

No.

# **DIPLOMA ENTRANCE TEST - 2013**

## **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**



**Directorate of Technical Education & Training, Odisha**

Kilamaitlan, Bhubaneswar, Cuttack- 751001,

Tele Fax-0672-2300855 / Fax - 0672-2300760

DEET Call Centre : 0672-3403600/ 2413600/2413600/2413600/2413600

Website : [www.dteodisha.nic.in](http://www.dteodisha.nic.in), Email : [2013dteodisha@gmail.com](mailto:2013dteodisha@gmail.com)

# PROGRAMME

## FOR

### DIPLOMA ENTRANCE TEST-2013, ODISHA

**Date of Examination-05.05.2013 (Sunday)**

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

NB: The candidates are to report at the Examination Centre 30 minutes before the scheduled Time 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 counseling 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-2013 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 2013-14 only. Its contents are subject to change without prior notice.
2. Admissions to 1<sup>st</sup> semester Diploma Engineering Course and 3<sup>rd</sup> semester Diploma Engineering (Lateral Entry) shall be made on the basis of the merit rank of DET-2013. There will be web based e-counseling for admission to 1<sup>st</sup> / 3<sup>rd</sup> Semester Engineering Courses. Admissions to Non-Engineering courses shall be made on the basis of the merit rank of DET-2013 through manual computerized Central Counseling.
3. Application fee for applying DET-2013,
  - i) The candidate desirous of applying **ONLINE** can make their payment (Non-Refundable) of Rs.300/- (Rupees Three Hundred) only through NEFT mode at any Bank having Core Banking System (CBS) facility / Challan at any Branch of AXIS Bank.
  - ii) The candidate desirous of applying **OFFLINE** for DET-2013 has to deposit (Non-Refundable) Rs.500/- (Rupees Five Hundred) only 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.
4. Submission of completed filled in Application form :
  - A. Completed application form must be deposited either by hand at any sale- cum- receipt counter or sent to the **Principal, Bhubanananda Orissa 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 mentioned in Chapter-4. Those who will apply through ONLINE mode need not submit printout of the filled in application form.
  - B. No acknowledgement card will be sent. However, you may check the status of your ONLINE application status on the Website : **[www.detodisha.nic.in](http://www.detodisha.nic.in)**
5. Your application must be complete 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 summarily be rejected.
6. Original certificates, mark sheets and other documents will be verified at the time of counseling with respect to eligibility, category and reservation that you are claiming.
7. 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.
8. Your admission may be cancelled at any time if certificate / mark sheet / any other documents are found to be forged or manipulated.
9. 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.
10. Appearance of Diploma Entrance Test (DET-2013) does not automatically confirm right of admission to Diploma Courses.
11. The details of the Counseling procedure shall be intimated to all rank holders separately along with the rank card.
12. Rank holders for admission into 3<sup>rd</sup> Semester (Lateral) & 1<sup>st</sup> Semester Diploma Engineering courses are required to deposit counseling fee of Rs.200/- (Rupees Two Hundred) only during document verification and choice locking at assigned NCC to be notified later on.
13. The candidate is advised to retain a photocopy of filled in application form for further correspondence.

**NOTE : The Courts at Cuttack alone shall have the jurisdiction to settle and decide all matters and Disputes related to DET-2013**

## CONTENTS

Chapter	Descriptions	Page No.
<b>Front Inner Cover – Programme</b>		
1.	INTRODUCTION	3 - 4
2.	ABBREVIATIONS AND TERMS USED	4
3.	GENERAL INFORMATION	4 - 5
4.	ELIGIBILITY FOR ALL DIPLOMA COURSES	6 - 7
5.	Schedule for DET-2013	7 - 8
6.	How to Apply DET-2013	8 - 10
7.	List of sale cum receipt counters	10 - 15
8.	How to fill up OMR Application Form (Point wise)	16 - 18
9.	Rules for Entrance Examination	18 - 20
10.	How to get Admit Card & Rank Card	20
11.	Availability of courses & intake capacity, 2012-13	20 - 25
12.	Rules for admission for the session 2013-14	26 - 30

### APPENDIX I TO II

APPENDIX-I	Syllabus for all DIPLOMA courses	31 - 34
APPENDIX-II	Model questions	34 - 35
<b>FORMS</b>		
Form – I	SC/ST Certificate by Birth	38
Form – II	Certificate of Ex-Serviceman category candidate's parent	38
Form – III	Certificate of Authenticity of Odia's belonging to out lying Odia speaking Tract (L Category) (Part-I & Part-II)	39
Form – IV	Certificate of Employment of Candidate's Parent/ Spouse	40
Form – V	Certificate of Permanent Resident for DET-2013 Odisha	41
Form – VI	Certificate of Physical Fitness only for HMCT candidates	42
Form – VII	Certificate of Physical Fitness for other candidates	43
Form – VIII	Annual Income Certificate of Parents / Financing Guardian	44

**Back inner Cover – Information at a glance**

### 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 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 / Defence / Railways and all other employers. Due to rapid industrial growth in the sector like Steel, Sponge Iron, Power Aluminium, 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 **99 Engineering Schools/ Polytechnics (12 Govt. / Govt. Aided + 87Private)** in the state with approved intake of **32155 in 21 disciplines** of Engineering and Non-Engineering courses. Further, few new Govt. Engineering School/ Polytechnics are likely to come up during the session 2013-14 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 3<sup>rd</sup> Semester Diploma and Polytechnic pass out to 3<sup>rd</sup> 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 except the courses in Pharmacy which is in yearly pattern. 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 Institute. 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, JK Papers Ltd, Seba Paper Ltd, Mahle Filter System, Sipla-Pune, Jayashree Chemicals, Johnder-Pune, ESSEL Mining, ESSAR Steel, MESCO Steel, IMFA group, Adani Group, Adhunik Metalics.**

### 1.4 CURRICULAR DEVELOPMENT ACTIVITIES:

Constant endeavour 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, NSS, 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-metric scholarships & other financial assistance sanctioned by Govt. from time to time

## Diploma Entrance Test - 2013

for ST/ SC/ OBC/ SEBC/ Minority Community students in all institutions.

- (a) Financial assistance to complete the study, if the parents/ financial guardian of the student dies during study period (b) One time scholarship of Rs.3000/- to eligible Topper students of 1<sup>st</sup> / 3<sup>rd</sup> / 5<sup>th</sup> semester examination under student welfare scheme.
- Tuition fee waiver scheme for admission to 5% supernumerary seats in all institutes for the sons and daughters of parents whose annual income is less than ₹ 4.50 lakhs from all sources.
- National Scholarship / 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 counseling"
"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-2013"	means "Diploma Entrance Test-2013"
"DET (L)"	means "Diploma Entrance Test (Through Lateral Entry) - 2013" : Through this scheme candidates of 10+2 Science, +2 Vocational & ITI holders are admitted in 3 <sup>rd</sup> Semester of Diploma Course directly.
"DTE&T"	means "Director of Technical Education & Training, Odisha"
"GC"	means "Children of Green Card holder"
"HSC"	means "High School Certificate" examination.
"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"
"SP"	means "Candidates under Sports reservation"
"TFW"	means "Tuition Fee Waiver" Scheme.
"NC"	means "National Cadet Corps"
"NCC"	means "Nodal Centre for Counseling"

### CHAPTER-2

#### 2.1 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 Engineering schools/ 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 Engineering schools/ 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 Engineering schools/ the Polytechnics 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 for 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 2013-14 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 SCTE&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-2013 while making correspondence regarding admission to Diploma Courses.

## 2.2 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. **All students shall submit two affidavits (One by the student & other by his/her Parent/ Guardian) in the AICTE prescribed format collecting from the Institution, (duly verified by OATH COMMISSIONER) within a week of reporting 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 counseling 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 1<sup>ST</sup> SEMESTER DIPLOMA IN ENGINEERING/ TECHNOLOGY

SL. NO.	COURSE	DURATION	ENTRY QUALIFICATION	AGE AS ON 1.7.2013.
1	First semester diploma courses (All Engineering except Mining & Drilling)	3 years	Pass in HSC examination conducted by BSE, Odisha/ 10 <sup>th</sup> standard examination declared equivalent 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	Pass in HSC examination conducted by BSE, Odisha/ 10 <sup>th</sup> standard examination declared equivalent 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 1<sup>ST</sup> SEMESTER / 1<sup>ST</sup> Year DIPLOMA IN NON-ENGINEERING

SL. NO.	COURSE	DURATION	ENTRY QUALIFICATION	AGE AS ON 1.7.2013.
1	Modern Office Management(MOM).	3 years	Pass in 10+2 Examination from CHSE, 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 CHSE, Odisha or its Equivalent examination with Science/ Arts/ Commerce and obtained at least 35% Marks at the qualifying examination.	Lower age 16 years and Upper age – No bar
3	Pharmacy	2 years	Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination and obtained at least 35% marks at the qualifying examination with Physics, Chemistry, Biology or Mathematics as approved by PCI.	-do-

3.1.C. ELIGIBILITY FOR ADMISSION TO 3<sup>rd</sup> SEMESTER DIPLOMA IN ENGINEERING / TECHNOLOGY UNDER LATERAL ENTRY

COURSE	DURATION	ENTRY QUALIFICATION	AGE AS ON 1.7.2013.
Third semester diploma courses (Lateral admission for eligible branches only)	2 years	Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination with PCM / +2 Vocational (2 years course) in any Engineering Trades /2 years ITI in Engineering Trade with pass in HSC examination conducted by BSE, Odisha/ 10 <sup>th</sup> standard examination declared equivalent by BSE, Odisha.	Lower age 14 years and Upper age – No bar



**N.B.**

**A. The list of 10<sup>th</sup> standard / HSC examinations of other Boards, declared equivalent by BSE, Odisha is available in its website i.e. [www.bseorissa.in](http://www.bseorissa.in)**

**B. The candidate appearing the qualifying examination shall also apply. However he/she has to produce the said pass certificate (with minimum marks as mentioned above) at the time of counseling.**

**C. In case of compartmental pass, the marks secured in first chance examination shall be considered for calculating the minimum percentage marks at the qualifying examination.**

- 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 / 2 years ITI in Engineering Trades with pass in HSC Examination conducted by BSE, Odisha / 10<sup>th</sup> standard examination declared equivalent by BSE, Odisha shall be admitted against 20% supernumerary seats in Govt. / Private Institutions.
- 4) In case of under Metric, 2 years ITI Engineering Trade courses, the candidates should have passed HSC conducted by BSE, Odisha/ 10<sup>th</sup> standard examination declared equivalent by BSE, Odisha 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 BBT & 6 months

Advanced 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 and all non-engineering courses.

