



# INFORMATION BROCHURE WSCEE 2023 (SPRING INTAKE)



**WORLD SKILL CENTER  
BHUBANESWAR**

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# GLOSSARY

WSC	World Skill Center
ITE	Institute of Technical Education
ITI	Industrial Training Institute
WSCEE	World Skill Center Entrance Examination
SC	Scheduled Castes
ST	Scheduled Tribes
PwD	Persons with Disability
AITT	All India Trade Tests
HSC	High School Certificate
BSE	Board of Secondary Education
B.TECH	Bachelor in Technology
M.TECH	Master of Technology
SoE	School of Engineering
SoS	School of Services
MCE	Mechatronics
ACR	Air Conditioning and Refrigeration
MES	Mechanical Electrical Services
ET	Electrical Technology
B&W	Beauty Wellness and Spa
HFD	Hair Fashion and Design

## ABOUT WORLD SKILL CENTER

The World Skill Center (WSC) is a premier advanced skill training institute established by the Government of Odisha, Skill Development and Technical Education Department, through the Odisha Skill Development Authority (OSDA).

Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha, inaugurated the WSC on 5th March 2021. The project of establishing the WSC (Odisha Skill Development Project), is assisted by the Asian Development Bank (ADB) with Institute of Technical Education Services (ITEES), Singapore as the knowledge partner.

The WSC will impart advanced skill training in eight trades from engineering and service sectors. WSC caters primarily to induct the best talent from ITIs and Polytechnics and train them to become globally employable in emerging areas such as "Industry 4.0"



WSC is India's first institute of its kind that imparts advanced skills and prepares youth for global employment. World Skill Center (WSC), the nation's first, is an 18-story building newly renovated in Bhubaneswar.

It is a major milestone in developing 'Skilled-in-Odisha' as a global brand since there has been nothing like it in India so far. A state-of-the-art facility spanning half a million square feet, WSC offers advanced skill training in the manufacturing and service sectors. WSC is well equipped with laboratories and advanced equipment. The curriculum at WSC is adopted from ITE Singapore.

This year admissions are open for the 3<sup>rd</sup> batch of WSC with 840 seats in 06 different courses.

## WHAT IS INFORMATION BROCHURE WSCEE 2023?

The **Information Brochure-WSCEE 2023** is a complete document containing all the details related to the examination, admission, student reservation, intake capacity, Courses, fee structure, eligibility etc. for admission into World skill center, Bhubaneswar. **WSCEE** stands for **World Skill Center Entrance Examination**. The students are advised to go through this brochure for any information regarding the admission procedure.

## IMPORTANT DATELINES

Sl.	Event	Date
1	Notification in Website/Newspaper	1 <sup>st</sup> Dec. 2022
2	Start of Online Application	1 <sup>st</sup> Dec. 2022
3	Last date of Online Application	15 <sup>th</sup> Jan 2023
4	Admit Card Download Start date	4 <sup>th</sup> Week-Jan 2023
5	Date of Entrance Exam	1 <sup>st</sup> Week-Feb 2023
6	Declaration of result	2 <sup>nd</sup> Week-Feb 2023
7	Start of counselling & Admission process	3 <sup>rd</sup> Week-Feb 2023
8	Orientation	2 <sup>nd</sup> Week-March 2023
9	Commencement of Classes	13 <sup>th</sup> March 2023

**Note:** WSC also may change the above mentioned datelines in case of any exigency arising due to any unavoidable circumstances.

## AVAILABILITY OF SEATS IN VARIOUS COURSES

For the academic session 2023-24, this time WSC will enrol students for two intakes. One is Spring intake and another one is Autumn intake. These are regular courses under School of Engineering (SoE) and School of Services (SoS).

Course Name (School of Engineering)	Course Duration	No of Seats
Facility Technology- Air Conditioning & Refrigeration (ACR)	1 Year	120
Facility Technology- Mechanical & Electrical Services (MES)	1 Year	160
Mechatronics (MCE)	1 Year	160
Electrical Technology (ET)	1 Year	160
Course Name (School of Services)	Course Duration	No of Seats
Beauty wellness & Spa(BWS)	1 Year	120
Hair fashion and Design(HFD)	1 Year	120

## CERTIFICATE

- ❖ All the courses will be certified by World Skill Center.
- ❖ Students will be awarded with ITEES Skill Qualification (ISQ) Technical Advanced Certificate.

## EXPOSURE

- ❖ Selected students may be provided 2 week exposure visit to ITE Singapore.
- ❖ Top students may be provided 6 month overseas internship in reputed companies.

## ACADEMIC CALENDAR

The classes for the 3<sup>rd</sup> batch (March intake 2023-24) for WSC will tentatively start on 13<sup>th</sup> March 2023. However, the exact date for the commencement of class depends upon COVID situation and the guidelines issued by Govt. of Odisha from time to time. The duration of each of the course is **52 weeks**. The course is divided into 2 semesters as follows.

Semester 1	Vacation	Semester 2	Vacation
<ul style="list-style-type: none"><li>• Week 1 to Week 24</li><li>• Monday-Saturday(6 days)</li><li>• 2<sup>nd</sup> &amp; 4<sup>th</sup> Saturday School Break</li><li>• 8 hours/Day Class</li><li>• 1 Hour Lunch Break</li></ul>	Week 25&26	<ul style="list-style-type: none"><li>• Week 27 to Week 50</li><li>• Monday-Saturday(6 days)</li><li>• 2<sup>nd</sup> &amp; 4<sup>th</sup> Saturday School Break</li><li>• 8 hours/Day Class</li><li>• 1 Hour Lunch Break</li></ul>	Week 51&52

- The **Govt. Of Odisha** Calendar will be followed by all the Students & Staff of WSC

## MODE OF INTAKE

- The selection of students for admission into **04 trades** under **School of Engineering (SoE)** at WSC will be based on a Common Entrance Test named as **WSC Entrance Examination (WSCEE)**.
- The selection of students for admission into **02 courses** under **School of Services (SoS)** at WSC will be based on a competitive exam named as **WSC Entrance Examination (WSCEE-2023) followed by Interview and medical test.**
- WSCEE - 2023 will be a Center Based examination.

- Candidates desirous of taking admission in the courses will have to apply for WSCEE – 2023 through “Online” mode only in the World skill Center website i.e www.worldskillcenter.org. Candidates are advised to carefully go through this Information Brochure. The Information Brochure contains all the important information relating to WSCEE 2023 including instructions for filling online application, important dates and notes for applicants, categories and reservations, eligibility criteria, subjects, syllabus, hostel facility etc.
- The qualifying candidates will be called for a Physical counselling session for exercising their option for admission into a particular course after visiting the facilities and discussing with our counsellors/trainers.

## RESERVATIONS

Categories of reservation and their percentage are mentioned below.

- Scheduled Castes (SC)-**15%**
- Scheduled Tribes (ST)-**23%**
- Persons with Disabilities (PwD)-**4%** (Horizontal reservation across the Category)
- Women- **30%** (Horizontal reservation across the Category)
- Toppers/Winners of Odisha skills/India skills/ AITT competition -**5 %** (Horizontal reservation across the Category)

### Note:

1. After the completion of 1<sup>st</sup> round of counseling if seats lie vacant in the reserved categories then they will be merged with the open category seats.
2. Persons with more than 40% of any disability as certified by a competent Certifying Authority appointed under Section 57(1) of “Rights of Persons with Disabilities Act, 2016” irrespective of nature of disability, shall be eligible for reservation.
3. Students claiming reservation of any kind must submit the permanent residence proof. **(Form I)**

## FEE STRUCTURE

- The course fee for 12 months advanced skill Development course is **INR 20,000** only.
- The amount will be paid by the students in two installments (**INR 10,000** at the time of admission and remaining **INR 10,000** before commencement of 2<sup>nd</sup> semester).

