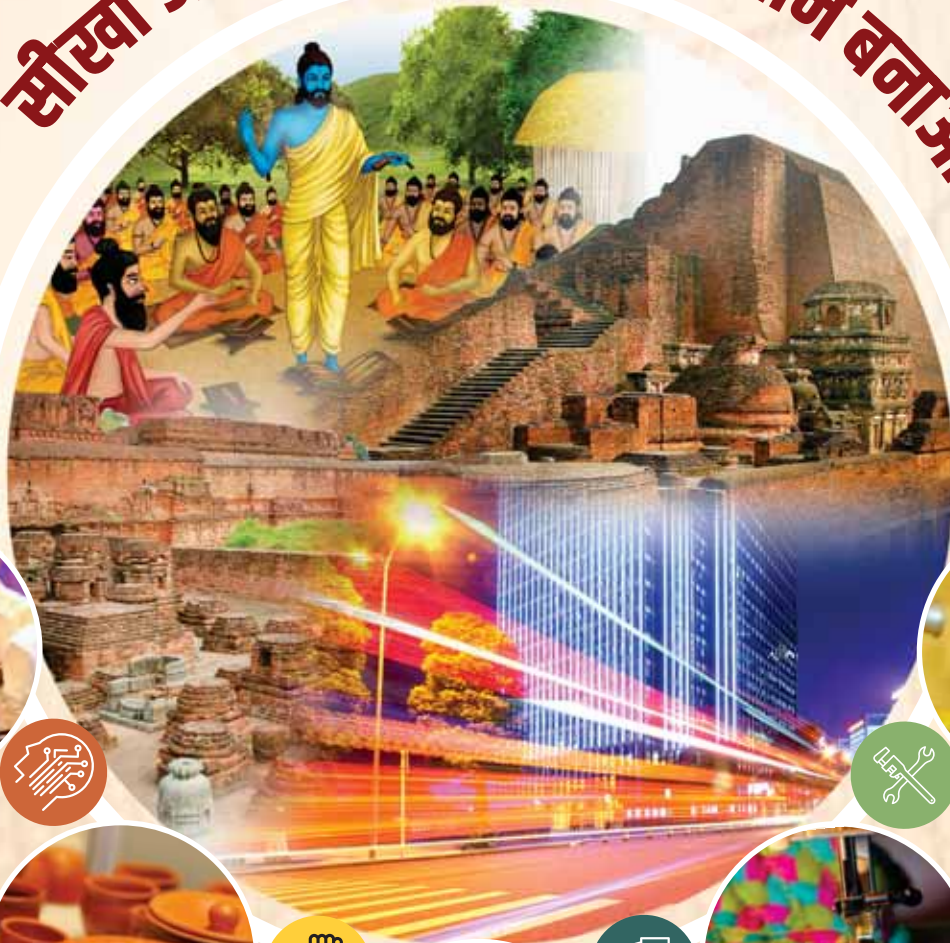


योग: कर्मसु कौशलम्  
हरियाणा विश्वकर्मा कौशल विश्वविद्यालय  
HARYANA VISHWAKARMA SKILL UNIVERSITY

# HARYANA VISHWAKARMA SKILL UNIVERSITY

(State University enacted under the Government of Haryana Act 25, 2016)

सीखो और कमाओ, अपनी पहचान बनाओ



PROSPECTUS 2018-19



# Prospectus

for

## Dual Education Programmes

**Diploma**

**Diploma of Vocation**

**Advanced Diploma**

**Bachelor of Vocation**

**Post Graduate Diploma**

**Haryana Vishwakarma Skill University**

**Dudhola-Palwal, Haryana**

**Transit office:** Plot 147, Sector 44, Gurugram -122003, Haryana

**Website:** [www.hvsu.ac.in](http://www.hvsu.ac.in)

**Contact No:** +91-124-2746800



## **DISCLAIMER**

During the publication of the Prospectus, the published/ printed information is correct and in accordance with the existing rules of the University. However, any change s made by the University in the provisions/ instructions/ regulations at a later stage shall be applicable to all the students who are admitted or yet to seek admission in the various programmes. For latest information, candidates are advised to check the University website regularly. If anyone experiences any inconvenience or incurs loss due to such changes, the University shall not be responsible.

## **JURISDICTION**

All the disputes shall lie in the jurisdiction of District Gurugram/ Palwal (Haryana).

## VISION

- To emerge as one of the foremost institution of quality in skill education, acknowledged by the Industry - Nationally and Internationally.
- Leverage digital technology for scale, sustainability and quality deployment.
- Design a modular skill education model that provides mobility and career advancement.
- Provide integrated skill education from Class 9<sup>th</sup> onwards on an equivalent model.

## MISSION

- Try to change the prevailing social perception about the low esteem of vocational education and bring it at par with other education streams.
- Make education more relevant to employment and employability.
- Bring industry closer to talent by bridging the gap of both quality and quantity of manpower.
- Build a pipeline of talent for future as well as building the means for this.
- Improve employability of the existing workforce through skills upgradation.
- Nurture talent for local, national and international requirements.
- Create a platform for self-employment and entrepreneurship capability.
- HVSU endeavours to build a strong partnership with Industry to facilitate student employability and self-employability resulting in restoring the respect for a skilled professional
- To set up a world class institute having sustainable environmental and energy efficient green campus, minimising carbon footprint and protecting the flora and fauna.

## MESSAGE FROM VC'S DESK

I take pride as the Founding Vice-Chancellor in introducing you to India's very first Skill University that is Haryana Vishwakarma Skill University.

While India has some of the very best academic institutions in the world, skilling has remained an uncharted territory for last few centuries. However, ancient manuscripts have references of Skilling being one of our civilization's strengths with Universities like Takshila and Nalanda being the epitome of vocational & skill education of ancient era.



The Government of Haryana, understanding the emphasis of the Government of India towards skill and entrepreneurship development launched India's first Skill University in 2016. The University is being set up at Dudhola village in Palwal district.

This University will focus on meeting the skill demands of the State in the current and emerging areas of various sectors such as manufacturing, textile, automobile, IT, healthcare, construction, banking & finance, marketing, hospitality, agriculture, etc. Experiential learning will be enabled through flexible entry & exit, credit accumulation & transferability and blended learning methodologies of simulation & gamification. Focus on 'Entrepreneurship and Skills of Tomorrow' will also form an important prerogative of the University.

Thus, the University aims to address the complete value chain of skill education with multi-pronged approach of:

- Feeder Schools at Secondary Education level
- Finishing Schools for Graduating and Post Graduating students
- Industry aligned work study program promoting 'earn-while-learn' model
- Incubation Centres for 'Entrepreneurship and Skills of Tomorrow'; and
- Continuous Learning Programmes

To facilitate this approach, the University is partnering with Industry, State & Central departments. This feat can only be achieved with active participation and integration of all the stakeholders. In this direction HVSU has released its researched Vision Document and already signed more than 35 MOUs with Corporate, institutions & industries to start the Certificate, Diploma & Graduate programs based on dual education model, where apprenticeship/ OJT is integrated with Vocational Education and students also have an opportunity of earning stipend during the OJT.

Let us all join hands to enable and empower the vision of Skill Haryana, Skill India and make Haryana Vishwakarma Skill University one of the premier Skill Institutions of the world.

I welcome students to HVSU and wish them an enriching skills learning experience.

**(Raj Nehru)**  
**Vice Chancellor**



## MESSAGE FROM THE DESK OF REGISTRAR



Haryana Vishwakarma Skill University (HVSU) has started its operations in very short time to meet the aspirations of the youth. Programmes offered by University are innovative, futuristic and call for integration with industry. We are overwhelmed by the response that our programmes have received from the prospective candidates.

HVSU shall continue with this trend by designing more courses, which are in-demand and cater to the need of the industry and most importantly, meet the aspirations of our youth. We intend touching University's handful staff that has been working relentlessly for mapping the students aspiration and industry demands. This has been possible under the dynamic leadership of Shri Raj Nehru, Vice Chancellor.

I have been fortunate to be associated with the university in its early stage. It is an exciting journey and I look forward to the challenges it bring along as the accomplishments will give me great pride and satisfaction.

I heartily welcome the students seeking admission to the programme offered by the university.

**Dr. Sunil Gupta**  
(Registrar)

## MESSAGE FROM THE DESK OF DEAN ENGG.



Skill can not be learned in a class room, but only attained through experiential learning, by going through hand-on experience on the shop floor of industry. Teaching in the class room enhances the knowledge, which through regular practical training results into know-how. The learning outcome of know-how through repeated hand on working practice, is skill.

Haryana Vishwakarma Skill University (HVSU), is dedicated for making students job ready by exclusively creating NSQF aligned, Industry integrated, “On –the-job(OJT)” pivoted, (1) In Campus (2) Out Campus, dual education models, encompassing skilling from school level (L/1) to doctorate level(L/10) allied with existing and emerging job roles , with unique feature of “earn while learn”, and “flexibility of entry and exit”.

HVSU, planned with intake capacity of 12000 students in 157 skill programs in 25 departments under 4 faculties, is being sculptured with Centres of Excellence/ R & D for innovation/Entrepreneurship / start ups, along with living laboratories and workshops equipped with cutting-edge technology, including skilling through Virtual Reality and Augmented Reality, Artificial Intelligence, Holography, 3-D Printing Technology etc, in a sprawling campus of 83 acres of land at Dhudola, Palwal, with the state-of-the-art infrastructure at the cost of INR 960 crores.

It will not only cater to existing job markets with traditional skills, but also train human resources with high-end skills, required for meeting the demands and challenges the 4th industrial revolution, “Industry 4.0” ensuring their employability/self-employability.

I feel privileged to work under the legendary leadership of Hon’ble Vice Chancellor Sri Raj Nehru ji, and contribute in implementation of his unique futuristic vision about skills and skilling, with my own value additions.

**Dr. Ashok Shrivastav**  
(Dean Engg.)

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- 3.6. Bachelor of Vocation (B. Voc.) in Robotics and Automation
- 3.7. Bachelor of Vocation (B. Voc.) in Tool and Die Manufacturing
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- IV- Affidavit by the parents (of backward class category candidates)
- V- Medical certificates for differentially abled
- VI- Self declaration by the student



VII- Self declaration by parent/ guardian

# 1.The University

## 1.1 Introduction

In line with the vision of a Skill India, Government of Haryana had established Haryana Vishwakarma Skill University (HVSU), first of its kind, in 2016 to be set up at village Dudhola in district Palwal, Haryana. The University is aimed at providing structured skill qualification programmes, aligned with existing and emerging job roles in the industry and other sectors. The programmes will be mapped with National Skills Qualifications Framework (NSQF) that will facilitate upward mobility of the students from Certification to Doctoral level. The University is being built on 82.7 acres of land with a state-of-the-art infrastructure, having capacity to train 12,000 students per year, as part of its Master Plan.

