



# Competition Rules

## JuniorSkills Championship

**Dare to Dream,  
Unleash Your Talent!**

**junior  
SKILLS**

**1<sup>st</sup> Skill Championship  
for Standards VI – XII**

**Prizes:**  
Cash Rewards | Certificates |  
Visit to WorldSkills International | And More!

India skills

N.S.D.C  
National  
Skill Development  
Corporation  
Transforming the skill landscape

## Table of Contents

1. Background and Overview
2. Scope, Conduct of Competitions & Code of Ethics
3. Roles & Responsibilities
4. Competition Rules & Regulations
  - 4.1. Eligibility
  - 4.2. Competition format
  - 4.3. Test Project
    - 4.3.1. Quality Assurance
    - 4.3.2. Assessment and Marking
  - 4.4. Competition Rules for National Finals
  - 4.5. Competitor Rights and Responsibilities
  - 4.6. Issue and Dispute Resolution
5. Awards and Recognition
6. Annexures

## **1. Background and Overview**

### **1.1 WorldSkills India**

WorldSkills India, an initiative of National Skill Development Corporation (NSDC) working under the Ministry of Skill Development and Entrepreneurship has been leading the country's participation at WorldSkills International competitions since 2011. At WorldSkills Kazan 2019, **India won one Gold, one Silver, two Bronze medal and fifteen Medallions of Excellence.**

### **1.2 IndiaSkills Competition**

Like WorldSkills Competition, IndiaSkills Competition is held every two years at national level by NSDC in partnership with state governments and industries. Skilled youth from across the nation compete against each other in their respective skills and the winners of the national competition further nurture their skills over the next one year and prepare themselves to represent India at WorldSkills Competition.

The first IndiaSkills Competition held at Pragati Maidan, New Delhi in 2016 and it was inaugurated by former President of India, Shri Pranab Mukherjee.

More than 100 Corporates have come forward to work with States and NSDC for competitions and this connect has helped further a government, industry, SSC connect.

### **1.3 JuniorSkills Championship**

The recently launched National Education Policy (NEP) not only lays emphasis on character building but also on skill development.

It may be appreciated that in today's context, education is not just about learning to know, but also about learning to do, which necessarily means, 'acquiring not only an occupational skill but also the competence to deal with many situations and work in teams, and a package of skills that enables one to deal with the various challenges of working life'.

To blur the ostensible separation of 'vocation' and 'academics', the National Skill Development Corporation and the Central Board of Secondary Education have decided to come together to organize the 1st JuniorSkills Championship, an event that is one of its kind.

The main mission of the JuniorSkills Championship will be to provide school children an opportunity to explore and make informed career choices in a rapidly changing world and contribute to the economic growth of India through their skills. This will build aspiration among the youth towards vocational education.

#### **1.3.1 Partnership with Central Board of Secondary Education (CBSE)**

There are approximately 20,299 schools in India and 220 schools in 28 foreign countries affiliated to the CBSE. CBSE will play an important role in promoting and setting benchmarks for the skill competitions among all schools affiliated with it. Their contribution through direct and indirect participation can create value for skills in the whole ecosystem which enables in the overall development of the nation.

## Why JuniorSkills Championship?

- Exposure to children for making informed decisions about their career
- Assimilate international standards and assessment norms
- Capacity building of teachers as per Worldskills Standards
- Create role models to bridge the skills aspiration in the country
- A step towards future ready skilled manpower

### 1.3.2 Outcomes and Objectives

- **Advocacy:** Popularize skills at grassroots levels through the medium of skill competitions.
- **Capacity Building:** Trainers and subject matter experts coaching by industry and other experts.
  - Several past competitors have taken up jobs as trainers and are helping transfer their learning to future generations.
- **Benchmarking:** Benchmark skill levels and training infra available for different job roles as per international standards
- **Creation of role models:** Winners at different levels become role models for other peers to follow. Several competitors are from very humble backgrounds where parents are small farmers, coolies, drivers, carpenters, small businessmen etc.
- **Performance in World levels:** Identification of competitors with talent who can represent India in Worldskills competitions

### 1.3.3 Outline

JuniorSkills Championship has been envisaged from this year onwards & will be conducted in CBSE schools across country. This activity has been envisioned in line with latest National Education Policy wherein emphasis is given to include vocational courses in schools.

Considering COVID situation the competitions will be organized online while it will be endeavored to conduct nationals with a proper infrastructure and set up.

