

No.

DET 2012 **ODISHA**

INFORMATION **BROCHURE**

FOR ADMISSION

TO
**FIRST SEMESTER/FIRST YEAR DIPLOMA IN ENGINEERING/
TECHNOLOGY/ARCHITECTURE/NON-ENGINEERING**

AND

**LATERAL ADMISSION TO SECOND YEAR
(THIRD SEMESTER) ENGINEERING/ TECHNOLOGY**

IN

**GOVERNMENT & PRIVATE ENGINEERING
SCHOOLS/ POLYTECHNICS OF ODISHA**



PROGRAMME FOR DIPLOMA ENTRANCE TEST-2012, ODISHA

Date of Examination-13.05.2012 (Sunday)

SL. No.	Examination	Sitting	Time
01	1 st Semester Diploma in Engineering/ Technology / Architecture	1 st Sitting	10.00 AM to 12.30 PM
02	1 st Semester / 1 st year Diploma in Non Engineering i.e. (B.C., GD&FT, Pharmacy, HM&CT, MOM)	2 nd Sitting	2.00 PM to 4.30 PM
03	3 rd Semester Diploma in Engineering / Technology (Lateral Entry)	2 nd Sitting	2.00 PM to 4.30 PM

NB: The candidates are to report at the Examination Centre 30 minutes before the start of Examination.

The Salient features of "The Odisha Professional Institutions (Regulation of Admission and Fixation of Fee) Act, 2007 are as follows.

- **Methods of admission in professional educational institutions:** Subject to provision of this Act, admission of students in all private professional educational institutions, Government institutions and sponsored institutions to all seats including lateral entry seats, shall be made through DET conducted by the Policy Planning Body followed by counselling in order of merit, in accordance with such procedure as recommended by such body and approved by Government of Odisha.
- **Reservation of seats:** In a private professional educational institution other than minority institution not exceeding **5 (Five)%** of the approved intake may be filled up by NRI from the merit list prepared on the basis of DET as per AICTE guideline issued in this regard.
- **Prohibition of Capitation Fee:** (i) No capitation Fee shall be collected by a professional educational institution or by any person who is in charge of the institution, from any candidate in consideration of his admission to or continuance in any course of study or his promotion to higher class in such institution under the management. (ii) Where the Policy Planning Body (PPB) on receipt of any complaint or is otherwise satisfied that the Management of such institution or any person who is in charge of the Management of such institution has contravened the provisions of Sub-Section (I), the Body may after making due enquiry in the manner prescribed, recommend to the Govt. for imposition of fine not exceeding rupees Ten Lakh against the Management of such institution for such contravention.

IMPORTANT NOTES

Candidates for DET-2012 have options to apply either ON-LINE or OFF-LINE.

1. This Information Brochure is for admission to Diploma Engineering / Diploma Engineering (Lateral Entry) / Diploma Non-Engineering courses for the Academic Year 2012-13 only. Its contents are subject to change without prior notice.
2. Admissions to 1st semester Diploma Engineering Course and 3rd semester Diploma Engineering (Lateral Entry) shall be made on the basis of the merit rank of DET-2012. There may be web based e-counselling for admission to 1st / 3rd Semester Engineering Courses. Admissions to Non-Engineering courses shall be made on the basis of the merit rank of DET-2012 through manual computerized Central Counseling.
3. The candidate desirous of applying **ONLINE** for DET-2012, can make their payment either through Demand Draft or Deposit through NEFT mode. If the candidate wants to pay through Demand Draft, he/she has to prepare a Bank Draft for ₹.300/- (Rupees Three Hundred) only Non-Refundable in favour of **DTE&T, Odisha**, payable at **Cuttack** and accordingly to upload relevant information in the DET-2012 Application form available in DET website. If the candidate wants to pay through NEFT mode, he/she has to take the printout of the fee deposit slip after filling up the form and deposit the amount at any scheduled commercial bank with core banking facility. The printed copy of filled in application form duly signed by the candidate along with photograph & the aforesaid Bank Draft or NEFT Fee deposit acknowledgement slip should be deposited at any sale cum receipt counter or sent to the **DET Cell, BOSE, Cuttack**, by Speed Post/ Regd. Post/ Courier which must reach on or before the last date of submission of Application Form as mentioned in Chapter-4. The application form without Bank Draft or NEFT Deposit Acknowledgement Slip will be summarily rejected.
4. The candidate desirous of applying **OFFLINE** for DET-2012. He/she has to deposit ₹.400/- (Rupees Four Hundred) only Non-Refundable by Cash for the Information Brochure and OMR Application form which are available for sale at the sale cum receipt counters as mentioned at Chapter-5, Clause-3.2.
5. Instruction for filling and submitting of **OFFLINE** application form:
 - a. Ensure that you fulfill all eligibility criteria given in Chapter-3
 - b. Submit only one application form even if applying for one or more courses.
 - c. A machine will process the OMR application form by picking up only the darken area. Therefore darken the bubbles corresponding to the letters or numerals using HB Pencil or blue/black ball pen and all information may be written using blue / black ball pen. Please go through Chapter-6 for details.
 - d. Options such as Category, Choice of Exam. Center, Gender & Reservation once darkened in the application form cannot be changed at a later stage.
 - e. Note down the OMR application form number (printed near the bar code) and quote this number for all future correspondence.
 - f. Completed application form must be deposited either by hand at any sale cum receipt counter or sent to the **DET Cell, Bhubanananda Odisha School of Engineering, Cuttack-753007** by Registered / Speed Post/ Courier with acknowledged delivery, which must reach on or before the last date of submission of Application form as per the Chapter-4.
 - g. No acknowledgement card will be sent. However, you may check the status of your application on the Website : www.detodisha.nic.in / www.dtetorissa.gov.in
6. Your application must be completed in all respects. Incomplete application forms or application forms filled in a language other than English or the application form received after the last date of submission will be summarily rejected.
7. Original certificates, mark sheets and other documents will be verified at the time of counseling with respect to category and reservation that you are claiming.
8. Your claim of admission will be rejected if you do not appear personally and submit the certificates, mark sheets, other necessary documents and requisite fees at the time of Counseling.
9. Your admission may be cancelled at any time if certificate / mark sheet / any other documents are found to be forged or manipulated.
10. A candidate will not be considered for admission, if he/she fails to substantiate his/her claim with respect to Reservation, Category, Residence, DOB, Qualification etc. with original documents at the time of counseling.
11. Appearance of Diploma Entrance Test (DET-2012) does not automatically confirm right of admission to Diploma courses.
12. The details of the Counselling procedure shall be intimated to all rank holders separately along with the rank card.

NOTE: The Courts at Cuttack alone shall have the jurisdiction to settle and decide all matters and Disputes related to DET-2012

1.1 INTRODUCTION :

In India Technical Education is imparted generally in three levels i.e. ITI, DIPLOMA and DEGREE in a massive scale. Some passed out graduates are also prosecuting Post-Graduate and Research work. Diploma level institutions play a vital role in producing Diploma holders in various fields of Engineering and Technology, Pharmacy, Architecture, Beauty culture and Medical related Diploma courses. These Diploma graduates render their services in the capacity of skilled technicians, Supervisors and middle level technical trained man-power as per the need of Industries / Govt. Dept. / Public Sectors undertakings / Defense / Railways and all other employers. Due to rapid industrial growth in the sector like Steel, Sponge Iron, Power Aluminum, IT by leading Private sectors like Arceller Mittal Group, POSCO, Jindal, Vedanta, ESSAR STEEL etc. in addition to capacity expansion of existing public sector units like RSP, NALCO, NTPC, IB VALLEY PROJECT etc. Odisha is becoming an industrial hub in the Eastern Zone. Seeing this high potential of employment for Diploma holders large number of institutes were established as per norms and standards of AICTE and approved by AICTE / State Govt. and affiliated to SCTE&VT, Odisha, Bhubaneswar. At present there are **92 Polytechnics (12 Govt. + 80 Private)** in the state with approved intake of **28600 in 24 disciplines** of Engineering and Non-Engineering courses. Further, few new Govt. Engineering School/ Polytechnics are likely to come up during the session 2012-13 against which admission may also be taken. Details will be available in our website. The Government is very keen to expand polytechnic education and to produce quality technician manpower through polytechnics in the State. An integrated approach for Technical Education has been adopted i.e. provision for admission of ITI pass out to 3rd Semester Diploma and Polytechnic pass out to 3rd Semester Degree Engineering made under lateral entry scheme.

1.2 ADMINISTRATION AND CERTIFICATION:

The Government Polytechnics/ Engineering Schools of the State are under the administrative control of the **Directorate of Technical Education & Training (DTE&T), Odisha, Cuttack**, under the Department of Employment and Technical Education & Training, Government of Odisha, Bhubaneswar. IGIT, Sarang & ITT, Choudwar are fully aided polytechnics managed by Registered Societies. All the Diploma Courses of the state are affiliated to the **State Council for Technical Education & Vocational Training (SCTE&VT), Odisha**. Semester Examination is conducted at the end of each Semester. Diploma is awarded after passing the final examination conducted by SCTE&VT, Odisha.

1.3 TRAINING AND PLACEMENT :

In order to facilitate recruitment of the final year / passed out students in different Industries/ Organisations through off campus/ in campus, Training & Placement Cell has been established in each Diploma Institutes. The provision of one-year Post Diploma Apprenticeship Training by Board of Practical Training (ER), Government of India is optional for the passed out students. Besides getting placement in various

Central/ State Govt. Departments/ Defence/ Paramilitary forces our Polytechnic students are continuously getting employed with starting salary ranging from ₹.8000/- to ₹.15000/- per month, in the following industries/ organization like: **TATA Steel, Mando India, Gavrial India, Spicer India, Mattex Infra Ltd, TATA Telex Service, LTD Cement, ACC Ltd, HINDALCO Ltd, TRL- Belpahar, Mahindra & Mahindra, Add Soft, Gupta Power Infrastructure, KP Papers Ltd, Seba Paper Ltd, Mahle Filter System, Sipla-Pune, Jayashree Chemicals, Johnder-Pune, ESSEL Mining, ESSAR Steel, MESCO Steel, IMFA group, Adani Group, Adhunic Metalics.**

1.4 CURRICULAR DEVELOPMENT ACTIVITIES:

Constant endeavor is being made to update the syllabus as per the need of the Industry and advancement of the technology. Seminar and Co-curricular activities are regularly conducted among the students for an all round development of future technicians. It ensures a fundamental and common approach to equip future technicians to face the emerging challenges of Industries in particular & Society in general.

It provides uniform basic knowledge and skill competencies relevant to service Industries, Engineering and Technology with vertical and horizontal mobility of the students for their professional growth.

Special emphasis is being given for development of communication skills and personality. Communication Skill Labs have been set up in all Govt. Polytechnics.

With a view to inculcate the habit of team spirit emphasis is being given for Sports and allied activities like: NCC, Short term educational tours, sports at institute level, facilities for Volleyball / Football / Cricket / Athletics etc.

1.5 WELFARE AND MOTIVATIONAL SCHEMES:

The following scholarships/ assistance are being awarded to the students reading in Diploma Institutes as per their eligibility criteria.

- Merit cum poverty scholarships for 10% students in every discipline in every Govt. institute.
- Post-matric scholarships to ST/ SC/ OBC/ SEBC/ Minority Community students in all institutions.
- Financial assistance under student welfare scheme.
- Tuition fee waiver scheme for sons and daughters of parents whose annual income is less than Rs. 2.50 lakhs from all source.
- National Scholarship basing on HSC Marks.
- Junior Scholarship basing on HSC Marks.

The admission to all Diploma level programmes in the State (All intakes of Govt. Engineering Schools, Odisha quota in outside State Polytechnics decided by MHRD and all seats of Private Engineering Schools & Polytechnics) are made through Diploma Entrance Test (DET)

CHAPTER - 1

ABBREVIATIONS AND TERMS USED

"AICTE"	means "All India Council for Technical Education"
"Allotted Seat"	means "Seat allotted during counselling"
"BSE"	means "Board of Secondary Education, Odisha"
"CBSE"	means "Central Board of Secondary Education"
"CHSE"	means "Council of Higher Secondary Education, Odisha"
"Department"	means "Employment and Technical Education & Training Department, Govt. of Odisha, Bhubaneswar"
"DET-2012"	means "Diploma Entrance Test-2012"
"DET (L)"	means "Diploma Entrance Test (Through Lateral Entry) - 2012": Through this scheme candidates of 10+2 Science, +2 Vocational & ITI holders are admitted in 3 rd Semester of Diploma Course directly.
"ES"	means "Ex-Servicemen and their Wards" of Odisha.
"ICSE"	means "Indian Certificate of Secondary Education"
"Intake"	means "Sanctioned Intake"
"MHRD"	means "Ministry of Human Resource Development, Government of India"
"NRI's Seats"	means "the Seats meant for son & daughters of Non-Resident Indians"
"PH"	means "Physically Handicapped" of Odisha.
"Qualifying Examination":	For Qualifying Examination, refer to Chapter 3.
"Reported seat"	means allotted seat confirmed after physical reporting at the allotted institute.
"SCTE&VT"	means "State Council for Technical Education & Vocational Training (Affiliating Board)".
"SC" / "ST"	means "Scheduled Caste / Scheduled Tribe of Odisha"
"SF"	means "Self Financing scheme"
"State Govt."	means "Government of Odisha"
"TFW"	means "Tuition Fee Waiver" Scheme.