## 1.2 Key Features

- Earn-while-learn
- Dual education system
- Theory and practical: learn and apply the skills
- Industry integrated programme
- Entrepreneurial skills
- World class OJT facility
- Mobility and flexibility for multiple entry and exit options
- Highly subsidized fee
- Stipend support
- Placement assistance/ job prospects

## 1.3 Current Academic Structure

### I. Skill Faculty of Engineering & Technology

- Skill Department of Automotive Studies
- Skill Department of Construction Management and Technology
- Skill Department of IT/ ITeS & Computers
- Skill Department of Green Technology
- Skill Department of Robotics
- Skill Department of Plastic Technology
- Skill Centre of Textile and Apparel Design

### II. Skill Faculty of Agriculture

- Skill Department of Agriculture

### **III. Skill Faculty of Applied Sciences & Humanities**

- Skill Department of Life Sciences & Health Care
- Skill Department of Psychology and Behavioral Sciences
- Skill Department of Security and Surveillance
- Skill Department of Sports and Yoga

### **IV. Skill Faculty of Management Studies and Research**

- Skill Department of BFSI & Finance
- Skill Department of Management Studies
- Skill Department of Tourism & Hospitality

## 1.4. Matrix for Courses Offered for Admission, Duration, Eligibility Conditions and Selection Criteria for Session (2018-19)

### • Skill Faculty of Engineering and Technology

S. No.	Department	Course	Duration	No. of Seats	Age Limit		Entrance Test	Eligibility	Selection Criteria
					Min	Max			
1.	Skill Department of Automotive Studies	B. Voc. (Automotive Mechatronics)	3 Years	30	18	30* (Age relaxation for Reserved Categories- 3 Years for BC and 5 Years for SC)	Online CET (Common Entrance Test)	10+2 (PCM) <b>OR</b> 10th plus (2 Years or 3 Years) Diploma in Automobile Engg./ Mech. Engg./ Production Engg./ Industrial Engg./ Computer Science/ Information Technology/ Power Engg./ Electronics/ Instrumentation/ Plastic Technology/ Electrical/ Electrical & Electronics/ Electronics & Communication/ Textile Technology/ Civil/ Chemical Engg./ Mechatronics <b>OR</b> 10 <sup>th</sup> + ITI (minimum 2 years) Technician/ Mechanic/ Maintenance/ Machinist/ Repair/ Mechanical/ Automobile/ Electrical/ Electronic Turner/ Tool & Die Making/ Sheet Metal/ Refrigeration & Air Conditioning/ Pump Operator/ Networking, with 2 Subjects (1 Language & 1 Academic) passed from any recognised board	Step 1. Common Entrance Test (70 Marks) Step 2. Personal Interview with Industry + HVSU Experts (30 Marks) Step 3. Combined Merit List (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List
		B. Voc. (Automotive Manufacturing)	3 Years	30					
		B. Voc. (Tool and Die Manufacturing)	3 Years	30					
	Skill Department of Robotics	B. Voc. (Robotics and Automation)	3 Years	30			Online Entrance Test	10 <sup>th</sup> (with Science & Mathematics as Compulsory Subjects) <b>OR</b> 2 years ITI after 8 <sup>th</sup> Class with 2 subjects (1 Language & 1 Academic) passed from any recognised board / Equivalent	Step 1. Online Entrance Test (70 Marks) Step 2. Personal Interview with Industry + HVSU Experts (30 Marks) Step 3. Combined Merit List (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List
		D. Voc. (Industrial Electronics)	3 Years	20	16	25*(Age relaxation for Reserved Categories- 3 Years for BC and 5 Years for SC)			
	Skill Department of Plastic Engineering	Advanced Diploma in Plastic Technology	1 Year	20	18	30*(Age relaxation for Reserved Categories- 3 Years for BC and 5 Years for SC)	Online Entrance Test	3 Years Polytechnic Diploma in Plastic Technology/ Polymer/ Mechanical/ Chemical/ Electronics/ Electrical	Step 1. Online Entrance Test (70 Marks) Step 2. Personal Interview with Industry + HVSU Experts (30 Marks) Step 3. Combined Merit List (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List
	Skill Department of IT/ITeS and Computers	Post Graduate Diploma in Geo-Informatics	1 Year	20	21	35*(Age relaxation for Reserved Categories- 3 Years for BC and 5 Years for SC)	Online Entrance Test	B.E. or B.Tech./ Post Graduate degree in Geography, Geology, Agriculture, Architecture, Civil, Computer Science, Physics, Chemistry, Mathematics, Statistics, Soil Science, Earth Science, Environment, Urban Planning, Rural Management, Disaster Management, Forestry, Oceanography, MBA from a recognised University with a minimum 60% of marks	Step 1. Online Entrance Test (70 Marks) Step 2. Personal Interview with Industry + HVSU experts (30 Marks) Step 3. Combined Merit List (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List



• Skill Faculty of Management Studies and Research

S. No.	Department	Course	Duration	No. of Seats	Age Limit		Entrance Test	Eligibility	Selection Criteria
					Min	Max			
1.	Skill Department of Management Studies	B.Voc. (BPM and Analytics)	3 Years	30	18	30*(Age relaxation for Reserved Categories- 3 Years for BC and 5 Years for SC)	Online Entrance Test	10+2 <b>OR</b> 10 <sup>th</sup> plus (2 year or 3 years) Diploma in Modern Office / Secretarial Practices / Business Management/ Financial Auditing and Accounting/ Hotel Management/ Computer Science/ Information Technology/ Electronics & Communication/ Communication/ OMCA <b>OR</b> 10 + ITI (minimum 2 year in Modern Office/Secretarial Practices/Business Management/Computer Science/Information Technology/Electronics & Communication/Communication) with 2 subjects (1 Language & 1 Academic) Passed from any recognized board	Step 1. Online Entrance Test (70 Marks) Step 2. Group Discussion & Personal Interview with Industry + HVSU experts (30 Marks) Step 3. Combined Merit List (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List

• Skill Faculty of Applied Sciences and Humanities

S. No.	Department	Course	Duration	No. of Seats	Age Limit		Entrance Test	Eligibility	Selection Criteria
					Min	Max			
1.	Skill Department of Life Sciences & Health Care	Post Graduate Diploma in Public Health	1 Year	20	21	35*( Age relaxation for Reserved Categories- 3 Years for BC and 5 Years for SC)	Not Applicable	Graduate/Post-Graduate degree in Medicine, Ayush, Dental, Nursing, Pharmacy, Health Sciences, Physiotherapy, Occupational Therapy, Natural/ Life Sciences, BSW/ MSW	Step 1. Merit list based on marks obtained in qualifying exam (70 Marks) Step 2. Personal Interview with Industry + HVSU experts (30 Marks) Step 3. Combined Merit List (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List

- **Skill Faculty of Agriculture**

S. No.	Department	Course	Duration	No. of Seats	Age Limit		Entrance Test	Eligibility	Selection Criteria
					Min	Max			
1	Skill Department of Agriculture and Food Processing	Diploma in Ethnic Foods and Sweets Processing	1 Year	30	18	30*(For Reserved Categories- 3 Years for BC and 5 Years for SC)	Not Applicable	10+2 in any stream	Step 1. Merit list based on marks obtained in qualifying exam (70 Marks) Step 2. Personal Interview with Industry + HVSU experts (30 Marks) Step 3. Combined merit list (100 Marks) Step 4. Counselling based on the marks obtained in Combined Merit List Step 5. Final Merit List

### 1.5. Distribution & Reservation of Seats and Guidelines for Reservation

As per Reservation Policy notified by the Govt. of Haryana vide Notification No. 22/10/2013 - IGSIII dated 28/2/2013 the seat matrix is as follows:

S. No.	Programme	Seat Matrix as per Govt. of Haryana Current Reservation Policy						
		Intake	AIC (15%)	Haryana Domicile (85%)				
				HOGC (50%)	SC (20%)	BC-A (16%)	BC-B (11%)	DA/PwD (3%)
1	B.Voc. (Automotive Mechatronics)	30	4	13	5	4	3	1
2	B.Voc. (Automotive Manufacturing)							
3	B.Voc. ( Tool and Die Manufacturing )							
4	B.Voc.. ( Robotics and Automation)							
6	B.Voc. ( BPM and Analytics )							
5	Diploma in Ethnic Foods and Sweets Processing	20	3	8	3	3	2	1
7	D.Voc. (Industrial Electronics)							
8	Advanced Diploma in Plastic Technology							
9	Post Graduate Diploma in Geo-Informatics							
10	Post Graduate Diploma in Public Health							

AIC: All India Category      HOGC: Haryana Open General Category

**Note:**

1. Reservation of Seats for the domicile/ residents of village Panchayat (s): As per notification of the State Government 01 seat per branch (within sanctioned intake) is reserved for the domicile/ residents of the village Panchayat (s) which has gifted land free of cost/ on lease to the State Government.
2. There will be 01 seat reserved for the migrants from the J&K under Supernumerary seats - over and above the sanctioned seats.

### Guidelines for Reservation:

1. The Reservation of seats is as per the Reservation Policy of the Govt. of Haryana and is subject to any change/ amendment by the State Govt. from time to time.
2. If the reserved seat (s) of BC Block 'A' remain vacant these will be filled up from BC Block 'B' and vice versa.
3. If any seat of reserved category remains vacant, the same will be filled from general category.
4. If a candidate of Haryana General, Scheduled Caste (SC) and Backward Class (BC) also apply for Differently abled/ PwD category, he/ she will be considered first for the Haryana General, SC and BC category.
5. Candidates claiming reservation under SC will submit the Certificate as per **Annexure-II**, BC (Block 'A' & 'B') will submit the Certificate on the prescribed proforma as per **Annexure-III** at the time of their Counseling.
6. BC (Block 'A' & 'B') candidates for benefit of reservation shall also have to furnish an affidavit on the prescribed proforma to the effect that he/she is not covered under the criteria of creamy layer as per **Annexure-IV** at the time of counseling. The said affidavit shall be furnished jointly by the parents of the candidate. The children of persons having gross income of up to Rs. 3,00,000.00 (Rupees three lakh only) per annum shall get the benefit of reservation in admission first. The balance seats shall go to these BCs citizens who earn more than Rs. 3,00,000.00 to Rs. 6,00,000.00 per annum. The Sections of the BCs earns above Rs. 6,00,000.00 per annum shall be considered as Creamy Layer under Section 5 of the Haryana Backward Classes (Reservation in Services and Admission in Educational Institutions) Act, 2016.
7. Only the candidates having permanent disability of not less than 40% (being otherwise fit for admission to the course) will be considered for admission as Differently abled. The disability certificate, as per **Annexure-V** must be issued by the Chief Medical Officer of the concerned district.
8. All the eligible candidates, whether from Haryana or from reserved categories can also compete for seats allocated under AIC.
9. All the eligible candidates of reserved categories shall be considered first for Haryana General Category seats.
10. Candidates who have passed their qualifying examination from a university in the State of Haryana will be deemed to be Haryana residents and will not be required to submit certificates of bonafide residents of Haryana.
11. Candidate needs to submit migration certificate at the time of admission if his/ her qualifying examination body is not Haryana.



## 2. Admission Process

### 2.1 Key Dates:

Faculty	Department	Course	Key Dates							
			Date of Start of online application	Last Date for online Submission of application form	Online Entrance Test	Result of Online Entrance Test	Personal Interview/Group Discussion	1 <sup>st</sup> Counselling	2 <sup>nd</sup> Counselling	Final Merit
Skill Faculty of Engineering and Technology	Skill Department of Automotive Studies	B. Voc. (Automotive Mechatronics)	21 April 2018	21 May 2018	16 June – 20 June 2018	27 June 2018	30 June – 04 July	12 July – 20 July	22 July	
		B. Voc. (Automotive Manufacturing)	21 April 2018	21 May 2018						
		B. Voc. (Tool and Die Manufacturing)	21 April 2018	21 May 2018						
	Skill Department of Robotics	B. Voc. (Robotics and Automation)	21 April 2018	21 May 2018						
		D. Voc. (Industrial Electronics)	21 April 2018	21 May 2018						
	Skill Department of Plastic Engineering	Advanced Diploma in Plastic Technology	21 April 2018	21 May 2018						
	Skill Department of IT/ITeS and Computers	Post Graduate Diploma in Geo-Informatics	21 April 2018	21 May 2018						
	Skill Department of Management Studies	B. Voc. (BPM and Analytics)	21 April 2018	21 May 2018						
Skill Faculty of Applied Sciences and Humanities	Skill Department of Life Sciences & Health Care	Post Graduate Diploma in Public Health	21 April 2018	09 July 2018	NA	NA	19 July - 21 July	25 July – 31 July	02 August	
Skill Faculty of Agriculture	Skill Department of Agriculture and Food Processing	Diploma in Ethnic Foods and Sweets Processing	21 April 2018	09 July 2018	NA	NA	19 July - 21 July			

#### Note:

1. If there are any changes in the above mentioned dates, the same will be updated on the University's website [www.hvsu.ac.in](http://www.hvsu.ac.in). The applicants are advised to visit the website from time to time. No separate information will be sent to the applicants.
2. Online Admit card can be downloaded from 8<sup>th</sup> June 2018 onwards.

