

# **Hindustan College of Science and Technology**

## **Farah-Mathura**

(AICTE approved & affiliated to AKTU)



## **Key Indicator 1.2**

### **Academic Flexibility**

#### **Metric 1.2.1**

**Number of Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years**

# Hindustan College of Science and Technology

## Farah-Mathura

(AICTE approved & affiliated to AKTU)

**1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc.as against the total number of students during the last five years**

1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number	461	328	740	933	1252

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# Hindustan College of Science and Technology, Farah, Mathura

## Key Indicator- 1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)

### Course Details

#### Year 1 (2022-23)

Name of Certificate/ Value added course	Course Code (if any)	Duration of course	Number of students enrolled in the year	Link to the relevant document
Fundamentals Of Concept And Advances In Nanotechnology	VAS-2201	35 Hrs.	14	<a href="#">View Document</a>
Algorithmic Program-Solving: From Fundamentals To Applications	VACIT-004	32 Hrs.	47	<a href="#">View Document</a>
Data Analysis Using Python	VACIT-005	30 Hrs.	17	<a href="#">View Document</a>
Electric Vehicle	VEE-2201	32 Hrs.	16	<a href="#">View Document</a>
Introduction To Staad Pro.V8I	VCE-2203	30 Hrs.	13	<a href="#">View Document</a>
Solid Waste Management	VAC-1702	30 Hrs.	3	<a href="#">View Document</a>
Internet Of Things (Iot) And Its Applications	VEC-2205	30 Hrs.	22	<a href="#">View Document</a>
Java Programming Through Object Oriented Concept	VCS-2203	36 Hrs.	125	<a href="#">View Document</a>
Solid Works	VME-2206	30 Hrs.	20	<a href="#">View Document</a>
Basic Understanding Of Artificial Intelligence	VCS-2302	32 Hrs.	118	<a href="#">View Document</a>
Biofertilizer Production Technology	VBT-2206	35 Hrs.	29	<a href="#">View Document</a>
Essential Computing Skills For Manager	VMBA-003	36 Hrs.	26	<a href="#">View Document</a>
Retail Management & Merchandising	VMBA-002	36 Hrs.	10	<a href="#">View Document</a>
Programming In Java	NPTEL	12 Weeks	1	<a href="#">View Document</a>

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## Key Indicator- 1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)

### Course Details

#### Year 2 (2021-22)

Name of Certificate/ Value added course	Course Code (if any)	Duration of course	Number of students enrolled in the year	Link to the relevant document
Problem Solving Using C/C++	VACIT-001	30 Hrs.	10	<a href="#">View Document</a>
Application Design	VACIT-003	30 Hrs.	7	<a href="#">View Document</a>
Basic Matlab Programming	VEE-2101	30 Hrs.	16	<a href="#">View Document</a>
Basics Design & Drafting On Auto Cad	VME-2105	30 Hrs.	29	<a href="#">View Document</a>
Process Equipment Design	VAC-1701	30 Hrs.	5	<a href="#">View Document</a>
Arduino And Its Applications	VEC-2104	30 Hrs.	15	<a href="#">View Document</a>
Object Oriented Programming Using C++	VCS-2101	36 Hrs.	118	<a href="#">View Document</a>
Auto Cad Essential	VCE-2101	30 Hrs.	19	<a href="#">View Document</a>
Introduction To Artificial Intelligence & Applied Machine Learning (Practical Oriented)	VCS-2204	36 Hrs.	91	<a href="#">View Document</a>
Nature Inspired Engineering And Innovation	VBT-2105	30 Hrs.	18	<a href="#">View Document</a>

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# Hindustan College of Science and Technology, Farah, Mathura