CHAPTER-2

GENERAL INFORMATION

- 1) The Application Form for all Diploma Courses is available ONLINE which may be filled up neatly & correctly and should be submitted on or before due date.
- 2) Any candidate who has been disqualified or debarred by the University or Board or any other Statutory Board shall not be eligible for admission to the Polytechnics of Odisha State for the period he/ she has been debarred.
- 3) Canvassing in any form is strictly prohibited. Further, if any candidate, person or official engages himself/ herself in any unlawful Act that results or indulges in any kind of unfair means in the Test, he/she shall be liable to prosecution under relevant law as per Indian Penal Code.
- 4) The Principal of the concerned Polytechnic/ Institute shall satisfy himself regarding the authenticity of all documents/certificates submitted by the candidates for the purpose of their admission in the Polytechnic and shall be verified by the institution from the issuing authority. The Principal/ Authority of the verifying institution shall be held solely responsible for any ineligible/ irregular admission made in the Polytechnic, which shall not be regularized by the DET Committee.
- 5) If a candidate is admitted on the basis of the information submitted by him/ her, which is found to be incorrect/ false later on, his/ her admission shall be cancelled and all fees/ dues paid by him/ her shall be forfeited. The DTE&T, Odisha/ Institute may also take further action, as deemed fit, against the candidate and his/ her guardian in accordance with provisions of law.
- 6) Fulfilling eligibility for Diploma Engineering / Diploma Engineering (Lateral Entry) /Non-Engineering courses with respect to qualification shall be proved by the candidate at the time of counseling. The candidate may seek admission at his/her own risk and cost and if he/ she is found ineligible at any time, his/ her entire dues shall be forfeited and his/her admission shall be cancelled for which he/she shall have no claim, whatsoever.
- 7) Candidates seeking admission in private unaided institutions are advised to ensure that they are lawfully admitted failing which, they shall not be authenticated by the DTE&T and shall not be registered by the State Council of Technical Education & Vocational Training (SCTE&VT), Bhubaneswar and they themselves shall be responsible for any such lapse.
- 8) The decision of the DTE&T, Odisha in all matters relating to the admissions shall be final and binding.
- 9) All disputes pertaining to examination and counseling for making admissions to all Diploma Courses for the session 2012-13 are subject to the jurisdiction of Courts at Cuttack only. The DTE&T shall be the legal authority in whose name the State may sue or may be sued for this purpose. No suit, prosecution or other legal proceedings shall lie against the State of Odisha or any Officer of the State Govt. or the Counseling Agency or SCET&VT, for anything which is done in good faith or intended to be done for the purpose of DET examination and counseling.
- 10) Always quote your Application Form No & Roll No of DET-2012 while making correspondence regarding admission to Diploma Courses.

IMPORTANT INFORMATION FOR CURBING RAGGING:

- 1) 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 indiscipline 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.
- 2) 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 abetting ragging are not/ cannot be identified, collective punishment can be awarded to act as a deterrent.
- 3) In pursuance to the order of the Hon'ble Supreme Court passed in Civil Appeal No. (S) 24295/2004, if any incident of ragging comes to the notice of the Authority, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him/her from the Institution.
- 4) Directions of the Hon'ble Supreme Court passed in the judgment of Civil Appeal No.887/2009 to control ragging in Educational Institutions should be strictly followed. As per the order of the Hon'ble Supreme Court some of the salient measures shall be taken for information of students/ guardians.
 - a. The serious view taken by the Hon'ble Supreme Court of India on ragging may be brought to the notice of all students.
 - b. All senior students should be made aware of punishment to be awarded to them if they are found to be involved in ragging.
 - c. At the time of admission all students should submit undertaking to the effect that they will never be involved in ragging to their junior students during their study in the institute.
 - d. At the time of counselling students should be made aware to file complaints if seniors are indulging in ragging.
 - e. An institutional frame work should be put in place where the students can file complaint against ragging.

CHAPTER - 3

3.1.A. ELIGIBILITY CRITERIA FOR ADMISSION TO 1ST SEMESTER DIPLOMA IN ENGINEERING /TECHNOLOGY

SL. NO.	COURSE	DURATION	ENTRY QUALIFICATION	AGE AS ON 1.7.2012.
1	First semester diploma courses (All Engineering except Mining & Drilling)	3 years	Passed 10 th standard / HSC or its equivalent examination recognized by BSE, Odisha and obtained at least 35% marks at the qualifying examination with pass in both Math & Science subject.	Lower age 14 years and Upper age – No bar
2	First semester diploma courses (Mining & Drilling Engineering)	3 years	Passed 10 th standard / HSC or its equivalent examination recognized by BSE, Odisha and obtained at least 35% marks at the qualifying examination with pass in both Math & Science subject.	Lower age 16 years and Upper age – No bar

3.1.B. ELIGIBILITY CRITERIA FOR ADMISSION TO 1ST SEMESTER / 1ST Year DIPLOMA NON- ENGINEERING

SL. No.	COURSE	DURATION	ENTRY QUALIFICATION	AGE AS ON 1.7.2012.
1	Modern Office Management (MOM).	3 years	Pass in 10+2 Examination from the council of Higher Secondary Education of Odisha or its equivalent examination in Science/ Arts/ Commerce recognized by CHSE.	Lower age 16 years and Upper age – No bar
2	Hotel Management & Catering Technology (HM&CT)	3 years	Pass in +2 Examination from the Council of Higher Secondary Education of Odisha or its Equivalent with Science/ Arts/ Commerce obtained at least 45% Mark (40% in case of reserved category at the qualifying examination)	Lower age 16 years and Upper age – No bar
3	Pharmacy *	2 years	Pass in +2 Science Examination from the Council of Higher Secondary Education, Odisha or its equivalent with Physics, Chemistry, Biology or Mathematics or as approved by PCI.	-do-
4	Garment Design & Fashion Tech. (GD&FT)	3 years	Passed 10 th standard / HSC or its equivalent examination recognized by BSE, Odisha and obtained at least 35% marks at the qualifying examination with pass in both Math & Science subject.	Lower age 14 years and Upper age – No bar
5	Beauty Culture (B.C.)	2 years	Passed 10 th standard / HSC or its equivalent examination recognized by BSE, Odisha and obtained at least 35% marks at the qualifying examination with pass in both Math & Science subject.	-do-

* Subject to affiliation by PCI.

3.1.C. ELIGIBILITY FOR ADMISSION TO 3RD SEMESTER DIPLOMA IN ENGINEERING / TECHNOLOGY UNDER LATERAL ENTRY

COURSE	DURATION	ENTRY QUALIFICATION.	AGE AS ON 1.7.2012.
Third semester diploma courses (Lateral admission for eligible branches only)	2 years	+2 Science with PCM / +2 Vocational (2 years course) pass out students in any Engg. Trades / 10 th Pass with 2 year ITI pass certificate	Lower age 14 years and Upper age – No bar

- 1) ITI / +2 Vocational (2 years course) pass out students in any Engineering Trades are eligible for admission to 80% seats of Lateral Entry in any discipline of Diploma Engineering Programme. For the rest 20% seats, +2 Science Pass out with PCM are eligible under Lateral Entry in Diploma Engineering programme (vide G.O. No. IXTTI-8/2009/4624/I, dt.26.03.2010)
- 2) Seats remaining vacant in either of the aforesaid category will be filled up from other category and vice-versa as the case may be.
- 3) +2 Science with PCM / +2 Vocational (2 years course) pass out students in any Engineering Trades and 10th pass with 2 years ITI pass certificate shall be admitted against 20% supernumerary seats in Govt. / Private Institutions.
- 4) In case of under Metric, 2 years ITI Trade courses, the candidates should have passed 10th standard at the time of the application for admission to Diploma courses under Lateral Entry.
- 5) Regarding CoE Trade, the candidate should have passed one year BBBT & 6 months Advance Module. He/she has to produce the completion certificate of Specialized Module issued from the concerned Principal.
- 6) The ITI candidates having Computer Operator and Programming Assistant (+2 entry level qualifications) are eligible for admission to only Computer Science & Engineering and Information Technology branch under lateral entry.
- 7) No admission will be done under Lateral Entry in Architecture Assistantship, Beauty Culture, Garment Design & Fashion Technology and all non-engineering courses.

- NB :**
- To avail reservation, the candidate must be permanent resident of Odisha.
 - For admission to 3rd Semester Diploma Course under lateral entry, the candidate must be a permanent resident of Odisha
 - In both the above cases the candidate has to produce the permanent resident certificate from the competent authority in Form-V.
 - The Government of Odisha / Diploma Entrance Test Committee, 2012 will not be responsible for any regulation of service where such requirement of age exists. The candidate should take admission at his / her own risk as regard to age regarding regulation of service.
 - Some seats in Diploma Courses outside the State are allotted by MHRD / AICTE for Odisha State Candidates. Minimum eligibility criteria and age limits as applicable in the concerned States will be followed for admission to those seats. The allotted seats in different states during 2011-12 is reflected at Chapter-9 as an indicator. However the latest allotted seats during 2012-13 will be reflected in our website : www.detodisha.nic.in before commencement of counselling.

CHAPTER – 4

SCHEDULE FOR DET- 2012

1	SALE of application form ONLINE / OFFLINE	FROM 15-03-2012 to 16-04-2012
2	RECEIPT of application form OFFLINE at different Sale cum Receipt counters	FROM 15-03-2012 to 16-04-2012
	RECEIPT of application form ONLINE & by Post at BOSE, Cuttack	FROM 15-03-2012 to 19-04-2012
3	Availability of DET - 2012 Roll No. and Centre list at Website: www.detodisha.nic.in	FROM 08-5-2012
4	Diploma Entrance Test (DET-2012) for admission to 1st Semester Diploma in Engineering	13-05-2012 (Sunday) : 1 st Sitting : 10:00 AM to 12:30 PM (Candidate shall report by 9.30 AM)
	1st Semester / 1st year Diploma in Non-Engineering (B.C., GD&FT, HM&CT, MOM, Pharmacy)	2 nd Sitting : 2.00 PM to 4.30 PM (Candidates shall report by 1.30 PM)
	3rd Semester Diploma in Engineering / Technology Entry)	2 nd Sitting : 2.00 PM to 4.30 PM (Candidates shall report by 1.30 PM)
5	Declaration of Result on Website: www.detodisha.nic.in	On 26-05-2012 (Lateral & Non-Engg.) On 10-06-2012 (Diploma Engineering)

N.B. :

- Application form duly filled in can be submitted on or before (5.00 PM) of the last date of receipt at any Sale cum Receipt counter.
- Application form duly filled in can also be submitted by Registered / Speed Post / Registered Courier Service to the **DET Cell, C/o. BOSE, Cuttack – 753007** so as to reach on or before (5.00 PM) of the last date of receipt.
- Any application received after due date will not be considered in both OFFLINE & ONLINE mode.
- The DET-2012 committee will not be responsible for any postal delay or irregularity or loss in postal transit of the application form.
- Candidates shall report to the examination center well before time, no entry shall be permitted after 10:00A.M. for 1st sitting and 2.00 P.M. for 2nd sitting.

CHAPTER – 5

HOW TO APPLY DET-2012

Candidates are advised to read the eligibility criteria at **Chapter-3** carefully. A candidate can apply for **DET-2012** either **ONLINE** or **OFFLINE**. If a candidate does not fill the category option to which he/she belongs, then he/she will be deemed to be a 'GE' category candidate.

1. For applying Online

Candidates can apply online if they have access to computer, printer and Internet by logging on to DET Website. The site has been designed in a user friendly way to help candidates to apply Online in a step by step mode. ONLINE application portal will be opened from **dt.15-03-2012 (10.00 AM) to dt.16-04-2012 (5.00 PM)**.

The Examination fee for **ONLINE** mode is ₹.300/-. Candidate has to submit the amount in shape of Bank Draft drawn in favour of DTE&T, Odisha or through NEFT with valid UTR number along with filled-in downloaded online application form. The candidate has to write his name & application form No. in the back of the draft or photo copy of the acknowledgement slip of deposit through NEFT and it should not be stapled/ pinned.

2. Instructions for applying Online

- Log-on to DET Website i.e. www.detodisha.nic.in
- Go to menu item "**Apply-Online**"
- Enter your Name, Parent/ Guardian's name, Date of Birth and generate **User ID** and **Password**, note down the **User ID** and **Password** for future reference.
- Check from the list provided whether you have all the items for applying **Online**.
- Fill the **ONLINE** application form carefully by entering all the DATA asked for. ONLINE help (Tool-Tip) is provided at every stage to fill the form correctly.
- Choose the payment option (i.e. Bank Draft or NEFT)
- If Bank Draft is chosen, provide draft details like draft number, date, issuing bank etc
- If NEFT is chosen, take print out of the NEFT deposit slip and deposit the amount in any scheduled commercial bank having core banking facility.
- Take a print out of filled in application form.
- Paste your recent photograph at the appropriate box. Keep two more copies of your photographs for future use.
- Put your signature and the signature of your parent/guardian in the appropriate boxes.
- Keep a photo copy of the filled in application form along with the photo and signatures for future use.
 - a. Put the downloaded / printed application form in an A4 envelope without folding it along with either the Bank Draft or NEFT deposit acknowledgement slip amounting to ₹.300/-, drawn in favour of DTE&T, Odisha, seal the envelope securely and submit in person at any sale-cum-receipt counter or send it by **REGISTERD / SPEED POST / COURIER SERVICE to DET Cell, Bhubanananda Odisha School of Engineering (BOSE), Cuttack – 753007** (keep the postal receipt for future reference) so as to reach on or before (5.00 pm) of the last date of receipt.

- b. It is mandatory to submit the above Downloaded/ Printed Application form along with either Bank Draft or NEFT deposit acknowledgement slip of ₹.300/- which should reach any Sale cum receipt counter or can be sent to the above mentioned address so as to reach on or before (5.00 pm) of the last date of receipt, failing which the case shall not be taken into consideration.

- This completes your On-line application process.
- No acknowledgement will be given for applications. However, you can verify your application status by logging-in with your **User ID & Password** after a week. If you see any discrepancy, call us or email us using the details given on the web site.
- Confidentiality of **Password** is the sole responsibility of the Candidate.
- You are required to remember your **User ID & Password** for all future logins.

3. For applying off-line

- 3.1 Sale of **OMR** application (Off-line Form & Information Brochure) will start from **10 A.M. dt.15-03-2012** and closes at **5 P.M. dt.16-04-2012**. The application material can be obtained from any of the sale cum receipt counters as listed. The cost of application material including the Examination fee is ₹.400.00 per candidate for **OFFLINE** mode.

3.2. Instructions for applying Offline

- A. Read carefully the eligibility criteria.
- B. Please note down the five digit application form number for future reference. Read the instructions carefully before filling the application form. Refer to the sample filled in application form provided on the last two pages.
- C. First write in Capital letters the required information in rectangular boxes above the circles (wherever provided) and then darken the appropriate circle underneath each letter. What you write in these boxes is only for your guidance and for verification that you are darkening the correct circle.
- D. A machine will process the top portion of the application form. The machine picks up only dark marks. Therefore, darken the circles carefully using HB pencil or blue/ black ball pen only. Please see the illustration on the application form to learn how to darken the circles.
- E. If you wish to change a marking, erase the darkened circle completely and then darken the appropriate circle. This is possible if you are using pencil. Otherwise, you can use white correction fluid for covering wrongly darkened circle.
- F. Do not scribble, smudge, cut, tear or wrinkle the application form. Do not put any stray marks anywhere on the application form.
- G. Do not write or mark on the Barcodes.
- H. Your photograph, signature and address are to be scanned by another machine that recognizes only good quality images, and from the specified areas of the form. Therefore **paste a good quality Color photograph taken not more than two months earlier**, and write your address in **black/ blue ball pen** only and put your signature using **black ball / Ink pen** only.