## 2.2. General Instructions for Online Application Form

1. Before filling the Online Application Form, the candidates are required to read the Prospectus/ guidelines/ instructions available on University website carefully. Candidates will submit their Application Forms online on the University's website: [www.hvsu.ac.in](http://www.hvsu.ac.in) for admission to various courses. Candidates are required to bring all their original Certificates along with two sets of self-attested photocopies on the day of counselling.
2. The candidates shall be allowed to appear in the Online Entrance Test (if applicable) provisionally subject to determination of eligibility at a later stage. The candidates shall have no right to claim admission to any course merely due to their appearing in the Online Entrance Test.
3. No column should be left blank in the Online Application Form; write N.A. against the column which is not applicable. Otherwise it will be considered as incomplete and liable to be rejected.
4. In case any candidate is found to have supplied false information, certificates, documents etc. or is found to have withheld or concealed some information in his/ her Application Form, he/she shall be liable to be debarred from admission to the course.
5. If a candidate is admitted on the basis of the information submitted by him/ her, which is found to be incorrect or false at a later stage, his/ her admission will be cancelled and all fees and other dues paid by him/ her shall be forfeited. The University/ Faculty may also take further action, as deemed fit, against the candidate and his/ her guardian.
6. Any legal dispute relating to admission of students will be subject to Courts at Palwal/ Gurugram or Courts having jurisdiction in Palwal/ Gurugram.
7. As per directions of the Director, Higher Education, Haryana, Panchkula vide their letter No. 18/30-2015 UNP (4) dated 08.03.2017 link AADHAR ID with the bank account is mandatory for all the students to be admitted in the University Teaching Departments/ Faculties and affiliated Colleges/ Faculties w.e.f. the session 2017-18. Every student shall be in possession of AADHAR Number at the time of admission.

## 2.3. Online Entrance Test/ Application Fees

- |                          |          |
|--------------------------|----------|
| (a) General              | : Rs 200 |
| (b) BC/Kashmiri Migrants | : Rs 100 |
| (c) SC                   | : Free   |
| (d) PWD                  | : Free   |
| (e) Female               | : Free   |

### Note:

1. Category-wise fee is applicable for Haryana Domicile only.
2. Number of shortlisted candidates to be called for personal Interview/Group Discussion will be 5 time of total intake of the respective programme.
3. A candidate can give preference out of 4 programmes offered under Comm on Entrance Test (CET). The admission fee for CET (for all four programmes) would be only as per Gen (Rs. 200), BC/ Kashmiri Migrants (Rs. 100) and No-fees for SC, DA/ PwD, and Female.

## 2.4. General Instructions for Online Entrance Test

1. Candidates can download their Admit Cards (only for Online Entrance Test based courses) from the University website before the date of conduct of Online Entrance Test. In case, due to any reason, a candidate cannot download his/ her Admit Card two days before the Entrance Test, he/she must contact the office of the Deputy Registrar (Examination) – HVSU (Email: [dr2hvsu@gmail.com](mailto:dr2hvsu@gmail.com), mobile - 9999108901). Such candidates must bring two recent passport size photographs duly attested by a Gazetted Officer or Head of the department/ faculty last attended by him/ her to obtain duplicate Admit Card, 1-2 days before the Online Entrance Test. No Admit Card will be issued on the day of Online Entrance Test.
2. Candidates applying for Common Entrance Test (CET) for B. Voc. in Automotive Manufacturing, B. Voc. in Automotive Mechatronics, B. Voc. in Robotics & Automation and B. Voc in Tools & Die Manufacturing shall need to fill preferences before downloading their Admit Card.
3. Candidate must bring legibly printed Admit Card and one identity proof like Driving License, Voter Card, Aadhaar Card, Passport etc. at the Examination Centre failing which candidate will not be allowed to enter in the Examination Centre.
4. Candidates must not write or change any entry made in the Admit Card after it has been received by them.
5. Candidates must bring the Admit Cards with them at the time of Entrance Test. Without Admit Card, the candidates will not be allowed to appear in the Entrance Test.
6. Candidates are advised to sit only at the seat allocated to him by the Administrator/ Center Superintendent/ invigilator. At the start of the examination and within first five minutes, candidates are advised to ensure that the computer assigned to him/ her is working properly. In case any technical fault noticed by the candidate, he should report to the invigilator immediately.
7. Candidates are warned not to carry any mobile phone or any type of electronic or communication device. If any candidate is found possessing any such item, he/ she will not be allowed to enter in the examination centre. Candidate found possessing mobile phone and any other aiding material/ device as mentioned above in the examination room will be treated serious violation and it will amount to cancellation of the candidature.

### Note:

1. The clock has been set at server and countdown timer at the top right corner of the screen will display left out time to closure from where you can monitor time you have to complete the exam.
2. Click one of the answer option buttons to select your answer.
3. To change an answer, simply click the desired option button.
4. Click on SAVE and NEXT to save the answer before moving to the next question. The next question will automatically be displayed.
5. The answer once saved, cannot be changed.
6. Make sure you click on SAVE and NEXT button every time you want to save your answer.
7. To go to a question, click on the question number in the Question Palette on the right hand side of the screen.
8. The color coded diagram on the right side of the screen shows the status of the questions
  - i) White - you have not visited question
  - ii) Red - you have not answered question
  - iii) Green - you have answered question

9. Only the answered questions (saved) will be considered for calculating the final score.
10. When the time left becomes 0, then your assessment will be submitted by default, and you will not be able to make any changes.
11. Do Not PRESS any keyboard key once the exam has started. This will LOCK your exam. To re-connect with the exam the invigilator has to unlock, so that you can and continue giving the exam.
12. If there is a power failure or network problem while candidate is attempting the exam, Candidate can login again after the problem is resolved and continue the Exam. Candidate will be allocated the remaining time and the remaining unattempted questions.
13. After the candidate starts the examination it will end automatically after the stipulated time elapses provided the candidate must be logged in to the exam system during the time elapses.
14. If candidate closes the exam window without ending the test or before Time UP, his/her result will not be considered.
15. Once the examination time is up, candidates will not be able to attempt it again.
16. Candidate needs to complete the exam in the allotted time only. Extension of time is not allowed.
17. Qualifying online entrance test does not confer a right on any person for confirmed admission to any course.

## 2.5. Syllabus for Online Entrance Test

The eligible applicants will have to appear in the Online Entrance Test as per the given schedule. This test will be of 1 hour duration having 70 Multi Choice Questions (MCQ) of one mark each. There will be no negative marking.

- **CET: For B. Voc. (Automotive Mechatronics/Automotive Manufacturing/ Tool and Die Manufacturing/ Robotics and Automation)\***

S. No.	Topic	Sub Topics	Approximate No. of Questions (1 mark each)
1	English Language	Synonyms, Antonyms, Sentence Completion, Spelling Correction, Correct Sentence Selection	05
2	Reasoning (Verbal)	Letter & Symbol Series, Statement and Argument, Alphabet Test, Passage and Conclusions, Blood Relations, Direction Sense Test, Coding-Decoding, Number Ranking, Making Judgments, Analogy, Series, Logical Arrangement of Words, Inserting the Missing Character, Clock, Calendar, Sitting arrangements, Syllogism	10
3	Quantitative Aptitude	Simplification/Approximation, Number Series, Quadratic Equation, Average, Simple & Compound Interest, Profit Loss, Ratio & Proportion, Time & Work, Speed & Distance, Boats & Streams, Area & Volume	10
4	Data Analysis	Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams	10
5	General Knowledge	Current Affairs	05
6	Haryana State Special	Haryana Current Affairs	05
7	General Science	Science in Everyday Life, Computer Fundamentals	05
8	Subject Specific	Physics, Chemistry, Mathematics	20

• **Syllabus for Online Entrance Test for D. Voc. (Industrial Electronics)\***

S. No.	Topic	Sub Topics	Approximate No. of Questions (1 mark each)
1	English Language	Synonyms, Antonyms, Sentence Completion, Spelling Correction, Correct Sentence Selection	05
2	Reasoning (Verbal)	Letter & Symbol Series, Statement and Argument, Alphabet Test, Passage and Conclusions, Blood Relations, Direction Sense Test, Coding-Decoding, Number Ranking, Making Judgments, Analogy, Series, Logical Arrangement of Words, Inserting the Missing Character, Clock, Calendar, Sitting arrangements, Syllogism	10
3	Quantitative Aptitude	Simplification/Approximation, Number Series, Quadratic Equation, Average, Simple & Compound Interest, Profit Loss, Ratio & Proportion, Time & Work, Speed & Distance, Boats & Streams, Area & Volume	10
4	Data Analysis	Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams	10
5	General Knowledge	Current Affairs	05
6	Haryana State Special	Haryana Current Affairs	05
7	General Science	Science in Everyday Life, Computer Fundamentals	15
8	Subject Specific	Basic Mathematics (up to 10 <sup>th</sup> class)	10

• **Syllabus for Online Entrance Test for Advanced Diploma in Plastic Technology\*\***

Sr. No.	Topic	Sub Topics	Approximate No. of Questions (1 mark each)
1	English Language	Synonyms, Antonyms, Sentence Completion, Spelling Correction, Correct Sentence Selection	05
2	Reasoning (Verbal)	Letter & Symbol Series, Statement and Argument, Alphabet Test, Passage and Conclusions, Blood Relations, Direction Sense Test, Coding-Decoding, Number Ranking, Making Judgments, Analogy, Series, Logical Arrangement of Words, Inserting the Missing Character, Clock, Calendar, Sitting arrangements, Syllogism	10
3	Quantitative Aptitude	Simplification/Approximation, Number Series, Quadratic Equation, Average, Simple & Compound Interest, Profit Loss, Ratio & Proportion, Time & Work, Speed & Distance, Boats & Streams, Area & Volume	10
4	Data Analysis	Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams	10
5	General Knowledge	Current Affairs	05
6	Haryana State Special	Haryana Current Affairs	05
7	General Science	Science in Everyday Life, Computer Fundamentals	05
8	Subject Specific	Physics, Chemistry, Mathematics	20

• **Syllabus for Online Entrance Test for B. Voc. (BPM and Analytics)\***

S. No.	Topic	Sub Topics	Approximate No. of Questions (1 mark each)
1	English	Synonyms, Antonyms, Tenses, Spelling Correction, Correct Sentence Selection	20
2	Reasoning & Quantitative Aptitude	Number Series Coding-Decoding Problem on Trains Time & Work Question General Arithmetic (P&L, SI, Average, etc) Relationship Concept Word Arrangement	05 05 05 05 05 05 05
3	Computer	Basic Computers	10
4	General Knowledge	Current Affairs, Haryana Current Affairs	05

• **Syllabus for Online Entrance Test for Post Graduate Diploma (Geo-Informatics) \*\***

S. No.	Topic	Sub Topics	Approximate No. of Questions (1 mark each)
1	English Language	Synonyms, Antonyms, Sentence Completion, Spelling Correction	10
2	Reasoning (Verbal)	Letter & Symbol Series, Statement and Argument, Alphabet Test, Passage and Conclusions, Blood Relations, Direction Sense Test, Coding-Decoding, Number Ranking, Making Judgments, Analogy, Series, Logical Arrangement of Words, Inserting the Missing Character, Clock, Calendar, Sitting arrangements, Syllogism	10
3	Quantitative Aptitude	Simplification/Approximation, Number Series, Quadratic Equation, Average, Simple & Compound Interest, Profit Loss, Ratio & Proportion, Time & Work, Speed & Distance, Boats & Streams, Area & Volume	10
4	Data Analysis	Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams	10
5	General Knowledge	Current Affairs	05
6	Haryana State Special	Haryana Current Affairs	05
7	Computer	Computer Fundamentals	10
8	GIS	Geo Informatics	10

\* The Difficulty Level of the Entrance Test for B.Voc., D.Voc. Courses will be of 10<sup>th</sup> Standard.

\*\* The Difficulty Level of the Entrance Test for Advanced Diploma, PGD Courses will be of 12<sup>th</sup> Standard.