- NB:**
1. To avail reservation, the candidate must be permanent resident of Odisha.
  2. For admission to 3<sup>rd</sup> Semester Diploma Course under lateral entry, the candidate must be a permanent resident of Odisha
  3. In both the above cases, the candidate has to produce the permanent resident certificate from the competent authority in Form-V
  4. The Govt. of Odisha / Diploma Entrance Test Committee, 2013 will not be responsible for any regulation of service/ employment where different requirement of age & other eligibility criteria exists. The candidate should take admission at his / her own risk as regard to age & other eligibility criteria regarding regulation of service.
  5. 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 2012-13 are reflected at Chapter-9 as an indicator. However the latest allotted seats during 2013-14 will be reflected in our website: [www.detodisha.nic.in](http://www.detodisha.nic.in) before commencement of counseling.

**CHAPTER – 4  
SCHEDULE FOR DET-2013**

1	<b>SALE</b> of application form <b>OFFLINE/Submission of application forms ONLINE</b>	<b>FROM 28-01-2013 to 15-03-2013</b>
2	<b>RECEIPT</b> of filled in application form <b>OFFLINE</b> at different Sale cum Receipt counters & deposit of <b>ONLINE</b> Application Form Fee	<b>FROM 28-01-2013 to 16-03-2013</b>
	<b>RECEIPT</b> of filled in <b>OFFLINE</b> application form by <b>Post</b> at BOSE, Cuttack	<b>FROM 28-01-2013 to 20-03-2013</b>

## Diploma Entrance Test - 2013

3	Availability of <b>DET- 2013 Roll No.</b> and <b>Centre list</b> at Website: <a href="http://www.detodisha.nic.in">www.detodisha.nic.in</a>	<b>FROM 20-4-2013</b>
4	Diploma Entrance Test (DET-2013) for admission to <b>1st Semester Diploma in Engineering</b>	<b>05-05-2013(Sunday) :1<sup>st</sup> Sitting : 10:00 AM to 12:30 PM (Candidate shall report by 9.30 AM)</b>
	<b>1<sup>st</sup> Semester / 1<sup>st</sup> year Diploma in Non-Engineering (HM&amp;CT, MOM and Pharmacy)</b>	<b>2<sup>nd</sup> Sitting : 2.00 PM to 4.30 PM (Candidates shall report by 1.30 PM)</b>
	<b>3rd Semester Diploma in Engineering / Technology (Lateral Entry)</b>	<b>2<sup>nd</sup> Sitting : 2.00 PM to 4.30 PM (Candidates shall report by 1.30 PM)</b>
5	<b>Declaration of Result</b> on Website : <a href="http://www.detodisha.nic.in">www.detodisha.nic.in</a>	<b>On 15-05-2013 (Lateral &amp; Non-Engg.) On 20-05-2013 (Diploma Engineering)</b>

N.B. :

- Application form duly filled in can be submitted on or before (5.00 PM) on 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 **Principal, 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-2013 committee will not be held 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 1<sup>st</sup> sitting and 2.00 P.M. for 2<sup>nd</sup> sitting.

### CHAPTER – 5 HOW TO APPLY DET-2013

Candidates are advised to read the eligibility criteria at **Chapter-3** carefully. A candidate can apply for **DET-2013** 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 '**GENERAL**' category candidate.

#### 1. FOR APPLYING ONLINE

- To apply online application form for DET 2013, the applicant has to visit website <http://detodisha.nic.in>. Please use Internet Explorer 6.0 browser or above while applying online.
- Download "Information Brochure" by clicking the link "Download Information Brochure".
- Read carefully the Information Brochure before

filling and submitting application form.

- Click the link "Apply Online" to fill and submit application form.
- Follow the steps to fill and submit application form online:
  - Enter name of the candidate (as in the HSC / 10<sup>th</sup> Standard certificate)
  - Choose Indian / NRI option (only one option can be chosen)
    - Indian (For Indian Resident)
    - NRI (For Non Resident Indian)
  - Choose Domicile option (only one option can be chosen, please refer clause 10.1 in information brochure for clarification. This option is available for Indian resident applicants.)
    - S (Odisha State applicants)
    - Z (Outside Odisha State applicants)
    - L (Odias living in outlying odia speaking tract)
  - Choose Category (only one option can be chosen. Please refer clause 10.2 (viii to ix) in information brochure for clarification. This option is available for "S" domicile applicants.)
    - SC (Scheduled Caste applicants)
    - ST (Scheduled Tribe applicants)
    - GE (applicants other than SC and ST category)
  - Choose Sub Category (more than one option can be chosen. Please refer clause 10.2 (x to xvi) in information brochure for clarification. This option is available for "S" domicile applicants)
    - GC (Children of Green Card Holder)
    - PH (Physically Handicapped)
    - ES (Children/Wards of Ex-servicemen)
    - NC (National Cadet Corps)

- SP (Sports)
- vi. Choose Gender
    - Male
    - Female
  - vii. Course (Select only one from the available options)
    - Diploma in Engineering Only
    - Diploma in Non-Engineering Only
    - Lateral Entry to Diploma in Engineering Only
    - Both Diploma in Engineering and Diploma in Non-Engineering
    - Both Diploma in Engineering and Lateral Entry to Diploma in Engineering
  - viii. Select Board / Council of Examination
  - ix. Select Qualifying Examination for Admission under Lateral Entry
  - x. Enter Date of Birth (DD/MM/YYYY format) as per HSC / 10<sup>th</sup> Standard Certificate
  - xi. Select Choice of Examination Centres
  - xii. Choose "YES" if eligible for TFW (For eligibility Refer clause 10.2 (xix) of Information Brochure)
    - Yes (if eligible)
    - No (if not eligible)
  - xiii. Enter Complete Postal Address
  - xiv. Enter Name of the Father
  - xv. Enter Phone Number (including STD code)
  - xvi. Enter Mobile Number (10 digit only)
  - xvii. Enter Complete Permanent Address
  - xviii. Upload scanned image of recent color photograph of the applicant (50KB size)
  - xix. Upload scanned image of Full Signature of the applicant (20KB size)
6. Submit the application by clicking "Submit" option available in the application form. Applications complete in all respects will be displayed for confirmation / edit button. The candidate can either edit the DATA for any modification by clicking "Edit" option or confirm the Application Form by clicking "Confirm Application Form" option. After confirmation, the DATA can not be modified. The application number will be displayed on the screen.
  7. Applicants who are not able to get or see application number after clicking "Confirm Application Form" option, their application form is not saved and they can fill and submit application form again.
  8. On successfully submitting and getting

application number, please remember or keep this application number for future reference. Then two links are available for payment of Application Fee of **₹300.00** i.e. NEFT application form or AXIS Bank Challan Form, which contains Applicants Name, Application Number, Account No etc. The applicant can download any one fee deposit form and deposit the fees at any Bank in NEFT mode or at AXIS Bank in the Challan Form by **16/03/2013**. Please use your own NEFT/Challan form to deposit fees.

9. After 24 hours (excluding public holidays) of depositing fees at Bank, please visit the website to know the status of receipt of fees by DET.
10. To know the status of receipt of fees, please click on the link "Status of Application" in the website. If status is not updated after due time mentioned above, please inquire at Axis Bank helpline number(s) available in NEFT / Challan form. Also, you can contact DET Help Line to inform about the non-receipt of fees.

### 3. FOR APPLYING OFF-LINE

- 3.1 Sale of **OMR** application (Off-line Form & Information Brochure) will start from **10 A.M. dt.28-01-2013** and closes at **5 P.M. dt.15-03-2013**. 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 **₹500.00** per candidate for **OFFLINE** mode.

### 3.2. Instructions for applying Offline

- A. Read carefully the eligibility criteria.
- B. Please note down the Six 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.

## Diploma Entrance Test - 2013

- 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 father's name, and your date of birth should exactly be the same as in your 10<sup>th</sup> 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.
- N.** The candidate is advised to retain a photo copy of filled in application form for further correspondence.

### List of Sale cum Receipt Counters (Existing Govt. & Govt. aided Diploma Institutions)

SI No.	Name & Address	Website	E-mail ID	Contact No
1	Bhubanananda Orissa School of Engineering, BOSE Campus, Cuttack-7	www.boseorissa.org	principalbose@rediffmail.com	0671-2414092/ 2414086
2	Govt. Polytechnic, Berhampur, Ganjam	www.govtpolytechnicbam.org	govtpolytechnicberhampur@gmail.com	0680-2291660/ 9439156167
3	Govt. Polytechnic, Chandrasekharpur, Bhubaneswar, Khurda	www.govtpolytechnicbbsr.com	principalwpb@sify.com	0674-2300947/ 9438064993
4	Govt. Polytechnic, Mahisapat, Dhenkanal	www.govtpolytechnicdhenkanal.org	wpdhenkanal@rediffmail.com	06762-226541
5	Indira Gandhi Institute of Technology (Society), Sarang, Dhenkanal	www.igitsarang.ac.in	deputyregistrar@igitsarang.ac.in	06760-240371/ 9437081177/ 9437728608
6	Institute of Textile Technology (Society), Choudwar, Cuttack	www.ittorissa.org	itt.cdr@gmail.com	06712394217/ 9938036770/ 9861139437/
7	Jharsuguda Engineering School, Jharsuguda-768203	www.jesjsg.org.in	principal_jes@rediffmail.com	06645-272605
8	Orissa School of Mining Engineering, Keonjhar-758001	www.osme.net.in	Osme_keonjhar@yahoo.com	06766-255432
9	SKDAV Govt. Polytechnic, Basanti Colony, Rourkela, Sundergarh	www.skdavpolytech.ac.in	Principal_skdav@rediffmail.com	0661-2505150
10	Uma Charan Patnaik Engineering School, Berhampur, Ganjam	www.ucpes.org	ucpes@ori.nic.in/ saratpattnaik@rediffmail.com	0680-2291826
11	Utkal Gourab Madhusudan Institute of Technology, Rayagada - 768001	www.ugmit.org	Ugmit1979@yahoo.in	06856-222073
12	Utkalmani Gopabandhu Institute of Engineering, Rourkela, Sundergarh	www.ugierkl.ac.in	Ugie_principal@rediffmail.com	0661-2401130/ 9438065304

