



# Bharath

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
(Declared as Deemed-to-be University under section 3 of UGC Act 1956)

## Requisition letter

Date: 28.03.2021

**From**

Dr. K.P.Kaliyamurthie,  
Professor & Head,  
Department of CSE,  
Bharath Institute of Higher Education and Research,  
Chennai.

**To**

The Dean Engineering,  
Bharath Institute of Higher Education and Research,  
Chennai.

**Respected Sir**

**Sub:** Request of permission to conduct a value – added course on “**Microsoft Windows Application**” (online) -Reg

With reference to above subject, I would like to bring to your kind notice that , our department interested to organize value added course “**Microsoft Windows Application**” – reg in our campus premises on 30.03.2021, students would be participating in this course. We request you kindly to give permission to organize this event.

**Timing:** 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM(AN)

Submitted to principal for approval to organize this value-added course.

HOD

**HEAD OF DEPARTMENT**  
Department Of Computer Science & Engg.,  
Bharath Institute Of Higher Education & Research  
(Declared as Deemed to be University U/S 3 Of UGC Act, 1956)  
Chennai - 600 073. INDIA

**DEAN ENGINEERING**  
**DEAN (Engineering)**

Bharath Institute of Science & Technology  
**BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH**  
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)  
Selaiyur, Chennai-600 073.



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## CIRCULAR

29.03.2021

The school of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on **Certificate Course of Microsoft Windows Application** for the benefit of students. This course is scheduled from 30.03.2021 to 09.04.2021 The timings are 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM (AN) and Saturday (FN&AN).

All Registered Students must attend all the classes without fail. The following faculty members are assigned to handle the course. S.NO	Name of the Faculty	Designation
1	Dr. C. Rajabhushanam	Professor
2	Mrs. G. Kavitha	Assistant Professor

  
Head of Department

To

Copy to CSE

Copy to IT

HEAD OF DEPARTMENT  
Department Of Computer Science & Engg.,  
Bharath Institute Of Higher Education & Research  
(Declared as Deemed to be University U/G 3 of UGC Act, 1956)  
Chennai - 600 070, INDIA



# Sharath

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
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## **CERTIFICATE COURSE ON MICROSOFT WINDOWS APPLICATION**

**Date of Introduction of the Course: 11.04.2021**

### **COURSE SYLLABUS**

#### **1. Installing Windows**

This module covers installing the Windows client OS. Students will learn the different editions of Windows client, requirements, and new features introduced.

#### **2. Configuring Authorization and Authentication**

This module introduces the tools and features of Windows for authorizing access to Windows clients. Students will learn about methods for how users sign-in to Windows.

#### **3. Post Installation Configuration and Personalization**

This module covers common post-installation tasks in Windows client. Students will learn how to customize the user interface, as well as using the control panel and settings app to configure common OS settings.

#### **4. Updating Windows**

Servicing model and how it applies to various scenarios. Students will learn the various different methods for updating Windows and applications, as well as managing updates using tools like group policy and Windows Update for Business.

#### **5. Configuring Networking**

This module will introduce to IPv4 and IPv6, and concepts like DNS. Students will learn how to configure network settings in Windows, as well as learn about wireless network technologies.

#### **6. Configuring Storage**

This module covers storage configuration and management in Windows 10. Students will be introduced to local, cloud and virtual storage options.

#### **7. Configuring Data Access and Usage**

Students will learn how to configure file and folder permissions as well as shared folders. Students will also learn configuring settings through methods such as local and group policy.

#### **8. Managing Apps in Windows Client**

This module will cover the different types of apps and supported installation methods. Students will learn how to install apps using manual and automated methods, as well as manage app delivery using the Windows Store.

#### **9. Configuring Threat Protection and Advanced Security**



This module will teach students about using encryption, firewalls, and IPSec to help protect against threats. The module will conclude with how to configure and use Windows Defender and AppLocker.

#### **10. Supporting the Windows Client Environment**

This module will also discuss methodologies for effectively troubleshooting issues and how to proactively manage and optimize Windows.

#### **11. Trouble Shooting Flies and Application**

This module also includes common methods for troubleshooting application installation issues, compatibility issues, and resolving browser issues.

#### **12. Trouble Shooting Hardware and Drivers**

Students will also learn steps for troubleshooting system hardware and external peripherals such as USB drives and printers, including diagnostic methods and remediation.

### **COURSE OBJECTIVES**


To learn and analyse how to managing storage, files, and devices as well as how to configure network connectivity for Windows. Students will also learn how to secure the Windows OS and protect the data on the device. Finally, students will learn how to manage and troubleshoot Windows clients.

**Specifically, the course has the following objectives:**

**Students will learn**

1. Understanding Microsoft application
2. Understanding authorization and authentication.
3. Analyse updating windows.
4. Configuring data access and usage.
5. Understanding of trouble shooting and application.
6. Understanding of trouble shooting hardware and drivers.

  
**COURSE COORDINATOR**

  
**HEAD OF THE DEPARTMENT**  
HEAD OF DEPARTMENT  
Department Of Computer Science & Engg.,  
Bharath Institute Of Higher Education & Research  
(Declared as Deemed to be University UIS 3 Of UGC Act, 1956)  
Chennai - 600 073, INDIA



# Bharath

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
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## CERTIFICATE COURSE ON MICROSOFT WINDOWS APPLICATION

**Date of Introduction of the Course: 11.04.2021**

The timings are 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM (AN)  
Saturday (FN&AN).