Format of competition, filtration process, timelines and activities are provided in **annexure 1** for reference.

In this initial cycle, limited skills will be taken up in conjunction with CBSE, which are as under:

1. Web Technologies
2. IT Software Solutions for Business
3. Graphic Design Technology
4. Visual Merchandising
5. Painting & Decorating
6. Mobile Robotics
7. Fashion Technology
8. Solar Energy
9. Digital Photography
10. Innovative Business Ideas

## **2. Scope, Conduct of Competitions & Code of Ethics**

### **2.1 Scope**

This handbook encompasses framework, norms & defines basic rules & regulations for the organization and execution of the IndiaSkills Competitions.

All the stakeholders and participants must abide by the Competition Rules.

The skill competitions will be based on core values of:

- Fairness
- Transparency
- Integrity
- Excellence

### **2.2 Conduct of Competitions**

While NSDC will organize competitions, conduct and management of JuniorSkills Championship requires active support and involvement of Sector Skill Councils, Corporates, Academic Institutions, Schools, Subject Matter Experts & other stakeholders.

Competition arena for the finals will be prepared in accordance with the Test project and infrastructure list.

For management of competition & Issue and dispute resolution, there will also be a framework and hierarchy to address issues and disputes.

### **2.3 Code of Ethics**

The Code of Ethics acts as a guide to behavior and decision making for Skill Competitions. All stakeholders must be acquainted with and act in accordance with the Code of Ethics

## **3. Roles & Responsibilities**

### **3.1 Skill Competition Committee (SCC)**

JuniorSkills Championship will have a Skill Competition Committee comprising of:

1. Mr. Biswajit Saha - Director, CBSE
2. Mr. R.P Singh – Joint Secretary, CBSE
3. Mr. Prakash Sharma – CFO, NSDC
4. Ms. Neha Sharma – Principal, GD Goenka Public School, Ghaziabad
5. Mr. Jaikant Singh - Senior Head, State Government, Citizen Engagement and WorldSkills India, NSDC

### 3.1.1 Roles and Responsibilities of Skill Competition Committee:

- Overseeing the Conduct of Skill Competition.
- Issue & Dispute Resolution.
- The Competitions Committee can make decisions arising from any matter relating to the conduct of the skill competitions which is not covered in the Competition Rules.

### 3.2 Skill Managers

To oversee the competitions & for better oversight and management in each skill. Skill manager's responsibilities will be oversight of competition in terms of timing, conduct, documentation, issue & dispute resolution.

Skill Managers will be appointed by NSDC.

### 3.3 Skill Management Team (SMT)

Each skill will have a Skill Management Team (SMT) which is responsible for the proper conduct of the competition in compliance with Competition Rules.

The SMT will comprise of:

- Experts & Jury Members
- Workshop Manager (For Finals)

### 3.4 Jury Members

A group of Experts who are responsible for assessing Test Projects within a respective skill competition. The Jury is responsible for the proper conduct of the competition in compliance with Competition Rules.

Jury will be nominated by the skill partner based on the following:

**Essential Criteria:** Have a formal recognized qualification with proven industrial and/or practical experience in the skill in which they are accredited.

**Preferred Criteria:** Prior experience as a jury in skill competitions / IndiaSkills.

Experts are responsible for planning and running the skill competitions.

- They should also know and abide by the Competition Rules, the Technical Description and other official Competition documentation.
- Possess the expertise mandated by the JuniorSkills framework.
- Must be of the highest integrity, honest, objective and fair, and prepared to cooperate with others as required.
- Familiar with Test Project and infrastructure facilities.
- Understand & abide by competition rules and documentation.
- Maintain the confidentiality of Test Projects

No Competitor should be related to them/from the same school/institution, are present in the competition. In case of exception, SCC will authorize the same.

### 3.5 Workshop Manager

The Workshop Manager is responsible for workshop installations, preparation of materials, workshop security, Health, Safety, and Environment and the general tidiness and neatness of the workshop area.

### 3.6 Team Leader/Guardian (TL)

Team Leaders are persons to look after the comfort and welfare of competitors during the finals (Physical round).

As a Team Leader one must have a high degree of responsibility towards his/her competitors. Additionally, a Team Leader will act as a mentor and shall be responsible for care of the competitor during JuniorSkills Championship.