List of Sale cum Receipt Counters (Existing Private Diploma Institutions)

SI No.	Name & Address	Website	E-mail ID	Contact No
1	Adarsha School of Engg. & International Polytechnic, Angul	www.adarshadiploma.com	ace.angul@yahoo.com pcdhall@gmail.com	06764-214015/ 9437383020/ 8895364599
2	Aryan Inst. of Engg. & Technology (Poly), Sundargarh, Cuttack	www.aryanpoly.ac.in	principal@aryanpoly.ac.in	9937173825/ 9437469630
3	Asian School of Technology, Bantala, Muktapur, Khurda	www.astorissa.in	Purusottam_ast@yahoo.in	7381009630/ 9238109155
4	Aumsai Institute of Technical Education (Poly), Berhampur, Ganjam	www.asite.edu.in	aumsite@gmail.com/ aumsai008@gmail.com	06802243010 / 11 / 9437127721
5	B.I.T. Polytechnic, Balasore	www.bitpolytech.org	bit_balasore@rediffmail.com	06782-2653076 / 77 9861947995 / 9437054705
6	Badriprasad Institute of Technology, Debaipali, Sambalpur	www.bitsambalpur.org	bitechsbp@gmail.com	0663-2456651 9439806803
7	Bajirout Inst. of Engg. & Tech. (Poly), Gobindpur, Dhenkanal	www.bietodisha.com	bajiroutiet@rediffmail.com / taraprasan.satpathy@gmail.com	06762-243046/ 243246/ 9437079364
8	Balaji Inst. of Tech. & Science Knowledge Centre, Gunupur	www.bitsgunupur.org	bits.gnpr09@gmail.com	9437234011/ 9437234009
9	Balasore School of Engineering, Ranipatna, Balasore	www.bsebalasore.org	principalbse@yahoo.co.in	06782-260610/ 8093623247
10	Barapada School of Engineering & Technology, Barapada, Bhadrak	www.bsetbarapada.ac.in	principalbset@rediffmail.com	06784-26162/ 33 9437297044/ 9437408830
11	Barunei Institute of Engineering & Tech. (Poly), Kadalibadi, Khurda	www.bietodisha.org	biet.in@rediffmail.com	9938275029/ 8895934391
12	Berhampur School of Engineering & Technology, Dora, Berhampur, Ganjam	www.bsetberhampur.ac.in	bset_principal_bam04@yahoo.co.in	06802490027/ 9437575756
13	Bhadrak Engineering School & Technology, Asurali, Bhadrak	www.bestbhadrak.org	bestbhadrak@gmail.com	9439900105/ 9437266180
14	Bharat Institute of Engineering & Tech., Sivram Vihar, Berhampur, Ganjam	www.biet.edu.in	bietmohada@gmail.com	9438071231/ 9437259002 0680-2260022
15	Bhubaneswar Engineering College (2nd Shift), Gangapada, Bhubaneswar	www.becbbsr.ac.in	bec.diploma@becbbsr.ac.in	9437044215/ 9437088215
16	Bhubaneswar Polytechnic, Janala, Bhubaneswar, Khurda	www.bhubaneswarpolytechnic.org	bhubaneswarpolytechnic@gmail.com	9437635751/ 943737002
17	Biju Patnaik Institute of Technology, Phulbani, Kandhamal	www.bpitphulbani.ac.in	info@bpitphulbani.ac.in	06842-256057/ 9437485918/ 9438211895
18	Black Diamond School of Engineering, Brajarajnagar	www.blackdiamond.org.in	blackdiamondorissa@rediffmail.com	06645-242202/ 9861066049
19	C.V. Raman Polytechnic, Bhubaneswar, Khurda	www.cvrgi.edu.in	infopolytechnic@cvrgi.edu.in	0674-3260602/ 9040021100/ 01/02/03

## Diploma Entrance Test - 2013

SI No.	Name & Address	Website	E-mail ID	Contact No
20	City Inst. of Technical Education, Kuanr Munda, Rourkela, Sundergarh	www.citerkl.org	cite_rkl@rediffmail.com	0661-2112232/ 9437045074/ 9861096054
21	Dhableswar Institute of Polytechnic, Athagarh, Cuttack	www.dipcuttack.org	dipcuttack@gmail.com	9437443155/ 9777917024/ 9437946407
22	Divine Institute of Engineering & Technology, Poda Astia, Baripada, Mayurbhanj	www.divinebaripada.org	dietbaripada@gmail.com	9439480000
23	DRIEMS (Dhaneswar Rath Inst. of Engg. & Mgmt. Studies), Cuttack (Tangi)	www.driems.ac.in	driemsdiplomawing@gmail.com	9438831393/ 9438861694
24	Ganapati Inst. of Engg. & Tech. (Poly), Jagatpur, Cuttack	www.gietorissa.org	contactgiet@gmail.com	9437019869/ 9437926428
25	Gandhi Polytechnic (Gandhi Group of Institutions), Golanthara, Konisi, Berhampur, Ganjam	www.gandhipolytechnic.ac.in	gandhipolyinfo@gmail.com	0680-2111188/ 99/ 9337733014/ 9337733006
26	Gandhi School of Engineering, Bhabandha, Berhampur, Ganjam	www.gse.ac.in	gandhi_diploma@yahoo.in	9439325982/ 9338121763/ 9040044166
27	Ganesh Institute of Engg. & Tech (Poly), Andharua, Bhubaneswar, Khurda	www.giet.edu.in	gietpolytechnic@giet.edu.in	0674-3203000/ 2471014/ 9437069836
28	Gurukrupa Technical School, Narsingpur, Cuttack	www.gurukrupagroup.org	gipprincipal2008@gmail.com	06721-270643/ 44/ 9338703161/ 9437373605
29	Gurukula Engg. School, Jamajhari, Chatabar, Khurda	www.gurukules.org	gurukulaenggschool09@gmail.com	0674-2111096/ 9437496479
30	Hi-Tech Institute of Technology, Industrial Estate, Khurda 2nd Shift	www.hit.ac.in	rns_principal@yahoo.co.in principal@hit.ac.in	9437571307
31	Hi-Tech. Institute of Engg & Mgmt, Ranital, Bhadrak	www.hiem-bdk.org	principal.hiem@yahoo.co.in	06784-265826/ 27
32	Hi-Tech. Institute of Information & Tech., Umeri, Jeypore, Koraput	www.hiitjeypore.org	hiitjeypore@gmail.com	06854-212080/ 9861039572/ 9438236857
33	Holy Institute of Technology, Berhampur, Ganjam	www.hitengg.org.in	hitengg.org@gmail.com	0680-2113041/ 9437091981/ 9777499997/
34	Ideal School of Engineering (Poly) , Jhinkharada, Khurda.	www.idealschool.edu.in	engineering.ideal@gmail.com	0674-3244603
35	Indus School of Engineering , Barakuda, Khurda	www.indus.ac.in	gyana.indus@gmail.com	0674-2111590/ 9238331773
36	Institute of Engineering & Management , At: Gourahari Vihar Po: Raniput, Jeypore, Pin-764005 Dist-Koraput (ODISHA)	www.iemjeypore.in	iemadm@gmail.com	9437125440 9437206852 9778624624
37	Jeypore School of Engineering & Technology, At-Rondapalli, Po-Ambaguda, Koraput	www.jsetjeypore.org	Jset2007@gmail.com/ jset2007@yahoo.in	06854-246703/ 07/ 08/ 9437091092

SI No.	Name & Address	Website	E-mail ID	Contact No
38	Jhadeswar Inst. of Engineering & Technology , Chhanpur, Balasore	www.jietorissa.org	jhadeswarietbls@gmail.com	9438458393/ 9337838881
39	Kalahandi School of Engineering & Tech., Baidyanath Vihar, Udit Narayanpur, Bhawanipatna, Kalahandi	www.kset.in	kset08@gmail.com	06670-232474/ 9437091092/ 9937666670
40	Kalam Institute of Technology (Poly), Berhampur, Ganjam	www.kitpberhampur.in	apkitp@gmail.com	9437261562
41	Kalianga Inst. of Mining Engineering & Technology, Chhendipada, Angul	www.kimet.org.in	Kimet.cpd@gmail.com	8658478735/ 9437490737
42	Kalinga Inst. of Engineering & Technology, FC Project, Jajpur	www.kietorissa.org.in	kietjajpur@yahoo.co.in	9178247005/ 9132072791/ 9937272791
43	Kalinga Nagar Polytechnic, Tarapur, Laxminagar, Jajpur,755015	www.knpjajpur.org	knpjajpur@yahoo.com	9438213164/ 9439542180
44	Kalinga Polytechnic, KIIT, Bhubaneswar, Khurda	www.kpkiit.ac.in	kpkiit@kiit.ac.in	0674-2725098/ 9338887377/ 9437305096
45	Keonjhar School of Engineering, Dimbo, Keonjhar	www.ksekeonjhardani.org	kse.dani2@gmail.com	9437962498/ 9937541724
46	Koustav School of Engineering, Patia, Bhubaneswar, Khurda	www.koustuvgroup.ac.in	kse@koustuvgroup.ac.in	0674-2743599
47	Krupajal Engineering School, Pubasasan, Kousalyaganga, Bhubaneswar, pin-751002	www.krupajalgroup.org	kes_principal@krupajalgroup.org bikashpatnaik@rediffmail.com	0674-3253140/ 9338302901
48	Mahalaxmi Institute of Tech. & Engg. (Polytechnic), Mrigini, Raj Nilagiri, Balasore	www.mitebalasore.org.in	mitenilgiri@gmail.com	9938575015 9338281168 9438579977
49	Mahamaya Institute of Medical & Tech. Science (Poly), Nuapada	www.mimts.ac.in	mimtsnuapada@gmail.com	9437056380/ 9668332305
50	Maharaja Polytechnic, Taraboi, (Behind Barunei Hill), BBSR, Khurda	www.mitbbsr.org	info.mp09@gmail.com	9437180035
51	Mayurbhanj School of Engineering, Baripada, Mayurbhanj	www.msebaripada.org	msebaripada@gmail.com	9437188959
52	MITS Institute of Polytechnic, Kolonara, Rayagada.	www.mitscollege.ac.in	polytechmits@gmail.com	06856-211411/ 9861766431
53	MITS School of Engineering, Janala, Bhubaneswar, Khurda	www.mse.edu.in	mitsschool@gmail.com	0674-3274480/ 9437480955
54	Nalanda Institute of Technology, Chandaka, Bhubaneswar, Khurda	www.thenalanda.com	nitpbbsr2008@gmail.com	9938632362/ 9438504302
55	Narayani Institute of Engineering & Technology, Angul	www.nietanugul.edu.in	nietangul@gmail.com	9937063437 9439881137 9437193437
56	Nayagarh Institute of Engg. & Technology, Vidyavihar, Nayaharg	www.nietodisha.edu.in	niet.sb_org@yahoo.co.in	9937465397
57	Nilachal Polytechnic, Bhubaneswar, Khurda	www.nilachalpolytechnic.org	principal@nilachalpolytechnic.org	0674-2725417/ 18/ 9437037989/ 9438321548
58	Nilasaila Institute of Science and Technology, Sergarh, Balasore	www.nistpolytechnic.co.in	nist.bls@gmail.com	06782-236003/ 04/ 9437445627/ 9437977877