SL. No	Course Name (School of Engineering)	Course Duration	Course Fees	Hostel Fees	Mess Fees
1	FT- Air Conditioning & Refrigeration (ACR)	1 Yr	Rs. 20, 000	NIL	NIL
2	FT- Mechanical & Electrical Services (MES)	1 Yr	Rs 20, 000	NIL	NIL
3	Mechatronics (MCE)	1 Yr	Rs 20, 000	NIL	NIL
4	Electrical Engineering (ET)	1 Yr	Rs 20, 000	NIL	NIL

SL. No	Course Name (School of Services)	Course Duration	Course Fees	Hostel Fees	Mess Fees
1	Beauty Wellness and spa(BWS)	1 Yr	Rs. 20, 000	NIL	NIL
2	Hair Fashion and Design(HFD)	1 Yr	Rs. 20, 000	NIL	NIL

## STUDENT UNIFORM

1. Uniforms will be provided in free of cost.
2. Students will be provided with the following WSC uniforms
  - a) 02 Nos. of Formal Shirts
  - b) 02 Nos. of Formal Trousers
  - c) 01 Outer coat
  - d) 01 Casual T-shirt
  - e) 01 pair of training shoes
  - f) 01 set of Physical Education Uniform

## HOSTEL FACILITY

- Separate hostels for Boys and Girls are available.
- WSC shall bear full cost of boarding and mess charges for the students.
- The hostel facility is compulsory for all the students i.e students are not allowed to stay outside. The students have to follow the Rules & Regulations of the hostel.
- Free Transportation facility will be provided to the hostel boarders for to and fro movement to WSC.

# ELIGIBILITY CRITERIA

## ACADEMIC QUALIFICATION

- A Student who has completed ITI/Diploma in Engineering/Technology is eligible for School of Engineering courses.
- Similarly, Students who have completed +2/Diploma in any discipline are eligible for School of Services courses.

## AGE LIMIT

- The upper age limit for applying to **School of Engineering** course is **25 Yrs.** as on 01.08.2022.
- Similarly, for applying to **School of services** course the upper age limit is **30 Yrs.** As on 01.08.2022

## DOMICILE CRITERIA

- For this year, only students having permanent residence in Odisha are eligible.
- S- Domicile Criteria:

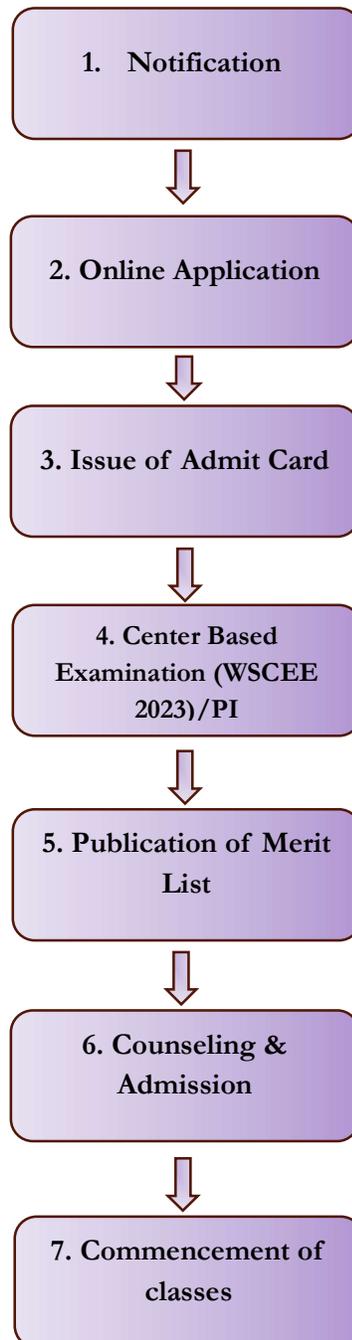
A student will be treated as permanent resident of Odisha if he/ she satisfies at least one of the following criteria.

- a. The Candidate must have passed H.S.C/ 10th examination declared equivalent by BSE, Odisha from any of the recognized institution in the State.
- b. Parents of the candidate must be permanent residents 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 I**.
- c. 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 are also included under the category. 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-III**.
- d. The reservation facility will be made available to the children / wards of All India Civil Service Officers serving in the State at par with the natives of

Odisha except the reservations being extended to ST and SC categories so far as admission to Professional / Technical Institutions in the State is concerned.

**N.B: A candidate coming under 'S' domicile, but not permanent resident of Odisha is not eligible to claim reservation. However, the children/ ward of all India Civil Service Officers serving in the State can avail the reservation in all categories except ST&SC.**

## WSC STEPWISE ADMISSION PROCESS:



## 1. NOTIFICATION

The notification is available in WSC website [www.worldskillcenter.org](http://www.worldskillcenter.org)

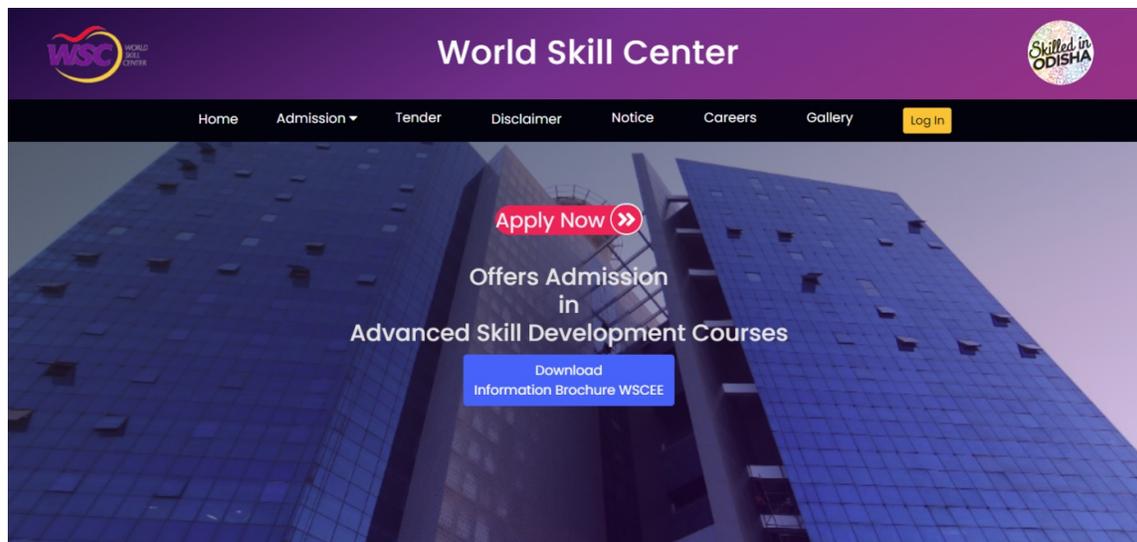
## 2. PROCESS OF FILLING-UP THE APPLICATION FORM

1. The students must have a valid mail ID for filling the application form.
2. All the future communications with the student will be made to this mail ID.
3. Facility of submission of application form will be ceased at 6:00 PM on the last day of filling up online-application form submission. Hence, in order to avoid last minute rush, candidates are advised to complete the process well before the deadline.
4. Any dispute arising out of WSCEE 2023 shall only be settled and decided under the jurisdiction of Hon'ble High court of Odisha.
5. The students are required to apply only ONLINE as per the procedure detailed below.

