and PPT (Pre-placement talk) Material.
- On receipt of consent, the placement office calls for students to submitted resumes before specified dates.
- Placement team schedules the date for campus interviews as per the convenience.
- After the selection process the company needs to send the offer letters to the placement office to hand over to students.

INDUSTRIAL SUMMER TRAINING

As per the BOTE curriculum Industrial summer training is necessary for all Diploma. Students to provide Industrial exposure. It will help students to gain extra knowledge and make them acclimatize with the working atmosphere of the company. In order to provide better training options, TP cell liaison with many company and industries. After completion of 6 weeks training students are required to submit the reports and have to present the seminar on their training.

TOUR AND INDUSTRIAL VISIT

Various tours and visits have been organized by TP cell to various industries make the student interacted with manufacturing processes and machines available in these industries. This really helps students to improve their practical knowledge.



Courses with Guaranteed Job Placement

Baba Saheb Ambedkar Polytechnic believes in creating an unfettered and favourable environment for students to grow, think differently, become empowered to progress and prosper in life after completing their education. We at

Baba Saheb Ambedkar Polytechnic help students become job ready which is the 1st step towards a fulfilling career.

To accomplish this objective, *Baba Saheb Ambedkar* Polytechnic has set up its Training and Placement Cell to maximize career potential of the students and facilitate their placements with reputed companies. The cell offers a broad range of career services that empower students to explore, define, and realize their career goals.

Our objective is to provide the students lifetime tools and skills for professional development, job search success, and career satisfaction. We do so by empowering them with all the real world skill sets that todays competitive corporate environment demands. Conducting training workshops on topics ranging from CV building, Group Discussions to high impact presentations & interview handling skills, domain specific training; we offer all. We also conduct management development trainings such as leadership & motivation, art of business communication, corporate grooming & etiquettes and many more that help a candidate prepare for the sea of opportunities ahead. In simpler words, we make our students Employable.

Result oriented Working

The robust working of the placement cell here ensures optimal results even in uncertain times. All the placement procedures till now have been immune to the market conditions outside. Whether the time is good or bad, companies are always in search for capable employees, and *Baba Saheb Ambedkar* Polytechnic provide such talent in abundance.

Industry Interface

As part of student training and placement programme, *Baba Saheb Ambedkar* Polytechnic provides industry interface opportunities to the students to facilitate their employment with respective industries. Apart from organizing guest lectures/tutorials and conferences, the industrial visits are also arranged for the benefit of the students.





BABA SAHEB AMBEDKAR POLYTECHNIC

Campus: BSA Polytechnic, MP Majra, Teh. Beri, (Jhajjar)

Registered Joint Venture with

Baba Saheb Ambedkar Technical Educational Society, New Delhi

Delhi Counseling & Admission office of Baba Saheb Ambedkar Polytechnic

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