## Diploma Entrance Test - 2013

SI No.	Name & Address	Website	E-mail ID	Contact No
59	Orissa Institute of Engineering & Technology, Dhenkanal.	www.oiet.edu.in	info@oiet.edu.in	06762-243333/ 9437143020
60	Orissa School of Engineering (Poly), Berhampur, Ganjam	www.ose.org.in	secretary@ose.org.in	9437263263
61	Oxford College of Engineering & Management (2nd shift), Bhubaneswar	www.oxfordbbsr.com	oxfordcollegeofengg@gmail.com	0674-2593909/ 8895992200
62	Oxford School of Polytechnic Diploma, Baliana, Bhubaneswar	www.oxfordbbsr.com	oxfordpolytechnic@gmail.com	0674-2593909/ 8895992200
63	Pabitra Mohan Institute of Technology, Talcher, Angul	www.pmitodisha.ac.in	pmit.orissa@gmail.com	9439921778/ 9438277954/ 06760-211124
64	Padmashree Krutartha Acharya Institute of Engg. & Tech., At- Chakarkend, PO- Sohela, Dist- Bargarh, Pin-768033	www.pkaiet.in	Principal.pkaiet@gmail.com	06646-262052/ 16/ 26/ 369938043078
65	Pathani Samanta Institute of Engg. & Tech (Poly), Dhenkanal	www.pathanisamantgroup.org	pathanisamanta@yahoo.com	9338740300/ 9777066494
66	PNS School of Engineering & Tech., Marshaghai, Kendrapara	www.pnset.com	pnsset@gmail.com	9437440666
67	Puri Engineering School (Poly), Baliguali, Puri	www.puriengineeringschool.org	puriengineeringschool@gmail.com	9861444772
68	Purna Chandra Inst. of Engineering & Technology, Chhendipada, Angul	www.pciet.in	pciet_cpd@rediffmail.com pciet.cpd@gmail.com	9438253319/ 9438253318
69	Purusottam School of Engineering & Tech (Poly) , Mandiakudur, Rourkela, Sundergarh	www.purushottamgroup.org	principal.pset@gmail.com	06624-280627/ 9437963538/ 9337108589/
70	Raja Kishore Chandra Academy of Technology, Nilagiri, Balasore	www.rkcatgroup.in	rkcat2008@yahoo.com	06782-233132/ 922/ 9853870507/ 9853431147
71	Ramarani Institute of Technology, Balasore	www.ritbalasore.net	principalramarani@yahoo.in	9437215904
72	RK Institute of Engg. & Technology, Kantapada, Niali, Cuttack	www.rkiet.org	rkiet2010@gmail.com	9938056328
73	Rourkela Institute of Technology, Kalunga, Rourkela, Sundergarh	www.ritrkl.ac.in	info@ritrkl.ac.in	0661-2661164/ 9861057047
74	Samanta Chandrasekhar Inst. of Tech. & Mgmt., Semiliguda, Dist-Koraput, Odisha, Pin-764036.	www.scitm.org	scitm@yahoo.co.in	06853-225110/ 9778624649 9437772433
75	Sanjay Memorial Institute of Tech., Ankuspur, Berhampur, Ganjam	www.smitdiploma.org	Principal_smitdiploma@rediffmail.com Smit_diplomaengg@rediffmail.com	0680-2485008/ 9439337355/ 9437661645
76	Satyasai School of Engineering (Diploma), Srikona, Panjibag, Sunhat, Balasore	www.sssebalasore.in	satyasaischoolofengg@gmail.com benumadhab83@gmail.com	9438579977
77	Sidhartha Institute of Engineering & Technology (Polytechnic) At-Ektguda, PO-ohadeiput, Dist-Koraput, Odisha, PIN-764022	www.sietkoraput.in	sietkoraput@gmail.com info@sietkoraput.in	9437699009



SI No.	Name & Address	Website	E-mail ID	Contact No
78	Sri Polytechnic, Komond, Odagaon, Nayagarh	www.srisikhya.edu.in	sripolytechnic@indiatimes.com sripolytechnic@rediffmail.com mail.srisikhya.edu.in	9938877887
79	SSB Regional Inst. Sc. & Tech (Poly), Chitrada, Mayurbhanj	www.ssbriest-chitrada.org.in	ssbrahmaednt@rediffmail.com mohanta.samal@gmail.com	9437744676/ 9439380937
80	Suddhananda Residential Polytechnic, Nachhipur, Cuttack.	www.sgoi.org	admission@sgoi.org	9437015858
81	Sundergarh Engineering School, Kirei, Sundergarh	www.sessundargarh.org	dsahu1966@rediffmail.com skchoudhury_71@yahoo.co.in	9437962798 9437530099 9437049866
82	Sushree Institute of Technical Education, Bolangir	www.sushreotech.com	sushree_diploma@sancharnet.in	06652-250687
83	Swami Vivekananda School of Engg. & Tech (Poly), Bhubaneswar, Khurda	www.swamivivekanandaschool.ac.in	svset_in@yahoo.com	0674-2111303/ 9437570284
84	Techno School, Patrapada, Bhubaneswar (2nd Shift), 361 (A), Patrapada, Bhubaneswar, Dist- Khordha, Odisha-751019	www.tts.ac.in	tts_bbsr@yahoo.co.indirector@tts.ac.in	0674-2472525, 9437241687
85	Utkal Institute of Engineering & Technology, Rathipur, Khurda	www.uiet.co.in	uiet.tech@yahoo.in	0674-2495991/ 2495992/ 9439264467
86	Vikash Polytechnic, Bargarh	www.orissavikash.com	vikashpolytechnic@ymail.com akm_vcew@rediffmail.com	9437402833/ 9437158858/ 9437241170
87	Zenith Institute of Science & Tech., At-Pitapalli (NH-5), Po-Kumarbasta, Via-Jatni, Dist-Khurda, Pin-752055	www.zist.ac.in	zistorissa@gmail.com	0674-2430367/ 8908018083/ 86/87

**List of Sale cum Receipt Counters -Other (Govt./Govt. aided institution) Organizations.**

SI No.	Name & Address	Contact No
1	Biju Pattnaik Film & Television Institute of Orissa, BOSE Campus, Cuttack-7	0671-2413968
2	State Institute of Plumbing Technology, Pattamundai, Kendrapara	0671-2344922
3	District Employment Office, Deogarh	06641-226054
4	District Employment Office, Gajapati	06815-222084
5	District Employment Office, Jagatsinghpur	06724-221707
6	District Employment Office, Nawarangpur	06858-222303
7	Govt. Industrial Training Institute, Anandapur, Keonjhar	06731-220301
8	Govt. Industrial Training Institute, Bhawanipatna, Kalahandi	06670-230494
9	Govt. Industrial Training Institute, Bolangir	06652-250693
10	Govt. Industrial Training Institute, Khariar Road, Kalahandi	06678-222792
11	Govt. Industrial Training Institute, Malkanagiri	9438179400
12	Govt. Industrial Training Institute, Sonapur	9438108270
13	Govt. Industrial Training Institute, Boudh	06841-222336
14	Govt. Industrial Training Institute, Phulbani, Kandhamal	06842-253753
15	Govt. Industrial Training Institute, Puri	06752-251112

**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 HSC examination conducted by BSE, Odisha / 10<sup>th</sup> standard examination declared equivalent by BSE, Odisha 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	<b>S</b>
Outside Odisha State Domicile	<b>Z</b>
Odias living in outlying Odia speaking tract	<b>L</b>

**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 “**Z**” & “**L**” Domicile candidates.

Category	Code
General	<b>GE</b>
Scheduled Caste	<b>SC</b>
Scheduled Tribe	<b>ST</b>
Children of Green Card Holder	<b>GC</b>
Children/Wards of Ex-Servicemen	<b>ES</b>
Physically Handicapped	<b>PH</b>
Sports	<b>SP</b>
National Cadet Corps	<b>NC</b>

**5. GENDER:**

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

**6. COURSE:**

Darken the appropriate circle

- **If a candidate wishes to appear DET-2013 for admission to 1<sup>st</sup> semester Diploma Engineering course only, then he/she**

**should darken the circle meant for Diploma Engineering only.**

- **If a candidate wishes to appear DET-2013 for admission to 1<sup>st</sup> semester / 1<sup>st</sup> 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-2013 for admission to 3<sup>rd</sup> 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-2013 both for admission to 1<sup>st</sup> Semester Diploma Engineering Course and 1<sup>st</sup> Semester/ 1<sup>st</sup> 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-2013 both for admission to 1<sup>st</sup> Semester Diploma Engineering course and 3<sup>rd</sup> 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 3<sup>rd</sup> 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 H.S.C/10<sup>th</sup> Pass Certificate declared equivalent by BSE,Odisha):**

Enter the date, month and year of your birth as per the English Calendar and as recorded in your School/ Board/Examination certificate of 10<sup>th</sup> 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 8<sup>th</sup> March 1998, the date should be entered as follows: 08 03 98, 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-2013 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.

- Candidates who desire to appear Diploma Engineering (Lateral) or Diploma in Non-Engineering Course are allowed to appear the **DET-2013** at: **ANGUL, BALASORE, BERHAMPUR, BHUBANESWAR, BOLANGIR, CUTTACK, JEYPORE, JHARSUGUDA, KEONJHAR** and **ROURKELA CENTRES** only. Accordingly he/she has to give choice of centre in order of preference.
- Candidates who desire to appear both Diploma Engg. & Diploma Engg. (Lateral) or Diploma in Engg. & Diploma in Non- Engg. Course are allowed to appear the **DET-2013** at: **ANGUL, BALASORE, BERHAMPUR, BHUBANESWAR, BOLANGIR, CUTTACK, JEYPORE, JHARSUGUDA, KEONJHAR** and **ROURKELA CENTRES** only. Accordingly he/she has to give choice of centre in order of preference.