### **Stepwise procedure to fill the Online Application Form**

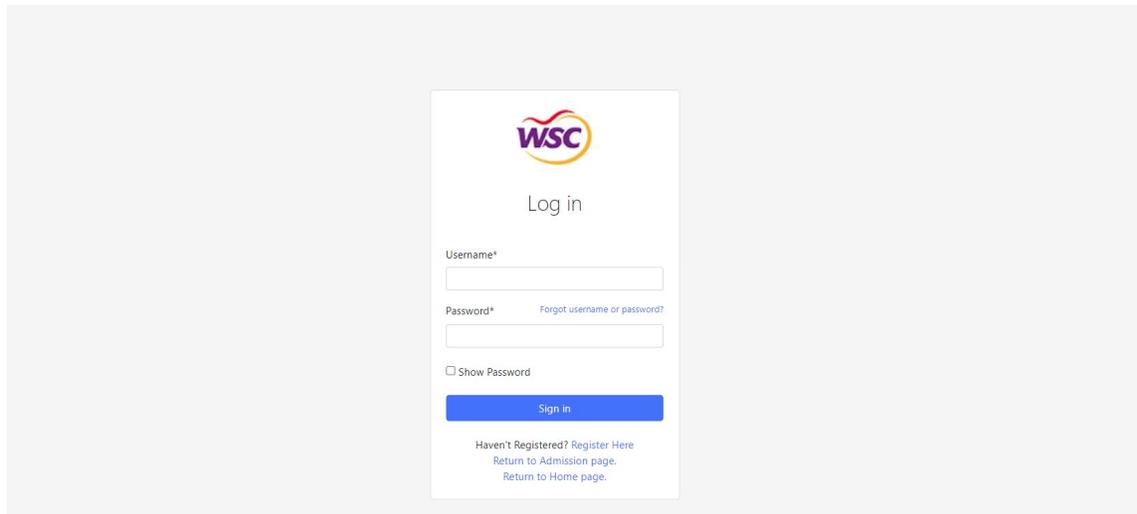
**Step 1:** Copy the link- [www.worldskillcenter.org/admissions](http://www.worldskillcenter.org/admissions) and paste it in your browser or you can visit directly visit WSC website [www.worldskillcenter.org](http://www.worldskillcenter.org) and click on 'Admission' Tab. In the admission menu select **Long Term courses**.

The following page will open and appear on your screen.

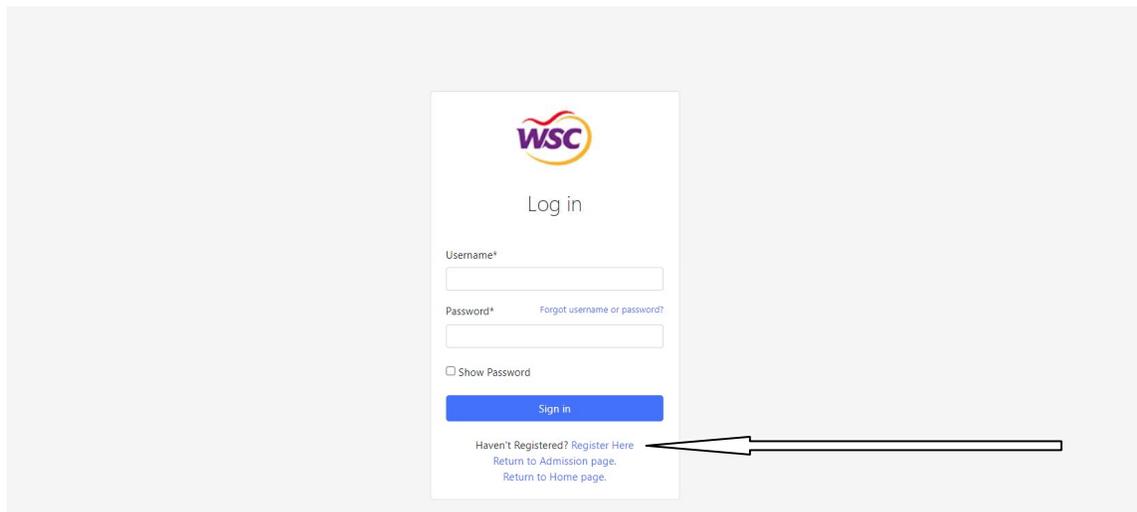


**Step 2:** Click on the tab- **Apply Now**

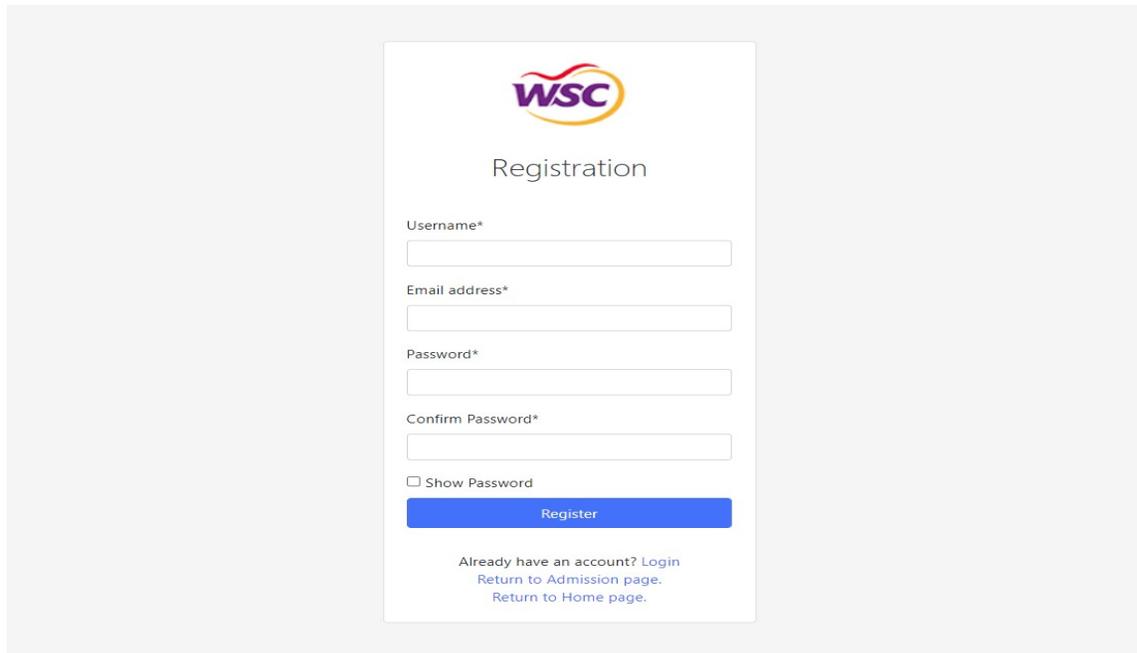
**Step 3:** The following page will appear on the screen once you click on **Apply Now**



**Step 4:** Click on [Register here](#) as shown below.



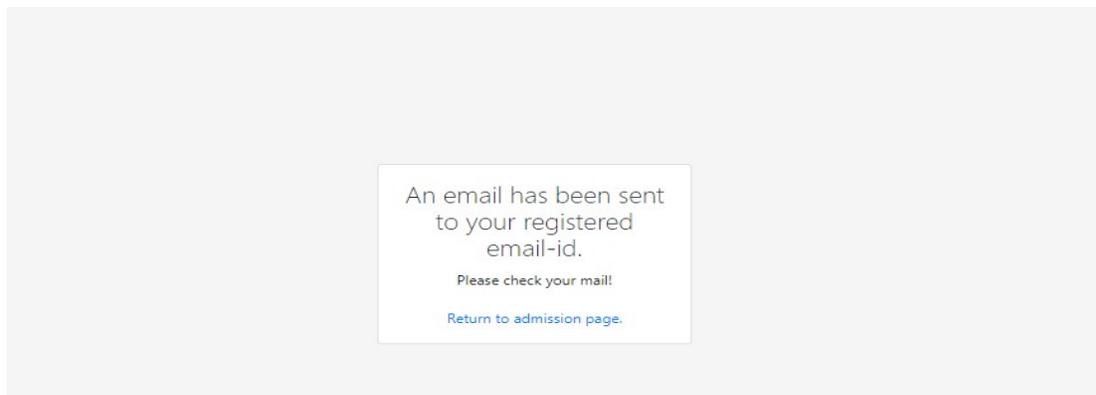
**Step 5:** The following page will appear on the screen. Enter your Username, Mail ID & Password, Confirm the password.



