State Skills Competition Bihar 2020
World Skills Overview

• Founded in 1950, **WorldSkills** is the global hub for skills excellence and development.
• WorldSkills Competition is the largest skill competition in the world held once every two years in a WorldSkills member country.
• The competition is equivalent of Olympic Games for skills amongst youth across the world. There are about 52 skills under six skill categories.
• WorldSkills International is a membership organization like International Olympic Assoc. with 76 members.
Two prime objectives

1. Creating a framework and system of Skill Competitions across the country to promote
   • **Advocacy** Making skills aspirational
   • **Capacity Building** Trainers, training infrastructure creation based on WS norms
   • **Cooperation** Between government, corporates, employers, SSC, VET
   • **Reward** Successful talent to create role models
   • **Certification** Through SSCs
   • **Jobs** For talented youth at each level of competition

2. Identifying and training talent in country for winning medals at WorldSkills & other international competitions
WorldSkills Competition

These competitions provide both a benchmark for high performance and objective way to assess vocational excellence. Objective is to promote world class standards in over 50 skills under six skill strands as under:

- Construction and Building Technology
- Transportation and Logistics
- Manufacturing and Engineering Technology
- Information and Communication Technology
- Creative Arts and Fashion
- Social and Personal Services.
# List of Trades (given by WorldSkills)

## Construction and Building Technology
1. Architectural Stonemasonry  
2. Wall & Floor Tiling  
3. Plumbing & Heating  
4. Electrical Installation  
5. Bricklaying  
6. Plastering & Drywall system  
7. Painting & Decorating  
8. Cabinet Making  
9. Joinery  
10. Carpentry  
11. Landscape Gardening  
12. Refrigeration & Air conditioning  
13. Concrete Construction work

## Transportation and Logistics
14. Auto body Repair  
15. Automobile Technology  
16. Car Painting  
17. Heavy Vehicle Technology  
18. Aircraft Maintenance

## Manufacturing and Engineering Technology
19. Mechatronics  
20. CNC Turning  
21. CNC Milling  
22. Welding  
23. Electronics  
24. Industrial Control  
25. Mobile Robotics  
26. Plastic Die Engineering  
27. Prototype Modeling  
28. Polymechanics and Automation  
29. Manufacturing Team Challenge  
30. Mechanical Engineering CAD  
31. Industrial Mechanic Millwright  
32. Water Technology  
33. Construction Metal Work
## List of Trades (given by WorldSkills)

**Information and Communication Technology**
- 34. Information Network Cabling
- 35. IT Software Solution for Business
- 36. Web Design & Development
- 37. IT Network System & Administration
- 38. Print Media Technology

**Creative Arts and Fashion**
- 39. Floristry
- 40. Fashion Technology
- 41. Graphic Design Technology
- 42. Visual Merchandising
- 43. Jewellery

**Social and Personal Services**
- 44. Hair dressing
- 45. Beauty Therapy
- 46. Patisserie & Confectionery
- 47. Cooking
- 48. Restaurant Services
- 49. Health & Social care
- 50. Bakery

51. 3D Digital Game Art and  
52. Freight Forwarding

**NOTE:** Other than above trades- there are 51. 3D Digital Game Art and 52. Freight Forwarding. In Total there are 52 trades for the WorldSkills.
State Skills Competition Bihar 2020

• Next IndiaSkills Bihar competition proposed to be conducted in January 2020
• In 40 trades with 14 partnering institutions/bodies
• Registration window open from 1st August up to 15th October 2019 through link given on BSDM portal i.e. www.skillmissionbihar.org.
• Registration and other details (including criteria) will be as per the notification given on BSDM portal.
## Partnering Institutions

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<tr>
<th>Institutions</th>
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<tbody>
<tr>
<td>1. CIPET, Hajipur</td>
<td>10. NIT Patna</td>
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<td>2. TRTC, Patna</td>
<td>11. ITC Munger</td>
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<td>3. NIFT, Patna</td>
<td>12. ICICI Academy for Skills</td>
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<td>4. ITIs</td>
<td>13. College of Art and Craft</td>
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<td>5. NIELIT, Patna</td>
<td>14. Jawed Habib</td>
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<td>6. IHM, Hajipur</td>
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<td>7. Department of Agriculture</td>
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<td>8. Department of Science &amp; Technology</td>
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<td>9. BIT Patna</td>
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Eligibility Criteria for Skill Competition

• The competitor must be born on or after 1st January, 1999 for all skills apart from Aircraft Maintenance, Mechatronics, Information Network Cabling, Manufacturing Team Challenge, Water Technology, Cloud Computing and Cyber Security where competitors must be born on or after 1st January, 1996.

• LAST DATE FOR REGISTRATION: 15th October, 2019
Appointing institutions organizations as nodal entities trade-wise to work with candidates for screening all applications, hold selection for 40 trades, identify state representative and also to train them for regional competitions.

Institutional approach
Process Flow (State Skills Competition 2020)

Registration details handed over to partnering institutions for holding prelim screening at institute level

20 candidates per trade will be selected after 1st round of screening

Screening 1

Screening 2

6-8 candidates per trade will be selected after 2nd round of screening

1st and 2nd finally will be winner in each trade in State Skills Competition Bihar 2020 who will further represent Bihar in regional competition.
Timelines

- **Registration at BSDM portal**
  - By 30th October 2019

- **1st of August to 15th of October 2019**

- **Selection of 20 competitors per trade in 1st round of screening.**

- **Final selection of 6 – 8 competitors per trade in 2nd round of screening**
  - By 30th of November 2019

- **IndiaSkills Competitions – Bihar**
  - January (3rd Week) 2020

- **IndiaSkills Competitions – Regional**
  - Feb-March-April 2020

- **IndiaSkills National Competitions**
  - July 2020

- **Training & Exposure**
  - 22-27 September 2021

- **WorldSkills Shanghai 2021**
www.worldskillsindia.co.in / www.skillmissionbihar.org

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