## 2.6. General Instructions for Personal Interview/ Group Discussion

The personal interview is essential component for admission to various courses for which a list of shortlisted candidates shall be prepared keeping in view the reservation policy and number of seats in each category. Five times of the number of seats in respective categories on the basis of the marks of Online Entrance Test/ marks obtained in Qualifying Exam (where Online Entrance Test is Not Applicable) shall be shortlisted for the interview. The list of shortlisted candidates shall be displayed on the Notice Board of the University and also on the website. No separate communications will be sent for interview. Only eligible and short listed candidates will be allowed to attend personal interview/ group discussion. Information regarding location and time of the Personal Interview/ Group Discussion of the short-listed candidates will be available on University website.

The Candidates must bring the relevant original documents (details provided in table below) and two sets of self-attested photocopies of documents/certificates/testimonials for verification at the time of personal interview/ group discussion.

Sr. No.	Course Name	Documents Required
1	D. Voc. in Industrial Electronics	1. D.O.B 2. Category certificate 3. DMC (8th, 10th/ITI) 4. Certificates (8th, 10th/ITI) 5. Domicile certificate 6. Income certificate (for BC: Non-Creamy layer)
2	B. Voc. in Automotive Manufacturing	1. D.O.B 2. Category certificate 3. DMC (10th, 12th/ITI/Diploma) 4. Certificates (10th, 12th/ITI/Diploma) 5. Domicile certificates 6. Income certificate (for BC: Non-Creamy layer)
3	B. Voc. in Automotive Mechatronics	
4	B. Voc. in Robotics & Automation	
5	B. Voc. in Tools & Die Manufacturing	
6	B. Voc. in BPM and Analytics	1. D.O.B 2. Category certificates 3. DMC (10th, 12th/ITI/Diploma) 4. Certificates (10th, 12th/ITI/Diploma) 5. Domicile certificate 6. Income certificate (for BC: Non-Creamy layer)



7	Advanced Diplomain Plastic Technology	<ol style="list-style-type: none"> <li>1. Proof of Date of birth (DOB)</li> <li>2. Category certificate</li> <li>3. (10th, 3 Years Polytechnic Diploma)</li> <li>4. Certificate (10th, 3 Year Polytechnic Diploma)</li> <li>5. Domicile certificate</li> <li>6. Income certificate (for BC: Non-Creamy layer)</li> </ol>
8	Diploma in Ethnic Foods and Sweets Processing	<ol style="list-style-type: none"> <li>1. D.O.B</li> <li>2. Category certificate</li> <li>3. DMC (10th, 10+2)</li> <li>4. Certificates (10th, 10+2)</li> <li>5. Domicile certificate</li> <li>6. Income certificate (for BC: Non-Creamy layer)</li> </ol>
9	Post Graduate diploma in Public Health	<ol style="list-style-type: none"> <li>1. D.O.B</li> <li>2. Category certificate</li> <li>3. DMC (10th, 10+2, Graduation, Post Graduation)</li> <li>4. Certificates (10th, 10+2, Graduation, Post Graduation)</li> <li>5. Domicile certificate</li> <li>6. Income certificate (for BC: Non-Creamy layer)</li> </ol>
10	Post Graduate Diploma in GeoInformatics	<ol style="list-style-type: none"> <li>1. D.O.B</li> <li>2. Category certificate</li> <li>3. DMC (10th, 10+2, Graduation, Post Graduation)</li> <li>4. Certificates (10th, 10+2, Graduation, Post Graduation)</li> <li>5. Domicile certificate</li> <li>6. Income certificate (for BC: Non-Creamy layer)</li> </ol>

## 2.7. General Instructions for Counselling

1. Counselling for admission to the courses mentioned above will be held in the respective department/ faculty of the University as per schedule mentioned on the University's website.
2. The candidates are required to present themselves at the Counselling venue according to the counselling date. They will be called in for counselling one by one on the basis of their rank/ merit order computed as per the admission criteria.

**Note: In case two or more candidates have same rank/ merit order:**

- (a) The students who have applied through online entrance test for admission, their criteria of merit will be according to the percentage of marks secured in the qualifying examination.
  - (b) The students who have applied for a course which has no online entrance test and is based on percentage of marks obtained in the qualifying examination, in case of a tie, the admission will be made on the basis of (i) Marks obtained in the penultimate class (es) (ii) Seniority in age.
3. The candidates will be required to submit all their original certificates/ documents/ testimonials as mentioned in the Prospectus before the Admission Committee for verification. They will also be required to bring two sets of self-attested copies of all such certificates/ documents/ testimonials. The Admission Committee will check the eligibility of the candidates. In case, the candidate is found ineligible his/ her candidature will be cancelled. Admission slip will be issued to those candidates who are found eligible by the Admission Committee.
  4. Under no circumstances the original certificates of the candidate shall be retained by any department/ faculty of the University.
  5. Candidates whose result of their qualifying examination is declared late (for online entrance test only), can submit their Result Card/ DMCs on the day of first, and second counselling in the department/ faculty, subject to availability of vacant seats.



## 2.8. Procedure for Preparing Final Merit List

Benefit of reservation will be given to all the reserved categories in accordance with the reservation policy given in the Prospectus. Final merit list including weightages/ reservations etc. will be displayed on the Notice Board of the department/ faculty concerned on the scheduled dates and will also be available on the website: [www.hvsu.ac.in](http://www.hvsu.ac.in). It shall be the sole responsibility of the candidate to remain in touch with the department/ faculty concerned to ascertain the progress of admissions. There will be no separate communication in this regard from the University.

## 2.9. Programme Fees Details

S. No.	Programme	Duration of Course (semesters)	Course Fees (Rs.)								Total Fee (Subsidized)
			On the Time of Admission			Semester wise Fee					
			Admission Fee	Security Fund (*Refundable)	Total	Tuition Fee	Examination Fee	Student Activity Fund	Misc Fund	Total	
1	B.Voc. (Automotive Mechatronics)	6	2000	1000	3000	2000	2500	300	200	5000	33000
2	B.Voc. (Automotive Manufacturing)	6									
3	B.Voc. (Tool and Die Manufacturing)	6									
4	B.Voc. (Robotics and Automation)	6									
5	B.Voc. (BPM and Analytics)	6	2000	1000	3000	2000	2000	300	200	4500	30000
6	D.Voc. (Industrial Electronics)	6	2000	1000	3000	1500	1500	300	200	3500	24000
7	Advanced Diploma in Plastic Technology	2	2000	1000	3000	2000	2500	300	200	5000	13000
8	Diploma in Ethnic Foods and Sweets Processing	2	2000	1000	3000	2000	2500	300	200	5000	10000
9	Post Graduate Diploma in Geo-Informatics	2	2000	1000	3000	1500	2000	300	200	4000	11000
10	Post Graduate Diploma in Public Health	2	2000	1000	3000	1500	2000	300	200	4000	11000

**Note :** Assessment Fee charged by respective Sector Skill Council (SSC) is not included in the above fee structure. Fee will vary from SSC to SSC. and will be charged accordingly

## 3. The Academic Programmes

### 3.1 Diploma in Ethnic Foods and Sweets Processing

#### About the Programme

The Industry driven by taste buds, is recently under a revolution. Indian ethnic foods are filling up the market space yielded by the fast and continental foods. Consumer is gravitating towards the Indian food for its simplicity and healthy ingredients. To cater for this ever growing segment, HVSU has designed a Diploma in Ethnic Foods & Sweets Processing under dual vocational education model. The programme is aligned with National Skill Qualification Framework (NSQF) Level 5, which will be conducted at HVSU in collaboration with our industry partner Bikanervala Foods Pvt. Ltd. Processing of ethnic foods involves use of raw ingredients to produce marketable food products that can be easily prepared and served to the consumer. Typically processing activities are mincing, emulsification, cooking (boiling, broiling, frying and grilling), pasteurization, preservation and canning

or other packaging. Primary processing also includes dicing, slicing, freezing and drying when preparing secondary products.

### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with Bikanervala Foods Pvt. Ltd., which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

Bikanervala Foods Pvt. Ltd. is a leading manufacturer of Indian foods, snacks and sweets and restaurateur of in India and abroad. Bikanervala has paid attention to the aspect of training and skilling of its workforce and has sufficient infrastructure.

#### On-the-job Training (OJT)

The OJT is a mandatory constituent of the Diploma in Ethnic Foods & Sweets Processing. The department will accommodate the students to get OJT across different job-roles in each semester so as to focus on outcome-based learning. As a part of programme's training delivery, all students will have to undergo OJT schedule at the industry partner's shop floor/ workplace to work on the actual machines/ business processes. OJT working hours shall be linked to the required credits for the course. The daily duration of OJT shall be a maximum of nine (09) hours. The OJT shall be carried out under the supervision of supervisor-cum-trainer nominated by industry partner industry.

The students during their OJT shall:

- Observe the industry's occupational health and safety rules and processes.
- Follow the rules and instructions of HVSU
- Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor/ work place
- Be in the uniform of University/ industry as applicable.
- Maintain their daily diaries.

For the duration of OJT with industry, students shall receive stipend as per industry norm

The details of the OJT areas and duration are as follows:

Semester	OJT Areas	Job Roles
I	Convenience Food Processing and Traditional Snacks & Savory processing	1st Semester OJT comprise of training that will enable the student to become job ready for the job-roles of: (a) Operator Convenience Food Making (b) Operator Snacks & Savoury Processing
II	Indian Sweets Processing and Indian Ethnic Food Processing	2nd Semester OJT comprise of training that will enable the student to become job ready for the job-roles of Ethnic Foods & Sweets Maker or a Supervisor in such industry.

**Note:** OJT of students will be done with Industry partner Bikanervala Foods Pvt. Ltd. Gurugram.

## 3.2 Diploma of Vocation (D. Voc.) in Industrial Electronics

### About the Programme

Wires and Cables constitute the most critical part of Electrical, Electronic and Electro-Mechanical applications in all core and allied industries, with an Indian cable/wire market being projected at INR 40,000 Crores in next 5 years and pegged to grow @ 7-8 percent per annum. No device/application comprising Electrical Applications can be conceived without wires/cables. Newer technologies are continuously evolving for designing tools & jigs, newer processes and applications for wire harnessing and cable manufacturing, their use in various industries/instruments/devices/applications. The cable and wire manufacturing is getting impetus by integration of Artificial Intelligence, Big Data Analysis, Internet of Things (IOT), and 3D printing aggregate technologies to make processes as cost effective and highly efficient.

Diploma of Vocation (Industrial Electronics) is aligned to NSQF Level -5 and designed on Dual Education Model. HVSU in association with EastWest Automation Technology Pvt. Ltd. shall conduct the program, which will enable the students to realise complexity of processes handled at cable/wire manufacturing, its importance, applications and quality control. The program will prepare students to access, analyse, manage, and present data to enable the organisation for effective decision-making. The focus of this program is to familiarize the students with the environment of electronics process which is essential for manufacturing different kinds of wires and cables as per the industry requirements. The program will also include courses like Communication & Life Skills, Introduction to Electronics and Electrical Engineering, Basic & Advanced Wire Harnessing, Environment Science, Statistical Process Model, Quality Management, Basics of Computer, Spreadsheet Modelling, Industrial Marketing, etc. The scope of Industrial Electronics ranges from the design and maintenance of simple electrical fuses to complicated programmable logic controllers (PLCs), solid-state devices and motor drives. Industrial Electronics can handle the automation of all types of modern day electrical and mechanical industrial processes.

### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with East West Automation, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

([www.eastwestautomation.com](http://www.eastwestautomation.com)):

EastWest Automation is an ISO 9001, TS-16942 & UL approved company which was established in 1994. The company is a well-established manufacturer and exporter of wiring harness for a wide range of products like Automotive Harness, Telecom Harness, CNG Harness, White Goods Harness, UPS Inverter Harness etc. and entire range of Molex housings, terminals, connectors and headers. The company strives to become the preferred supplier in its product segment. Company has its manufacturing facilities at Gurugram and Bahadurgarh. The company has a complete knowhow to provide solutions to its customers for manufacturing, designing and developing, from first principles concept to supply the customized products to its customers.

### OJT

It is a mandatory component of D. Voc. in Industrial Electronics Course. The department will accommodate the students to get On-Job-Training across different job roles in each semester at partner Industry shop floor/ workplace to work on the actual machines.