#### 3.6.1 Responsibilities of Team Leader/Guardian include, but not limited to:

- Support to Competitors before, during, and after the Competition.
- Prepare Competitors in non-technical aspects of the Competition.
- Ensure that all Competitors are properly briefed regarding all aspects of the Competition like stay arrangements, transportation arrangements, timings of competition, food, other events.
- Be a spokesperson for the Competitors to the Competition stakeholders, i.e. SMT, SCC etc.
- Be responsible for the conduct of their competitor from arrival at the Competition until their departure.
- Ensure competitors adhere to the safety norms & wear PPEs during the competition.
- Ensure competitors adhere to Competition timings.
- Make the competitors aware of the Closest emergency exit and highlight and assist in case of any medical contingency.

## 4. Competition Rules & Regulations

### 4.1 Eligibility

Students (6<sup>th</sup> standard to 12<sup>th</sup> standard) can participate in the JuniorSkills Championship.

**A student can register only in one skill.**

Registrations for JuniorSkills was categorized in 10 skills and 3 groups. The three groups are categorized as below:

Group	Standard
Group 1	6-8
Group 2	9-10
Group 3	11-12

Competition in two skills, Painting & Decorating and Digital Photography will be conducted for all three groups, whereas for Solar Energy, competition will be conducted for Group 3 only. For remaining seven skills, competitions will be conducted in Group 2 & Group 3 only. This is shown in the table below:

## Skill Groups:

Sl.	Skill	Group 1 (Std. 6-8th)	Group 2 (Classes 9-10th)	Group 3 (Std. 11-12th)
1	Web Technologies	X	✓	✓
2	IT Software Solution for Business	X	✓	✓
3	Visual Merchandising	X	✓	✓
4	Graphic Design	X	✓	✓
5	Painting & Decorating		✓	✓
6	Fashion Technology	X	✓	✓
7	Solar Energy	X	x	✓
8	Mobile Robotics	X	✓	✓
9	Innovative Business idea	X	✓	✓
10	Digital Photography	✓	✓	✓

### 5.1.1 Registrations in incorrect Group

Registered in incorrect groups for which the skill competition is not being conducted as per the skill group for e.g., registrations done for Web Technologies in Group 1 (Std. VI, VII & VIII) is incorrect as competition for Group 1 in Web Technologies will not be conducted & therefore all such students shall stand disqualified.

Exceptions to the above rule:

1. **Class VIII** students who have registered before **01 April 2021** will be considered for participation in 7 skills, namely Web Technology, IT Software Solution for Business, Visual Merchandising, Graphic Design, Fashion Technology & Mobile Robotics in **Group 2**
2. **Class X** students who have registered before **01 April 2021** will be considered for participation in Solar Energy skill competition in **Group 3**.

## 4.2 Competition Format

### 4.2.1 Screening Round (1<sup>st</sup> Round)

This is screening stage where students will have to answer Multiple Choice Questions within a stipulated time.

For the next round, students will be shortlisted based on actual number of skills-wise & group-wise participations in Round 1 & also on the marks scored in Round 1.

### 4.2.2 Orientation Webinars for Qualifying Round (2<sup>nd</sup> Round)

An orientation webinar for selected students to prepare them for qualifying round. The qualifying round will test the real skill sets of the students.

### 4.2.3 Qualifying Round – Virtual

In the qualifying round, a task (Test Project) needs to be completed within 2-3 hours of competition.

For the next round, students will be shortlisted based on actual number of skills-wise & group-wise participations in Round 2 & also on the marks scored in Round 2.

#### **4.2.4 Orientation Webinars for Semi-Final (3<sup>rd</sup> Round)**

An orientation webinar for selected students to prepare them for Semi-final round. The qualifying round will test the real skill sets of the students.

#### **4.2.5 Semi-Final - Virtual**

Stage where selected competitors will compete against each other for the finale. A maximum of 8 students per skill & group will move to the final round of JuniorSkills Championship.

#### **4.2.6 Orientation Webinars for Finals**

Orientation/training will ensure that the students learn practically and benchmark their skills as per required standards under the guidance of skill experts.

#### **4.2.7 Final Round**

The final round will be held where all the selected students will be invited to compete.

The final round will take place at one central venue or decentralized venues (as decided)

### **4.3 Test Project**

Test Project is an assessment vehicle. Each skill has a Test Project for the competition to attempt where Competitors demonstrate their mastery of Skill.

The MCQs/Test Project for JuniorSkills Championship are designed for each level of Competition.