I. Please note that your name, your parent's / guardian's name, and your date of birth should exactly be the same as in your 10th standard examination certificate. Any discrepancies, whenever discovered, may lead to cancellation of your candidature.

J. Your application must be complete in all aspects. Incomplete application or application filled in a language other than English will be summarily rejected without any notice.

K. Options filled by you in the application form can not be

changed at a later stage.

L. It is suggested that you make a photocopy of the application form before filling and use that first for practice.

M. **It is advised to be more careful while filling up of Point No-6, i.e. Course in the application form.**

List of Sale cum Receipt Counters

S. NO.	NAME	ADDRESS	PHONE
1	Adarsha School of Engg. & International Polytechnic	Angul	9437383020
2	Aryan Inst. of Engg. & Technology (Poly)	Sundargram, Cuttack	9937005103/ 9937407733
3	Asian School of Technology,	Bantala, Muktapur, Khurda	7381009630/ 9238109155
4	Aumsai Institute of Technical Education (Poly),	Berhampur, Ganjam	9437127721
5	B.I.T. Polytechnic	Balasure	06782-224757/ 9437054705
6	Badri Prasad Institute of Technology	Debaipali, Sambalpur	9437056259
7	Balaji Inst. of Tech. & Science Knowledge Centre	Gunupur, Gunupur	9437234009
8	Balasure School of Engineering,	Ranipatna, Balasure	06782-260610/ 9437177904
9	Barapada School of Engineering & Technology	Barapada, Bhadrak	06784-261717/ 9937924482
10	Barunei Institute of Engineering & Tech. (Poly),	Kadalibadi, Khurda	9938275029
11	Berhampur School of Engineering & Technology,	Dora, Berhampur, Ganjam	0680-222820/ 9437062282
12	Bhadrak Engineering School & Technology	Asurali, Bhadrak	9437266180/ 9439900105
13	Bharat Institute of Engineering & Technology,	Sivram Vihar, Berhampur, Ganjam	9437216984
14	Bhubananada Odisha School of Engineering,	BOSE Campus, Cuttack-7	0671-2414092/ 2414086
15	Bhubaneswar Polytechnic,	Janala, Bhubaneswar, Khurda	9437635751/ 9437357001
16	Biju Patnaik Institute of Technology,	Phulbani, Kandhamal	06842-256057/ 9437485918/ 9438211895
17	Biju Pattnaik Film & Television Institute of Orissa,	BOSE Campus, Cuttack-7	0671-2413968
18	Black Diamond School of Engineering,	Brajarajnagar	06645-242202/ 9861066049
19	C.V. Raman Polytechnic	Bhubaneswar, Khurda	0674-3260602/ 9437970171/ 9040930339
20	City Inst. of Technical Education	Kuanr Munda, Rourkela,	0661-2112232/ 9437045074/ 9861096054

21	Dhableswar Institute of Polytechnic,	Athagarh, Cuttack	9437443155
22	District Industries Centre	Deogarh	06641-226054
23	District Industries Centre	Gajapati	06815-222084
24	District Industries Centre	Jagatsinghpur	06724-221707
25	District Industries Centre	Nawarangpur	06858-222303
26	Divine Institute of Engineering Technology,	Poda Astia, Baripada, Mayurbhanj	9437218293
27	DRIEMS (Dhaneswar Rath Inst. of Engg. & Mgmt. Studies)	Tangi, Cuttack	9437124318
28	Ganapati Inst. of Engg. & Tech. (Poly)	Jagatpur, Cuttack	9437019869/ 9437926428
29	Gandhi Polytechnic (Gandhi Group of Institutions),	Golanthara, Konisi, Berhampur, Ganjam	0680- 211188/99/ 9337733014/ 9337733006
30	Gandhi School of Engineering,	Purusottampur, Berhampur, Ganjam	0680-2283619
31	Ganesh Institute of Engg. & Tech (Poly)	Andharua, Bhubaneswar, Khurda	0674-3203000/ 9437069834
32	Govt. Industrial Training Institute	Anandapur, Keonjhar	06731-220301
33	Govt. Industrial Training Institute	Bhawanipatna, Kalahandi	06670-230494
34	Govt. Industrial Training Institute	Bolangir	06652-250693
35	Govt. Industrial Training Institute	Boudh	06841-222336
36	Govt. Industrial Training Institute	Khariar Road, Kalahandi	06678-222792
37	Govt. Industrial Training Institute	Malkanagiri	9438179400
38	Govt. Industrial Training Institute	Phulbani, Kandhamal	06842-253753
39	Govt. Industrial Training Institute	Puri	06752-251112
40	Govt. Industrial Training Institute	Sonepur	9438108270
41	Govt. Polytechnic, Berhampur	Berhampur, Ganjam	0680-2291660/ 9439156167
42	Govt. Polytechnic, Bhubaneswar	Chandrasekharpur, BBSR, Khurda	0674-2300947
43	Govt. Polytechnic, Dhenkanal	Mahisapat, Dhenkanal	06762-226541
44	Gurukrupa Technical School,	Narsingpur, Cuttack	06721-270643/ 44/ 45/ 9338703161/ 9437373605
45	Gurukula Engg. School,	Jamajhari, Chatabar, Khurda	0674-2111096/ 9437373605
46	Hi-Tech. Institute of Engg & Mgmt,	Ranital, Bhadrak	06784-265826/27
47	Hi-Tech. Institute of Information & Tech.,	Umeri, Jeypore, Koraput	06854-233114/ 9861039572
48	Holy Institute of Technology	Gobindapur, Ganjam	9777499997
49	Ideal School of Engineering (Poly)	Jhinkharada, Khurda	0674-3244603

50	Indira Gandhi Institute of Technology, Sarang (Society)	Sarang, Dhenkanal	06760-240371/ 9437081177/ 9437728608
51	Indus School of Engineering	Barakuda, Khurda	0674-2111590
52	Institute of Engineering & Management	Jeypore, Koraput	9437339805
53	Institute of Textile Technology, Choudwar (Society)	Choudwar, Cuttack	0671-2493528/ 9938036770
54	Jeypore School of Engineering & Technology	Rondapalli, Jeypore, Koraput	9437091092/ 9437181310
55	Jhadeswar Inst. of Engineering & Technology	Chhanpur, Balasore	9437159501
56	Jharsuguda Engineering School,	Jharsuguda – 768203	06645-272605
57	Kalahandi School of Engineering & Tech (Poly)	Bhawanipatna, Kalahandi	9437091092
58	Kalam Institute of Technology (Poly),	Berhampur, Ganjam	9437261562
59	Kalianga Inst. of Mining Engineering & Technology	Chhendipada, Angul	06761-252336
60	Kalinga Inst. of Engineering & Technology	FC Project, Jajpur	9937272791
61	Kalinga Nagar Polytechnic	Tarapur, Jajpur	9438213164/ 9337603577
62	Kalinga Polytechnic (KIIT)	Bhubaneswar, Khurda	0674-2725098/ 9338887377
63	Keonjhar School of Engineering,	Dimbo, Keonjhar	9437962498
64	Koustav School of Engineering,	Patia, Bhubaneswar, Khurda	0674-2743599
65	Krupajal Engineering School	Prasantivihar, Kousalyaganj, BBSR, Khurda	0674-2112358/ 9338302901
66	Mahalaxmi Institute of Tech. & Engg. (Polytechnic)	Mrigini, Raj Nilagiri, Balasore	06782-261549/ 9853832864/ 9338281168
67	Mahamaya Institute of Medical & Tech. Science (Poly)	Nuapada	9937056380/ 9439211009
68	Maharaja Polytechnic	Taraboi, (Behind Barunei Hill), BBSR, Khurda	9437180035
69	Mayurbhanj School of Engineering,	Baripada, Mayurbhanj	9437188959
70	MITS School of Engineering,	Janala, Bhubaneswar, Khurda	0674-3274480/ 9437480955
71	MITS Institute of Polytechnic,	Kolonara, Rayagada	06856-211411/ 9861766431
72	Nalanda Institute of Technology,	Chandaka, Bhubaneswar, Khurda	9938632362
73	Narayani Inst. of Engineering & Technology	Banarpal, Angul	9437193437
74	Nayagarh Institute of Engg. & Technology	Vidyavihar, Nayaharg	9937465397
75	Nilachal Polytechnic	Bhubaneswar, Khurda	0674-2725417/ 18/ 9437037989/ 9438321548
76	Orissa Institute of Engineering & Technology,	Dhenkanal	06762-243333/ 9437143020
77	Orissa School of Engineering (Poly),	Berhampur, Ganjam	9437263263

78	Orissa School of Mining Engineering,	Keonjhar-758001	06766-255432
79	Pabitra Mohan Institute of Technology	Talcher, Angul	9439921778
80	Padmashree Krutartha Acharya Inst. of Eng. &Tech.	Baragarh	06646-262052
81	Pathani Samanta Institute of Engg. & Tech (Poly)	Dhenkanal	9338740300/ 9777066494
82	PNS School of Engineering & Tech.,	Marshaghai, Kendrapara	9437440666
83	Puri Engineering School (Poly)	Baliguali, Puri	9861444772
84	Purna Chandra Inst. of Engineering & Technology	Chhendipada, Angul	9438253319
85	Purusottam School of Engineering & Tech (Poly)	Mandiakudur, Rourkela, Sundergarh	9437041539
86	Raja Kishore Chandra Academy of Technology	Nilagiri, Balasore	06782-233132/ 9853870507
87	Ramarani Institute of Technology	Balasore	9437215904
88	RK Institute of Engg. & Technology	Kantapada, Niali, Cuttack	9938056328
89	Rourkela Institute of Technology	Kalunga, Rourkela, Sundergarh	0661-2661164
90	Samanta Chandra Sekhar Inst. of Tech. & Mgt.	Similiguda, Koraput	06853-225666/ 9437236059
91	Sanjay Memorial Institute of Tech.	Ankuspur, Berhampur, Ganjam	9437091781/ 9437497666
92	Satyasai School of Engineering (Diploma)	Srikona, Panjibag, Sunhat, Balasore	9438579977
93	Siddhartha Institute of Engg. & Tech. (Poly)	Ektaguda, Koraput	9437699009
94	SKDAV Govt. Polytechnic	Basanti Colony, Rourkela, Sundergarh	0661-2505150
95	Sri Polytechnic	Komond, Odagaon, Nayagarh	9938877887
96	SSB Regional Inst. Sc. & Tech (Poly),	Chitrada, Mayurbhanj	9437744676
97	State Institute of Plumbing Technology	Patamundai, Kendrapara	0671-2344922
98	Suddhananda Residential Polytechnic,	Nachhipur, Cuttack	9437296858
99	Sundergarh Engineering School,	Kirei, Sundergarh	9437049866
100	Sushree Institute of Technical Education	Bolangir	06652-250687
101	Swami Vivekananda School of Engg. & Tech (Poly)	Bhubaneswar, Khurda	0674-2111303/ 9437570284
102	Uma Charan Patnaik Engineering School,	Berhampur, Ganjam	0680-2291826
103	Utkal Gourab Madhusudan Institute of Technology	Rayagada – 768001	06856-222073
104	Utkal Institute of Engineering & Technology	Rathipur, Khurda	0674-495991/ 2495992/ 9439264467
105	Utkalmani Gopabandhu Institute of Engineering	Rourkela, Sundergarh	0661-2508030/ 9438714872
106	Zenith Institute of Science & Technology	Jatani, Khurda	0674-2430367/ 8908018083

CHAPTER – 6

HOW TO FILL UP OMR APPLICATION FORM (POINT WISE)

1. NAME OF THE APPLICANT:

Write your name in **CAPITAL LETTERS** as given in your original certificate of 10th standard or equivalent examination in **Black/ Blue ball pen**. Write a single letter in each box. Within any one word of your name, do not leave any blank box. Leave one and only one blank box between any two words of the name. If your name has several initials leave one blank after each of them. If it requires more than 35 boxes abbreviate the middle name(s). Darken the appropriate circle under each letter of the name.

2. NATIONALITY:

Darken the appropriate circle, **INDIAN**, for Indian Resident or **NRI**, if you are a Non Resident Indian.

3. DOMICILE: (Please Refer Chapter-10)

Darken the appropriate circle.

Odisha State Domicile	S
Outside Odisha State Domicile	OS
Odias living in outlying Odia speaking tract	OL

4. CATEGORY :

Candidates belonging to "S" Domicile and seeking admission under reservation in **ANY ONE OR MORE** as applicable of the followings are to darken the appropriate circle(s). Reservation is not applicable to "OS" & "OL" Domicile candidates.

Category	Code
General	GE
Scheduled Caste	SC
Scheduled Tribe	ST
Children of Green Card Holder	GC
Children/Wards of Ex-Servicemen	ES
Physically Handicapped	PH
Sports	SP
NCC	NC

5. GENDER:

Darken the appropriate circle for **MALE** or **FEMALE**.

6. COURSE:

Darken the appropriate circle

- If a candidate wishes to appear DET-2012 for admission to 1st semester Diploma Engineering course only, then he/she should darken the circle meant for Diploma Engineering only.
- If a candidate wishes to appear DET-2012 for admission to 1st semester / 1st Year Diploma Non-Engineering Courses only then he/she should darken the circle meant for Diploma Non-Engineering only.
- If a candidate wishes to appear DET-2012 for admission to 3rd semester Diploma Engineering Course under Lateral Entry only then he/ she should darken the circle meant for Diploma Engineering (Lat) only.
- If a candidate wishes to appear DET-2012 both for admission to 1st Semester Diploma Engineering Course and 1st Semester / 1st year Diploma Non-Engineering Course then he/she should darken the circle meant for Diploma Engineering and Diploma Non-Engineering only.
- If a candidate wishes to appear DET-2012 both for admission to 1st Semester Diploma Engineering course and 3rd Semester Diploma Engineering Course under Lateral Entry, then he/she should darken the circle meant for Diploma Engineering & Diploma Lateral only.

N.B. :

1. Candidates are required to opt. for only one choice out of the 5 options.
2. The examination time table will not permit other combination of courses.