The daily duration of OJT shall be maximum of nine (09) hours for five days a week. The OJT shall be carried out under the supervision of Industry Partner nominated supervisor-cum-trainer.

The Students in OJT shall:

- Observe the industry's occupational health and safety rules and processes.
- Follow the rules and instructions of the University.
- Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor/ workplace.
- For the duration of OJT with industry, students shall receive stipend as per industry norms.

The details of OJT areas and their duration are as follows:

Year	OJT Areas	Job Roles
I	1. Wire Cutting 2. Wire Stripping 3. Tinning Terminal 4. Crimping	After completion of First Year of Diploma in Industrial Electronics, student will be NSQF L-3 certified and able to work on the Wire Cutting Machines, Crimping Machines, and Wire Stripping Machines. The students will be able to cut, crimp and strip wire manually.
II	1.Tinning 2. HST Shrinkage 3. Soldering 4. Cap Insertion 5. Injection Moulding	After completion of Second Year of Diploma in Industrial Electronics, student will be NSQF L-4 certified and will be able to work on the automated and semi-automated Wire Bonding Machines. He will be efficient enough to handle customer complaints and install new wires.
III	1.Ferrule Insertion 2. Housing Assembly 3.Continuity 4.Product Marketing	After completion of Third Year in Diploma of Industrial Electronics, student will be NSQF L-5 certified and will be able to understand the product requirements, manufacture the product as per specification and marketing.

**Note:** OJT of students will be done with Industry partner East West Automation Technology Pvt. Ltd, Bahadurgarh.

## 3.3 Bachelor of Vocation (B. Voc.) in Automotive Manufacturing

### About the Programme

The world is entering into the Fourth Industrial Revolution, known as Industry 4.0. Immersive technologies like Virtual Reality and Augmented Reality with aggregate manufacturing technologies based on 3D Printing coupled with holography are making it happen. Further integration of processes with Artificial Intelligence, Big Data Analytics and Internet of Things are making machines/ systems to be more intelligent, creative, cost-effective and highly efficient, leading towards total automation of all aspects of manufacturing. The services/ utilities/ products/ processes related to automotive manufacturing are getting exponentially automated, self-driven and on auto-pilot systems. Haryana



Vishwakarma Skill University (HVSU) in collaboration with Hero MotoCorp, a known brand of the automotive world has designed a Bachelor of Vocation (Automotive Manufacturing) program which is aligned to National Skills Qualifications Framework (NSQF) Level-7 based on Dual Education Model. The program will enable the students to realise the complexities of the manufacturing processes, handled at the shop floors of the industry. The focus of the program is to prepare them to get familiar with the manufacturing ecosystem, while working with the industry and also be able to effectively use the tools and equipment for achieving the stringent quality standards in the manufacturing in an optimized manner.

### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with Hero MotoCorp, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

([www.heromotocorp.com](http://www.heromotocorp.com)):

Hero MotoCorp Ltd. (Formerly Hero Honda Motors Ltd.) is the world's largest manufacturer of two-wheelers, since 2001, with its current turnover of Rs.32, 000 Crores. Hero MotoCorp commenced its production as a joint venture between Hero Cycles of India and Honda of Japan in 1984, based on the Japanese know-how and technology. In August 2011, the company was renamed Hero MotoCorp, as a new public company under Mr. Brijmohan Lal Munjal, as Founder, with its Head Office at New Delhi. Hero MotoCorp has manufacturing units at Dharuhera, Gurugram, Haridwar, Neemrana and Vadodara. Their products include motorcycles and scooters.

### OJT

It is mandatory part of B. Voc. in Automotive Manufacturing. The department will accommodate the students to get On Job Training across different job roles in each semester so as to focus on outcome based learning.

- As a part of programme's training delivery, all students will have to undergo On-the-job-training (OJT) schedule at the industry partner's shop floor/ workplace to work on the actual machines/ business processes.
- OJT working hours shall be linked to the required credits for the course. The daily duration of OJT shall be a maximum of nine (09) hours for 6 days in a week. The OJT shall be carried out under the supervision of partner industry nominated supervisor-cum-trainer.
- The students during their OJT shall:
  - (a) Observe the industry's occupational health and safety rules and processes.
  - (b) Follow the rules and instructions of Haryana Vishwakarma Skill University.

- (c) Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor/ work place.
- (d) Be in the uniform of University/ Industry as applicable.
- (d) Maintain their daily diaries.

For the duration of OJT with industry, students shall receive stipend as per industry norms

The details of OJT Areas & duration are as follows:

Semester	OJT Areas	Job Roles
I	Assembly line, Welding shop, Machine shop (As an Jr. Operator)	After the completion of first Semester of B. Voc. in Automotive Manufacturing, the students will be NSQF L4 certified and will be able to operate a variety of machine tools to assemble mechanical and electrical components for automobile assemblies like Engines, Transmission Equipment and produce precision parts, tools and instruments.
II	Assembly line, Frame Assembly, Welding shop , Machine shop (As an Operator)	After the completion of First year in B. Voc. in Automotive Manufacturing, the students will be NSQF L5 Diploma and will be able to work in the assembly line for fitment of various electrical and mechanical components used in the automotive industry/ assembly of vehicles in the production line/ machining processes such as milling, grinding, broaching, honing etc. and manage operations for a line or a shift to fulfil the production plan through ensuring machining the parts as per work instructions/ standard operating procedures/ various material processes like welding, soldering and brazing for joining various types of metallic frames, structures, jigs, plates, sheets etc.
III & IV	Machine shop/ Welding shop (As a Supervisor)	After the completion of Second year in B.Voc. in Automotive Manufacturing, the students will be NSQF L6 Advanced Diploma and will be able to work towards manufacturing the products through supervising staff, organizing and monitoring work flow for various machining processes/ manage various joining operations like welding, soldering and brazing etc.
V & VI	Quality and Inspection Department	After the completion of Third year the students will be qualified for NSQF L7 and awarded B. Voc. (Automotive Manufacturing). They will be responsible for quality inspection, performance improvement of in-process products and their manufacturing processes in order to deliver high-end quality to the customers.

**Note:** OJT of students will be done with Industry partner Hero MotoCorp, Dharuhera.

### 3.4 Bachelor of Vocation (B. Voc.) in Automotive Mechatronics

#### About the Programme

The world is leaping towards total automation of all aspects of human life. All services/ utilities/ products/ processes are exponentially getting automatic, self-driven and on auto pilot systems. Artificial Intelligence (AI), Big Data Analysis and Internet of Things (IOT) are making machines/ systems to be intelligent creative, cost effective and highly efficient, leading to 4<sup>th</sup> industrial revolution , known as “Industry 4.0”. Mechatronics is a synergistic combination of precision Mechanical Engineering, Electronic/ Computers, Control and Automatic systems for the design of products and manufacturing processes. B.Voc. Program in Automotive Mechatronics, designed for the NSQF Level -7 is conceived on Dual Education System, where HVSU provides subjects teaching and skills are learned by students as “On-the-Job-Training (OJT)” at the shop floor of our industry partner Hero MotoCorp, under credit system . The course curriculum imparts synergistic integration of Mechanical, Electronics, Control theory, and Computer Science, as applied to product design and manufacturing. It ensures optimization of various process functionalities and productivity enhancement.

#### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students’ employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and

deployed Industry Integrated Dual Education Model (IIDEM) that facilitates “Earn-while-Learn” and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with Hero MotoCorp, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

([www.heromotocorp.com](http://www.heromotocorp.com)):

Hero MotoCorp Ltd. (Formerly Hero Honda Motors Ltd.) is the world's largest manufacturer of two-wheelers, since 2001, with its current turnover of Rs.32,000 Crores. Hero MotoCorp commenced its production as a joint venture between Hero Cycles of India and Honda of Japan in 1984, based on the Japanese know-how and technology. In August 2011, the company was renamed Hero MotoCorp, as a new public company under Mr. Brijmohan Lal Munjal, as Founder, with its Head Office at New Delhi. Hero MotoCorp has manufacturing units at Dharuhera, Gurugram, Haridwar, Neemrana and Vadodara. Their products include motorcycles and scooters.

### OJT

It is mandatory part of B. Voc. in Automotive Mechatronics. The department will accommodate the students to get OJT across different job roles in each semester so as to focus on outcome based learning.

- As a part of programme’s training delivery, all students will have to undergo OJT schedule at the industry partner’s shop floor/ workplace to work on the actual machines/ business processes.
- OJT working hours shall be linked to the required credits for the course. The daily duration of OJT shall be a maximum of nine (09) hours for 6 days in a week. The OJT shall be carried out under the supervision of partner industry nominated supervisor-cum-trainer.
- The students during their OJT shall:
  - (a) Observe the industry’s occupational health and safety rules and processes.
  - (b) Follow the rules and instructions of Haryana Vishwakarma Skill University.
  - (c) Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor/ work place.
  - (d) Be in the uniform of University/ Industry as applicable.
  - (d) Maintain their daily diaries.

For the duration of OJT with industry, students shall receive stipend as per industry norms

The details of OJT Areas & duration are as follows:

Semester	OJT Areas	Job Roles
I	Work as Technician in Maintenance Electrical, Maintenance Engine Plant, Frame Assembly unit.	After the completion of first Semester of B. Voc. in Automotive Mechatronics, the students will be NSQF L4 certified and will be able to work as Maintenance Technician in automotive manufacturing Industry.
II	Work as Operator level in Maintenance Electrical,	After the completion of first year in B.Voc. in Automotive Mechatronics, the students



	Maintenance Engine Plant, Frame Assembly unit	will be NSQF L5 certified and will be able to work as Operator level in Automotive Manufacturing Industry.
III & IV	Work as Supervisor level in Maintenance Electrical, Maintenance Engine Plant, Frame Assembly unit.	After the completion of second year in B.Voc. in Mechatronics, the students will be NSQF L6 certified and will be able to work as Supervisor Maintenance Electrical & Mechanical in Automotive Manufacturing Industry.
V & VI	Work as Manager level in Maintenance Electrical, Maintenance Engine Plant, Frame Assembly unit.	After the completion of third year in B.Voc. in Mechatronics, the students will be NSQF L7 certified and will be able to work as Shift Manager Maintenance in Automotive Manufacturing Industry.

**Note:** OJT of students will be done with Industry partner Hero MotoCorp, Dharuhera.

### 3.5 Bachelor of Vocation (B. Voc.) in BPM and Analytics

#### About the Programme

The modern world is literally immersed in the ocean of data of varied attributes, ranging from audio, video, text/ symbols, etc. Generating relevant information from such a vast repository poses challenge to the practitioners. Data mining, pattern recognition and big data analysis are some of the tools specially developed for the same. Haryana Vishwakarma Skill University (HVSU) in collaboration with Concentrix has designed a Bachelor of Vocation (B.Voc.) in BPM & Analytics program which is aligned to National Skills Qualifications Framework (NSQF) Level-7, based on the Dual Education Model. The program shall enable the students to realise the complexity of processes handled at Business Process Outsourcing organisations, and the importance and application of data analytics in IT/ITeS industry. It will prepare them to access, analyse, manage and present data to enable effective decision-making in the organisation. The focus of this program is to familiarise the students with the environment of business process services and effectively use the tools for data mining and visualisation. The program will also include subjects like communication & life skills, business analytics, organisational behaviour, environment science, basics of computer, spreadsheet modelling, process in business management, fundamentals of banking and insurance as applicable to the business process services. Business processes have become increasingly important in many enterprises, because these determine the procedure for developing value and distributing it to the customers. Furthermore, such processes are the key drivers behind three critical success factors - cost, quality and time. After the completion of the program, the students will be able to communicate effectively with the customers and handle their queries via voice and chat or e-mail as required. They will be acquainted with the data analytics techniques that are used across industries for decision-making.

#### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with Concentrix, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of

the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

Concentrix (*Different by Design*) is the outsourced business services division of SYNnex Corporation, headquartered in Fremont, CA. SYNnex is a leading technology and business process services company, listed on the NYSE (SNX) and ranked 212 in the Fortune 500 for 2016. It has grown rapidly both organically and through many acquisitions over the years. Concentrix traces its roots back to a rich history of investments in multiple services companies. Its founder Robert T. Huang used to say: "Stay focused. Work hard. Serve customers. Pay attention to costs." For over 40 years, it has remained true to its core. The company cares deeply about our people, celebrates diverse ideas, and finds the time to enjoy themselves. The clients of the company tell that what distinguishes Concentrix is their approach to partnership, to do what it takes. The organisation loves it when called upon to solve interesting problems. The company has built up an association with Haryana Vishwakarma Skill University to help them in the social upliftment of society by imparting the skills required in the area of Business Process Industry.

The details of OJT areas and their duration are as follows:

Semester	OJT Areas	Job Roles
I	Data Entry	After 1st Year of Course student will be able to work efficiently on the Computers for data entries and will be able to handle customer queries at Business Process Services
II	Customer care (Non-Voice) Domestic Voice	
III and IV	E- Mail Processing Transaction Processing Voice & Accent	After 2 <sup>nd</sup> Year of Training and class the student will be able to work in the area of E-mail Processing; Transaction Processing, Voice processing at Domestic Level.
V and VI	Chat Processing Workforce Management Analytics	After completion of 3 <sup>rd</sup> Year the Students will be able to work in the area of Chat Process, Voice Process Domestic/International, Health Business Process, Data Analytics.

**Note:** OJT of students will be done with Industry partner Concentrix Gurugram.

## 3.6 Bachelor of Vocation (B. Voc.) in Robotics and Automation

### About the Programme

The world is moving towards a state of complete automation, by state-of-the-art intelligent devices/ robots, influencing multi-dimensional domains of human and industrial activities. Driverless cars & trucks, auto-piloted planes, the Curiosity Rover traversing the length and breadth of the Martian surface, auto-controlled fission processes/ power production in the nuclear reactors, hypersonic missile control systems, etc. herald the new era of automation.

Its integration with pattern recognition & artificial intelligence has already created a revolution in robotics advancements. Further coupling it with big data analysis, internet of things, 3D printing, aggregate technologies and holography are making the machines/ systems to be more intelligent, creative, cost-effective and highly efficient paving way for the Industry 4.0. Robotics and automation deal with the robot design, construction and operation, as well as computer systems for their

control, sensory feedback, and information processing. The current program Bachelor of Vocation (B.Voc.) in Robotics & Automation, is NSQF aligned set in Dual Education Model, which shall be run by HVSU in association with JBM Group as an interdisciplinary program including mechanical engineering, electrical engineering, computer science and other subjects. The program offers knowledge not only in various fields of technical skills such as mechanical, electrical, electronics, computer science, instrumentation and control systems but also provides knowledge of applications of basics of Applied Science, Technology, Applied Engineering and Applied Mathematics (STEM) through its special feature of more than 60 percent of On-the-job-training (OJT). It is a three-year program divided into six semesters with an option of flexible entry and exit at different stages. The program is based on “Earn-while-Learn” model.

### **Program Model & Pedagogy**

HVSU has built a strong partnership with the Industry to facilitate students’ employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates “Earn-while-Learn” and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with JBM Group, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### **About the Industry Partner**

Jay Bharat Maruti (JBM) Group, a joint venture with Maruti Suzuki India Limited (MSIL) is keeping pace with the steep rise in demand and quality of passenger cars/vehicles. Even in the backdrop of entry of international auto players in the country, JBM has successfully expanded its manufacturing capacity and capability. The world-class manufacturing capabilities include imported and indigenous press lines, robotic welding lines as well as plating and painting facilities. The JBM Group has pan-India presence with over 40 production units spread across the country.

### **OJT**

On-the-Job Training is a mandatory component of B.Voc. Robotics & Automation course. The department will accommodate the students to get OJT across different job roles in each semester so as to focus on outcome based learning. The daily OJT duration shall be maximum of 09 hours for five days in a week. The OJT shall be carried out under the supervision of industry partner nominated supervisor-cum trainer. The students during the OJT shall

- (a) Observe the industry’s occupational health and safety rules and processes.
- (b) Follow the rules of Haryana Vishwakarma Skill University. (c) Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor.
- (d) For the duration of OJT with industry, students shall receive stipend as per industry norms.
- (e) There will be a monthly assessment of the Students while pursuing their training at OJT area.

The department will accommodate the students to get On-the -Job Training across different job roles in each semester so as to focus on outcome.

The details of OJT Areas & duration are as follows:

Semester	OJT Areas	Job Roles
I	Deployed on welding machines and learn MIG welding, Spot welding, Seam welding and Projection welding.	After the completion of First year in B.Voc in Robotics and Automation, the students will be NSQF L5 certified and will be able to work on MIG welding, Spot welding, Seam welding & Projection welding, Internal & External Wiring of Robots, Fixtures & Control Panels and carry out various functions on Robots.
II	Various parts of Robots, Basic functions of Robot, Wiring of Robot, Fixture and Control Panels.	
III & IV	Teaching of Robot, Basic Programming of Robot, Pneumatic and Sensors application in Fixtures.	After the completion of Second year in B.Voc in Robotics and Automation, the students will be NSQF L6 certified and will be able to work in Teaching of Robots, Basic Programming of Robots, Pneumatic and Sensor application in Fixtures.
V & VI	Basic Programming of PLC, Process Control and its Automation, Projects of PLC and Robots.	After the completion of Third year in B.Voc. in Robotics and Automation, the students will be NSQF L7 certified and will be able to work in Basic Programming of PLC, Process Control & its Automation, Live Projects of PLC & Robots.

**Note:** OJT of students will be done with Industry partner JBM Group, Gurugram.

### 3.7 Bachelor of Vocation (B. Voc.) in Tool and Die Manufacturing

#### About the Programme

The design and manufacturing of Tools & Dies is a critical link in the entire production chain, as almost all mass-produced discrete parts are formed using production processes employing various tools & dies. The quality, cost and lead time of tools & dies design and fabrication, drive the economics of mass production of large number of components, sub-assemblies and assemblies, especially in the automotive industry. Therefore, the latest technologies like process modelling, rapid prototyping, rapid tooling, electric discharge machining, electro-chemical machining, and 3-D printing, are used for their optimal design/ efficient fabrication. Use of artificial intelligence, big data analysis and internet of things are latest technologies, which are facilitating the tool & die.

Bachelor of Vocation (B.Voc.) Tool & Die Manufacturing is aligned to NSQF Level-7 set in Dual Educational Model, which shall be run by HVSU in collaboration with JBM Group as an interdisciplinary program. It is a three-year program divided into six semesters with an option of flexible entry and exit at different stages of the program. Special feature of the program is its On-the-job-training (OJT) which forms 60 percent of the course and shall be held at the shop floor of our industry partner JBM Group, Gurugram. OJT enables students to learn designing and fabrication of tools & dies in totality of processes and their application for mass production of various items/ assemblies in various industries like automobile, textile, plastics, packaging, etc., by working in various functional areas on the shop floor. The focus of the program is to prepare the students to work on conventional machines, welding machines, CNC machines, wire-cut EDM, laser machine, jig boring machine, press machines, coordinate measurement machines and learn fitting activities, process planning, estimation and costing of manufacturing and maintenance of tool and die.

#### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and



provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with JBM Group, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

JBM Group is a focused and progressive conglomerate aiming to add value to the customers' business via its products, services and innovative solutions. The Group has a diversified portfolio with presence in multiple domains such as Automotive, Engineering & Design Services, Renewable Energy, Railways and OEM. JBM Group currently has an infrastructure of 40 manufacturing plants, 4 Engineering & Design centers across 18 locations globally. The multi-billion dollar JBM Group has broadened its horizons by focusing on quality delivery, solution-oriented approach, robust product development processes, flexible manufacturing systems and contract manufacturing. JBM Group comprising primarily of auto component division, caters to esteemed clients that include Ashok Leyland, Bajaj Auto Ltd, Fiat, Ford, General Motors Corporation, Honda, Hero, JCB, Mahindra, Maruti Suzuki, Renault, Nissan, TATA, Toyota, TVS, Volvo-Eicher, Volkswagen and many more. The Group has alliances and association with more than 15 globally renowned companies including Arcelor Mittal, Cornaglia, Dassault Systemes, JFE Steel Corporation, Magnetto Automotive, Ogihara, Sumitomo, Solaris Bus and many more. The Group has also diversified into the OEM space and launched its bus division.

JBM buses are specialized in terms of luxury and ideal for city commute with premium high-tech low floor. Recently JBM launched India's first 100% electric bus – 'ECOLIFE' that incorporates globally proven European technology for Electric Vehicles which is sustainable and affordable. The buses has first of its kind innovative features that ensure enhanced comfort, safety and security for the commuters.

### OJT

The OJT is mandatory component of B.Voc. (Tool & Die Manufacturing). The department will accommodate the students to get On – the- Job Training across different job roles in each semester so as to focus on outcome based learning. As a part of programme's training delivery, all students will have to undergo On-the-job-training (OJT) schedule at the industry partner's shop floor/ workplace to work on the actual machines/ business processes.

- OJT working hours shall be linked to the required credits for the course. The daily duration of OJT shall be a maximum of nine (09) hours for 6 days in a week. The OJT shall be carried out under the supervision of partner industry nominated supervisor-cum-trainer.
- The students during their OJT shall:
  - (a) Observe the industry's occupational health and safety rules and processes.
  - (b) Follow the rules and instructions of Haryana Vishwakarma Skill University.
  - (c) Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor/ work place.
  - (d) Be in the uniform of University/ Industry as applicable.
  - (d) Maintain their daily diaries.

For the duration of OJT with industry, students shall receive stipend as per industry norms

The details of OJT Areas & duration are as follows:

Semester	OJT Areas	Job Roles
I	Working on conventional m/cs like; lathe, milling, drilling, grinding, welding m/cs, boring, use of, marking and measuring tools and working on CNC machines.	After completion of 1st Semester in B.Voc. in Tool & Die Manufacturing, the student will be NSQF L4 certified and able to work on Tool Room Conventional Machines viz Turning, Milling, Drilling, Grinding, Surface and Cylindrical, Welding Machines, Measurement & Inspection of Jobs, CNC Machining and Pre Machining of parts.
II	Fitting activities, limit, fit and tolerances, Programming and setting of CNC machines, Wirecut EDM, Laser cutting machine, press machines, CMM m/cs, Process Planning and Bill of Materials	After completion of 1st Year in B.Voc in Tool & Die Manufacturing, the students will be NSQF L5 certified and able to do Die fitting, programming and setting of CNC machines, working Wire-cut EDM, Laser cutting machine, Coordinate Measurement Machine (CMM), Press Machines, PPC, Bill of Materials, Requisition generation, Material receipt, Inspection of the raw materials, Thermocol pattern, Pre Machining of parts.
III & IV	Press tools, Pneumatics and Hydraulics, die maintenance, working on CNC machines and Setting of machining parameters, supervision of operation for manually operated and Automatic Machine tools, Process documentation, 5S and safety, Knowledge and use of Measuring Instruments	After completion of 2nd Year in B.Voc in Tool and Die Manufacturing, the students will be NSQF L6 certified and will be able to do Manufacturing of Press Tools, working on Die Maintenance, Pneumatics and Hydraulics, CNC Programming & Operation. Setting of machining parameters, Supervision of operation for Manual and Automatic, Cutting tool technology and selection.
V & VI	Managing Process Planning, Die designing, Knowledge and working on CAD/CAE softwares Knowledge of 3D Modeling Techniques/softwares, product planning for new products, Decision Matrix Techniques, Die maintenance, Quality control, use of statistical softwares	After completion of 3rd Year in B.Voc. in Tool and Die Manufacturing, the student will be NSQF L7 certified and will be able to do Tool Design (Press Tools), Knowledge of 3D Modeling Techniques/softwares. product planning for new products, Decision Matrix Techniques, Quality control, use of statistical softwares, Final Die assembly, Die try out, Die spotting, Die Maintenance Quality / Specialization program as per standard, Die Inspection (Statics / Dynamic), PPAP Documentation, Live Project work, Specialization Program as per standard, Use of CAD/CAM/CAE software for Design, Modeling and Simulation.