**LIST OF DET-2013 EXAMINATION CENTRES (Inside Odisha) WITH CENTRE CODE**

Centre	Code	Centre	Code
Anandpur	01	Kendrapara	22
Angul	02	Keonjhar	23
Balasore	03	Khurda	24
Barbil	04	Koraput	25
Bargarh	05	Malkangiri	26
Baripada	06	Nawarangapur	27
Berhampur	07	Nayagarh	28
Bhadrak	08	Nuapada	29
Bhawanipatana	09	Padampur	30
Bhubaneswar	10	Paradeep	31
Bolangir	11	Paralakhemundi	32
Boudh	12	Phulbani	33
Choudwar	13	Puri	34
Cuttack	14	Rairangpur	35
Deogarh	15	Rayagada	36
Dhenkanal	16	Rourkela	37
Jagatsinghpur	17	Sambalpur	38
Jajpur	18	Sonepur	39
Jaleswar	19	Sundergarh	40
Jeyapore	20	Soro	41
Jharsuguda	21	Talcher	42

**LIST OF DET-2013 EXAMINATION CENTRES (Outside State) WITH CENTRE CODE**

Centre	State	Code
Jamshedpur	Jharkhand	43
Kolkata (Salt Lake)	West Bengal	44
Patna	Bihar	45
Raipur	Chhattisgarh	46
Ranchi	Jharkhand	47
Srikakulam	Andhra Pradesh	48

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)**

- The scheme shall be applicable to all approved Diploma Institutions for Diploma programme and its Lateral Entry provision.
- 5% of the sanctioned intake per course shall be available for these admissions. These seats shall be supernumerary in nature.
- 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. The candidate has to submit a certificate as appended in Form-VIII at the time of document verification at NCC.
- The waiver is limited to the Tuition Fee as notified
- The scheme is only for "S" Domicile candidates who are permanent resident of Odisha.

**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** ( Not in capital letter ) 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 FATHER(AS PER HSC / 10<sup>th</sup> Pass Certificate declared equivalent by BSE, Odisha):**

Write the name of your father exactly as in your 10<sup>th</sup> 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 (10 digit mobile number 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, 2013 will be held as per the scheduled date and time mentioned.
- ii. The medium of examination for candidates to be admitted in 1<sup>st</sup> Semester is English and Odia. The medium of Examination for candidates to be admitted in 3<sup>rd</sup> 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 Booklets to the candidates should be made 15 minutes before the commencement of the Examination for filling up of required information in the Question Book-let & OMR Answer sheet.
- vi. The candidates shall be asked to break open the seal of the question Booklets 5 minutes before the commencement of the Examination for checking the order of the question Booklets. 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- cum-Verification 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 set code

- of Question Booklet & OMR answer sheet, the application number and the Serial Number Question Booklet & OMR answer sheet which shall be verified by the invigilators.
- ix. No candidate will be allowed to leave the hall without surrendering his/ her OMR 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, 2013.
  - 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. All the eligible candidates will be awarded with a rank according to their merit.
  - C. **Selection for admission to Diploma Engineering Courses (for both first semester and lateral) will be on the basis of DET-2013 merit rank.** For candidates obtaining equal marks in DET-2013 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.
  - D. **Selection for Admission to Diploma Non-Engineering courses will be on the basis of DET-2013 merit Rank.** For candidates obtaining equal marks in DET-2013 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](http://www.detodisha.nic.in)
- Information regarding the **DET – 2013 Roll No.** and **Examination Center** may be sought or browsed from website : [www.detodisha.nic.in](http://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-2013**

- Result will be available on the Websites: [www.detodisha.nic.in](http://www.detodisha.nic.in)
- Rank card along with detail information of counseling will be despatched 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](http://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 2012-13. Admissions for 2013-14 shall be made according to approval of AICTE for 2013-14.
- Counseling shall be done for all seats of Govt. Engineering Schools / Polytechnics and Private Engineering Schools / Polytechnics.
- Admission to new Diploma Institutes will be made subject to AICTE approval during 2013-14 and admission will only be conducted through DET-2013 for the session 2013-14.
- 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 2012-13 are reflected below for the reference of the students.

Sl. No.	Name of the Course	Name of Institution / State	No of Seats
1.	Printing Technology	RIPT, Jadavpur, West Bengal	06
2.	Photography	RIPT, Jadavpur, West Bengal	03

**INTAKE CAPACITY OF GOVERNMENT ENGINEERING SCHOOLS/ POLYTECHNICS DURING 2012-13 (1<sup>st</sup> shift) Participated in counselling of DET-2012 excluding admission in Branches kept in abeyance during 2013-14**

SI No.	NAME OF THE INSTITUTION	YEAR OF ESTT	CIVIL	ELECTRICAL	MECHANICAL	Electronics & TeleCommunication	COMP. SCIENCE	INFORMATION TECHNOLOGY	OTHERS	NON-ENGINEERING	TOTAL	TUTION FEE WAIVER SCHEME
			<b>ENGINEERING</b>									
1	BHUBANANANDA ORISSA SCHOOL OF ENGG., CUTTACK	1923	80	80	80	40	40	20	Auto-40 AE&I-40		420	5% of sectioned intake (Super numerary seats) in each branch (both 1 <sup>st</sup> Semester & Lateral Entry) as per the provision of AICTE guidelines.
2	INDIRA GANDHI INSTITUTE 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			150	
7	UMA CHARAN PATNAIK ENGG. SCHOOL, BERHAMPUR	1956	60	60	60	60	60	40	Chem-40 Bio. Tech-40		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	250	
11	GOVT. POLYTECHNIC, BERHAMPUR	1995					40			HMCT-40	80	
12	GOVT. POLYTECHNIC, DHENKANAL	1986				20	40				60	
	<b>TOTAL</b>		<b>485</b>	<b>515</b>	<b>490</b>	<b>415</b>	<b>180</b>	<b>160</b>	<b>590</b>	<b>120</b>	<b>2955</b>	

**N.B.**

- No admission will be done under lateral entry in Arch. Asst. and all Non-Engineering courses.
- Duration of all courses is 3 years except Pharmacy which is 2 years duration.
- Male candidates shall be considered for admission in Government Polytechnics in branches of MOM and HMCT after the merit list of Women candidates is exhausted.

**INTAKE CAPACITY OF PRIVATE ENGINEERING SCHOOLS/ POLYTECHNICS DURING 2012-13 (1<sup>st</sup> shift)  
Participated in counselling of DET-2012**

SI No	Institute	Yr of Est.	CIVIL	ELECT	MECH	ETC	CSE	Others	Total	TFW
1	ADARSHA SCHOOL OF ENGG. & INTERNATIONAL POLYTECHNIC, ANGUL	2009	60	120	180	30	30	MIN 60	480	5% of sectioned intake (Super numerary seats) in each branch (both 1 <sup>st</sup> Semester & Lateral Entry) as per the provision of AICTE guidelines.
2	ARYAN INST. OF ENGG. & TECHNOLOGY POLY, SUNDARGRAM, CUTTACK	2008	120	120	120	30	30		420	
3	ASIAN SCHOOL OF TECH., BANTALA, MUKTAPUR, KHURDA	2009	90	60	90	60			300	
4	AUMSAI INSTITUTE OF TECHNICAL EDUCATION POLY, BERHAMPUR	2008	60	120	120	60			360	
5	B.I.T. POLYTECHNIC, BALASORE	2009	30	60	120	30	30		270	
6	BADRI PRASAD INST. OF TECHNOLOGY, DEBAIPALI, SAMBALPUR	2009	120	120	120	30			390	
7	BAJIROUT INST. OF ENGG. & TECH. (POLY), GOBINDPUR, DHENKANAL	2012	60	60	60	60	60		300	
8	BALAJI INST. OF TECH. & SCIENCE, KNOWLEDGE CENTRE, GUNUPUR	2009	120	60	120	60			360	
9	BALASORE SCHOOL OF ENGINEERING, BALASORE	1998	90	120	120	60	30		420	
10	BARAPADA SCHOOL OF ENGG. & TECH., BARAPADA, BHADRAK	1983	120	90	120	90	60	IT 30	510	
11	BARUNEI INST. OF ENGG. & TECH.POLY, KHURDA	2009	60	90	90	30	30		300	
12	BERHAMPUR SCHOOL OF ENGG. & TECHNOLOGY, DORA, BERHAMPUR	2004	90	120	90	90			390	
13	BHADRAK ENGG. SCHOOL & TECH., ASURALI, BHADRAK	2009	60	120	120	30	30		360	
14	BHARAT INST. OF ENGG. & TECH., SIVRAM VIHAR, BERHAMPUR	2009	60	60	60	60			240	
15	BHUBANESWAR POLYTECHNIC, JANALA, BHUBANESWAR	2007	60	90	120	30		AUTO 60 META 30	390	
16	BIJU PATNAIK INSTITUTE OF TECHNOLOGY, PHULBANI	2006	60	60	90	60	30		300	
17	BLACK DIAMOND SCHOOL OF ENGINEERING, BRAJRAJNAGAR	1996	120	120	120	90	30		480	
18	C.V. RAMAN POLYTECHNIC, BHUBANESWAR	2005	120	120	120	60	30		450	
19	CITY INST.OF TECHNICAL EDUCATION, KUANR MUNDA, ROURKELA	2009	60	90	90	60			300	
20	DHABALESWAR INSTITUTE OF POLYTECHNIC ATHAGARH	2006	90	120	120	60	30		420	
21	DIVINE INSTITUTE OF ENGG. & TECH., PODA ASTIA, BARIPADA	2009	60	60	60				180	
22	DRIEMS DHANESWAR RATH INST. OF ENGG. & MGMT. STUDIES, TANGI, CUTTACK	2003	120	120	120	60	30		450	
23	GANAPATI INST. OF ENGG. & TECH.POLY, JAGATPUR, CUTTACK	2009	90	90	120	60			360	
24	GANDHI POLYTECHNIC, GOLANTHARA, KONISI, BERHAMPUR	2009	120	90	120	60			390	