## Key Indicator- 1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)

### Course Details

#### Year 3 (2020-21)

Name of Certificate/ Value added course	Course Code (if any)	Duration of course	Number of students enrolled in the year	Link to the relevant document
Problem Solving Using C/C++	VACIT-001	30 Hrs.	7	<a href="#">View Document</a>
Android Programming	VACIT-002	30 Hrs.	56	<a href="#">View Document</a>
Solar Technology	VEE-2001	32 Hrs.	29	<a href="#">View Document</a>
Introduction To Staad Pro.V8I	VCE-2003	30 Hrs.	37	<a href="#">View Document</a>
Process Equipment Design	VAC-1701	30 Hrs.	12	<a href="#">View Document</a>
Solid Waste Management	VAC-1702	30 Hrs.	5	<a href="#">View Document</a>
Internet Of Things (Iot) With Data Analysis	VEC-2003	30 Hrs.	24	<a href="#">View Document</a>
Java Programming Through Object Oriented Concept	VCS-2003	36 Hrs.	210	<a href="#">View Document</a>
Basics Of Finite Element Analysis (Practical Oriented)	VME-2004	30 Hrs.	56	<a href="#">View Document</a>
Basic Understanding Of Artificial Intelligence	VCS2102	32 Hrs.	237	<a href="#">View Document</a>
Practical Approach On Mushroom Cultivation Technology	VBT-2004	36 Hrs.	67	<a href="#">View Document</a>

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## Key Indicator- 1.2 Academic Flexibility

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### Course Details

#### Year 4 (2019-20)

Name of Certificate/ Value added course	Course Code (if any)	Duration of course	Number of students enrolled in the year	Link to the relevant document
Problem Solving Using C/C++	VACIT-001	30 Hrs.	20	<a href="#">View Document</a>
Application Design	VACIT-003	30 Hrs.	87	<a href="#">View Document</a>
Electric Vehicle	VEE-1901	32 Hrs.	68	<a href="#">View Document</a>
Introduction To Geostudio	VCE-1902	30 Hrs.	52	<a href="#">View Document</a>
Process Equipment Design	VAC-1701	30 Hrs.	15	<a href="#">View Document</a>
Solid Waste Management	VAC-1702	30 Hrs.	12	<a href="#">View Document</a>
Arduino With Fundamentals Of Programming	VEC-1902	30 Hrs.	42	<a href="#">View Document</a>
Object Oriented Programming Using C++	VCS-1901	36 Hrs.	244	<a href="#">View Document</a>
Solid Works	VME-1903	30 Hrs.	90	<a href="#">View Document</a>
Introduction To Artificial Intelligence & Applied Machine Learning (Practical Oriented)	VCS2004	32 Hrs.	242	<a href="#">View Document</a>
Nature Inspired Engineering	VBT-1903	36 Hrs.	59	<a href="#">View Document</a>
Compiler Design	NPTEL	12 Weeks	1	<a href="#">View Document</a>
Data Base Management System	NPTEL	8 Weeks	1	<a href="#">View Document</a>

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## Key Indicator- 1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)

### Course Details

#### Year 5 (2018-19)

Name of Certificate/ Value added course	Course Code (if any)	Duration of course	Number of students enrolled in the year	Link to the relevant document
Fundamentals Of Vedic Mathematics	VAS-1801	34 Hrs.	24	<a href="#">View Document</a>
Problem Solving Using C/C++	VACIT-001	30 Hrs.	36	<a href="#">View Document</a>
Android Programming	VACIT-002	30 Hrs.	51	<a href="#">View Document</a>
Solar Technology	VEE-1801	32 Hrs.	74	<a href="#">View Document</a>
Autocad Essential	VCE-1801	30 Hrs.	215	<a href="#">View Document</a>
Process Equipment Design	VAC-1701	30 Hrs.	16	<a href="#">View Document</a>
Solid Waste Management	VAC-1702	30 Hrs.	15	<a href="#">View Document</a>
Introduction To Internet Of Things (Iot)	VEC-1801	35 Hrs.	100	<a href="#">View Document</a>
Java Programming Through Object Oriented Concept	VCS-1803	40 Hrs.	238	<a href="#">View Document</a>
Basics Of Finite Element Analysis (Practical Oriented)	VME-1802	30 Hrs.	299	<a href="#">View Document</a>
Basic Understanding Of Artificial Intelligence	VCS1902	32 Hrs.	124	<a href="#">View Document</a>
Mushroom Cultivation Technology	VBT-1802	36 Hrs.	51	<a href="#">View Document</a>
Developing Soft Skills And Personality	NPTEL	8 Weeks	5	<a href="#">View Document</a>
Enhancing Soft Skills And Personality	NPTEL	8 Weeks	3	<a href="#">View Document</a>
Design And Analysis Of Algorithms	NPTEL	8 Weeks	1	<a href="#">View Document</a>

RAJEEV  
KUMAR  
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