**Note:** OJT of students will be done with Industry partner JBM Group, Gurugram.

### 3.8 Advanced Diploma in Plastic Technology

#### About the Programme

Newer materials with unique set of optical, electrical and mechanical characteristics, hitherto unknown to the mankind are being developed in the world. Polymers in general and plastics in particular form one such group of materials, with unique thermal, electrical and optical properties, which find varied applications ranging from space to underwater; storage tankers to flow pipes/tubes; wire-sheaths to cable-sleeves; etc. Plastics are literally omnipresent in various forms in all modern manufacturing/ application industry; contributing significantly in meeting the challenges posed by Industry 4.0. The state-of-the-art 3-D printing aggregate technologies and holography facilitate complex mould design and manufacturing – an important discipline of plastic technology. About 335 million MT plastic is produced worldwide; with Indian contribution of about 19 million MT during 2016-17. The program in the field of plastics processing shall be facilitated by the use of immersive technologies of Virtual Reality and Augmented Reality. Advanced Diploma in Plastic Technology is a National Skills Qualifications Framework (NSQF) Level-6 program based on Dual Education Model by Haryana Vishwakarma Skill University (HVSU) in collaboration with Trim India. The program shall enable the students to plan and realize complex and innovative plastic manufacturing processes and achieve production in the most optimal manner. The course introduces learners to the basics as well as advance aspects of a plastic processing plant with its diverse functions including programming, maintenance, quality and inspection for manufacturing.

#### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with Trim India, which is designed in

such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### About the Industry Partner

Trim India was promoted by Mr. Rakesh Sood in 1995, for manufacturing door trims for Maruti Suzuki India Ltd (MSIL). It has two manufacturing plants in Gurugram and new units are being set up in Tamil Nadu and Gujarat. Trim India, Aitech and Toyota Tsusho, Japan, are in a technical collaboration for producing blow moulded, NVH, moulded door trims and rear parcel shelf. The company is supplying door trims, carpet luggage floor, plastic and sheet metal components, to MSIL, Mahindra & Mahindra and Suzuki Motorcycle - India.

The details of OJT Areas & duration are as follows:

Semester	OJT Areas	Job Roles
I	Mould Manufacturing - Incoming, Tool Room, Conventional Machine, CNC Operator	After the completion of First semester of the program the students will be able to work and assist at processing, mould manufacturing, maintenance and quality department of the plant. They will be able to operate and maintain various conventional and hand machines, measure and inspect various parameters of the manufacturing and processing machines.
	Processing (Injection/ Blow Moulding, Part Assembly, Quality & Inspection)	
II	Tool Room Maintenance, Plastic Process Control, Quality, Development & Dispatch, Production Planning & Control	After the completion of Second semester the students will be able to manage operations of a line or area of processing, mold manufacturing, tool room, programming, maintenance, quality assurance. They will be able to visualize, inspect and conform to required quality standards. Students will also be able to collect, analyze and record data and process parameter essential for the process execution.

**Note:** OJT of students will be done with Industry partner Trim India Pvt. Ltd., Dhorka Village, Pataudi Road, Gurugram.

## 3.9 Post Graduate Diploma in Geo-Informatics

### About the Programme

Geo-informatics represented by its most powerful technological arms - Geographic Information Systems (GIS), Remote Sensing and Global Positioning System (GPS) has become an important part of many disciplines and cuts across all areas of modern information ecosystem. In a developing country like India, GIS is no longer a nascent discipline; within a short period it has permeated into various areas like agriculture, urban planning, infrastructure development, natural resources management, disaster management etc. Geo-informatics is truly a multi-disciplinary subject finding its application in almost all planning, management and execution phases of developmental projects.



### Program Model & Pedagogy

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualised the IIDEM program, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### Academic Partner

The Government of Haryana established Gurugram Metropolitan Development Authority (GMDA) in September 2016. In October 2016, the GMDA Bill, 2017, was passed in the Haryana Assembly paving the way for the constitutional formation of the authority.

All the responsibility of the major civic infrastructure, such as water, roads, sewage and transport rest with the GMDA which acts as an umbrella body for all government agencies in the Gurgaon metropolitan area.

Using geo-informatics tools, the GMDA integrates the technology in to town and country planning to provide better civic facilities and infrastructure to the citizens.

The details of OJT areas and their duration are as follows:

Semester	OJT Areas	Job-Roles
I	Land Use Land Cover Urban Planning	The course comprises of training in GIS and GPS. The student will be prepared for the Job Role of GIS Analyst
II	Transport Planning Natural Resource Management Environmental Management Disaster Management Rural Development Allied Sectors of GI	

## 3.10 Post Graduate Diploma in Public Health

### About the Programme

Haryana Vishwakarma Skill University's (HVSU) Post Graduate Diploma in Public Health (PGDPH) is being offered in collaboration with IQVIA (Formerly IMS Health Information and Consulting Services - India). The PGDPH shall enable the students to understand the basic concepts, scope and importance of public health and conduct basic data analysis and interpretation. The trainees shall be prepared to describe key concepts and principles related to project management, human resource management, financial management, organisational behavior and their application to public health programs. The program shall also enable them to apply management principles in planning, implementation,

monitoring and evaluation of the public health schemes. The students shall be able to undertake basic primary and secondary research.

### **Program Model & Pedagogy**

HVSU has built a strong partnership with the Industry to facilitate students' employability and entrepreneurship through the On-the-Job Training (OJT). The University has designed, developed and deployed Industry Integrated Dual Education Model (IIDEM) that facilitates "Earn-while-Learn" and provides the students with the opportunity to enhance their qualification with flexibility of entry and exit into a program. HVSU has conceptualized IIDEM program with IQVIA, which is designed in such a manner where 60 percent of the credits are earned while working on the OJT or on National Apprenticeship Promotion Scheme (NAPS), wherever applicable. The students shall also earn stipend for that period. The classroom training shall be imparted by the HVSU faculty and other industry experts. The curriculum is based on theoretical and conceptual training as well as OJT. Practical & workshop experience are the key components of the overall training methodology. Forty percent of the credits shall come from the theoretical and conceptual training. The entire pedagogy is designed to develop application-based learning that will make students job-ready by earning industry work experience and learning the technical concepts hands-on.

### **About the Industry Partner**

IQVIA is an American company that provides information, services and technology for the healthcare industry. It is the largest vendor of US physician prescribing data. The company came into existence in 1954 by Bill Frohlich and David Dubow. IQVIA is best known for its collection of healthcare information spanning sales, re-identified prescription data, medical claims, electronic medical records and social media. IQVIA's products and services are used to develop commercialisation plans and portfolio to select patient and physician population for specific therapies and to measure the effectiveness of pharmaceutical marketing and sales resources. The firm uses its own data to produce syndicated reports such as market forecast and intelligence. IQVIA is headquartered in Danbury, Connecticut, United States. IQVIA-India has 20-year presence in India, it draws on the strength and depth of its global resources, deep domain expertise and local insights to help biotech, medical device and pharmaceutical companies and assist medical researchers, not-for-profit government agencies, and other healthcare stakeholders deliver better health outcomes. IQVIA -India has its offices in Bengaluru, Mumbai, Ahmedabad, Chennai, New Delhi and Gurugram.

### **OJT**

It is the mandatory component of Post Graduate Diploma in Public Health Course. As a part of programme training delivery, all students will have to undergo On-the-Job Training(OJT) at the industry partner's shop floor/ workplace to work on the actual machine/ business process.

OJT working hours shall be linked to the required credits of the course.

The daily duration of OJT shall be a maximum of nine (09) hours.

The OJT shall be carried out under the supervision of partner industry nominated supervisor-cum-trainer.

The students during their OJT shall:

- a) Observe the industry's occupational health and safety rules and processes.
- b) Follow the rules and instructions of Haryana Vishwakarma Skill University.

c) Abide by the rules and standard operating procedures of the industry as applicable to working on the shop floor/workplace.

For the duration of OJT with industry, students shall receive stipend as per industry norms. There will be a monthly assessment of the students while pursuing their training at the OJT area

The department will accommodate the students to get On the Job Training across different job roles in each semester so as to focus on Outcome based learning. The details of OJT areas and their duration is as follows:

Semester	OJT Areas	Job- Roles
I	1.Field Planning, Tracking and Assessment 2.Designing Questionnaire-Qualitative, Quantitative and Field Testing 3.Data Analysis-Collection, Collation, Cleaning and Data Presentation	The OJT comprises of training that will enable the students to become job-ready for becoming the Public Health Consultant/ Professional.
II	1.Field Survey-Field Planning, Data Collection and Field Management 2.Technical Writing-Concept Writing, Proposal Writing and Report Writing	

**Note:** OJT of students will be done with Industry partner IQVIA-India

## 4. University Discipline

The Students are expected to abide by University's rules and regulations and maintain discipline. As adults, they should conduct themselves in such a manner that is in consonance with civilised behaviour and courtesy. The defaulters will be subject to disciplinary warning/ action/ expulsion from the University for a Term Basis or forever depending upon the severity of the case. For major punishment, such as expulsion/ rustication from the University, making an adverse entry on the Character Certificate to be issued by the University and debarring a student from admission to any course offered by the University, etc. decision will be taken by the Dean or on the recommendation of Students Discipline Committee of the University. Students must possess their Identity Cards all the time and produce the same whenever asked for. Some of the undisciplined behaviour which would attract action are:

- (a) Destruction/ defacement of University/ Industry property.
- (b) Involvement in any form of violence/ indecent activities inside the campus.
- (c) Leaving the premises without permission.
- (d) Keeping lethal weapons/ firearms.
- (e) Misappropriation of property.
- (f) Forming unauthorised associations and clubs.
- (g) Consumption of alcohol and drugs.
- (h) Indulging in ragging.
- (i) Any other form of activity which is considered crime in the eyes of law.

In view of Hon'ble Supreme Court Judgment and as per University Grants Commission regulations and directions from Hon'ble Supreme Court the students and parents/ guardians are required to submit affidavit on non-judicial stamp paper of Rs. 10/-duly attested by the oath commissioner/ notary with regard to curbing ragging menace (refer to **Annexures VI and VII**).

## 5. Attendance and Leave Rules

1. A Student shall be required to attend a minimum of 75 % of the lectures delivered (In theory and practical's combined) and 90% of On-the-Job-Training (OJT).
2. The attendance will be counted from the date of start of session, to the date prior end of the semester i.e. last working day of Project oriented on job training / OJT whichever is later.
3. In case of late admission in the first semester, the attendance shall be counted from the date of actual admission of the candidate, by the competent authority.
4. The name of the student shall be struck off the rolls if he/ she remains absent for 4 consecutive working days, without leave.
5. The name of the student shall be struck off the rolls if he/ she remains absent for 4 working days in a month, without leave
6. A student whose name has been struck off from the roll of the Institution, may however be readmitted if the absence of the student was due to the circumstance beyond his/ her control and his /her request considered and approved by the Dean / competent authority.
7. Any student who fails to appear or pass any particular exam and further thereafter remains absent from the University for a period exceeding one year from the date of re opening of the institute following the exam in which the student had failed to appear or pass shall not be entitled to continue his/ her studies in the institute without prior, written permission of the competent authority.
8. The programme coordinator / Head may grant leave to the students in exceptional circumstances only to the extent of 10 days per semester, subject to the condition that the student completes the prescribed minimum attendance as per attendance rule and the leave must be got sanctioned before availing the same.

## 6. Stipend

Stipend wherever applicable will be given to the student during the OJT / Internship / Industrial Training as per the industry rules / policies.

## 7. Awards

The following Awards and Certificates will be given to over all high percentage holders, The merit will be prepared on the basis of overall marks in the programme, curriculum activities, sport activities, attendance record and participation in other activities.