- ✓ Screening/Level 1 – MCQs (1 Hour – 60 questions)
- ✓ Level 2 – Test Project (2 - 3 Hours)
- ✓ Level 3 – Test Project (3-4 Hours)
- ✓ Finals/Level 4 – Physical/Online/Hybrid (4-5 Hours)

Extension of competition time can be given with the approval of Skill Management Team (SMT) and lost hours due to malfunction (breakdown of equipment) can be made-up with the permission of SMT.

The Test Project could be modular or subdivided into modules and marking is done accordingly.

#### **4.3.1 Quality Assurance**

Quality Assurance of skill competitions is important from point of view of maintaining standards, adherence to process, proper evaluation and transparency.

#### **4.3.2 Assessment Norms**

Assessment at JuniorSkills Championship (post screening round) falls under 2 types, for which use of explicit benchmark is essential for each aspect, namely.

- Measurement
- Judgment

#### **4.3.3.1 Marking Scheme**

Marking Scheme describes how the Jury team assesses the competitors work. It is designed to allocate marks for each aspect of performance.

#### **4.3.3.2 Measurement**

- Used to assess accuracy, precision and other performance that can be measured in robust manner.
- It is marked as Binary- YES or NO. OR against a pre-determined scale of conformity to a given benchmark.

#### **4.3.3.3 Judgement**

- Used to assess the quality of performance. There might be small difference of view when applying external benchmarks.
- It is marked independently by experts and then collated.

#### **4.3.3.4 Teams for Assessment and Marking**

Two to three Experts form a team for assessment, and they can be supplemented by others to coordinate the scores for JUDGMENT.

### **4.4 Competition Rules for Final Round**

For successful conduct of JuniorSkills, the following rules are followed; namely:

- Team leaders, Skill managers and SMT are only permitted to enter the workshop of their skill area. No visitor nor observers are permitted inside the workstation without the prior permission of the SMT.
- Competitors must carry a valid government issued photo i.d. in original on 1<sup>st</sup> day of competition for identification.
- Stakeholders shall ensure that the above principles of honesty, fairness and transparency are observed always.
- In case a competitor needs to withdraw due to illness or accident; marks will be awarded for the work completed.
- All personnel in each skill-specific workshop will receive a health and safety orientation before the Competition starts. This orientation will be the responsibility of the Workshop Manager (WM) within each workshop.
- Skill partners must ensure Workstation are checked for equipment safety and functionality prior to commencement of Competition.

#### **4.4.1 Health and Safety**

- All incidents can be prevented, and every effort shall be made to identify hazard and inform the management accordingly.
- All participants will assume liability for all risks of injury and damage to property, loss of property, which might be associated with or result from participation in the event. The organizers will not be liable for any damage, however, in case of Injury the competitor will immediately inform the immediate organizer for medical attention.

- The Skill Specific Personnel Protective Clothing must be worn during the conduct of Competition.
- All accredited participants and supporting volunteers will abide by rules and regulations with regards to Health, Safety, and Environment of the Competition venue.
- Competitors and accredited participants must familiarize themselves with the Occupational Health and Safety Regulations prior to attending the Competition.

#### **4.5 Competitor Rights & Responsibilities**

The SMT is responsible for ensuring that all Competitors are provided with the following information:

- Competition Rules
- Code of Ethics and Conduct
- Health, Safety, and Environment
- Test Projects
- Briefing on any additional tools and/or any equipment or material(s) that may be required.
- Competitors have time to prepare their workplaces and to check and prepare tools, materials and measuring equipment.
- All Competitors are provided with a Communication Card with one red side and one green side with symbols to facilitate visual communication.
- Failure by a Competitor to comply with safety directions or instructions may result in the deduction of marks. Continuous or repeated unsafe practice may result in Competitors being temporarily or permanently removed from the Competition.
- Information of their being able to access to their Team Leader in case of any issue.
- Be aware of the medical facilities available and report medical issues, if any.
- Dishonesty and indiscipline will invite penalty as decided by the SMT/SCC.
- Competitors have the right to expect fairness, honesty, and transparency during the Competition in terms of the following:
  - Right to expect that no other Competitor will receive unfair assistance or
  - Any intervention that may provide an advantage of any sort.

#### **IMPORTANT**

Should a competitor have an issue it must be brought to the attention of SMT immediately and the TL may be called. Disputes will be referred to Skill Competition Committee.