SI No	Institute	Yr of Est.	CIVIL	ELECT	MECH	ETC	CSE	Others	Total	TFW
25	GANDHI SCHOOL OF ENGINEERING, PURUSOTTAMPUR, BERHAMPUR	2008	60	120	120	60			360	5% of sectioned intake (Super numerary seats) in each branch (both 1 <sup>st</sup> Semester & Lateral Entry) as per the provision of AICTE guidelines.
26	GANESH INSTITUTE OF ENGG. & TECH. POLY, ANDHARUA, BBSR	2008	60	120	120	30	30	AUTO 30	390	
27	GURUKRUPA TECHNICAL SCHOOL, NARSINGHPUR, CUTTACK	2008	60	60	60	60	60		300	
28	GURUKULA ENGG. SCHOOL, JAMAJHARI, CHATABAR, BHUBANESWAR	2009	120	120	120				360	
29	HI-TECH. INSTITUTE OF ENGG. & MGMT., RANITAL, BHADRAK	2009	90	120	120	30			360	
30	HI-TECH. INSTITUTE OF INFORMATION & TECH., UMERI, JEYPORE	2007	60	60	60	45	30	AE&I 30	285	
31	HOLY INSTITUTE OF TECHNOLOGY, GOBINADPUR, GANJAM	2009	90	60	60	60	30		300	
32	IDEAL SCHOOL OF ENGG POLY, JHINKHARADA, KHURDA	2008	60	60	60	30			210	
33	INDUS SCHOOL OF ENGG., BARAKUDA, KHURDA	2009	60	60	60	60			240	
34	INSTITUTE OF ENGINEERING & MANAGEMENT, JEYPORE, KORAPUT	1993	90	90	100	60	30	CHEM 40	410	
35	JEYPORE SCHOOL OF ENGG. & TECHNOLOGY, RONDAPALLI, JEYPORE	2007	60	90	60	30			240	
36	JHADESWAR INST. OF ENGG. & TECH., CHHANPUR, BALASORE	2009	60	120	120	30			330	
37	KALAHANDI SCHOOL OF ENGG. & TECH. POLY, BHAWANIPATNA	2008	120	120	120	60	60		480	
38	KALAM INSTITUTE OF TECHNOLOGY POLY, BERHAMPUR	2008	120	120	120	60			420	
39	KALINGA INST. OF MINING ENGG. & TECH, CHHENDIPADA, ANGUL	1991	80	90	90	60	40	MIN 60	420	
40	KALINGA INST. OF ENGG. & TECHNOLOGY, FC PROJECT, JAJPUR	2009	30	120	120	30			300	
41	KALINGA NAGAR POLYTECHNIC, TARAPUR, JAJPUR	2009	30	120	120			META 30	300	
42	KALINGA POLYTECHNIC KIIT, BHUBANESWAR	1995	60	60	80	60	60	META 30	350	
43	KEONJHAR SCHOOL OF ENGINEERING, KEONJHAR	2009	60	90	120			META 60 MIN 60	390	
44	KOUSTAV SCHOOL OF ENGINEERING, PATIA, BHUBANESWAR	2006	120	120	120	60			420	
45	KRUPAJAL ENGINEERING SCHOOL, BHUBANESWAR	2004	60	120	120	90	30		420	
46	MAHALAXMI INSTITUTE OF TECH. & ENGG., MIRIGINI, RAJ NILAGIRI, BALASORE	2011	60	60	60				180	
47	MAHAMAYA INSTITUTE OF MEDICAL & TECH. SCIENCE POLY, NUAPADA	2008	90	60	60				210	
48	MAHARAJA POLYTECHNIC, TARABOIBEHIND BARUNEI HILL, BBSR	2009	60	120	120	60			360	

## Diploma Entrance Test - 2013

SI No	Institute	Yr of Est.	CIVIL	ELECT	MECH	ETC	CSE	Others	Total	TFW
49	MAYURBHANJ SCHOOL OF ENGINEERING, BARIPADA	1993	120	120	120	60		AUTO 30	450	5% of sectioned intake (Super numerary seats) in each branch (both 1 <sup>st</sup> Semester & Lateral Entry) as per the provision of AICTE guidelines.
50	MITS INSTITUTE OF POLYTECHNIC, RAYAGADA	2008	60	90	100	60			310	
51	MITS SCHOOL OF ENGINEERING, JANLA, BHUBANESWAR	2009	40	60	120				220	
52	NALANDA INSTITUTE OF TECHNOLOGY, CHANDAKA, BHUBANESWAR	2008	90	120	180	60			450	
53	NARAYANI INST. OF ENGG. & TECHNOLOGY, BANARPAL, ANGUL	2009	90	180	180	30			480	
54	NAYAGARH INSTITUTE OF ENGG. & TECHNOLOGY, NAYAGARH	2010	60	60	60	60			240	
55	NILACHAL POLYTECHNIC, BHUBANESWAR	1997	60	120	120	90	30		420	
56	NILASAILA INSTITUTE OF SCIENCE AND TECHNOLOGY, SERGARH, BALASORE	2012	60	60	60			*MOM 60	240	
57	ORISSA INSTITUTE OF ENGG. & TECHNOLOGY, DHENKANAL	2008	60	120	120	30	30	MLT 60	420	
58	ORISSA SCHOOL OF ENGINEERINGPOLY, BERHAMPUR	2009	30	60	60	30			180	
59	OXFORD SCHOOL OF POLYTECHNIC DIPLOMA, BALIANTA, BHUBANESWAR	2012	60	60	60	60		AUTO 60	300	
60	PABITRA MOHAN INSTITUTE OF TECHNOLOGY, TALCHER, ANGUL	2007	60	90	120	40	20	META 30 MIN 30	390	
61	PADMASHREE KRUTARTHA ACHARYA INST. OF ENGG. & TECH., BARAGARH	1994	60	90	120	80	40	META 60	450	
62	PATHANI SAMANTA INSTITUTE OF ENGG. & TECH. POLY, DHENKANAL	2008	60	120	120	30	30		360	
63	PNS SCHOOL OF ENGG. & TECH. MARSAGHAI, KENDRAPARA	2009	60	90	120	30	30		330	
64	PURI ENGINEERING SCHOOLPOLY, BALIGUALI, PURI	2008	60	90	90	60			300	
65	PURNA CHANDRA INST. OF ENGG. & TECHNOLOGY, CHHENDIPADA	2009	60	120	120			MIN 60	360	
66	PURUSOTTAM SCHOOL OF ENGG. & TECH. POLY, MANDIAKUDUR, ROURKELA	2008	75	120	120	30	30	META 30	405	
67	RAJA KISHORE CHANDRA ACADEMY OF TECHNOLOGY, NILAGIRI, BALASORE	2010	60	120	60	60			300	
68	RAMARANI INSTITUTE OF TECHNOLOGY, BALASORE	2009	120	120	120	30		AUTO 30	420	
69	RK INSTITUTE OF ENGG. & TECHNOLOGY, KANTAPADA, NIALI, CUTTACK	2010	40	60	120				220	
70	ROURKELA INSTITUTE OF TECHNOLOGY, KALUNGA, ROURKELA	1984	50	120	120	50	40	META 40	420	
71	SAMANTA CHANDRA SEKHAR INST.OF TECH. & MGT., SEMILIGUDA	2006	60	90	90	60	60		360	
72	SANJAY MEMORIAL INSTITUTE OF TECH., ANKUSPUR, BERHAMPUR	1982	90	90	120	90	30		420	

SI No	Institute	Yr of Est.	CIVIL	ELECT	MECH	ETC	CSE	Others	Total	TFW
73	SATYA SAI SCHOOL OF ENGG.DIPLOMA, BALASORE	2011	60	60	60	60			240	5% of sectioned intake (Super numerary seats) in each branch (both 1 <sup>st</sup> Semester & Lateral Entry) as per the provision of AICTE guidelines.
74	SIDDHARTHA INSTITUTE OF ENGG. & TECH.POLY, EKTAGUDA, KORAPUT	2008	60	60	90				210	
75	SRI POLYTECHNIC, KOMOND, ODAGAON, NAYAGARH	2008	60	120	120	30		AUTO 30	360	
76	SSB REGIONAL INST. OF SC. & TECH.POLY, CHITRADA, MAYURBHANJ	2009	60	120	120	60			360	
77	SUDDHANANDA RESIDENTIAL POLYTECHNIC, NACHHIPUR, CUTTACK	2008	60	90	90	30	30	AUTO 30 Arch. Asst. 30	360	
78	SUNDERGARH ENGINEERING SCHOOL, KIREI, SUNDERGARH	1997	90	90	90	60	60	META 30	420	
79	SUSHREE INSTITUTE OF TECHNICAL EDUCATION, BOLANGIR	2000	60	90	120	60	30	IT 30	390	
80	SWAMI VIVEKANANDA SCHOOL OF ENGG. & TECH.POLY, BBSR	2008	60	120	120	30	30		360	
81	UTKAL INSTITUTE OF ENGG. & TECHNOLOGY, RATHIPUR, KHURDA	2009	60	60	60	30			210	
82	VIKASH POLYTECHNIC, Bargarh	2012	60	60	60	60	60		300	
83	ZENITH INSTITUTE OF SCIENCE & TECHNOLOGY, JATANI, KHURDA	2010	60	60	120	30			270	
	<b>TOTAL</b>		<b>6075</b>	<b>7860</b>	<b>8590</b>	<b>3725</b>	<b>1370</b>	<b>1160</b>	<b>28780</b>	

**INTAKE CAPACITY (2<sup>nd</sup> Shift) OF PRIVATE ENGINEERING SCHOOLS/ POLYTECHNICS DURING 2012-13 Participated in counselling of DET-2012**

SI No	Institute	Yr of Est.	CIVIL	ELECT	MECH	ETC	CSE	Others	Total	TFW
1	BHUBANESWAR ENGINEERING COLLEGE BEC, GANGAPADA, BBSR (2 <sup>nd</sup> Shift)	2012	60		60				120	5% of sectioned intake (Super numerary seats) in each branch (both 1 <sup>st</sup> Semester & Lateral Entry) as per the provision of AICTE guidelines.
2	HI-TECH INSTITUTE OF TECHNOLOGY, INDUSTRIAL ESTATE, KHURDA (2 <sup>nd</sup> Shift)	2012	60		60				120	
3	OXFORD COLLEGE OF ENGINEERING & MANANGEMENT (2 <sup>nd</sup> shift)	2011			60				60	
4	TECHNO SCHOOL, PATRAPADA, BHUBANESWAR (2 <sup>nd</sup> Shift)	2012		60	60				120	
	<b>TOTAL</b>		<b>120</b>	<b>60</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>420</b>	
	<b>GRAND TOTAL</b>		<b>6195</b>	<b>7920</b>	<b>8830</b>	<b>3725</b>	<b>1370</b>	<b>1160</b>	<b>29200</b>	

**N.B. 1.** The sanctioned intake to be approved during 2013-14 along with the new institutes will be made available in our website before commencement of counseling.