7. BOARD / COUNCIL OF QUALIFYING EXAMINATION:

Darken the appropriate circle

8. QUALIFYING EXAMINATION FOR ADMISSION UNDER LATERAL ENTRY:

The candidate applying for admission to 3rd semester engineering courses under lateral entry shall have to darken the appropriate circle as per the qualifying examination he/she passed or to be passed before counseling.

9. DATE OF BIRTH (As per 10th Pass Certificate):

Enter the date, month and year of your birth as per the English Calendar and as recorded in your School/ Board/Examination certificate of 10th standard. Use numerals 01 to 31 for DATE, 01 to 12 for MONTH and the last two digits of the YEAR of Birth. For example, if born on 8th March 1988, the date should be entered as follows: 08 03 88, Darken the appropriate circle in each column.

10. CHOICE OF EXAMINATION CENTRE:

Table gives a list of numerical codes of the places where centers for the DET- 2012 will be located. Select three different places in order of your preference. Enter the appropriate codes in the boxes provided at the top and darken the corresponding circles below them. The first preference must be entered under column-I and the second and the third preference under column-II & III respectively.

1. Candidates who desire to appear Diploma Engineering (Lateral) or Diploma in Non-Engineering Course are allowed to appear the **DET-2012** at: **ANGUL, BALASORE, BERHAMPUR, BHUBANESWAR, BOLANGIR, CUTTACK, JEYPORE, JHARSUGUDA, KEONJHAR** and **ROURKELA CENTERS** only. Accordingly he/she has to give choice of centre in order of preference.

2. Candidates who desire to appear both Diploma Engineering & Diploma Engineering (Lateral) or Diploma in Engineering & Diploma in Non-Engineering Course are allowed to appear the **DET-2012** at: **ANGUL, BALASORE, BERHAMPUR, BHUBANESWAR, BOLANGIR, CUTTACK, JEYPORE, JHARSUGUDA, KEONJHAR** and **ROURKELA CENTERS** only. Accordingly he/she has to give choice of center in order of preference.

LIST OF DET-2012 CENTRES (Inside Odisha) WITH CENTRE CODE

Centre	Code	Centre	Code	Centre	Code	Centre	Code
Anandpur	01	Boudh	12	Keonjhar	23	Puri	34
Angul	02	Choudwar	13	Khurda	24	Rairangpur	35
Balasore	03	Cuttack	14	Koraput	25	Rayagada	36
Barbil	04	Deogarh	15	Malkangiri	26	Rourkela	37
Bargarh	05	Dhenkanal	16	Nawarangapur	27	Sambalpur	38
Baripada	06	Jagatsinghpur	17	Nayagarh	28	Sonepur	39
Berhampur	07	Jajpur	18	Nuapada	29	Sundergarh	40
Bhadrak	08	Jaleswar	19	Padampur	30	Talcher	41
Bhawanipatana	09	Jeypore	20	Paradeep	31		
Bhubaneswar	10	Jharsuguda	21	Paralakhemundi	32		
Bolangir	11	Kendrapara	22	Phulbani	33		

LIST OF DET-2012 CENTRES (Outside State) WITH CENTRE CODE

Centre	State	Code
Jamshedpur	Jharkhand	42
Kolkata (Salt Lake)	West Bengal	43
Patna	Bihar	44
Raipur	Chhattisgarh	45
Ranchi	Jharkhand	46
Srikakulam	Andhra Pradesh	47

Any DET centre may be cancelled owing to poor response, operational difficulties or any other reason. Candidates may not necessarily be allotted a particular place as DET centre of their

choice. Hence the decision of DET Committee in the allocation of the center shall be final.

11. TUITION FEE WAIVER SCHEME (TFW)

- a. The scheme shall be mandatory for all Institution approved by the AICTE.
- b. 5% of the sanction intake per course shall be available for these admissions. These seats shall be supernumerary in nature.
- c. Sons and daughters of parents whose annual income is less than Rupees 4.5 Lakhs from all sources shall only be eligible for seats under this scheme.
- d. The waiver is limited to the Tuition Fee as notified

N.B. : Candidates admitted under TFW scheme shall not be allowed to change their Branch/ Institution to which they are originally admitted.

12. COMPLETE POSTAL ADDRESS:

Write the complete postal address to which any communication is to be sent, the address must include your name, c/o name if required, and other details including the Pin Code for the mail to reach you. Indicate the phone number, if any, with STD code. Please note that this block will be machine scanned and therefore, it should be written very clearly in black / blue ball pen only (not in pencil). If you make any mistake, cover the whole box with an exact sized white paper slip and write your address on it. You may also paste a typed address slip inside the box. Your address must not overflow this box.

13. PHOTOGRAPH:

Paste (do not staple) a recent good quality **COLOUR** photograph of size 3.5cm x 4.5 cm taken not more than two months earlier on the OMR Application Form. It is expected that the candidate will have the same appearance at the time of examination and counseling as in this photograph. In case your appearance changes, you are required to bring two new photographs at the time of examination. Do not sign on the photograph and do not get it attested.

Note: Photograph should not be larger than the space provided in the box for pasting it. Keep four more copies of the same photograph, to be required at the time of verification of original documents / reporting at the Institution.

14. SIGNATURE:

Put your **Full Signature** in black ball / Ink pen within the box provided. Your signature must not overflow or touch the border of the box provided. Your signature establishes your identity. Hence, do not merely write your name in **CAPITAL LETTERS**. This may lead to **REJECTION** of your application.

15. NAME OF THE PARENT / GUARDIAN (AS PER 10th Pass CERTIFICATE) :

Write the name of your parent / guardian exactly as in your 10th Pass or equivalent certificate. Write a single letter in a box. Within any word of the name, do not leave any blank box. Leave one and only one blank box between any two words of

the name. Darken the appropriate circle under each letter of the name. If the name has several initials, leave one blank after each of them.

16. PHONE NUMBER INCLUDING STD CODE:

Darken the appropriate circle.

17. MOBILE NUMBER (Last 10 digit only) :

Darken the appropriate circle.

Write your Mobile Phone number. If a candidate does not have own Mobile Phone number he/she may provide any other's Mobile Phone number to which SMS message can be sent for immediate communication.

18. COMPLETE PERMANENT ADDRESS INCLUDING NAME:

Write in **CAPITAL LETTERS** your complete permanent address as specified in your residential / nativity certificate.

19. DECLARATION BY THE CANDIDATE:

The candidate must sign the declaration in black/ blue ball pen. The place and date should also be entered. Two signatures, One below the declaration and the other in the box below your photograph, should be identical. Applications without signatures or with different signatures at the two places will be treated as incomplete and hence will be summarily rejected. The declaration by the candidate must be countersigned by Parent / Guardian. Write the name of Parent/ Guardian in the space provided.

CHAPTER – 7

7.1 RULES FOR ENTRANCE EXAMINATION:

- i. The Diploma Entrance Test, 2012 will be held as per the scheduled date and time mentioned.
- ii. The medium of examination for candidates to be admitted in 1st Semester is English and Odia. The medium of Examination for candidates to be admitted in 3rd Semester under Lateral Entry (LA) and Non-Engineering course is English only.
- iii. The examination hall shall be opened to the candidates half an hour before the examination commences. No candidate will be allowed to enter in the examination hall without a valid original/ duplicate admit card.
- iv. Candidates are required to take their respective seats at least 20 minutes before the commencement of the examination, strictly according to the sitting chart notified earlier by the Centre Superintendent.
- v. Distribution of Question Book-lets to the candidates should be given 15 minutes before the commencement of the Examination for filling up of required information in the Question Book-let/ Answer sheet.

- vi. The candidates shall be asked to break open the seal of the question book-lets 5 minutes before the commencement of the Examination for checking the order of the question book-lets. If any discrepancy in question book-let is noticed by the candidates, the same may be immediately informed to the invigilator for replacement.
- vii. In no case a candidate is allowed to enter the examination hall after the examination starts.
- viii. Attendance will be taken by the invigilators on the Attendance Roll sheets provided with full signature of candidates against their Roll Numbers, fifteen minutes before the commencement of examination. During examination the candidates have to enter against their roll number, the application number and the answer sheet serial number on the attendance roll sheets which shall be verified by the invigilators.
- ix. No candidate will be allowed to leave the hall without surrendering his/ her question booklet and answer sheet until the examination is over. Ordinarily no candidate shall be allowed to leave the hall temporarily during the examination.
- x. Candidates suffering from any disease which renders their presence in the examination hall undesirable in the interest of other candidates will not ordinarily be allowed to enter the examination hall. Candidates are not allowed to have substitute writer.
- xi. Candidates should bring their own black/ blue ball pens, HB pencils for writing and blackening the circle. Books, printed papers (other than their Admit Cards) manuscripts, or electronic gadgets such as mobile phones, cell phones and electronic diary calculators etc should not be taken into the examination hall.
- xii. The candidates are advised to inspect the question booklet and answer sheet about its completeness before attempting to answer. In case page/ pages are found missing, torn or not in order, the candidates should immediately report to the invigilator and get a fresh question answer book issued after surrendering the defective one.
- xiii. Candidates are not permitted to talk to each other in the examination hall. No one should receive any help from or assist another in any manner. Malpractice of any form detected during or after the examination would entail not only cancellation of candidature but also more severe punishment as deemed fit by the DET Committee, 2012.
- xiv. A candidate should write his / her roll number as assigned in his/her admit card and sign in the space provided in the question booklet and answer sheet. He/ She should on no account write anywhere in the answer sheet his/her own name, roll number or anything else that is not strictly connected with the answers to the question given. Writing of any such thing or a false roll number is a serious offence. The answer sheet without the candidate's roll number clearly written in the space provided will not be examined.
- xv. A candidate wishing to say anything should stand up in his/her seat and remain standing until the invigilator attends to him/her. He/ She should on no account leave the seat or make any noise to draw the invigilator's attention.
- xvi. In any other matter not provided in these rules, the Centre

Superintendent is empowered to take necessary decisions.

- xvii. The valuation of answer sheet will be done by machine/computer. Hence, revaluation/ rechecking of answer sheet is not permissible.

7.2 EXAMINATION PROCEDURE / VALUATION METHODOLOGY:

- A. There will be multiple choice type questions. The number of questions will be 100 & duration two and half hours. Each question shall have four answers (including one or more correct answer(s) and the examinee shall have to blacken only the appropriate circle (which he/she considers most correct) in HB pencil or black / blue ball point. Each correct answer shall fetch four marks whereas each incorrect answer will lead to deduction of one mark. Each un-attempted question will fetch zero. If more than one circle is darkened for one question, it will be treated as an incorrect answer and one mark will be deducted.
- B. **Selection for admission to Diploma Engineering Courses (for both first semester and lateral) will be on the basis of DET-2012 merit rank.** For candidates obtaining equal marks in DET-2012 merit, the candidates with higher marks in mathematics will be placed at higher rank. If the candidates have same marks in mathematics, the candidate having higher marks in Physics will be placed at a higher rank. If the candidates have same marks in Physics, then the candidate having higher marks in chemistry will be placed at higher rank. For the candidates having same marks in chemistry, the senior in Age will be placed at higher rank.
- C. **Selection for Admission to Diploma Non-Engineering courses will be on the basis of DET-2012 merit Rank.** - For candidates obtaining equal marks in DET-2012 merits, the candidate with higher marks in Math will be placed at higher Rank. If the candidate has same marks in Math, the candidate having higher marks in science will be placed at higher Rank. For the candidate having same marks in science, the candidate having higher marks in English will be placed at higher rank. For candidates having same marks in English, the candidates having higher marks in General Knowledge will be placed at higher rank. For candidates having same marks in General Knowledge, the senior in age will be placed at higher rank.

7.3 WRONG / CORRECT WAYS OF MARKING:

Each question is followed by answers which have numbers A B C and D. Select the most appropriate answer. Then by using HB pencil or black / blue ball pen darken the circle bearing the correct answer in the answer sheet against the corresponding number of the question. The wrong & correct method of answering is illustrated below:

Wrong & Correct Methods of showing your answer

- WRONG METHOD (A) (B) (C) (D)
- WRONG METHOD (A) (B) (C) (D)
- WRONG METHOD (A) (B) (C) (D)
- WRONG METHOD (A) (B) (C) (D)
- CORRECT METHOD (A) (B) (C) (D)
- CORRECT METHOD (A) (B) (C) (D)
- CORRECT METHOD (A) (B) (C) (D)
- CORRECT METHOD (A) (B) (C) (D)

CHAPTER – 8

HOW TO GET ADMIT CARD & RANK CARD

- Admit Card shall be sent by post.** In case of non receipt of Admit Cards the candidate can download the duplicate **Admit Card** from the website : www.detodisha.nic.in after **7th May 2012**.
- Information regarding the **DET – 2012 Roll No.** and **Examination Center** may be sought or browsed from website: www.detodisha.nic.in
- A **Duplicate Admit Card** can also be obtained from the center superintendent on payment of **₹.20/-** with an application written by the candidate and two (2) nos. attested recent photographs of the candidate identical with the photograph pasted in the original Application.

4. Result of DET-12

- Result will be available on the Websites: www.detodisha.nic.in
- Rank card along with detail information of counseling will be dispatched in due time to the candidates.** In case of non receipt of Rank Cards the candidate can download the Rank Card from the website: www.detodisha.nic.in after the date of publication of **DET Rank**.
- Re-valuation / Rechecking of answer sheet is not permissible.**

CHAPTER - 9

AVAILABILITY OF COURSES AND INTAKE CAPACITY

- The seats shown below in different disciplines in Govt. & Private Institutes are as per the AICTE approval for 2011-12. Admissions for 2012-13 shall be made according to approval of AICTE for 2012-13.
- Counseling shall be done for all seats of Govt. Engineering Schools / Polytechnics and also for **95% seats** of Private Engineering Schools / Polytechnics subject to approval of Govt. The rest **5% seats** shall be filled up as per the revised guidelines of AICTE.
- Admission to new Diploma Institutes will be made subject to AICTE approval during 2012-13 and admission will only be conducted through DET-2012 for the session 2012-13.
- There are some seats reserved for ODISHA STATE students in Polytechnics of other state. The details of such discipline/ seats will be notified at the time of counseling schedule subject to receipt of confirmation from the MHRD/AICTE, New Delhi in time. The seats approved by MHRD during 2011-12 are reflected below for the reference of the students.