The image shows a registration form for WSC. At the top is the WSC logo, which consists of the letters 'WSC' in a stylized font with a red and yellow swoosh underneath. Below the logo is the word 'Registration'. The form contains the following fields and elements:

- Username\***: A text input field.
- Email address\***: A text input field.
- Password\***: A text input field.
- Confirm Password\***: A text input field.
- Show Password: A checkbox.
- Register**: A blue button.
- Below the button, there are three links: [Already have an account? Login](#), [Return to Admission page.](#), and [Return to Home page.](#)

**Step 6:** Click on the Register tab and the following message will appear on the screen.



**Step 7:** Login to your mail ID. You will get a link the verification link as shown below. Click on the verification Link to complete the registration process.

## Email Verification

Inbox X



admission.wsc@gmail.com

to me

15:02 (2 minutes ago)



Reply



The email verification link is attached hereby. Please click on the link <http://admission-wsc.cetcoeai.co.in/verify/45e1be71-f156-40f1-9ad2-16fcbdd07a8a> in order to activate your WSC account.

Reply

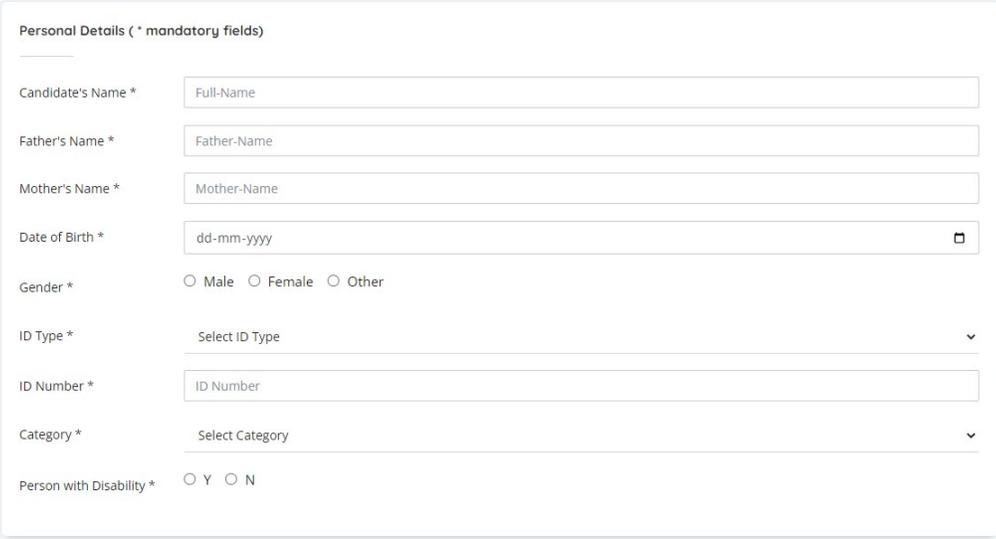
Forward

**Step 8:** Once you click on the verification link the following message will appear on the screen. Enter your registered mail ID & password to login.

**Step 9:** After successful registration a page will open as shown below in which you have to choose course. Select the Long Term Course (1 year advanced skill development course) from the drop down menu.

**Step 10:**

The same page will have a section named as “**Personal Details**”. Fill all the details correctly. Your name, father’s name, Mother’s name, date of birth should be as per your matriculation certificate.



**Personal Details ( \* mandatory fields)**

Candidate's Name \*

Father's Name \*

Mother's Name \*

Date of Birth \*

Gender \*  Male  Female  Other

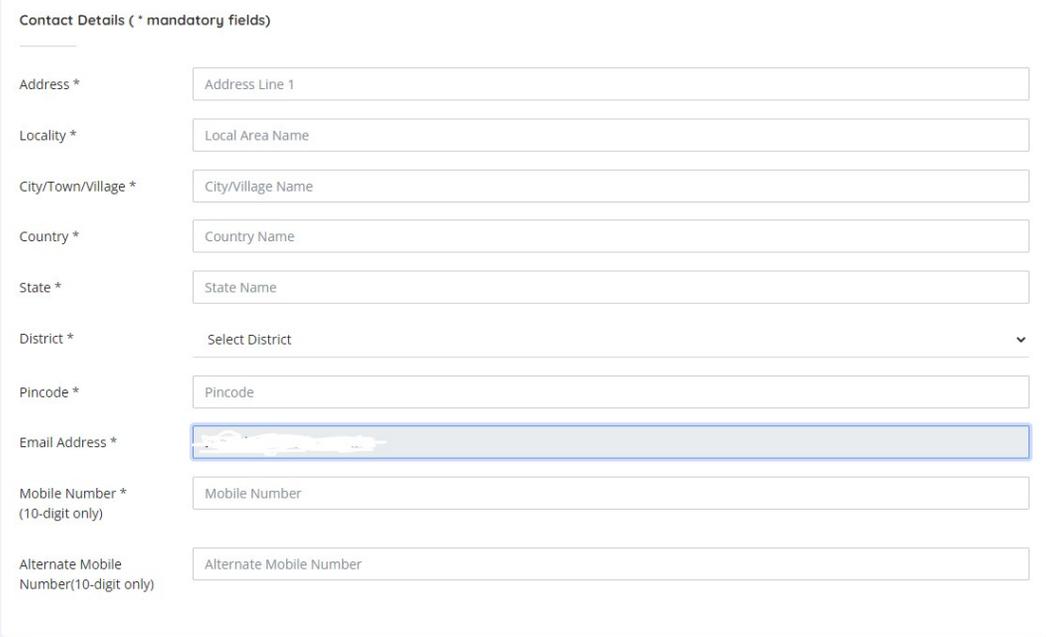
ID Type \*

ID Number \*

Category \*

Person with Disability \*  Y  N

**Step 11:**The same page will have a section named as “**Contact details**” in which you have to fill your permanent address along with mobile number. Fill up your permanent mobile number as all correspondence from WSC will be done through that number only. It’s desirable to provide an alternate number for better outreach.



**Contact Details ( \* mandatory fields)**

Address \*

Locality \*

City/Town/Village \*

Country \*

State \*

District \*

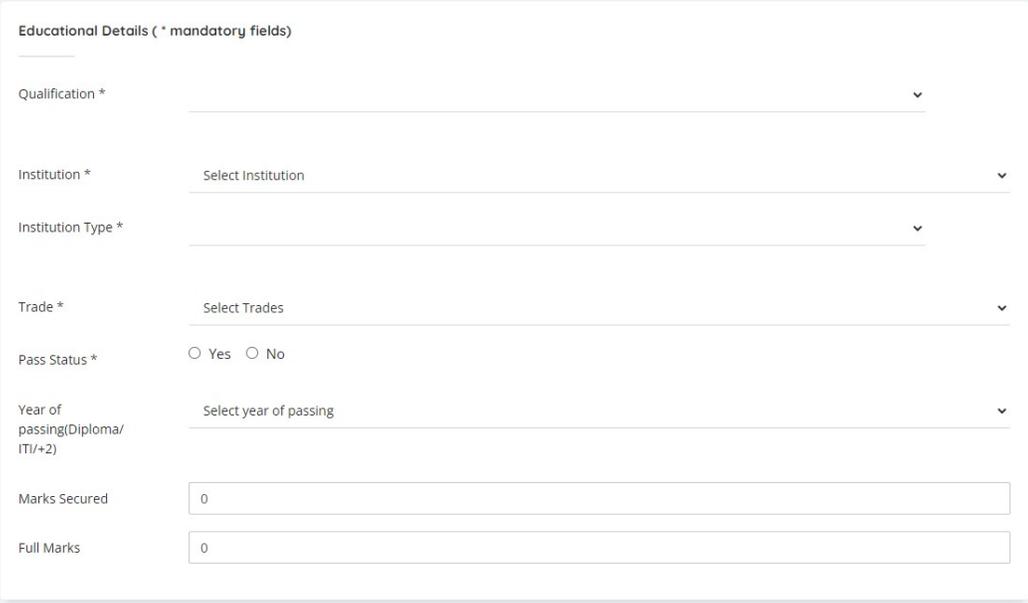
Pincode \*

Email Address \*

Mobile Number \* (10-digit only)

Alternate Mobile Number(10-digit only)