\* MOM is a non-engineering branch

**Abbreviations used for Branch Names :**

**AE&I** – Applied Electronics & Instrumentation ; **Arch. Asst.** – Architecture Assistantship ; **Auto** – Automobile Engineering ; **Bio-Tech** – Biotechnology ; **Chem** – Chemical Engineering ; **IT** – Information Technology ; **Mecha** – Mechatronics ; **Meta** – Metallurgy ; **Min** – Mining ; **MOM**- Modern Office Management ; **Phar** – Pharmacy, **HMCT** – Hotel Management & Catering Technology ; **MLT** – Medical Laboratory 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 three criteria.

- i) The Candidate must have passed or appeared H.S.C/ 10<sup>th</sup> examinations declared equivalent by BSE, Odisha from any of the recognized institution in the State subsequently passed.
- ii) 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 Addl. Tahasildar of the area where his/her parents have permanent residence in **Form-V**.
- iii) 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 (Z – Domicile)**

Any candidate who does not satisfy any of the criteria for the ‘S’ Domicile will be treated as outside State Candidate (Z). 15% seats are reserved for “Z” candidates in 1<sup>st</sup> Semester of Private Polytechnics / Engineering Schools only.

**Odias living in outlying Odia speaking tracts (L – Domicile)**

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

**10.2 RESERVATION OF SEATS UNDER STATE DOMICILE:**

There are some seats as mentioned below reserved for SC / ST / GC / ES / PH / Women / SP / NC category wise as per Govt. directives from time to time.

1.	For SC	15%
2.	For ST	23%
3.	For GC	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 (except ‘Z’ & ‘L’)	30%
7.	The sports candidate representing the state during last two years	0.5%
8.	Candidate passing NC (A or B or C certificate examination)	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 except some seats at IGIT&ITT, OSME and 80% seats of Private Engineering Schools /Polytechnics with the provision of 5% intake to be filled up by NRIs.**
- 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-2013. 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-2013. 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) on the day of Counseling, then his / her case will not be taken into consideration under PH reservation.
- xiii. Candidate applying under **Z** category shall have to submit the original HSC / 10<sup>th</sup> standard certificate along with mark sheet of the institute located in their State which is declared equivalent by the Board of Secondary Education, Odisha, Cuttack and Resident Certificate of their State at the time of document verification.
- xiv. Candidates applying under **L** category shall have to submit original certificate in the prescribed **Form-III (Part-I & II)** at the time of document verification.
- xv. 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 represented the state in the sports events at the national level 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.

**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 NC reservation must submit original National Cadet Corps (NCC) A or B or C certificate from competent authority at the time of document verification.
- xvii. As per Resolution No.5267/ETET, dt.19.12.2012, 30% of the seats in all categories (except outside state and Odias living in outlying odia speaking tracts) will be kept reserved for women candidates in all Govt. & Private Diploma Co-Education institutes with effect from the academic session 2013-14.
- xviii. **The procedure of refund of fees will be as per AICTE guide lines / instructions issued by Govt. from time to time.**
- xix. **Admission under Tuition Fee Waiver (TFW) Scheme**
  - a) The scheme shall be applicable to all approved Diploma Institutions for Diploma programme and its Lateral Entry provision.
  - b) 5 % of the sanctioned 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.

- xx. 5% of seats within sanctioned intake is reserved for admission of sons and daughters of Non-Resident Indians (NRIs). In the event of non availability of candidates under NRI, the seats meant for them shall be filled up by the general candidates as per the AICTE guidelines issued in this regard.

**N.B. : In respect of any other matter relating to admission, the decision of the DET Committee 2013 shall be final.**

**10.3 FEE STRUCTURE**

**GOVERNMENT AND PRIVATE INSTITUTIONS:**

- i. (a) For 1<sup>st</sup> year, during the year 2012-13 the admission fee for Government Institutions & Textile Technology at ITT, Choudwar was ₹ 6590/- per year and for private Institutions & OTHER branches at ITT, Choudwar was ₹ 26500/- per year. Similarly for admission under Tuition Fee Waiver (TFW) scheme, fee for Govt. Institutions & Textile Technology at ITT, Choudwar & Private Institutions & OTHER branches at ITT, Choudwar was ₹ 3590/- per year and ₹ 6500/- per year respectively. Any changes/ modification of Fees for the year 2013-14, if made, to the existing Fee Structure, then it will be informed to all concerned in time.
  - (b) For 2<sup>nd</sup>/3<sup>rd</sup> year, the admission fee shall be collected at the institute level by deducting the caution money and student welfare fee as fixed in 1<sup>st</sup> year.
- 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 10<sup>th</sup> pass/ HSC or its equivalent 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.

**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., UCPEs Berhampur, J.E.S. Jharsuguda, O.S.M.E, Keonjhar, ITT, Choudwar, IGIT, Sarang, UGMIT, Rayagada. 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, 2013 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 category.
- 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-2013 results in the following manner.
  - a. One "General Merit List" for all Women candidates excluding "L" domicile 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 and HMCT after exhausting the merit list of Women candidates shall be filled up from general Merit List of Male candidates.

**b) Z- Domicile:**

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

**c) L- Domicile:**

Separate merit list will be drawn for "L" domicile candidates for admission to seats reserved for them. However they will also be included in the merit list of "Z" domicile candidates. They are not eligible for admission to 3<sup>rd</sup> 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 1<sup>st</sup> year. However, such change of branch may be allowed by the Principal of a particular institution in the 3<sup>rd</sup> semester after duly notifying the vacancies. Change may be allowed as per the mark in the 1<sup>st</sup> 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 3<sup>rd</sup> / 5<sup>th</sup> 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**

**11.1 ORIGINAL DOCUMENTS TO BE BROUGHT ON THE DAY OF REPORTING AT THE NODAL CENTRE for COUNSELLING (NCC):**  
(Refer other important information also)

Applicants shall have to report **personally** with the 'ADMIT CARD and 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 NCC.

- i. Pass certificate of High School Certificate (HSC) examination awarded by BSE, Odisha /10<sup>th</sup> standard examination certificate declared equivalent by BSE, Odisha in support of qualifying examination.
- ii. Mark sheet of HSC examination awarded by BSE, Odisha/10<sup>th</sup> standard examination declared equivalent by BSE, Odisha securing minimum

marks as per the eligibility criteria. (Refer Chapter-3).

- iii. Caste Certificate (SC/ST) from competent authority issued in the proforma in **Form-I** / the prescribed format of the competent authority not earlier than January 2012.
- iv. 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).
- v. NC certificate (A, B or C) from appropriate authority (in case of candidates claiming reservation under NC)
- vi. Green Card of parent issued by concerned CDMO (in case of candidates claiming seats under Green Card category).
- vii. Certificate in **Form-II** from the competent authority for reservation under Ex-Servicemen quota.
- viii. **Z** candidates have to produce the following certificates :
  - a) Residential Certificate from the Competent authority of their State.
  - b) Mark sheet of HSC examination /10<sup>th</sup> standard examination of the institute located in their State, declared equivalent by BSE, Odisha securing minimum marks as per the eligibility criteria. (Refer Chapter-3).
- ix. **L** candidates have to produce the following certificates :
  - a) Residential Certificate from the Revenue Officer not below the Rank of Tahasildar that he/she belongs to outlying Oriya speaking tracts in **Form-III (Part-I)**.
  - b) Mark sheet of M.E. or H.S.C examination in support of having Oriya as a subject at M.E. or H.S.C examination in **Form-III (Part-II)**.
- x. Employers' certificate in Form-IV as applicable.
- xi. 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.
- xii. Physically Handicapped certificate from CDMO along with identity card issued by District Social

Welfare Office (DSWO) and fitness certificate from CDMO for prosecuting study in courses offered in Engineering Schools / Polytechnics.

- xiii. ITI pass / +2 Science (PCM) / +2 Vocational pass certificate & mark sheet issued by SCTE&VT, Odisha/ CHSE/ 12<sup>h</sup> standard examination declared equivalent by CHSE, Odisha respectively.
- xiv. Annual Income Certificate as appended in **Form-VIII / in the format** from the competent authority in case of candidate claiming seats under TFW category not earlier than April 2013
- xv. 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**.

#### 11.2 ORIGINAL DOCUMENTS TO BE SUBMITTED ON THE DAY OF REPORTING AT THE FINALLY ALLOTTED INSTITUTE.

- (i) Final downloaded Seat Allotment Letter from the website.
- (ii) Fee deposit slip (institute copy) in respect of seat allotment.
- (iii) Conduct Certificate and SLC / CLC from the institution last studied.
- (iv) Recent passport size photographs duly attested.
- (v) Migration Certificate in case of candidates passing 10<sup>th</sup> standard examination from any Board other than Board of Secondary Education, Odisha .

**11.3 All original certificates are subject to verification by issuing authorities. The candidate should be very careful in submitting the certificates during counseling. The head of the Institutes are being instructed to get all documents verified within Six (06) months, failing which the candidates will not be allowed to continue in 3<sup>rd</sup> / 5<sup>th</sup> Semester / 2<sup>nd</sup> year.**



**APPENDIX – I****SYLLABI FOR DET-2013 FOR ADMISSION INTO 1<sup>ST</sup> SEMESTER OF THE DIPLOMA COURSE**

The syllabi given hereunder for DET-2013 are only illustrative and not exhaustive. The syllabi are in line with courses of studies in Mathematics & Science (Physics & Chemistry) for H.S.C. Examination, 2013 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 charges, masses & properties, atomic number, mass number, Atomic models, 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, Oxidants, reductants, 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, ion exchange 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.

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

The syllabi given hereunder for DET-2013 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. UNITS AND DIMENSIONS, SCALARS & VECTORS**

Dimension and dimensional formula of physical quantities, vector addition & subtraction, Triangle law and parallelogram law of vector addition, Resolution of vector, Simple Numerical problems

**2. LINEAR & CURVILINEAR MOTION:**

Equation of motion along a straight line, Projectile Motion, Simple numerical problems on projectile motion. Kinetic Energy and Potential Energy. Work-Energy theorem & application to simple numerical problems, uniform circular motion, angular displacement, angular velocity and acceleration, centripetal and centrifugal forces, banking of roads, bending of cyclist.