List of Seats approved by MHRD during 2011-12

Sl . No.	Name of the Course	Name of Institution / State	No of Seats
1.	Printing Technology	Maharashtra RIPT, Jadavpur, West Bengal	01 06
2.	Production & Industrial Management	Haryana	02
3.	Photography	RIPT, Jadavpur, West Bengal	03

INTAKE CAPACITY OF GOVERNMENT ENGINEERING SCHOOLS/ POLYTECHNICS DURING 2011-12

SI No	NAME OF THE INSTITUTION	YEAR OF ESTT	CIVIL	ELECTRICAL	MECHANICAL	Electronics & Tele Communication	COMP. SCIENCE	INFORMATION TECHNOLOGY	OTHERS	NON-ENGINEERING	TOTAL	TUTION FEE WAIVER SCHEME
1	Bhubananada Odisha School of Engg., Cuttack	1923	80	80	80	40	40	20	Auto-40 AE&I-40		420	5% of sanctioned intake in each branch as per the provision of AICTE (Guidelines)
2	Indira Gandhi Instit ute of Tech., Sarang (Society)	1981	25	25	30	25			Meta-20		125	
3	Institute of Textile Technology, Choudwar (Society)	1983	40	40	40	40			Textile Tech.-40 Mecha-40		240	
4	Jharsuguda Engineering School, Jharsuguda	1955	90	120	120	60		30			420	
5	Odisha School of Mining Engineering, Keonjhar	1956	30	30	30				Min-60 Meta-30 Drill-30		210	
6	SKDAV Govt. Polytechnic, Rourkela	1967	40	40		40		30		MOM-30	180	
7	Uma Charan Patnaik Engg. School, Berhampur	1956	60	60	60	60	60	60	Chem-40 Bio-Tech-60		420	
8	Utkal Gourab Madhusudan Inst. of Tech, Rayagada	1979	40	40	40	40					160	
9	Utkalmani Gopabandhu Inst. of Engg, Rourkela	1962	40	60	90	50			Chem-50 Meta-90 Ceramics-40		420	
10	Govt. Polytechnic, Bhubaneswar	1978	40	20		40		40	Arch. Asst.-30	MOM-20 Phar-60* BC-20	270	
11	Govt. Polytechnic, Berhampur	1995					40		Food Tech.-40	HMCT-40	120	
12	Govt. Polytechnic, Dhenkanal	1986				20	40			MOM-20 GDFT-60	140	
	Total		485	515	490	415	180	160	650	250	3125	

N.B.

1. No admission will be done under lateral entry in Arch. Assist. and all Non-Engineering courses.
2. Duration of all courses are 3 years except Beauty Culture & Pharmacy which are 2 years duration.
3. Male candidates shall be considered for admission in Government Polytechnics in branches of MOM, HMCT, GDFT, FOOD TECHNOLOGY after the merit list of Women candidates is exhausted.

INTAKE CAPACITY OF PRIVATE ENGINEERING SCHOOLS / POLYTECHNICS DURING 2011-12									
Sl No	NAME OF THE INSTITUTION	YEAR OF ESTABLISHMENT	CIVIL	ELECTRICAL	MECHANICAL	ELECTRONICS & TC	COMP SC	OTHERS	TUITION FEE WAIVER SCHEME
1	2	3	4	5	6	7	8	9	10
1	Adarsha School of Engg. & International, Polytechnic, Angul	2010-11	60	120	120	30	30		5% of sanctioned intake in each branch as per the provision of AICTE (Guidelines)
2	Aryan Inst. of Engg. & Technology (Poly), Sundargram, Cuttack	2010-11	60	120	120	30	30		
3	Asian School of Tech., Bantala, Muktapur, Khurda	2010-11	60	90	90	60			
4	Aumsai Institute of Technical Education (Poly), Berhampur.	2010-11	60	120	120	60			
5	B.I.T. Polytechnic, Balasore	2010-11	30	60	120	30	30		
6	Badri Prasad Inst. of Technology, Debaipali, Sambalpur	2010-11	60	60	120	30			
7	Balaji Inst. of Tech. & Science, Knowledge Centre, Gunupur	2010-11	60	60	90	60			
8	Balasore School of Engineering, Balasore	2010-11	90	120	120	60	30		
9	Barapada School of Engg.& Tech, Barapada, Bhadrak	2009-11	60	90	90	90	60	IT - 30	
10	Barunei Inst. of Engg. & Tech.(Poly), Kadalibadi, Khurda	2010-11	60	90	90	30	30		
11	Berhampur School of Engg. & Technology, Dora, Berhampur	2010-11	90	120	90	90			
12	Bhadrak Engg. School & Tech.,Asurali, Bhadrak	2010-11	30	60	120	30	30		
13	Bharat Institute of Engg. & Tech., Sivram Vihar, Berhampur	2010-11	60	60	60	60			
14	Bhubaneswar Polytechnic, Janala, Bhubaneswar	2010-11	60	90	120	30		AUTO - 60 META - 30	
15	Biju Patnaik Institute of Technology, Phulbani	2010-11	60	60	90	60	30		
16	Black Diamond School of Engineering, Brajarajnagar	2010-11	60	120	120	90	30		
17	C.V. Raman Polytechnic, Bhubaneswar	2010-11	120	120	120	60	30		
18	City Inst. of Technical Education, Kuanr Munda, Rourkela	2010-11	60	90	90	60			
19	Dhableswar Institute of Polytechnic, Athagarh	2010-11	90	120	120	60	30		
20	Divine Institute of Engg. Tech., Poda Astia, Baripada	2010-11	30	60	60				
21	DRIEMS (Dhaneswar Rath Inst.of Engg.& Mgmt. Studies) Tangi, Cuttack	2010-11	90	120	120	60	30		
22	Ganapati Inst. of Engg. & Tech. (Poy), Jagatpur, Cuttack	2010-11	90	90	120	60			
23	Gandhi Polytechnic, Golanthara, Konisi, Berhampur	2010-11	60	90	90	60			
24	Gandhi School of Engineering, Purusottampur, Berhampur.	2010-11	60	120	120	60			
25	Ganesh Institute of Engg. & Tech (Poly), Andharua, BBSR.	2010-11	60	120	120	30	30	AUTO - 30	
26	Gurukrupa Technical School, Narsingpur, Cuttack	2010-11	60	60	60	60	30		

1	2	3	4	5	6	7	8	9	10
27	Gurukula Engg. School, Jamajhari, Chatabar, Bhubaneswar	2010-11	60	60	60				
28	Hi-Tech. Institute of Engg & Mgmt, Ranital, Bhadrak	2010-11	90	120	120	30			
29	Hi-Tech. Institute of Information & Tech., Umeri, Jeypore	2010-11	60	60	60	45	30	AE&I - 30	
30	Holy Institute of Technology, Gobindapur, Ganjam	2010-11	90	60	60	60	30		
31	Ideal School of Engg (Poly) Jhinkharada, Khurda.	2010-11	60	60	60	30			
32	Indus School of Engg, Barakuda, Khurda	2010-11	60	60	60	60			
33	Institute of Engineering & Management, Jeypore, Koraput	2009-11	90	90	100	60	30	CHEM-40	
34	Jeypore School of Engg. Technology, Rondapalli, Jeypore	2010-11		60	90	60	30		
35	Jhadeswar Inst. of Engg. & Tech., Chhanpur, Balasore	2010-11	60	120	120	30			
36	Kalahandi School of Engg & Tech (Poly), Bhawanipatna.	2010-11	60	60	120	60	60		
37	Kalam Institute of Technology (Poly), Berhampur.	2010-11	60	120	120	60			
38	Kalianga Inst. of Mining Engg. & Tech., Chhendipada, Angul	2009-11	80	90	90	60	40	MIN - 60	
39	Kalinga Inst. of Engg. & Technology, FC Project, Jajpur	2010-11	30	60	75	30			
40	Kalinga Nagar Polytechnic, Tarapur, Jajpur	2010-11	30	90	90			META - 30	
41	Kalinga Polytechnic (KIIT), Bhubaneswar	2010-11	60	60	80	60	60	META - 30	
42	Keonjhar School of Engineering, Keonjhar	2010-11	60	90	100			MIN - 30 META - 60	
43	Koustav School of Engineering, Patia, Bhubaneswar	2010-11	120	120	120	60			
44	Krupajal Engineering School, Bhubaneswar	2009-11	60	120	120	90	30		
45	Mahalaxmi Institute of Tech. & Engg. Mirigini, Raj Nilagiri, Balasore - 756040	2011-12	60	60	60				
46	Mahamaya Institute of Medical & Tech. Science (Poly), Nuapada	2010-11	90	60	60				
47	Maharaja Polytechnic, Taraboi, (Behind Barunei Hill), BBSR	2010-11	60	60	120	60			
48	Mayurbhanj School of Engineering, Baripada	2009-11		120	120	60		AUTO - 30	
49	MITS School of Engineering, Janla, Bhubaneswar.	2010-11	40	40	60				
50	MITS Institute of Polytechnic, Rayagada.	2010-11	60	90	100	60			
51	Nalanda Institute of Technology, Chandaka, Bhubaneswar	2010-11	90	90	120	60			
52	Narayani Inst. of Engg. & Technology, Banarpal, Angul	2010-11	90	120	120	30			
53	Nayagarh Institute of Engg. & Technology, Nayagarh	2010-11	60	60	60	60			
54	Nilachal Polytechnic, Bhubaneswar	2010-11	60	120	120	90	30		
55	Orissa Institute of Engg. & Technology, Dhenkanal.	2010-11	60	60	90	30	30		
56	Orissa School of Engineering, (Poly), Berhampur	2010-11	30	60	60	30			
57	Pabitra Mohan Institute of Technology, Talcher, Angul	2010-11	60	90	120	40	20	MIN - 30 META - 30	
58	Padmashree Krutartha Acharya Inst.of Eng.&Tech,Baragarh	2009-11	60	90	120	80	40	META - 60	
59	Pathani Samanta Institute of Engg. & Tech. (Poly), Dhenkanal	2010-11	60	120	120	30	30		
60	PNS School of Engg. & Tech., Marshaghai, Kendrapara	2010-11	60	90	80	30	30		
61	Puri Engineering School(Poly), Baliguali, Puri	2010-11	60	90	90	60			
62	Purna Chandra Inst. of Engg. & Technology, Chhendipada	2010-11	60	90	90			MIN - 60	
63	Purusottam School of Engg. & Tech. (Poly) Mandiakudur, Rourkela	2010-11	75	120	120	30	30	META - 30	

5% of sanctioned intake in each branch as per the provision of AICTE (Guidelines)

1	2	3	4	5	6	7	8	9	10	
64	Raja Kishore Chandra Academy of Technology, Nilagiri, Balasore	2010-11	60	120	60	60			5% of sanctioned intake in each branch as per the provision of AICTE (Guidelines)	
65	Ramarani Institute of Technology, Balasore	2010-11	120	120	120	30		AUTO - 30		
66	RK Institute of Engg. & Technology, Kantapada, Niali, Cuttack	2010-11	40	40	60					
67	Rourkela Institute of Technology, Kalunga, Rourkela	2009-11	50	120	120	50	40	META - 40		
68	Samanta Chandra Sekhar Inst. of Tech. & Mgt, Similiguda	2010-11	60	90	90	60	60			
69	Sanjay Memorial Institute of Tech., Ankuspur, Berhampur	2010-11	90	90	120	90	30			
70	Satyasai School of Engg. (Diploma), At - Srikona, PO - Panjibag, Via - Sunhat, Dist. - Balasore, PIN - 756002	2011-12	60	60	60	60				
71	Siddhartha Institute of Engg. & Tech. (Poly), Ektaguda, Koraput	2010-11	60	60	90					
72	Sri Polytechnic, Komond, Odagaon, Nayagarh.	2010-11	60	120	120	30		AUTO - 30		
73	SSB Regional Inst. of Sc. & Tech. (Poly), Chitrada, Mayurbhanj	2010-11	60	90	90	60				
74	Suddhananda Residential Polytechnic, Nachhipur, Cuttack.	2010-11	60	90	90	30	30	AUTO - 30 ARCH ASST - 30		
75	Sundergarh Engineering School, Kirei, Sundergarh	2009-11	90	90	90	60	60	META - 30		
76	Sushree Institute of Technical Education, Bolangir	2009-11	60	90	120	60	30	IT - 30		
77	Swami Vivekananda School of Engg. & Tech (Poly), BBSR.	2010-11	60	120	120	30	30			
78	Utkal Institute of Engg. & Technology, Rathipur, Khurda	2010-11	60	60	60	30				
79	Zenith Institute of Science & Technology, Jatani, Khurda	2010-11	60	60	60	30				
80	OXFORD College of Engineering & Management Ramachandrapur, Bhatpatna, Baliana, BBSR (2 nd Shift)	2011-12			60					
	TOTAL		4995	6980	7705	3575	1250	890		

N.B. 1. The sanctioned intake to be approved during 2012-13 along with the new institutes will be made available in our website before commencement of counseling.

Abbreviations used for Branch Names :

AE&I – Applied Electronics & Instrumentation ; **Arch. Asst.** – Architecture Assistantship ; **Auto** – Automobile Engineering ; **BC** – Beauty Culture ; **Bio-Tech** – Biotechnology ; **Chem** – Chemical Engineering ; **IT** – Information Technology ; **Meta** – Metallurgy ; **Min** – Mining ; **GDFT**- Garment Design & fashion Tech., **FT**- Food Technology, **MOM**- Modern Office Management, **Phar**-Pharmacy, **HMCT**-Hotel Management & Catering Technology.

CHAPTER – 10

RULES FOR ADMISSION

10.1 DOMICILE :

Odisha State Candidates (S – Domicile)

For admission to Engineering Schools/ Polytechnics under State Domicile, a candidate has to satisfy at least one of the following 3 criteria.

- The Candidate must have passed or appeared 10th examinations or its equivalent examination from any of the recognized institution in the State subsequently passed.
- Parent of the candidate must be permanent resident of Odisha. To claim benefit under this class, candidate shall furnish a permanent resident certificate from a Revenue Officer not below the Rank of Tahasildar of the area where his/her parents have permanent residence in **Form-V**.

- Sons/ daughters/ spouse of the permanent employees of the Government of Odisha/ Government of India/ Government of Odisha undertakings/ Government of India undertaking serving in the State of Odisha at the time of application. To claim this benefit under this **S-Domicile**, candidate has to submit a certificate from the Employer of his/her parents/spouse in the prescribed form in **Form-IV**.

NB : However, a candidate coming under 'S' domicile, but not permanent resident of Odisha is neither eligible to claim reservation nor admission under Lateral Entry admission.