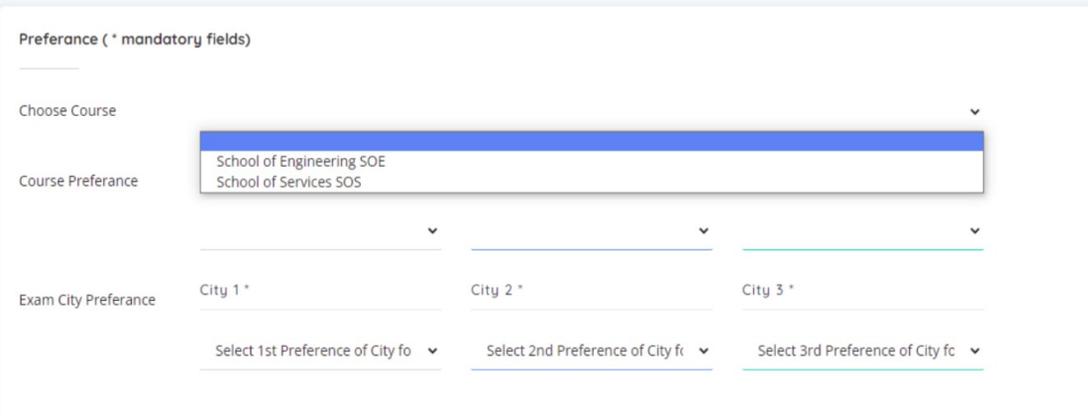
**Step 12:** In Educational Details section, please fill your educational details (ITI/Diploma/+2) along with mark details correctly as mentioned in your final certificate. If your institution name is not showing, then click on “other” option and write down your institution name as per the certificate.



The screenshot shows a form titled "Educational Details (\* mandatory fields)". It contains the following fields:

- Qualification \* (dropdown menu)
- Institution \* (dropdown menu with "Select Institution" text)
- Institution Type \* (dropdown menu)
- Trade \* (dropdown menu with "Select Trades" text)
- Pass Status \* (radio buttons for "Yes" and "No")
- Year of passing(Diploma/ITI/+2) (dropdown menu with "Select year of passing" text)
- Marks Secured (text input field with "0" value)
- Full Marks (text input field with "0" value)

**Step 13:** In “Preference” section give your choices for different courses that WSC is offering in 2023-24 spring session. At the time of counseling, you will be allotted seats as per your choice mentioned in application form. Also provide preference for examination center as per your convenience.



The screenshot shows a form titled "Preference (\* mandatory fields)". It contains the following fields:

- Choose Course (dropdown menu)
- Course Preference (dropdown menu with a list showing "School of Engineering SOE" and "School of Services SOS")
- Exam City Preference (three dropdown menus for "City 1 \*", "City 2 \*", and "City 3 \*")
- Below each city preference dropdown is a text input field with a placeholder: "Select 1st Preference of City fo", "Select 2nd Preference of City ft", and "Select 3rd Preference of City fc" respectively.

**Step 14:** Upload documents in correct format and size as per direction. Then check the box in “Declaration” part and ‘Submit’ the application.

**Documents Upload ( \* mandatory fields)**

Photograph \*  
(jpg/png format not more than 300kb)

Choose File No file chosen

Signature \*  
(jpg/png format not more than 300kb)

Choose File No file chosen

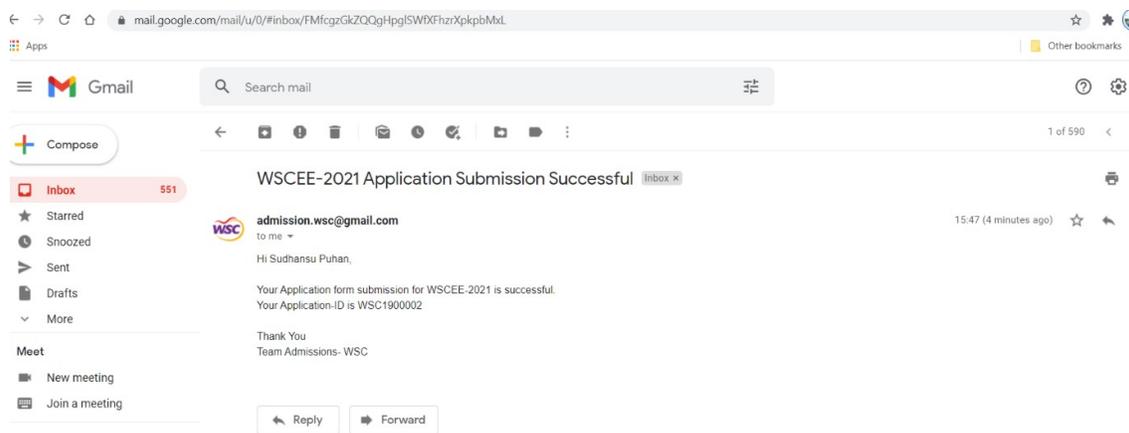
Pass certificate as per the eligibility i.e; diploma/ITI/+2(pdf format not more than 1.5MB)

Choose File No file chosen

**Declaration( \* mandatory fields)**

\* I hereby confirm that, all the data furnished in the form are correct and if any information is found incorrect then my candidature for admission will be cancelled. In case of any wrong information leading to legal, reputational hazard for WSC, it will have the right to take legal action. The final decision of the application and admission process is solely lies with WSC. WSC can change the process of admission including date etc at its own discretion.

**Step 15:** After successful submission, the following page will open confirming application status and Application ID. The same message will also be sent to your registered mail ID.



**Note:**

1. **No application fee** will be charged from the students.
2. The application process is entirely ONLINE. No offline application submission is required by the student
3. In Case a student willing to apply both School of Engineering (SoE) and School of Services (SoS) has to submit two separate applications with two different mail IDs.

### 3. CHOICE OF EXAMINATION CENTER

- The list of cities, where the **WSCEE** will be conducted, is given in below table. While applying, students must select districts in order of their preference.
- Efforts will be made to allot the preferred examination centers to the students as per the choice opted by them in their application form. However, in case of unavailability, a different district of nearby area may be allotted.
- The decision of the WSC regarding allotment of Center shall be final.
- No further correspondence or request shall be entertained in such case.

SI No	Name of District	SI No	Name of District	SI No	Name of District	SI No.	Name of District
1	Angul	9	Dhenkanal	17	Kendrapara	25	Nuapada
2	Balangir	10	Gajapati	18	Kendujhar (Keonjhar)	26	Puri
3	Balasore	11	Ganjam	19	Khordha	27	Rayagada
4	Bargarh	12	Jagatsinghapur	20	Koraput	28	Sambalpur
5	Bhadrak	13	Jajpur	21	Malkangiri	29	Sonepur
6	Boudh	14	Jharsuguda	22	Mayurbhanj	30	Sundargarh
7	Cuttack	15	Kalahandi	23	Nabarangpur		
8	Deogarh	16	Kandhamal	24	Nayagarh		

### 4. DOWNLOAD OF ADMIT CARD

1. Students can download their admit card from the WSC website [www.worldskillcenter.org/admissions](http://www.worldskillcenter.org/admissions)
2. Students have to bring two Photo Copies of Admit card & an Original ID Proof to appear the Center based Written examination.
  - If the student fails to take printout of Admit Card from the website for the examination, then he/ she must contact WSC office immediately.

- If the student finds discrepancy in any information printed on the admit Card, he/ she has to contact on the **Toll-Free Number 18002666002** immediately.
- Both the downloaded copies of the admit cards should be signed by the invigilator during examination. One copy must be submitted at the examination hall and the other should be retained by the student. The submitted admit card may be examined at a later stage to validate the authenticity.
- The student has to keep the admit Card duly signed by the invigilator till he/ she takes final admission in WSC.

## 5. CENTER BASED EXAMINATION- WSCEE 2023

WSCEE-2023 will be conducted for admission into all the 04 courses of School of Engineering and 02 courses of School Of services in 1<sup>st</sup> Week of Feb, 2023. This will be a center based examination. The exam may be conducted in multiple shifts depending on the number of applications received. The schedule and the venue of the examination will be mentioned in the Admit.