#### **4.6. Issue & Dispute Resolution**

The use of the terms, “issue” and “dispute” for JuniorSkills Championship will be as follows:

- Issues are topics or problems for discussion or debate that relate to managing and running a skill competition. All issues should be resolved within the skill competition by the Skill Management Team
- Disputes are disagreements or arguments that occur due to the escalation of:
  - an unresolved issue beyond the Skill Management Team.

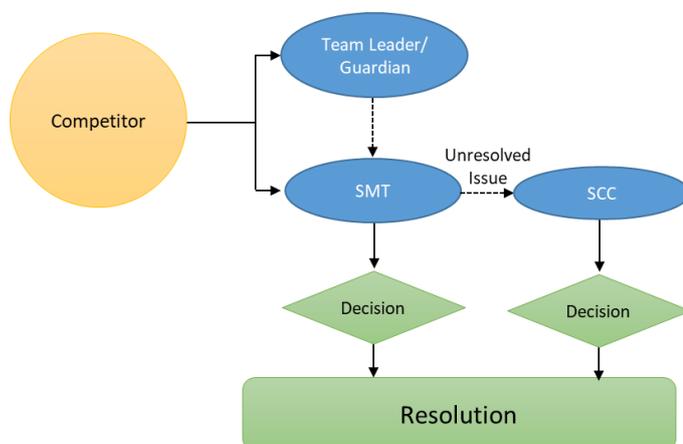
- an alleged breach of the rules or Code of Ethics and Conduct

#### Basic Principles:

- Competitors must be able to continue their work while the issue and dispute resolution process is being conducted. Natural justice must apply, i.e. innocent until proven guilty and fair hearing is given.
- Skill Competitions Committee must reach a decision in all cases. Their decision will be final. However, in those disputes dealing with alleged breaches of the rules and/or Code of Ethics and Conduct or other contentious issues - the matter may be taken to the Appeals Committee.

Issues are resolved at the SMT level, unresolved issues are labelled as disputes & are resolved at SCC level / Appeal Committee.

#### 4.6.1 Process Flow for Issue & Dispute Resolution



Issues if any, must be raised on the same day itself. No complaint, unless unavoidable/grave will be entertained after the due period.

#### 4.6.2 Penalties

If there is a clear evidence of action, the following penalties will apply:

- If a competitor breaches the Competition Rules or skill specific rules, the penalty should be deduction of marks as decided by SMT and/or SCC. In case, breach of rules is severe in nature, SCC & the Appeals Committee may also debar the competitor from the participation in the competition.
- If an Expert is in breach of the Competition Rules or skill specific rules, the expert may be excluded from being involved in any marking or removal of the expert from SMT.

### 5. Awards and Recognition

- Exciting Prizes for winners
- Certificate of Participation for all competitors.
- Recognition by Industry
- Product Vouchers for Reskilling/Upskilling/Internship etc.
- Career Counselling webinars

## 6. Annexures

### Annexure 1 – Competition format & timelines

Sr. No.	Activity	From	To
1	Registration Period	15-Jan-21	30-Jun-21
2	Orientation webinar with registered students	9-Jul-21	10-Jul-21
3	Screening Round 1 (1hour)	17-Jul-21	
4	Result Announcement	24-Jul-21	
5	Orientation Webinars/Training for next round - Skill Wise	26-Jul-21	29-Jul-21
6	Round 2 (2 -3 hours)	31-Jul-21	
7	Result Announcement	10 - Aug-21	
8	Orientation Webinars/Training for next round - Skill Wise	13-Aug-21	19-Aug-21
9	Round 3 (3-4 hours)	21-Aug-21	
10	Result Announcement	30-Aug-21	
11	Orientation Webinars/Training for next round - Skill Wise	6-Sep-21	11-Sep-21
12	Round 4 - Finals (4-5 Hrs.)	18-Sep-21	

**Annexure 2 – Competitor sign-off form (For Final Round – Physical Competition)**

**I hereby confirm that:**

- I will abide by the rules & regulations of the competitions.
- I am adequately familiarized with the equipment and tools which will be used during the competition.
- I am aware of the sample test projects & the assessment criteria.
- I have awareness of Equipment & machinery provisions by the organizers.
- Awareness of personal Tools/Equipment which are to be brought to the venue.

S. No	Competitor Name	School	Sign	Date
1				
2				
3				
4				
5				