Outside State Candidates (OS – Domicile)

Any candidate who does not satisfy any of the criteria for the 'S' Domicile will be treated as outside State Candidate (OS). 15% seats are reserved for "OS" candidates in 1st Semester of Private Polytechnics only.

Odias living in outlying Odia speaking tracts (OL – Domicile)

0.5% seats are reserved for Odia students living in the outlying Odia speaking tracts in 1st Semester/ year only.

10.2 RESERVATION OF SEATS UNDER STATE DOMICILE:

There are some seats as mentioned below reserved for SC / ST / Son & Daughter of Green Card holders / ES / PH / Women / SP / NCC category wise as per Govt. directives from time to time.

1.	For SC	15%
2.	For ST	23%
3.	For Children of Green Card Holder	5%
4.	For Children / Wards of Ex-Servicemen	2%
5.	For Physically Handicapped	3%
6.	For Women students in all Co-ed polytechnics Engineering Schools in each category	15%
7.	The sports candidate representing the state during last two years	0.5%
8.	Candidate passing NCC (A or B or C)	1%

N.B. : In case of change in percentage / condition of reservation of seats mentioned above on the basis of order / instruction of competent authority, it will be intimated to the candidates before commencement of counseling and admission shall be made accordingly.

- i. **Reservations are available for candidates of Odisha State only. Any candidate claiming admission under these reserved categories has to produce the permanent resident certificate from the Competent Authority in Form-V.**
- ii. **The reservations are applicable for all seats in Government Engineering Schools / Polytechnics and 80% seats of Private Engineering Schools / Polytechnics.**
- iii. **No reservation of seats is available against the seats located outside the State by MHRD/AICTE.**
- iv. **Reservation of seats at IGIT, Sarang & OSME, Keonjhar :** 24 seats (i.e. Civil-08, Electrical-08 & Mechanical-08) at IGIT, Sarang & 16 seats in Mining Engineering at OSME, Keonjhar are reserved for the children of Coal Mines workers. Such candidates may apply directly to the **CHIEF PERSONNEL MANAGER, MAHANADI COAL FIELDS LTD., JAGRUTI BIHAR, PO-UCE BURLA, SAMBALPUR-768 018** for selection. The sponsored candidates of MCL need not appear the DET-2012. Any changes made in regard to reservation of seats in the Institutions shall be notified at the time of counseling.
- v. **Reservation of seats in Textile Tech. in ITT, Choudwar:** - 5 seats in Textile Technology at ITT, Choudwar are reserved for the Weavers' Community, sponsored by Director of Textile, Odisha. Candidate with requisite qualification desirous of selection under this provision may apply directly to the Director of Textiles, Odisha, Bhubaneswar. These sponsored candidates also need not appear the DET-2012. Any changes made in regard to reservation of seats in the Institutions shall be notified at the time of counseling.

- vi. **Women & Physically Handicapped candidates are not eligible for admission to Mining Engineering & Drilling Engineering Courses.**
- vii. The Selected Candidates other than Physically Handicapped shall have to produce a Medical Fitness Certificate from a Government Doctor not below the rank of Asst. Surgeon to the effect that the candidate is fit to prosecute studies in Engineering Schools & Polytechnics in **Form-VII**. However Government of Odisha / DET Committee will not be responsible if a candidate faces difficulty during the course of study or during employment on medical ground. A candidate intending to take admission in **HMCT** will have to furnish a separate medical fitness certificate in **Form-VI**.
- viii. Candidates belonging to SC/ST (**by birth not by marriage or adoption**) reserved category shall furnish original Caste Certificate in the proforma in **Form-I** from the competent authority at the time of document verification.
- ix. Scheduled Caste / Tribe persons who have migrated from the State of Origin to some other state for the purpose of seeking education, employment etc. will be deemed to be Scheduled Caste / Tribe of the State of his origin and will be entitled to derive benefits from the state of origin and not from the State to which he has migrated (Vide Govt. of India letter No. BC/16084, 1.82-SC and BCS/dated 22.02.1985).
- x. Candidates applying under Green Card reservation shall submit original Green Card at the time of document verification. The Green card must have been issued by Family Welfare Department, Government of Odisha and should not have been used more than once prior to claiming admission under this reservation.
- xi. Candidates applying under Ex-Servicemen reservation shall have to furnish original certificate in the prescribed format in **Form-II** at the time of document verification. A revised merit list will be drawn from the eligible Ex-Servicemen category candidates as per the prioritization described below vide Industries Dept. (Govt. Order No.9829/I, dt.08.07.2009) after verification of their documents centrally at a place to be notified in due course of time.
 - Priority-I.** Children / widows of Ex-Servicemen killed in action.
 - Priority-II.** Children of Ex-Servicemen disabled in action.
 - Priority-III.** Children/ widows of Ex-Servicemen who died in peace time with death attributable to military service.
 - Priority-IV.** Children of Ex-Servicemen disabled in peace time with disability attributable to military service.
 - Priority-V.** Children of Ex-Servicemen who are in receipt of Gallantry Awards. Such as :
 1. Param Vir Chakra, 2. Ashok Chakra, 3. Sarvottam Yudh Seva Medal, 4. Maha Vir Chakra, 5. Kirti Chakra, 6. Uttam Yudh Seva Medal, 7. Vir Chakra, 8. Shaurya Chakra, 9. Yudh Seva Medal, 10. Sena, Nau Sena, Vayu Sena Medal, 11. Mention-in-Des

Priority-VI. Children of Ex-Servicemen.

- xii. In case of Physically Handicapped candidates, certificate from the Chief District Medical Officer indicating the percentage of handicap and recommendation that he/she shall be able to prosecute studies in the courses offered in Engineering Schools/Polytechnics shall have to be submitted in original for verification at the time of Counseling. The candidates having 40% disability and above, as approved by competent authority will be considered under the seats reserved for PH candidates. If any candidate fails to produce such certificates from the CDMO along with physically handicapped identity card issued by District Social Welfare Officer (DSWO) along with the application form and on the day of Counseling, then his / her case will not be taken into consideration under PH reservation.
- xiii. Candidates applying for **OL** category shall have to submit original certificate in prescribed proforma given in **Form-III** along with mark sheet of M.E. or 10th in support of having Odia as a subject at M.E. or 10th examination and original shall be verified at the time of at the time of document verification.
- xiv. Candidates applying under sports reservation shall submit original sports certificate issued/countersigned by Director of Sports and Youth Services, Odisha or any competent authority as declared by Government from time to time at the time of document verification. Such candidates must have participated in the sports events for the State within two years time prior to the year of admission vide G.O. No. 81376 dt: 11.12.1996, Govt. of Odisha and letter No. 24875 dt. 13.12.1993 and as per clarification received from Government from time to time.
- xv. **The procedure of refund of fees will be as per AICTE guide lines / instructions issued from time to time.**

SPORTS EVENTS (Admissible)

Archery	Hand Ball	Weight Lifting	Tae-Know-Do
Athletics	Hockey	Wrestling	Tennikoit
Badminton	Judo	Ball-Badminton	Yatching
Basket Ball	Kabadi	Chess	Throw Ball
Boxing	Kho-Kho	Karate-Do	Base-Ball
Cricket	Swimming	Power Lifting	Body- Building
Cycling	Table Tennis	Rifle Shooting	Yoga
Foot Ball	Lawn Tennis	Roller Skating	
Gymnastics	Volley Ball	Soft-Ball	

- xvi. Candidates applying under NCC reservation must submit original NCC A or B or C certificate from competent authority at the time of reporting.
- xvii. As per G.O. No.20555/I, dt.04.09.1995, 15% of seats in each category are reserved for Women students in each category of all the Govt. & Private co- education Polytechnics and Engineering Schools for admission.

Admission under Tuition Fee Waiver (TFW) Scheme

- a) The scheme shall be mandatory for all Institution approved by the AICTE.
- b) 5 % of the sanction intake per course shall be available for these admissions. These seats shall be supernumerary in nature.
- c) Sons and daughters of parents whose annual income is less than Rupees 4.5 Lakhs from all sources shall only be eligible for seats under this scheme.
- d) The waiver is limited to the Tuition Fee as notified by Government. Accordingly the eligible candidate may select the option Yes.
- e) This scheme is only for 'S' Domicile candidates who are permanent resident of Odisha.

N.B. : In respect of any other matter relating to admission, the decision of the DET Committee 2012 shall be final.

10.3 FEE STRUCTURE

GOVERNMENT AND PRIVATE INSTITUTIONS:

- i. During the year 2011-12 the admission fee for Government Institutions was ₹.6590/- and for private Institutions was ₹.26500/-. Similarly for admission under Tuition Fee Waiver (TFW) scheme, fee for Govt. & Private Institutions was ₹.3590/- and ₹.6500/- respectively. Any changes/ modification of Fees for the year 2012-13, if made, to the existing Fee Structure, then it will be informed to all concerned in time.
- ii. Besides this, the migration fee @ ₹.25/- shall be charged for the new entrant, if he/she is from other Boards/ Council and ₹.50/- shall be charged from each candidate towards verification of their 10th pass/ SSC pass certificate. Besides, for examinations etc. fees as charged by the State Council for Technical Education & Vocational Training, BBSR shall have to be paid by the candidates at the Institution.
- iii. All seats of ITT, Choudwar except seats of Textile Technology, are **paid seats for which admission Fees is ₹.26,500/- per year** (likely to be revised).

HOSTEL FACILITIES (Government Institutions)

Limited hostel facilities are provided subject to vacancy to the Boys in Co-educational Govt. Engineering Schools/ Polytechnics and Women students in UGIE, Rourkela, BOSE, Cuttack. Besides, limited seats in Women's hostels are also available in all Govt. Polytechnics. Last year the **Hostel Fees @ ₹.2500/- (Rupees Two thousand five hundred) per annum was charged which may be changed as per the Orders of the Government from time to time.**

10.4 MERIT LIST:

- a) **S-Domicile:**
Separate merit list for all qualifying candidates shall be drawn on the basis of DET, 2012 results in the following manner.

i. One "General Merit List" for all candidates seeking admission to Diploma Engineering / Technology courses on the basis of marks obtained in Mathematics & General Science (Physics & Chemistry).

ii. In addition, Separate Merit Lists will also be drawn for candidates qualifying under each of the reservation categories.

iii. **Similarly a merit list will be drawn for lateral admission category for ITI / +2 Vocational candidates.**

iv. **A merit list will be drawn for Lateral Admission for +2 Science with PCM as stated above.**

v. Separate merit list of all qualifying candidates for Non-Engineering courses shall be drawn on the basis of DET-2012 results in the following manner.

a. One "General Merit List" for all Women candidates excluding OL category candidates seeking admission to Non-Engineering Courses on the basis of merit list.

b. In addition, separate Merit List will also be drawn for Women candidates qualifying under each of the reservation category.

c. Seats remaining vacant in MOM, HMCT, GD&FT and Food Technology after exhausting the entire merit list of Women candidates shall be filled up from general Merit List of Male candidates as per G.O. No.10332/I, dt.27.05.2005.

b) **OS- Domicile:** Separate merit list will be drawn for outside State Candidates. 15% seats are reserved for **OS** candidates effective from 2010-11 vide **G.O. No.IXTTI-8/2009 / 4624/I, Dt.26.03.2010**, which is applicable to **Private Polytechnics** only. They are not eligible for admission to 3rd semester lateral entry courses.

c) **OL- Domicile:**

Separate merit list will be drawn for **OL** candidates for admission to seats reserved for them. However they will also be included in the merit list of **OS** category. They are not eligible for admission to 3rd semester lateral entry courses.

N.B.: Each successful candidate of all categories shall be given a rank card.

10.5 Change of Branch and Transfer

- A student admitted into a particular Institution/ Course cannot be allowed to change his/her branch in the 1st year. However, such change of branches may be allowed by the Principal of a particular institution in the 3rd semester after duly notifying the vacancies. Change may be allowed as per the mark in the 1st semester examination conducted by the SCTE&VT, Odisha in order of merit.
- Change of institution, may be considered by the DTE&T, Odisha in the 3rd / 5th semester only from one Government institution to another Government institution or from one

Private Institution to another Private institution subject to availability of vacancy and as per rule prescribed by SCTE&VT, Bhubaneswar.

- Transfer from one institution to another at higher semester in same branch may be allowed which is at the discretion of DTE&T/ Government and subject to availability of vacancy.
- A candidate so admitted shall have to maintain discipline in the institute/hostel premises and will abide by all the prescribed rules / procedure/ orders for which he/she shall have to furnish an under taking at the time of admission. In case he/she is found to be involved in ragging / misbehaving fellow junior students then he/she will be suitably punished including fine / suspension from one or more semester / issue of Compulsory T.C.
- Candidates admitted under TFW scheme shall not be allowed to change their Branch/ Institution to which they are originally admitted.

CHAPTER – 11

ORIGINAL DOCUMENTS TO BE BROUGHT ON THE DAY OF REPORTING AT THE INSTITUTE:

(Refer other important information also)

Applicants shall have to report **personally** with the '**INTIMATION LETTER/ RANK CARD**' exactly at the time, date and venue as per the counseling programme to be notified. He/she is also required to produce the following original documents as applicable at the time of reporting at the allotted institute.

- HSC or equivalent mark sheet.
- HSC or equivalent provisional certificate.
- Caste Certificate (SC/ST) from competent authority issued in the proforma in **Form-I**.
- Sports Certificate issued /countersigned by the Director of Sports & Youth Services, Odisha or by the competent authority as declared by the Govt. from time to time (in case of candidates claiming reservation under Sports).
- NCC certificate (A,B or C) from appropriate authority (in case of candidates claiming reservation under NCC)
- Green Card of parent issued by concerned CDMO (in case of candidates claiming seats under Green Card category).
- Certificate in **Form-II** from the competent authority for reservation under Ex-Servicemen quota.
- OL candidates have to produce the following certificates :
 - Residential Certificate from the Revenue Officer not below the Rank of Tahasildar that he/she belongs to outlying Oriya speaking tracts in **Form-III**.
 - Mark sheet of M.E. or H.SC examination in support of having Oriya as a subject at M.E. or H.SC examination.
- Employers' certificate in Form-IV

- x. Permanent Residence Certificate (in case of reservation category / Lateral Admission) in Form-V as applicable, failing which the claim for Reservation / Lateral Admission shall not be considered.
- xi. Physically Handicapped certificate from CDMO along with identity card issued by District Social Welfare Office (DSWO)
- xii. ITI pass / +2 Science (PCM) / +2 Vocational pass certificate & mark sheet.
- xiii. **Conduct Certificate and SLC / CLC from the institution last studied. However, Seven days time only will be allowed in exceptional cases to submit the same, from the date of provisional admission at the Reporting Centre, failing which the provisional admission will automatically stand cancelled.**
- xiv. Medical fitness certificate from Government Doctor not below the rank of Asst. Surgeon in form-vii. But in case of Physically Handicapped candidates, fitness certificate from the Chief District Medical Officer to be submitted that he/she shall be able to prosecute studies in the courses offered in Engineering Schools/ Polytechnics. A candidate intending to take admission in **HMCT** will have to furnish a separate medical fitness certificate in **Form-VI**.
- xv. One recent passport size photographs duly attested.
- xvi. Migration Certificate in case of candidates passing 10th standard examination from any Board other than Board of Secondary Education, Odisha is required to be submitted at the institution level.
- xvii. Income Certificate from Tahasildar for admission against TFW Scheme issued for 2011-12.