1. Governor Award: Gold Medal (A cash award of Rs 31000/-)
2. Chief Minister Award: Silver Medal (A cash award of Rs 21000/-)
3. Vice- Chancellor Award: Bronze Medal (A cash award of Rs 11000/-)
4. Dean Merit Certificate

## 8. Abbreviations

HVSU	Haryana Vishwakarma Skill University
AIC	All India Category
HOGC	Haryana Open General Category
DA	Differential Ability
PwD	Person with Disability
BC	Backward Category
SC	Scheduled Caste
DMC	Detailed Marks Certificate
MCQ	Multiple Choice Questions
CET	Common Entrance Test
OJT	On the Job Training
NSQF	Natioanal Skill Qualification Framework
NAPS	National Approch Promotion Scheme
ITDEM	Industry Integrates Dual Eduction Model

## 9 Annexure

### Annexure-I

#### **HARYANA RESIDENT CERTIFICATE (For Bonafide Residents of Haryana only)**

Certified that Mr./Ms. \_\_\_\_\_ son/daughter of Sh. \_\_\_\_\_ R/O  
(complete address) \_\_\_\_\_  
since \_\_\_\_\_ and applicant for admission to various courses in Haryana  
Vishwakarma Skill University is a bonafide resident of Haryana State in terms of Chief Secretary to  
Govt. of Haryana letter No. 62/17/95-6 GS1 dated 3.10.96 and letter No. 62/27/2003/6 GS1 dated  
29.7.2003 under clause.

No. \_\_\_\_\_

(Signature of the attesting authority)

Date: \_\_\_\_\_

Name \_\_\_\_\_

Place: \_\_\_\_\_

Designation \_\_\_\_\_

(With legible office seal)

Note:

- i) The candidates, who have passed their qualifying examinations from the Board of Haryana are not required to produce Certificate of Haryana Resident.



#### Annexure-II

Photo of  
applicant to be  
attested by  
the issuing  
authority

#### HARYANA GOVERNMENT

Certificate Sr.No. \_\_\_\_\_ /Year \_\_\_\_\_ Tehsil \_\_\_\_\_.

#### SCHEDULED CASTE CERTIFICATE

This is to certify that Shri/Smt./Kumari \_\_\_\_\_ son/daughter of  
Shri \_\_\_\_\_ resident of Village/Town \_\_\_\_\_ Tehsil \_\_\_\_\_  
Distt. \_\_\_\_\_ of the State/Union Territory \_\_\_\_\_ belongs to the  
\_\_\_\_\_ Caste/Tribe, which is recognised as a Schedule Caste/Schedule Tribe under the  
Constitution (Scheduled Caste) Order, 1950.

Signature with seal of issuing Authority

Dated : \_\_\_\_\_

Full Name .....

Designation .....

Place : \_\_\_\_\_

Address with Telephone No. with code .....

**Issuing Authority:** Tehsildar-cum Executive Magistrate,  
Naib Tehsildar-cum Executive Magistrate,  
Head of Department in case of Govt. employees



**BACKWARD CLASS CERTIFICATE (BLOCK 'A' or 'B')**

Photo of  
applicant to be  
attested by the  
issuing authority

This is to certify that Shri/Smt./Kumari \_\_\_\_\_ son/daughter of  
Shri \_\_\_\_\_ resident of Village/Town \_\_\_\_\_ Tehsil \_\_\_\_\_  
Distt. \_\_\_\_\_ of the State/Union Territory \_\_\_\_\_ belongs to the  
\_\_\_\_\_ Caste, which has been notified as Backward Class by the Haryana Government  
and is placed in Block \_\_\_\_\_ (mention Block 'A' or 'B').

This is to certify that he/she does not belong to the person/section (Creamy layer) as per State Govt. letter No.1170-SW(1)-95 dated 07.06.1995, No.22/36/2000-3GS-III dated 09.08.2000 & No.213-SW(1)-2010 dated 31.08.2010, Haryana Govt. instructions No.59 SW(1)-2013 dated 24.01.2013 and 808-SW(1) dated 17.08.2016.

This certificate is being issued to him/her on the basis of verification of Sarpanch/  
Patwari/Kanungo.

Signature with seal of issuing Authority

Full Name .....

Designation .....

Address with Telephone No. with code .....

Sr. No.:.....

Place :.....

Dated :.....

**Issuing Authority** : Tehsildar or Naib Tehsildar  
Head of Department in case of Govt. employees



#### Annexure-IV

#### AFFIDAVIT

(By the Parents of the Backward Class Category Candidates)

I \_\_\_\_\_ Father/Mother of \_\_\_\_\_  
Resident of \_\_\_\_\_ seeking admission to  
\_\_\_\_\_ course in HVSU do hereby solemnly affirm & declare that I belong  
to \_\_\_\_\_ caste which is included in the list of Backward Classes Block  
'A'/'B'/'C' approved by the Haryana Govt. I further declare and affirm that I and my  
wife/husband are not covered under the criteria fixed by Haryana Govt. vide letter No. 1170/SW(1)-  
95 dated 07.06.95, No.22/36/2000-3GS-III dated 09.08.2000, No.22/22/2004-3GS III dated  
22.01.2009. No.213-SW(1)-2010 dated 31.08.2010, Haryana Govt. instructions No.59 SW(1)-2013  
dated 24.01.2013 and 808-SW(1) dated 17.08.2016 and for excluding socially advanced  
persons/sections (Creamy Layer) from Backward Classes Category.

I further undertake that in case the information contained in the above para is found false at  
any stage, the Competent Authority will be entitled to cancel the admission.

Dated:.....

DEPONENT

Place:.....

#### VERIFICATION

Verified that the above statement is true and correct to the best of my knowledge and belief  
and nothing has been concealed therein.

DEPONENT

-----  
The affidavit should be of 2018.

**MEDICAL CERTIFICATE FOR DIFFERENTLY ABLED****OFFICE OF THE CHIEF MEDICAL OFFICER** \_\_\_\_\_

No. \_\_\_\_\_

Dated \_\_\_\_\_

Certified that Sh./Km./Smt \_\_\_\_\_ son/daughter/wife of Sh. \_\_\_\_\_  
 resident of \_\_\_\_\_ District \_\_\_\_\_ appeared  
 before the Medical Board for medical check up. On his/her Medical Examination, it is found that the  
 nature of Differently Abled/ disability is \_\_\_\_\_% and (as applicable), is as under

1. Blind or Low vision \_\_\_\_\_
2. Hearing impairment \_\_\_\_\_
3. Locomotor disability/cerebral palsy \_\_\_\_\_

Thus the candidate is Differently Abled as per standard norms of Haryana.

(Signature of the Applicant)

Chief Medical Officer

\_\_\_\_\_, Haryana

Dated : \_\_\_\_\_

Place : \_\_\_\_\_

\*The Differently Abled disability should not be less than 40% and should not interfere with the  
 requirement of professional career such as Engineering/Architecture/Technician etc.

-----  
 (Office Stamp)

**SELF DECLARATION BY THE STUDENT**

(No affidavit required)

1. I, \_\_\_\_\_ (*full name of student with admission/registration/enrollment number*) S/o, D/o Mr./Mrs./Ms. \_\_\_\_\_ having been admitted to \_\_\_\_\_ (*name of the institution*), have carefully read “THE HARYANA PROHIBITION OF RAGGING IN EDUCATIONAL INSTITUTION ORDINANCE, 2012” and fully understood the provisions contained in the said Ordinance.
2. I have, in particular, perused clause 2(f) of the Ordinance and am aware as to what constitutes ragging.
3. I have also, in particular, perused clause 8 of the Ordinance and I am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4. I hereby solemnly aver and undertake that :
  - (a) I will not indulge in any behaviour or act that may be constituted as ragging under the Ordinance.
  - (b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under the Ordinance.
5. I hereby affirm that, if found guilty of ragging, I am liable for punishment according to Ordinance, without prejudice to any other criminal action that may be taken against me under any penal law or any, law for the time being in force.
6. I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ 2018.

**Signature of the Student**  
**Name :**

**SELF DECLARATION BY PARENT/GUARDIAN**

(No affidavit required)

1. I, Mr./Mrs./Ms \_\_\_\_\_ *(full name of parent/ guardian)*  
father/mother/guardian of, \_\_\_\_\_ *(full name of student with University Roll Number)*, having been admitted to *(name of the institution)* have carefully read "THE HARYANA PROHIBITION OF RAGGING IN EDUCATIONAL INSTITUTION ORDINANCE, 2012" and fully understood the provisions contained in the said Ordinance.
2. I have, in particular, perused clause 2(f) of the Ordinance and am aware as to what constitutes ragging.
3. I have also, in particular, perused clause 8 of the Ordinance and I am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4. I hereby solemnly aver and undertake that :
  - (a) My ward will not indulge in any behaviour or act that may be constituted as ragging under the Ordinance.
  - (b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under the Ordinance.
5. I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to Ordinance without prejudice to any other criminal action that may be taken against my ward under any penal law or any, law for the time being in force.
6. I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ 2018.

Signature of the Parent/Guardian

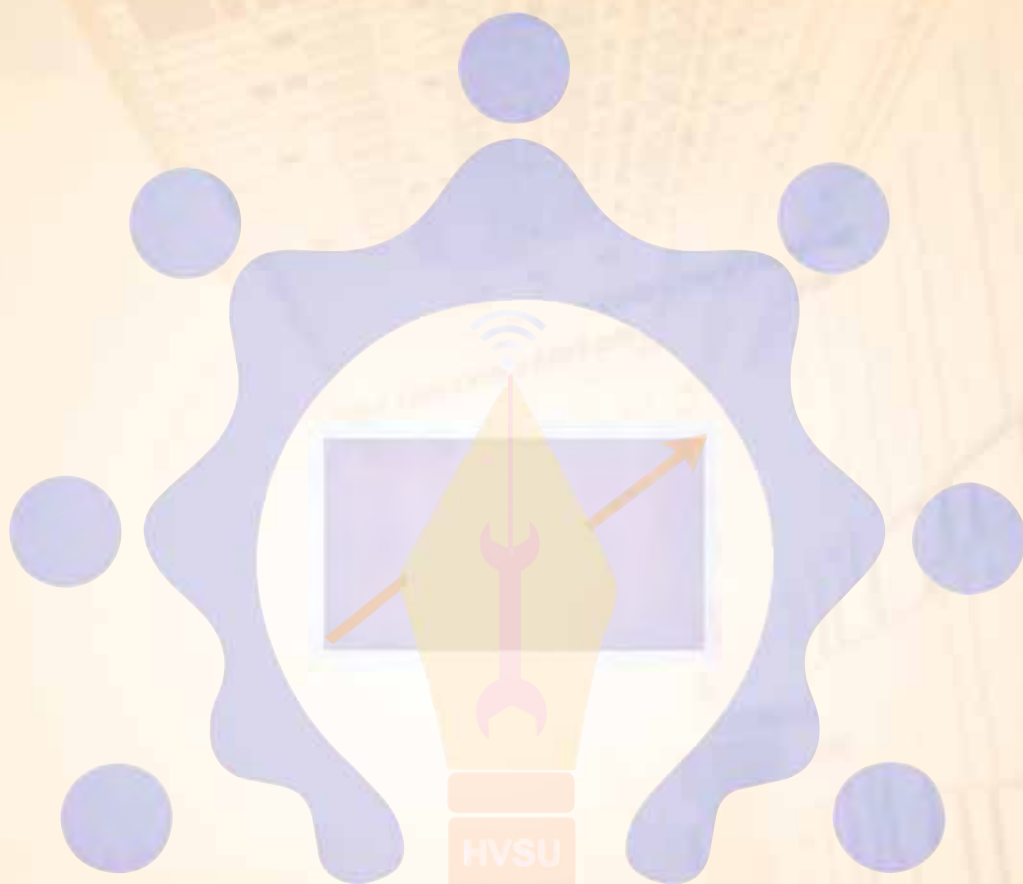
Name : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

Tele phone/Mobile No. \_\_\_\_\_

Email ID \_\_\_\_\_



योग: कर्मसु कौशलम्

# HVSU



## HARYANA VISHWAKARMA SKILL UNIVERSITY

(State University enacted under the Government of Haryana Act 25, 2016)



Plot 147, Sector-44,  
Gurugram- 122001

Phone  
+91-124-2344667

Email : [admission.hvsu@gmail.com](mailto:admission.hvsu@gmail.com)  
Website : [www.hvsu.ac.in](http://www.hvsu.ac.in)