**3. 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, 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. 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, the effects of temperature, pressure and humidity on velocity of

sound, Doppler's effect, Acoustics of building, Echo.

**5. HEAT AND THERMODYNAMICS**

Different units of heat, specific heat, thermal capacity, water equivalent and latent heat. Numerical problems on principle of calorimetry, Relationship between Coefficient of Linear, Superficial and Cubical expansion of Solids, Relation between Coefficient of real and apparent expansion of liquids, relation between  $C_p$  and  $C_v$ , thermal conductivity and its units, mechanical equivalent of heat.

**6. OPTICS**

Reflection, Refraction, Laws of Reflection and Refraction, Critical Angle, Total Internal Reflection, relation between Refractive Index and Critical angle. mirror and lens formula Simple Numerical problem. power of mirror, Lens and its unit.

**7. MAGNETISM**

Coulomb's law in Magnetism, unit Pole, Magnetic field Intensity. magnetic line of force, Magnetic flux, Flux density, magnetic moment of bar magnet.

**8. ELECTROSTATICS**

Coulomb's law in Electrostatics, Define unit charge. Electric field intensity and Electric Potential, capacity of a conductor and capacitor. capacity of a parallel plate capacitor and the effect of dielectric on the capacitance of the capacitor. Problems on Grouping of capacitors in series and parallel.

**9. CURRENT ELECTRICITY**

Electric Current, 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.

**10. MAGNETIC EFFECT OF CURRENT**

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

**11. ELECTROMAGNETIC INDUCTION**

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

**12. NUCLEAR AND MODERN PHYSICS**

Define Atomic Number, Mass Number, Mass Defect and Binding Energy, Nuclear fission and Nuclear fusion, Application of nuclear fission & nuclear fusion. LASER : Properties and application. the properties & uses of Alpha, Beta and Gamma rays.

**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 Acids, Bases and salts. PH of a solution, its application, Buffer solution and its application.
- 1.5 Definition of Electrolyte, electrolytic cell, Faraday's 1<sup>st</sup> law and 2<sup>nd</sup> 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, refining.
- 2.2 Composition and uses of Brass, Bronze, Bell metal.

#### **Chapter-3 (Organic Chemistry)**

- 3.1 Difference between saturated hydrocarbon 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 lubricants and their uses.
- 4.3 Definition and classification of fuel, calorific value of fuel, petroleum products, producer gas, water gas.
- 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, ozone layer depletion.

#### **MATHEMATICS (50 Nos.)**

##### **1. ALGEBRA**

1. Complex Numbers ; 2. Binomial Theorem

3. Determinant ; 4. Matrices ; 5. Partial Fraction

##### **2. TRIGONOMETRY**

Trigonometric ratios, Trigonometric equation 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 2<sup>nd</sup> 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-2013 FOR ADMISSION INTO NON-ENGINEERING DIPLOMA COURSE**

The syllabi given hereunder for DET-2013 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 10<sup>th</sup> 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 (25 NOS.)**

##### **A. PHYSICS:**

1. **Motion:** Uniform and non uniform motion,

distance and displacement, velocity and acceleration

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

**B. CHEMISTRY:**

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

- Cell and Cell Structure:-** Cell structure difference between prokaryotic and eukaryotic cells. Function of cell organ less (brief account).
- 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.
- Nutrition:-** Mode of nutrition, autotrophic, heterotrophic, photosynthesis(main steps) factors affecting photosynthesis.
- 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)
- 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.)**

- Number System:** Natural numbers, Integers, Rational numbers, Real numbers as union of rational and irrationals, Axioms on operations on real numbers
- Logarithms:** Definition, laws of logarithm, common logarithm, characteristics, Mantissa, Antilogarithm, Tables of logarithm and antilogarithm.
- Ratio, Proportion & Variation:** Definition, continued proportions, direct variation, inverse variation & joint variation.
- 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
- 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.
- Statistics:** Data, Frequency distribution, Erupted frequency distribution measures of Central tendency (Mean, median & mode)

**APPENDIX – II**

**MODEL QUESTIONS FOR DET – 2013 FOR ADMISSION INTO 1<sup>ST</sup> SEMESTER DIPLOMA COURSE**

**MATHEMATICS**

- 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)**

- 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
- 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/  
 +2 VOCATIONAL PASS OUT STUDENTS**

**MATHEMATICS**

- 1) Solution of the differential equation  $\frac{dy}{dx} = x \sin x$  is dx  
 (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 – 2013 FOR  
 ADMISSION INTO NON-ENGINEERING DIPLOMA  
 COURSE**

**ENGLISH**

- A)** Fill in the blanks with appropriate choice from the list given below:-
- He \_\_\_\_\_ play chess while he was in school.  
 a) might, b) would,  
 c) could, d) should, e) none.
  - 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.**

- 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.
  - A house wife works for \_\_\_\_\_ hours per week.  
 a) 46, b) 5  
 c) 76, d) 2, e) none
  - 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.
- The boy is learning against the wall.  
 a) on, b) at,  
 c) in, d) none.
  - It is 7 O'clock in my watch  
 a) at, b) by,  
 c) with, d) none.
  - Neither the cock nor the hens is in the yard.  
 a) has, b) were,  
 c) was, d) had, e) none.
  - Time and tide wait for none.  
 a) had waited, b) waits,  
 c) waited, d) had waited,  
 e) none.

**MATHEMATICS**

- 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).
- Valency of aluminium is  
 (A) +1, (B) -1, (C) -3, (D) +3
- Unit of resistance is  
 (A) Volt, (B) Ampere,  
 (C) Ohm, (D) Ohm-meter
- Power House of the Cell is  
 (A) Lysosome, (B) Nucleus,  
 (C) Mitochondria, (D) Ribosome.

•••••





FORM - I

**SC/ST BY BIRTH' CERTIFICATE FOR DET - 2013**

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 mutilation 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 Defence Service
6. Full name of the candidate
7. Relationship of the employee/person with the candidate
8. Last place of posting including details of unit  
(In case of Ex-servicemen)
9. Awards received if any
10. Priority (Refer Chapter-11.2)  
(As per D.O. No.3547 AS(R) 94, dt.03.06.1994 issued by Ministry of Defence, Govt. of India)

Secretary  
Zilla/ Rajya Sainik Board

Full Signature of

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



FORM – III

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

**(Part-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 a permanent resident of the outlying Odia speaking tract as defined in Resolution No. 13411  
 Gen. Dated 8<sup>th</sup> 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 ODIAS M.I.L. IN THE H.S.C. OR EQUIVALENT  
EXAMINATION FOR ODIAS BELONGING TO OUTLYING ODIAS SPEAKING TRACT  
[L CATEGORY]**

**(Part-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

FORM – IV

**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. 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 should be signed by the original Employer.

Form-V

**'PERMANENT RESIDENT OF ODISHA' CERTIFICATE FOR DET – 2013**

Office of the .....

Miscellaneous Certificate Case No..... of 2013.

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-2013 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.

Form-VI  
(ONLY FOR CANDIDATES OF HOTEL MANAGEMENT & CATERING TECHNOLOGY)

**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 skin 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 :

Form-VII

**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 are 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

Form-VIII

**CERTIFICATE OF ANNUAL INCOME OF PARENT / FINANCING GUARDIAN**

Office of the \_\_\_\_\_

Miscellaneous Certificate Case No. \_\_\_\_\_ of 2013

**INCOME CERTIFICATE**

This is to certify that Shri/Smt/Miss \_\_\_\_\_ son/daughter/  
wife of Shri \_\_\_\_\_ of Village/  
Town \_\_\_\_\_ P.S: \_\_\_\_\_ Tahasil \_\_\_\_\_ in the  
district of \_\_\_\_\_ in the state of Odisha has an Annual Income of Rs. \_\_\_\_\_  
(Rupees \_\_\_\_\_) from the sources specified below.

**Source**

**Annual Income**  
Rs

Agriculture lands

Salaries

Any Other Source(s) (to be specified)

2. This certificate is being granted only for the purpose of \_\_\_\_\_

Signature of the Revenue Officer

Signature of the applicant









Date \_\_\_\_\_

Designation (with seal of office)

# INFORMATION AT A GLANCE

## DIPLOMA ENTRANCE TEST – 2013

### (DET – 2013)

Sale of Application Forms OFFLINE /Submission of Application Form ONLINE		28.01.2013 (10.00 AM) to 15.03.2013 (05.00 PM)
Receipt of Filled in application Forms OFFLINE at Sale cum Receipt Counters and deposit of Online application form fee		28.01.2013 (10.00 AM) to 16.03.2013 (05.00 PM)
Receipt of filled in offline form by Post at BOSE, Cuttack		28.01.2013 (10.00 AM) to 20.03.2013 (05.00 PM)
Availability of DET - 2013 Roll No. and Centre list in website: <a href="http://www.detodisha.nic.in">www.detodisha.nic.in</a>		20-04-2013
Date of Entrance Test		05-05-2013 1 <sup>st</sup> sitting: 10.00 AM-12.30 PM 2 <sup>nd</sup> sitting: 02.00 PM-04.30 PM
Publication of DET Result in website: <a href="http://www.detodisha.nic.in">www.detodisha.nic.in</a>		15.05.2013 (Non-Engg./ Lat) 20.05.2013 (Diploma Engg.)
Tentative date for start of counseling		05.06.2013 (Lateral) 24.05.2013 (Diploma Engg.)
Commencement of 1 <sup>st</sup> semester/ year classes		01.08.2013.

### IMPORTANT

The candidates are advised to remember/keep the Application Form Number printed over the OMR Application form (Off-line) and the Application number generated by Computer (On-line). The user ID along with Password provided to him/her shall be kept in safe custody for future correspondence, if any.



## Chairman, Diploma Entrance Test (DET) 2013,

Directorate of Technical Education & Training, Odisha  
Kilamaldan, Buxibazar, Cuttack-753001

Tele Fax: 0674-2309855 / Fax : 0674-230961

Website : [www.dteorissa.gov.in](http://www.dteorissa.gov.in) / [www.dteodisha.nic.in](http://www.dteodisha.nic.in)

Email : [2013dteodisha@gmail.com](mailto:2013dteodisha@gmail.com)

DET Call Centre : 0674-2416007/2416008/2416009/2416010