APPENDIX - I

SYLLABI FOR DET- 2012 FOR ADMISSION INTO 1ST SEMESTER OF THE DIPLOMA COURSE

The syllabi given hereunder for DET-2012 are only illustrative and not exhaustive. The syllabi are in line with courses of studies in Mathematics & Science (Physics & Chemistry) for 10th Std. Examination, 2012 of Board of Secondary Education, Odisha.

MATHEMATICS (50 Nos.)

Ratio, Proportion & Variation: Definition, continued proportions, direct variation, inverse variation & joint variation.

Indices: Laws of indices, problems, solution of exponential equations.

Polynomials: Factorisation of polynomials, Remainder Theorem, Factor Theorem, Synthetic division and their applications.

Equations: Different methods of solving simultaneous linear equations in two unknowns, problems, Quadratic equations, its solutions by completing the square, Discriminant, nature of roots, Relation between roots & co-efficient, simple problems.

Logarithms: Definition, laws of logarithm, common logarithm, characteristics, Mantissa, Antilogarithm, Tables of logarithm and antilogarithm, applications.

Number System: Natural numbers, Integers, Rational numbers, Real numbers as union of rational and irrationals, Axioms on operations on real numbers.

Computers: Different parts of computer (Main parts only). Applications of computers, Binary number system, Conversion of binary to decimal and vice-versa.

Functions and Graphs: Domain and Range of Real valued function.

Mensuration: Circumference, Arc Length, Area of Sector of a circle, triangle, Rectangle, Square, Parallelogram, Trapezium, Rhombus. Surface area and volume of cylinder, Cone, Sphere.

Geometry: Straight lines and angle between two straight lines, Parallel lines, Theorems on congruency and similar triangles. Radius, Chord, Arc of a circle, cyclic quadrilaterals, Theorems and related problems.

Statistics: Data, Frequency distribution, Grouped frequency

distribution, Graphical representation of data, Histograms, Pie diagrams & Frequency polygon, Measures of Central tendency (Mean, median & mode)

CHEMISTRY (25 NOS.)

Matter-

Nature & Behavior: Element, compound, Mixture, Type of mixture, Structure of matter, states of matter, atom, molecule, symbol & valency, Chemical formula, Chemical equation.

Atomic Structure: Electron, Proton, Neutron – their charge, mass & properties, atomic number, mass number, electronic configuration, mole concept.

Periodic classification: Periods & groups, periodic law properties of elements along a period and in groups.

Chemical Bond: Formation of ionic & covalent bonds, important properties of electrovalent and covalent compounds.

Physical and chemical changes: Difference between physical and chemical changes, combination reactions, displacement reactions, decomposition reaction, slow and fast reaction, catalyst, exothermic and endothermic reactions, Oxidation & reduction, Acids & Bases, PH Scale. Importance and general properties, preparation and uses of hydrogen.

Extraction of metal: Ore, mineral, general methods of extraction of metal, Ore dressing, Concentration, reduction, Purification, distillation, electrolytic refining.

Alloys: Definition, Ferrous and non-ferrous - Brass, Stainless Steel,

Sources of Energy: Types of fuel, Good fuel, Calorific value of fuel, Fossil fuels, Coal, Fractional distillation of petroleum products, Petroleum gas, petrochemicals, Natural Gas.

Water: Sources of water, soft and hard water, types of hardness, removal of hardness of water by cold and hot soda lime process.

Environmental Chemistry: Pollution of air and water (causes, health hazards & control)

PHYSICS (25 NOS.)

Motion: Uniform and non uniform motion, distance and displacement, velocity and acceleration, graphs for uniform and uniformly accelerated motion, Equation of motion.

Force: Force and motion, Newton's laws of motion, Momentum, Gravitational force, acceleration due to gravity mass and weight.

Thrust and pressure: Archimedes's Principle and its applications, relative density.

Work, Energy and Power: Work done by a force, relation between work and energy, Potential Energy, Kinetic energy, power, units of work, energy and power.

Heat: Heat and temperature, measurement of temperature, effects of heat, thermal expansion, change of State (Latent heat, cooling due to evaporation). Joule's law of mechanical equivalent of heat.

Electricity : conductors and resistors, measurement of current, potential difference and resistance, ammeter, voltmeter, Ohm's law, Combination of resistances in series and parallel connection, heating effect of electric current, Joule's law, electric appliances based on heating effect of current, measurement of electric energy units, power.

Magnetic effect of electric current : Magnetic field due to current carrying conductor, straight & circular wire, Fleming's Left Hand Rule, D.C. motor and its application, Generation of electricity, electromagnetic induction, Fleming's Right Hand Rule, Electric Generator, dynamo. Domestic electric circuits, elementary idea about wiring, fuse, possible hazards and safety measures

SYLLABUS FOR LATERAL ENTRY ENTRANCE EXAMINATION FOR ITI / +2 SCIENCE WITH VOCATIONAL PASSED OUT STUDENTS

The syllabi given hereunder for DET-2012 are only illustrative and not exhaustive. These Syllabi are in line with the courses of studies in Physics, Chemistry and Mathematics of First year Diploma course.

PHYSICS (25 Nos.)

1.0 UNITS, DIMENSIONS, SCALARS & VECTORS-

Dimension and dimensional formula of physical quantities, Vector addition & subtraction, Triangle law and parallelogram law of vector addition, Resolution of vector.

2.0 LINEAR & CURVILINEAR MOTION:

Equation of motion along a straight line, Projectile Motion, Kinetic Energy and Potential Energy, Uniform circular motion, angular displacement, angular velocity and Acceleration, Centripetal and centrifugal forces.

3.0 GRAVITATION AND S. H. M.

Newton's Law of Gravitation, Kepler's laws and its application, Variation of 'g' with altitude, depth & latitudes. (Simple numerical problem), Principle of launching of satellite, Escape velocity and orbital velocity of satellite. Amplitude, frequency and time period in S.H.M. Velocity and acceleration of a particle executing SHM.

4.0 SOUND & ACOUSTICS

Progressive wave and stationary wave. Longitudinal & Transverse Waves. Relation between different wave parameters, Newton's formula for velocity of sound and Laplace's correction, Effects of temperature, pressure and humidity on velocity of sound, Concept of Doppler's effect & its application, Acoustics of building., Echo

5.0 HEAT AND THERMODYNAMICS

Different units of heat, specific heat, thermal capacity, water equivalent and latent heat. Principle of calorimetry (Numerical problems), Relationship between Coefficient of Linear, Superficial and Cubical expansion of Solids, Relationship between Coefficient of real and apparent expansion of liquids, 1st law of thermodynamics, Relationship between C_p and C_v , thermal conductivity and its unit, mechanical equivalent of heat.

6.0 OPTICS

Reflection, Refraction, Laws of Reflection and Refraction, Critical Angle, Total Internal Reflection, Simple Numerical problem on mirror and lens formula. Power of Lens.

7.0 ELECTROSTATICS & MAGNETISM

Coulomb's law in Electrostatics, Unit charge, Electric field intensity and Electric Potential, Capacity of a parallel plate capacitor and the effect of dielectric on the capacitance of the capacitor, Grouping of capacitors in series and parallel (Simple Numerical problems), Coulomb's laws in Magnetism, Unit Pole, Magnetic field Intensity, Magnetic line of force, Magnetic flux, Flux density, Magnetic moment of a Bar magnet.

8.0 CURRENT ELECTRICITY

Ohm's law, laws of resistance, specific resistance, Effect of temperature on resistance, Grouping of resistors in series and parallel. Kirchoff's laws and its application to Wheatstone Bridge. Electrical Energy and electric Power. Joule's laws of heating effect of electric current (Simple numerical problems).

9.0 MAGNETIC EFFECT OF CURRENT

Biot-Savarts law, formula for Magnetic field Induction due to current through a straight wire and at the centre of a circular coil, simple numerical problems, Force experienced by a current carrying conductor placed in a magnetic field. Fleming's left hand Rule.

10.0 ELECTROMAGNETIC INDUCTION

Faraday's laws of Electromagnetic Induction, Lenz's law, Fleming's Right Hand Rule,

11.0 NUCLEAR AND MODERN PHYSICS

Atomic Number, Mass Number, Mass Defect and Binding Energy, Nuclear fission and Nuclear fusion, Application of nuclear fission & nuclear fusion, Properties & uses of Alpha, Beta and Gamma rays. Concept of X Rays, Application of X-Rays, Concept of super conductivity.

CHEMISTRY (25 Nos.)

Chapter-1 (Physical Chemistry)

- 1.1 Chemical formula, Chemical Equation, Balancing of Chemical equation by hit & trial method & Partial equation Method.
- 1.2 Bohr's atomic model, Bohr Bury Scheme, electronic configuration, Aufbau's Principle, Hund's Rule, Pauli's exclusion Principle.
- 1.3 Definition of Chemical Bond, Types of Chemical Bond : Electrovalent, Covalent and Co-ordinate bond with example
- 1.4 Arrhenius theory, Lowry Bronsted theory and Lewis theory of Acid and Base. Determination of equivalent mass of Acid and Base. PH of a solution, its application, Buffer solution and its application.
- 1.5 Definition of Electrolyte, electrolytic cell, faraday's 1st law and 2nd law of electrolysis Application of electrolysis : Electroplating and Electro refining.

Chapter-2 (Inorganic Chemistry)

- 2.1 Define Mineral, ore, flux, slag with examples : General method of extraction of metal :- Dressing, Concentration, Calcination, Roasting, Reduction.
- 2.2 Composition and uses of Brass, Bronze, Bell metal.

Chapter-3 (Organic Chemistry)

- 3.1 Difference between saturated hydro-carbon and unsaturated hydrocarbon.
- 3.2 IUPAC system of nomenclature of alkane, alkene, alkyne, alkylhalide

Chapter-4 (Industrial Chemistry)

- 4.1 Types and causes of hardness of water removal of hardness by lime soda and ion exchange method.
- 4.2 Types of lubricant and their uses.
- 4.3 Definition and classification of fuel calorific value of fuel.
- 4.4 Definition of Monomer, Polymer, Homopolymer, Copolymer, Composition and uses of Polythene, Polyvinyl chloride.

Chapter-5 (Environmental Chemistry)

- 5.1 Definition with example – Pollutant, contaminant, receptor, pathway of pollutant.

- 5.2 Water Pollution – its sources and effect on human health.

- 5.3 Air Pollution – its sources and effect on human health, green house effect, Acid rain.

MATHEMATICS (50 Nos.)

1. ALGEBRA

1. Complex Numbers ;
2. Binomial Theorem
3. Determinant ;
4. Matrices ;
5. Partial Fraction

2. TRIGONOMETRY

Trigonometric ratios, Trigonometric equation, properties of triangle and Inverse circular function.

3. Geometry (2D & 3D)

Two dimensional and three dimensional co-ordinates (in Cartesian form only), distance between two points, equation of straight line, circle, sphere and Plane.

4. Calculus

Variables, Limits and continuity, differentiation of simple functions.

Successive differentiation up to second order, Maxima & Minima, partial differentiation, Euler's Theorem on Homogeneous function up to 2nd order only.

5. Integral Calculus

Integration of algebraic and Trigonometric function, Determination of area bounded by, $y = f(x)$ when $x = a$ and $x = b$ & $x - axis$ & $x = f(y)$ when $y = a$ and $y = b$ and $y - axis$. Simple differential equations (first order and first degree), vector additions and multiplication and their applications.

SYLLABI FOR DET- 2012 FOR ADMISSION INTO NON-ENGINEERING DIPLOMA COURSE

The syllabi given hereunder for DET-2012 are only illustrative and not exhaustive. The syllabi are in line with courses of studies in English, Current Affairs/ General Knowledge, General Science/Everyday Science/Basic Mathematics of 10th Std. Examination.

ENGLISH (25 Nos.)

1. Grammar-Students should be able to answer grammatical questions like fill in the blanks, correcting the errors and finding out the correct answer in relation to following areas of grammar.

- 1.1. Determiners,

- 1.2. Verbs,
- 1.3. Tense,
- 1.4. Prepositions,
- 1.5. Synonyms,
- 1.6. Antonyms,
- 1.7. Modal verbs,
- 1.8. Subject-Verb Agreement,

2. Reading comprehension:

A passage of 100 to 150 words would be given. Multiple choice questions would be set on the passage.

GENERAL KNOWLEDGE (25 nos.)

1. National & International affairs, 2. Sports, 3. Invention and Discoveries, 4. Art & Culture.

GENERAL SCIENCE

A. PHYSICS (25 NOS.) :

1. **Motion:** Uniform and non uniform motion, distance and displacement, velocity and acceleration
2. **Force:** Force and motion, Newton's laws of motion, Gravitational force, acceleration due to gravity mass and weight.
3. **Heat:** Heat and temperature, measurement of temperature, thermal expansion, change of State.
4. **Light:** Reflection, laws of reflection, types of mirror, reflection from plain mirror, refraction, laws of refraction, power of lens.
5. **Electricity:** conductors and resistors, measurement of current, potential difference and resistance, ammeter, voltmeter, Ohm's law
6. **Sound: Production and propagation of sound and its velocity in medium.**

B. CHEMISTRY:

1. **Matter-** Element, compound, Mixture, Type of mixture, , states of matter, atom, molecule, symbol & valency, Chemical formula, Chemical equation.
2. **Atomic Structure:** Electron, Proton, Neutron & their charge, mass, atomic number, mass number, electronic configuration.
3. **Bonding:** Formation of ionic & covalent bond, important properties of electrovalent and covalent bond.