## RULES FOR CENTER BASED ENTRANCE EXAMINATION

- i. The Entrance Examination will be held as per the tentative schedule mentioned.
- ii. The medium of examination is English.
- iii. The examination hall shall be opened to the candidates one hour before the commencement of the examination. No candidates will be allowed to enter into the examination hall without two valid downloaded admit cards & original identity card as mentioned in online application form. The downloaded admit card should be endorsed by the Invigilator of the examination center.
- iv. Candidates are required to take their respective seats at least 15 minutes before the commencement of the examination, strictly according to the sitting chart notified earlier by the Center Superintendent.
- v. In no case, a candidate is allowed to enter the examination hall after the examination starts.
- vi. Attendance will be taken by the invigilators on the attendance sheets in which the candidates shall have to put their full signature against their corresponding roll numbers.
- vii. No candidate will be allowed to leave the hall before the time duration of the examination is over, except for emergency requirements. Ordinarily, no candidate is allowed to leave the hall temporarily during the examination.

- viii. Candidates suffering from any disease and their subsequent presence in the examination, if becomes undesirable in the interest of other candidates, then he/she will not ordinarily be allowed to enter the examination hall. Also, the candidates are not allowed to have a substitute scribe.
- ix. Books, printed papers (other than their Admit Cards), Manuscripts or electronic gadgets such as mobile phones, cell phones and electronic diary, calculators etc, must not be taken into the examination hall. In case these prohibited materials are found, the candidate will be debarred from appearing the examination and asked to leave the Hall.
- x. 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 result not only in cancellation of the candidature but also it is liable to more severe punishment as deemed fit by the WSCEE committee.
- xi. A candidate willing 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.
- xii. The Center Superintendent is empowered to take necessary decisions on any other matter, which may not be provided in these rules.
- xiii. Please follow government COVID protocol and follow COVID appropriate behavior all the time.
- xiv. Students without masks are not allowed to enter the examination center premises.

## EXAMINATION PATTERN & GUIDELINES

- The entrance test for **School of Engineering** Courses will consist of both theory & practical based questions on the following 04 sections
  - a) Basic Electrical
  - b) Basic Electronics
  - c) Basic Mechanical
  - d) General Calculation & Science
- The entrance test for **School of Services** courses will consist of both theory & practical based questions on the following 03 sections.
  - a) English
  - b) Mathematics and Aptitude
  - c) Science
- There will be multiple choice type questions.

- Each question shall have **04 (four)** answers with **01 (one)** correct answer and the examinee shall have to select the appropriate choice of answer in the assigned computer.
- Each correct answer shall fetch **02 (Two) marks**.
- There is no negative marking for wrong answer.
- WSCEE-2023 will be a MCQ based examination with equal weightage to all the Sections as mentioned below.

<b>For School of Engineering</b>	
Total Questions	120 (30 from each section)
Duration	150 Mins
Total marks	200
<b>For School of Services</b>	
Total Questions	120 (40 from each section)
Duration	150 Mins
Total marks	200

- Merit list will be prepared on the basis of marks obtained by the student out of total marks i.e. 200. Even if a student scores more than 200 marks, the total mark obtained by the student will be treated as 200.
- The Students for opting for admission in school of Services have to appear a Personal Interview and Medical Test.
- For SoS the Final merit List will be prepared on the Cumulative performance in WSCEE & personal Interview.

## 6. PUBLICATION OF MERIT LIST

- Students can see their results and merit list by visiting **[www.worldskillcenter.org](http://www.worldskillcenter.org)**
- Separate merit lists will be prepared for both SoE & SoS.
- For SoE the Final merit List will be prepared on the basis of performance in WSCEE-2023.
- For SoS the Final merit List will be prepared on the Cumulative performance in WSCEE-2023 & personal Interview.
- Normalization of marks may be done if necessary.
- In case of Tie breaker in marks, candidates with higher age will be given preference.

- Separate merit list for reservation category will be published.
- The decision taken by WSC regarding publication of merit list will be treated as final.
- Students failing in medical test for SoS will not be allowed to take admission into WSC. The decision of the medical test will be final.

## 7. COUNSELLING AND ADMISSION

1. The admission process may consist of multiple rounds of counselling, until all the seats are filled.
2. The selected students will be called to WSC for a counselling session to exercise their option for choosing any particular course.
3. The student once admitted into a particular course after counselling is not allowed to change his/her course under any circumstances.
4. The admission will also be done on the same date after the Counselling is over.
5. Claim for admission will be rejected if the student cannot submit the original certificates, mark sheets, other necessary documents at the time of document verification or if one has filled the form incorrectly.
6. Admissions may be cancelled at any time, if certificate/ mark sheets/ other documents are found to be forged or manipulated. A candidate will not be considered for admission if he/ she fails to substantiate the claim with respect to reservation, category, nativity, date of birth, qualification etc.
7. All the documents of the student will be matched with the details as submitted during the online application form.
8. Students shall report at WSC with the following documents.

## DOCUMENTS TO BE SUBMITTED BY STUDENTS DURING REPORTING FOR COUNSELLING & ADMISSION

1. Pass certificate of High School Certificate (HSC) examination awarded by BSE, Odisha /10th standard examination certificate declared equivalent by BSE, Odisha in support of qualifying examination.
2. Class XII pass Certificate & Mark sheet ( applicable)
3. ITI Pass/ Diploma/+2 pass certificate & mark sheets of all the semesters/ years (as applicable)
4. For Final year Students last year/semester's certificate/Mark sheet can be uploaded
5. Valid ID Proof submitted during filling ONLINE application Form
6. Odisha Domicile Certificate/Residence Certificate (Form I)
7. Original ST/SC/Category certificate by birth (Form II)
8. Physically challenged candidates certificate for PWD candidates (Persons with more than 40% of any disability as certified by a competent Certifying Authority)
9. Candidates claiming reservation Toppers/Winners of AITT/India Skills/Odisha Skills Competition must submit the relevant certificate mentioning the above

10. Student Undertaking form for not pursuing any other part time of full time course during his/her tenure at WSC

**N.B: Students claiming reservation of any kind must submit the permanent residence proof (Form I)**

## 8. COMMENCEMENT OF CLASSES

The tentative date for the commencement of classes is **13<sup>th</sup> March, 2023**. However WSC reserves all rights to change/alter the start date of commencement of classes.

## FREQUENTLY ASKED QUESTIONS

- 1) Where should I apply and where do I get all the details of the admission.  
Ans: Please log on to [www.worldskillcenter.org/admissions](http://www.worldskillcenter.org/admissions)
- 2) Is there any application fee?  
Ans- No
- 3) What is the course fee for the courses?  
Ans- 20,000/- (To be paid in two instalments, 10,000/- each semester)
- 4) What is the Hostel and Mess fee?  
Ans- It's completely free.
- 5) I am an ITI/Diploma/+2 student and my final semester result is yet to be published. Am I eligible for this course?  
Ans- No
- 6) Can a student with higher qualification (B.Tech/M.Tech) join these courses?  
Ans- Yes. But he/she must have passed ITI/3 years Diploma/2 years of +2 courses with maximum age limit of 25 years for SoE and 30years for SoS as on 01.08.2022.
- 7) Students from which branches/trades/stream of +2/ Diploma/ITI are eligible to apply?  
Ans- All Branches/Trades/streams are eligible as per the eligibility of the Course applying for.
- 8) Can I join internship at WSC after completion of one-year course?  
Ans- No
- 9) Is there any provision to edit the form after final submission?  
Ans- No. For any queries please contact to the numbers given in the website.
- 10) How can I download the Admit Card?  
Ans- Visit the WSC Admission page at [www.worldskillcenter.org/admissions](http://www.worldskillcenter.org/admissions)  
Then click on the button 'Download Admit Card'
- 11) Will the classes be conducted online or at the campus in physical mode?  
Ans- At the campus but subject to covid-19 guidelines.
- 12) How will WSC assist in placement?