4. **Water:** Sources of water, soft and hard water, types of hardness, removal of hardness of water by cold and hot soda lime process.

C. BIOLOGY:

1. **Cell and Cell Structure:-** Cell structure difference between prokaryotic and eukaryotic cells. Function of cell organ less (brief account).
2. **Diversity in the Living World:-** General idea of classification of living organizations and their importance, nomenclature classification(two kingdoms) with characteristics and examples upto phylum in plants and invertebrate animals.
3. **Nutrition:-** Mode of nutrition, autotrophic, heterotrophic, photosynthesis(main steps) factors affecting photosynthesis.
4. **Respiration:-** Respiration and breathing, respiration in plants and animals, types of respiration-aerobic and anaerobic respiration through skin, gills , air tube, lungs(Earth worm, fish, grasshopper & frog)
5. **Heredity:** Mendel's laws, structure of chromosomes and DNA, the gene. Environment and environmental problems, causes prevention and control (soil erosion), pollution of water and accumulation of waste and environmental problems, biodegradable and non-biodegradable materials.

BASIC MATHEMATICS (25 nos.)

1. **Number System:** Natural numbers, Integers, Rational numbers, Real numbers as union of rational and irrationals, Axioms on operations on real numbers.
2. **Logarithms:** Definition, laws of logarithm, common logarithm, characteristics, Mantissa, Antilogarithm, Tables of logarithm and antilogarithm.
3. **Ratio, Proportion & Variation:** Definition, continued proportions, direct variation, inverse variation & joint variation.
4. **Equations:** Different methods of solving simultaneous linear equations in two unknowns, problems, Quadratic equations, its solutions by completing the square, Discriminant, nature of roots, Relation between roots & coefficient, simple problems.
5. **Functions and Graphs:** Domain and Range of Real valued function.
6. **Mensuration:** Circumference, Arc Length, Area of Sector of a circle, triangle, Rectangle, Square, Parallelogram, Trapezium, Rhombus. Surface area and volume of cylinder, Cone, Sphere.
7. **Statistics:** Data, Frequency distribution, Erupted frequency distribution measures of Central tendency (Mean, median & mode)

APPENDIX – II

MODEL QUESTIONS FOR DET – 2012 FOR ADMISSION INTO 1ST SEMESTER DIPLOMA COURSE

MATHEMATICS

1. If $a + b + c = 0$, the value of $(b+c)^2 + (c+a)^2 + (a+b)^2$ will be
- $3bc \quad 3ca \quad 3ab$
- (A) 0
(B) 1
(C) 2
(D) 3

SCIENCE (PHYSICS & CHEMISTRY)

1. Two bullets are fired simultaneously, horizontally and with different speeds from the same place. Which bullet will hit the ground first?
- (A) The Faster
(B) The Slower one
(C) Both will reach simultaneously
(D) Depends on the masses
2. For electroplating metal M on metal N, we have to take
- (A) 'M' as anode, 'N' as cathode and the solution of salt of 'N' as electrolyte.
(B) 'N' as anode, 'M' as cathode and the solution of salt of 'M' as electrolyte.
(C) 'M' as anode, 'N' as cathode and the solution of salt of 'M' as electrolyte.
(D) 'N' as anode, 'M' as cathode and solution of 'N' as electrolyte.

MODEL QUESTION FOR LATERAL ENTRY ENTRANCE EXAMINATION FOR ITI / +2 SCIENCE WITH VOCATIONAL PASS OUT STUDENTS

MATHEMATICS

- 1) Solution of the differential equation $\frac{dy}{dx} = x \sin x$ is
- (A) $y = x \cos x - \sin x + c$
(B) $y = x \sin x + \cos x + c$

- (C) $y = x \cos x - x \sin x + c$
(D) $y = -x \cos x + \sin x + c$

PHYSICS

- 1) N-type Semiconductor is obtained by doping intrinsic Germanium with
- (A) Phosphorous,
(B) Aluminium,
(C) Boron,
(D) Gold

CHEMISTRY

- 1) % of nitrogen in the atmosphere is :
- (A) 50%
(B) 78%
(C) 87%
(D) 65%

MODEL QUESTIONS FOR DET – 2012 FOR ADMISSION INTO NON-ENGINEERING DIPLOMA COURSE

ENGLISH

- A) Fill in the blanks with appropriate choice from the list given below:-
1. He _____ play chess while he was in school.
- a) might,
b) would,
c) could,
d) should,
e) none.
2. By the time we reach the stadium, the match _____.
- a) had started,
b) will have,
c) would start,
d) started,
e) none.
- B) Doing house work, taking care of children and carrying out assorted jobs for husbands are work just as much as is performing paid employment in an office or factory. To ignore

this is to do a disservice to women in the labour force. The reality of house work is that women's work in the home averages 56 hours per week for the fulltime home maker and 26 hours per week for the employed wife/mother. Husbands and children barely increase their contribution to house work and childcare when the wife/mother is in the labour force. As a result, the employed woman with family responsibility gives up most of her leisure to carry out the responsibilities of family life.

Answer the following.

1. Is the house work taken by a house wife as much as the paid employment in an office or factory?
 - a) No,
 - b) Almost as much,
 - c) Yes,
 - d) none.
 2. A house wife works for _____ hours per week.
 - a) 46,
 - b) 5,
 - c) 76,
 - d) 2,
 - e) none
 3. An employed woman gives up most of her leisure for the sake of.
 - a) Family responsibilities,
 - b) family entertainment,
 - c) her own entertainment outside,
 - d) none.
- C) Correct the error if any about the underlined portion.**
1. The boy is learning against the wall.
 - a) on,
 - b) at,
 - c) in,
 - d) none.
 2. It is 7 O'clock in my watch.
 - a) at,
 - b) by,
 - c) with,
 - d) none.

3. Neither the cock nor the hens is in the yard.
 - a) has,
 - b) were,
 - c) was,
 - d) had,
 - e) none.
4. Time and tide wait for none.
 - a) had waited,
 - b) waits,
 - c) waited,
 - d) had waited,
 - e) none.

MATHEMATICS

1. If the roots of equation $4x^{2+(1+m)x+1} = 0$ are equal, the values of 'm' are
 - a) (-5, -3),
 - b) (-5, 3),
 - c) (5, -3),
 - d) (5, 3).
2. Valency of aluminium is
 - (A) +1,
 - (B) -1,
 - (C) -3,
 - (D) +3
3. Unit of resistance is
 - (A) Volt,
 - (B) Ampere,
 - (C) Ohm,
 - (D) Ohm-meter
4. Power House of the Cell is
 - (A) Lysosome,
 - (B) Nuclew,
 - (C) Mitochondia,
 - (D) Ribosome.

FORM - I

'SC/ST BY BIRTH' CERTIFICATE FOR DET - 2012

This is to certify that Sri/ Smt/ Miss.....
Son/daughter/wife of Shri
of Village/ Town..... P.S..... Tahasil.....
in the district of of the state of Odisha belongs to the
..... Caste/ Tribe which is recognized as scheduled Caste / Tribe under Constitution
(Scheduled Caste) order, 1950 as amended by the Scheduled Castes and Scheduled Tribes (Amendment)
Orders Act 1976.

The Place of birth of Sri/ Smt/ Miss is village/
Town P.S
Tahasil in the district of of the State of Odisha.

Full Signature of the Applicant.
Round Seal of Office

Date:

Designation with
Seal of Office

Note: This certificate should be issued by Tahasildar of the place of residence of parent in Odisha. No part of the form should be mutilated in any manner. In case of mutation the certificate is liable to be rejected.

FORM - II

**CERTIFICATE OF EX- SERVICEMEN CATEGORY OF CANDIDATE'S
PARENT / SPOUSE**

1. Name of the Candidate
2. Full name of employee/person
3. Permanent address as per service records
4. Whether Ex-Servicemen
5. Rank in Defense Service
6. Full name of the candidate
7. Relationship of the employee/person with the candidate
8. Present place of posting including details of unit
(in case of serving personnel)
9. Last place of posting including details of unit
(in case of Ex-servicemen)
10. Awards received if any
11. Priority {Refer Chapter 10.2 (xi)}
(As per D.O. No.3547 AS(R) 94, dt.03.06.1994 issued by Ministry of Defense, Govt. of India)

Full Signature of station commander/
Officer Commanding/Officer-in-charge/ Secretary
Zilla/ Rajya Sainik Board

Full Signature of
Candidate's Parent..... Date Designation with Seal of Office

**CERTIFICATE OF AUTHENTICITY OF ODIAS BELONGING TO
OUTLYING ODIA SPEAKING TRACT
[OL CATEGORY]**

(Format-I)

This is to certify that Mr./ Ms.
Son/ Daughter/ Spouse of Mr./ Mrs. in the district
of in the State of whose full signature is given
below is an Odia and belongs to an outlying Odia speaking tract as defined in Resolution No. 13411-Gen. Dated
8th August, 1969 of Government of Odisha erstwhile Political & Services Department (Now : G.A. Department).

Full Signature of the applicant

Signature of the Officer not below the Rank of Tahasildar

Date

Seal of Office.

**CERTIFICATE OF HAVING PASSED ODIA M.I.L. IN THE H.S.C. OR EQUIVALENT
EXAMINATION FOR ODIAS BELONGING TO OUTLYING ODIA SPEAKING TRACT
[OL CATEGORY]**

(Format-II)

This is to certify that Mr./Ms.
Son/ Daughter/ Spouse of Mr./ Mrs. in the district
of in the state of Has/ had Odia as M.I.L.
in the H.S.C. / M.E. or equivalent

Examination conducted by
(Name of the Board/ University)

from
(Name of the Institution)

In the year

Signature of Headmaster/ Headmistress

Full signature of the applicant

Date

Seal of Office

CERTIFICATE OF EMPLOYMENT OF CANDIDATE’S PARENT/ SPOUSE

Employer- Government of Odisha/ Government of India/ Universities of Odisha/Govt. of India undertaking & Govt. of Odisha undertaking located in Odisha at the time of application.

<p>1. Name and address of Organisation / Office in which employed :</p> <p>2. Name and designation of the certifying authority (Employer / Head of Office/ Organisation) :</p> <p>3. a) Name in full and designation of employee to whom certificate is being issued. :</p> <p>b) Whether in permanent employment :</p> <p>c) Present Place and State of Posting :</p> <p>d) Permanent address as per service records :</p> <p>4. Name of the candidate in full :</p> <p>5. Relationship of the employee with the candidate :</p> <p>6. Details of the Institution in Odisha from which the candidate has passed/ appeared the H.S.C/ 10+2 Examination :</p> <p>7. Particulars of employment of the employee :</p>	<p>Father / Mother / Husband/ Wife (Delete whichever is not applicable)</p>
--	---

Place

Date of Joining

Period of Service

Signature of Employee

Signature of Employer/ Head of Office/ Organisation

Date:

Designation (With Seal of Office)

Note: In case of the employee is on deputation either from Govt. of Odisha or Govt. of India, the above certificate

'PERMANENT RESIDENT OF ODISHA' CERTIFICATE FOR DET – 2012

Office of the

Miscellaneous Certificate Case No..... of 2012.

This is to certify that Shri/Smt/Miss..... son/daughter/wife of
..... is a native of the district of in the State of
Odisha and he/she belongs to P.S. Tahasil

The certificate is being granted only for the purpose of DET-2012 Odisha.

Full Signature of the applicant.

Signature of the Revenue Officer

Date:

Round seal of the Office.

Designation (with seal of office).

Note: - 1) Revenue Officer means the Chief Officer in charge of Revenue Administrative in the District, Sub-Division or Tahasil and includes an Additional District Magistrate and Additional Tahasildar. No part of the form should be mutilated in any manner. In case of mutilation, the certificate is liable to be rejected.

CERTIFICATE OF PHYSICAL FITNESS.

(Medical Certificate to be filled in by Medical Practitioner).

The certificate is necessary as the training in the institute involves large amount of food handling. The final admission will be subject to a medical check-up by the Medical Officer.

Name of the Student:-

Father's name:-.....

Address:-.....

.....

.....

MEDICAL HISTORY.

Certified that the above student is not suffering from any of the following diseases:

- a) Infectious skill diseases
- b) Psoriasis Follicle
- c) Tuberculosis
- d) Venereal Diseases
- e) Epilepsy
- f) Trachoma
- g) Convulsions due to any cause.

She has not suffered from the above diseases or any other major disorder during the past 5 years.

Signature of Student attested.

Signature of the Medical Officer,

Name:-

Designation with Seal.

Place:

Date:-

CERTIFICATE OF PHYSICAL FITNESS.

(Medical Certificate to be filled in by Medical Practitioner not below the rank of Assistant Surgeon).

This is to certify that the candidate is medically fit to persecute study in Diploma Engineering courses and the details of the candidate is as per the following.

Name of the Student:-

Father's name:-.....

Address:-.....

.....

.....

Signature of Student attested.

Signature of the Medical Officer,

Name:-

Designation with Seal.

Place:

Date:-



**INFORMATION AT A GLANCE
DIPLOMA ENTRANCE TEST – 2012
(DET – 2012)**

Sale of Forms OFFLINE / ONLINE		15.03.2012 (10.00 AM) to 16.04.2012 (05.00 PM)
Receipt of Forms OFFLINE / ONLINE at Sale cum Receipt Counters		15.03.2012 (10.00 AM) to 16.04.2012 (05.00 PM)
Receipt of Forms ONLINE / by Post at DET Cell, BOSE, Cuttack		15.03.2012 (10.00 AM) to 19.04.2012 (05.00 PM)
Availability of DET - 2012 Roll No. and Centre list in website: www.detorissa.nic.in		08.05.2012
Date of Entrance Test		13.05.2012
Publication of DET Result in website: www.detorissa.nic.in		26.05.2012 (Non-Engg./ Lat) 10.06.2012 (Diploma Engg.)
Tentative date for start of counseling		18.06.2012 (Non-Engg./Lat) 04.07.2012 (Diploma Engg.)
Commencement of 1 st /3 rd semester classes		To be informed at the time of counseling.

IMPORTANT

The candidates are advised to remember/keep the Application Form Number printed over the OMR Application form and the user ID along with Password provided to him/her in safe custody for future correspondence if any.



ADDRESS FOR COMMUNICATION

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THE ORDER OF HON'BLE SUPREME COURT OF INDIA**