Ans- WSC shall equip trainees with the requisite skills for placement in nationally and globally reputed companies. Placement assistance will be provided to successful trainees.

13) Do I need to send printed copy of online application form?

Ans- No

14) Is there any provision of scholarship at WSC?

Ans- No. However, WSC shall bear full cost of boarding and mess charges for the students in the commencement year.

15) I am a working professional. Can I join these courses in distance mode?

Ans-No

16) Is there any age relaxation for reserved candidates?

Ans-No

17) Do I need any previous experience in make-up to enrol on the courses?

Ans-Not required.

18) What kind of jobs will I get after completing my training from WSC Bhubaneswar?

Ans-The demand for professional makeup artists, cosmetologists and skin and hair experts are on the rise. Therefore, there is no dearth of job opportunities available in the beauty industry. After successfully completing a beauty course from WSC, you can work as a:

Cosmetologist

Makeup artist

Beauty therapist

Nail technician

Manicurist and Pedicurist

Hair stylist

Personal groomer.

If you wish to work as a mobile therapist or offer occasional treatments from home, you will be sufficiently qualified. It allows you to begin earning straight away, even while working towards a qualification.

19) Do I have to pay extra for materials that will be used during training? Or, is the cost already included in the course fees?

Ans-You do not have to pay extra for the materials. Also, you need not carry any product of your own, since we provide professional makeup kits and beauty tools.

20) Why should I pursue a carrier in the beauty industry?

Ans- As a professional in the beauty industry, you have the ability to make others look and feel great. The beauty industry is one of the most innovative, diverse, and successful industries in the world. Everything from film, spa technicians, magazines, professional hairstylists and make-up artists are in high demand. There are almost limitless opportunities for growth and advancement in our ever-changing profession.

21) Do you have any branches in other cities?

Ans- Bhubaneswar only. We have no branches anywhere else.

22) Why is B&W and HFD both are smart career choice?

Ans- Both are stable and provides endless opportunities. People will always need to have their Hair cut & enjoy relaxing salon experience. As of it, you can work anywhere in and across the country. It always opens the door to a number of exciting career choices, like Hair dresser, make-up hair artist, product educator, salon owner, fashion stylist etc.

23) What extra benefits will I get as a certified candidate of SoS from WSC?

Ans-Students who have done certified courses are eligible to work in countries that have laws on foreign nationals' ability to be legally employed. You will be treated as quality beauty therapists and makeup artists and will be given preference over non-certified candidates to carry out professional work in your respective areas of beauty and wellness.

24) Is there the guaranteed job for SoS at the end of the course?

Ans- Our courses are specially designed to make our students employed and recruited in one of the finest salons in &around the country. We work extensively to make sure they get placed in their chosen field, but we cannot guarantee a job at the end of the course.

## APPENDIX (SCHOOL OF ENGINEERING)

### APPENDIX-I: SYLLABUS- BASIC ELECTRONICS

**Semiconductors** -Classification of material according to electrical conductivity (Conductor, Semiconductor & Insulator) with respect to energy band diagram. Basics of Semiconductor and types.

**Basics of Signals**-Analog signal -Mathematical representation of Analog signal in Time and Phasor Domain. Terms associated with analog signal (Average value, RMS value, Peak value, Form Factor and Ripple Factor). Digital Signal-Time domain representation of digital Signal

#### Analog Electronics

**Electrical Components:** Basics of Resistance, Inductance and Capacitance. Functions of filters and working of RC filter.

**Diode:** Principle of working of PN junction diode, Zener diode, Light Emitting Diode (LED) and Photo Diode.

**Application of Diodes:** Principle of working of different types of Rectifiers with their merits and demerits. Construction and working of Clipper and Clamper Circuit. Construction of Voltage Regulator using Zener Diode and 78xx series ICs

**Transistor:** Different types of Transistor Configuration and state output and input current gain relationship in CE, CB and CC configuration. Need of biasing and explain different types of biasing with circuit diagram. (Only CE configuration). Electronic Oscillator and its working. Classification of Oscillators with simple Block Diagram & mathematical equations.

**Field Effect Transistor:** Working Principle of FET, JFET and MOSFET.

### Digital Electronics

**Number System:** Binary, Decimal, Octal and Hexa decimal number system. Addition, Subtraction, Multiplication and Division operation using Binary number system.

**Logic Gates with truth tables:** Study of different logic gates with symbol and truth table. Solving Boolean expressions using logic operators.

**Combinational Circuits:** Study of logical expression and truth table of Adder, Subtractor, Multiplexer, Demultiplexer, Comparator, Encoder and Decoder Circuits.

**Sequential Circuits:** Study of truth table and logic expressions of RS Flipflop, JK Flipflop, T Flipflop and D Flipflop. Construction and working of Synchronous and Asynchronous Up-Down Counters. Shift Registers and types.

### Miscellaneous

**555 Timer-**Construction and Working of 555 timers. Different applications of 555 timers.

**CRO-** Construction and working of CRO. Measurement of different parameters using CRO.

**Sensors and Transducers-** Concept of Transducer and sensor with their differences. Different type of Transducers. Working principle of Photo emissive, Photoconductive, Photovoltaic transducer and its application. Temperature Sensor-Working of RTD, Thermocouple, Thermistor. Types of Proximity Sensors (Inductive, Capacitive, Infrared sensor). Working of Strain Gauge and LVDT.

## APPENDIX-II: SYLLABUS- BASIC MECHANICAL

**Engineering materials:** Ferrous and Non-Ferrous materials and its properties, its uses, Alloys, classification of alloys and its uses

**Engineering Workshop:** Measuring instruments, measuring tools, marking tools, cutting tools, handling Tools, Fitting tools, Hand tools, carpentry tools, Types of files, vices, clamping tools

**Welding:** Welding description, Principle, Method of operating, Brazing, and soldering, Welding transformer, Welding generators, Welding hand tools, Welding equipment, Carbon dioxide welding, Gas welding, Arc welding, Safety precautions

**Drilling:** Drill, Drilling angle, Cutting speed, feed and r.p.m , drill holding devices, Counter sinking, Reamers, Different type, gang and multiple drilling machine

**Turning:** Safety precaution, Lathe main parts, Feeding & thread cutting mechanism, Nomenclature of single point cutting tools and multi point cutting tools, Lathe cutting speed and feed, Different Lathe operation, Screw thread, Principle of cutting screw thread in center lathe

**Grinding:** Grinding wheel material Abrasive, grade structures, bond, specification, use, mounting and dressing, Selection of grinding wheels, Bench grinder parts and use

**Interchangeability:** Definition, types of limits, terminology of limits and fits

**Engineering Mechanics:** Introduction, Laws of force, Friction, Center of Gravity, Moment of inertia, Laws of motion

**Engineering Thermodynamics:** Basic introduction, Thermodynamic system, Perfect gas laws

**IC engines:** Introduction of 2 stroke and 4 stroke engine, Engine parts and its function

**Theory of Machines:** Gear and Gear train, Belts and pulleys, Drives

**Automobile:** Main components and its structure, antilock braking system (ABS), Gear Box, transmission system

**Strength of materials:** Simple Stress, strain, Hook's law, elastic limit

## APPENDIX-III: SYLLABUS- BASIC ELECTRICAL

**FUNDAMENTALS:** Concept of current flow, Concept of source and load, concept of battery and cell, Ohm's law and concept of resistance, Relation of V, I & R in series circuit, Relation of V, I & R in parallel circuit, Division of current in parallel circuit, Effect of power in series & parallel circuit, Star – Delta Transformation & Delta – Star transformation. State and explain Kirchhoff's Law, Solve simple problems on Kirchhoff's law, State and explain Faraday's laws of electromagnetic induction, Fleming's Left hand rule, and Right-hand rule.

**MAGNETIC CIRCUITS:** Electricity and magnetism, magnetic materials & B-H Curves, permeability, reluctance.

**A.C. THEORY:** Difference between D.C. & A.C. Amplitude, instantaneous value, cycle, time period, frequency, phase angle, phase difference. AC through pure resistance inductance & capacitance, Explain AC through RL, RC, RLC series circuits. Explain impedance triangle and power triangle, balanced and unbalanced loads in 3 phase star system and measure the power of 3 phase loads, solenoid and its polarity for the given direction of current.

**ELECTRICAL MACHINES:** Main parts of DC machines, operation of DC generator, Classification of DC generators, EMF equation of generator, operation of DC motor. load performance of a different type of DC generator on load. Motor equation and Simple problem on relation of

load current, armature current and field current, troubleshooting & servicing of DC machines, uses of different types of DC generators & motors, necessity of different types of starter, operation of single phase series motor, repulsion motors, induction motors, types and uses of single phase induction motors, poly phase circuit, main parts of 3-phase induction motors, operation of 3-phase induction motors, types and uses of 3-phase induction motors, operation of alternators, parallel operation of alternator, operation of single phase transformer, connection for 3-phase transformer, parallel operation of transformer

**WIRING AND ELECTRICAL INSTALLATION:** Types of wiring, Layout of household electrical wiring (single line diagram showing all the important component in the system, earthing, protective devices (fuse, MCB, ELCB) used in house hold wiring, relays, circuit breaker, calculation of energy consumed in a small electrical installation., transmission line (HT/LT), concept of cable, overhead and domestic service line

**MEASURING INSTRUMENTS:** Torques in instruments, PMMC type of instruments (Ammeter & Voltmeter), MI type of instruments (Ammeter & Voltmeter), A.C/ D.C Ammeter, voltmeter, energy meter and wattmeter, multimeter

## APPENDIX-IV: SYLLABUS- GENERAL CALCULATION & SCIENCE

**Unit, Fractions:** Classification of Unit System, Fundamental and Derived Units F.P.S, C.G.S, M.K.S and SI Units, Measurement Units and Conversion, Factors, HCF, LCM and Problems Fractions – Addition, Subtraction, Multiplication and Division, Decimal Fractions - Addition, Subtraction, Multiplication and Division

**Square Root: Ratio and Proportions, Percentage:**

Square and Square Root, Application of Pythagoras Theorem, Ratio and Proportions, Direct and Indirect proportion, Percentage, Changing percentage to decimal

**Material Science:** Types of metals, Physical and Mechanical Properties of metal, Types of ferrous and non-ferrous metals, Introduction of iron and cast iron, Difference between iron and steel, alloy steel and carbon steel, Properties and uses of rubber, timber and insulating materials

**Mass, Weight, Volume, and Density:** Mass, volume, density, weight & specific gravity, Related problems for mass, volume, density, weight & specific gravity

**Speed and Velocity, Work Power and Energy:** Rest, motion, speed, velocity, difference between speed and velocity, acceleration and retardation

**Mensuration:** Area and perimeter of square, rectangle, and parallelogram, Area and Perimeter of Triangle, Area and Perimeter of Circle, Semi-circle, circular ring, sector of circle and hexagon

**Trigonometry:** Measurement of Angle, Trigonometrical Ratios, Trigonometric Table, Trigonometry-Application in calculating height and distance

**Friction:** Advantages and disadvantages, Laws of friction, co-efficient of friction, angle of friction, Friction – Lubrication, Co-efficient of friction, application and effects of friction in workshop practice

**Profit and Loss:** Simple problems on profit & loss, Simple and compound interest

**Estimation and Costing:** Simple estimation of the requirement of material etc., as applicable to the trade, Problems on estimation and costing

**Heat & Temperature and Pressure** Concept of heat and temperature, effects of heat, difference between heat and temperature, Scales of temperature, Celsius, Fahrenheit, Kelvin and Conversion between scales of temperature, Temperature measuring instruments, types of thermometers, pyrometer and transmission of heat - Conduction, convection and radiation, Co-efficient of linear expansion and related problems, Thermal conductivity and insulators, Boiling point and melting point of different metals and Nonmetals

**Basic Electricity:** Introduction and uses of electricity, molecule, atom, how electricity is produced, electric current AC, DC and their comparison, voltage, resistance and their units, Conductor, Insulator, types of connections- Series and Parallel, Ohm's Law, relation between VIR & related problems, Electrical power, energy and their units, calculation with assignments, Magnetic induction, self and mutual inductance and EMF generation, Electrical Power, HP, Energy and units of electrical energy

**Center of Gravity:** Center of gravity and its practical application

**Algebra:** Addition, Subtraction, Multiplication & Divisions, Algebra – Theory of indices, Algebraic formula, related problems

**Elasticity:** Elastic, plastic materials, stress, strain and their units and young's modulus, Ultimate stress and working stress

**Heat Treatment:** Heat treatment and advantages, Different heat treatment process – Hardening, Tempering, Annealing, Normalizing, Case Hardening.

## APPENDIX-V: SCHOOL OF SERVICES SYLLABUS

- The entrance test for **School of Services** Courses will consist of both theory & practical based questions on the following 03 sections
  1. English
  2. Mathematics and Aptitude
  3. Science

Note: The syllabus will be of class 10<sup>th</sup> CBSE/BSE level.

## APPENDIX-VI FORM-I

Office of the.....Miscellaneous Certificate Case No. ....of 20

### 'RESIDENT/NATIVITY CERTIFICATE OF ODISHA'

This is to certify that Shri/ Smt/ Miss..... son/ daughter/wife of Shri .....is a native of the District of .....in the State of Odisha and he/his family ordinarily reside in Village/Town .....P.S....., Tahasil..... in the District of..... The certificate is being granted only for the purpose of WSCEE 2021

**Signature of 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 of Tahasil and includes an Additional District Magistrate and Additional Tahasildar.  
2. No part of the form should be mutilated in any manner. In case of mutilation the certificate is liable to be rejected

## FORM II

### 'SC/ST CERTIFICATE BY BIRTH' (See Rule-8(I))

This is to certify that Sri / Smt / Kumari ..... Son / daughter  
of .....  
.....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 Castes) Order 1950 / the Constitution (Scheduled Tribes) Order,  
1950 as amended by the Scheduled Castes and Scheduled Tribes (Amendment) Orders Act  
1976.  
Sri / Smt / Kumari..... and his/her family ordinarily reside(s) in  
Village/Town..... of ..... District of the State of Odisha.

**Full Signature of the Applicant**

**Signature of Revenue Officer**

Round Seal of Office

Designation with seal of the office  
Date

**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 III

## CERTIFICATE OF EMPLOYMENT OF CANDIDATE'S PARENTS / 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.

1. Name and address of Organization /Office in which employed :	Father/Mother/Husband/Wife (Delete whichever is not applicable)
2. Name and designation of the certifying authority (Employer/Head of Office/ Organization) :	
3. a) Name in full and designation of employee to whom certificate is being issued. :	
b) Whether in permanent employment :	
c) Present Place and State of Posting :	
d) Permanent address as per service records :	
4. Name of the candidate in full :	
5. Relationship of the employee with the candidate :	
6. Particulars of employment of the employee :	

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 Employer.

# FORM IV

## STUDENT UNDERTAKING

I, Shri/ Smt/ Miss..... son/ daughter/wife of Shri.....residing in Village/Town .....P.S..... , Tahasil..... in the District of..... hereby declare that I will not join any other course while continuing my regular course at World Skill Center. In case I am found guilty I will be terminated

Signature of the Parent/Guardian

**Signature of the student**

Date :

## ADDRESS FOR COMMUNICATION

WORLD SKILL CENTER

Tower 2010

Block- B, Sector- A, Mancheswar Industrial Estate,

Bhubaneswar, Odisha- 751007

Visit us: [www.worldskillcenter.org/admissions](http://www.worldskillcenter.org/admissions)

Email: [admissions@worldskillcenter.org](mailto:admissions@worldskillcenter.org)

Phone: 18002666002