### Time Table & Lesson plan

CLASS	DATE	TOPIC
1	30-03-2021(FN)	<b>1. Installing Windows</b> This module covers installing the Windows client OS. Students will learn the different editions of Windows client, requirements, and new features introduced.
2	31-03-2021 (FN)	<b>2. Configuring Authorization and Authentication</b> This module introduces the tools and features of Windows for authorizing access to Windows clients. Students will learn about methods for how users sign-in to Windows.
3	01-04-2021(FN)	<b>3. Post Installation Configuration and Personalization</b> This module covers common post-installation tasks in Windows client. Students will learn how to customize the user interface, as well as using the control panel and settings app to configure common OS settings.
4,5	02-04-2021(FN) &(AN)	<b>4. Updating Windows</b> <b>5. Configuring Networking</b> Servicing model and how it applies to various scenarios. Students will learn the various different methods for updating Windows and applications, as well as managing updates using tools like group policy and Windows Update for Business.
6	04-04-2021(FN)	<b>6. Configuring Storage</b> This module will introduce to IPv4 and IPv6, and concepts like DNS. Students will learn how to configure network settings in Windows, as well as learn about wireless network technologies.
7	05-04-2021 (FN)	<b>7. Configuring Data Access and Usage</b> Students will learn how to configure file and folder permissions as well as shared folders. Students will also learn configuring settings through methods such as local and group policy.

8	06-04-2021(FN)	<b>8. Managing Apps in Windows Client</b> This module will cover the different types of apps and supported installation methods. Students will learn how to install apps using manual and automated methods, as well as manage app delivery using the Windows Store.
9	07-04-2021 (FN)	<b>9. Configuring Threat Protection and Advanced Security</b> This module will teach students about using encryption, firewalls, and IPsec to help protect against threats. The module will conclude with how to configure and use Windows Defender and AppLocker.
10	08-04-2021 (FN)	<b>10. Supporting the Windows Client Environment</b> This module also includes common methods for troubleshooting application installation issues, compatibility issues, and resolving browser issues.
11,12	09-04-2021 (FN)&(AN)	<b>11. Trouble Shooting Hardware and Drivers</b> <b>12. Trouble Shooting Flies and Application</b> Students will also learn steps for troubleshooting system hardware and external peripherals such as USB drives and printers, including diagnostic methods and remediation.

  
**COURSE COORDINATOR**

  
**HEAD OF THE DEPARTMENT**  
**HEAD OF DEPARTMENT**  
Department Of Computer Science & Engg.,  
Bharath Institute Of Higher Education & Research  
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Chennai - 600 073, INDIA





# Bharath

## INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)  
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4<sup>th</sup> July 2002)

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### Microsoft Windows Application

#### B.Tech Computer Science and Engineering (2020-2021)

S. No	REG.NO	NAME OF THE CANDIDATE
1	U15CS050	PERABATHULA SUNIL KUMAR
2	U15CS051	PERAM ANTONY
3	U15CS052	PERAM VENKATA KRISHNA REDDY
4	U15CS053	PERURI V S V KRISHNA MOHAN
5	U15CS054	POORVISHA M
6	U15CS055	PRADEEP YADAV
7	U15CS056	PRASAD ABHISHEK KUMAR
8	U15CS057	PRASHANT PATHAK
9	U15CS058	PRATHI VENKAT RANJITH KUMAR
10	U15CS059	PRAVEENA S
11	U15CS060	PUJALA NARENDRA BABU
12	U15CS061	PULAGAM SAI PRATHAP REDDY
13	U15CS062	PULIMUNI HIMAJA
14	U15CS063	PULUKURI SASIDHAR
15	U15CS064	PUPPALLA SANDEEP KUMAR
16	U15CS065	PUTLURI ANURADHA
17	U15CS066	R4AVI NARENDRA
18	U15CS067	RAGILLA SANTHOSH KUMAR
19	U15CS068	RAJULA SREEVANI
20	U15CS069	RAKESH RATHI
21	U15CS070	RAMACHANDRAN J
22	U15CS071	RAMIREDDY LAKSHMAN AJAY
23	U15CS072	RAMIREDDY SURENDRA REDDY
24	U15CS073	RANGISETTY KARTHIK
25	U15CS074	RAPARTHY SAI KIRAN
26	U15CS075	RAVANAM CHAITANYA ARAVIND VISHNU VARDHAN
27	U15CS076	RAVURI SRIKANTH
28	U15CS077	RESHMA A
29	U15CS078	RICHARD WMVRAND J
30	U15CS079	S. PUNITHA
31	U15CS080	S. SAI SHRUTHI
32	U15CS081	SADHOLLA PRANAY REDDY
33	U15CS082	SAI RAMANA S M
34	U15CS083	SANAYAGARI JAYA CHANDRA REDDY
35	U15CS084	SANDANAMUDI CHANDRA TEJA

36	U15CS085	SANTHOSH RAJ M
37	U15CS086	SATHISH S
38	U15CS087	SEETAPATI HEMA SEKHAR
39	U15CS088	SESHA SRUJAN B
40	U15CS089	SHAIK AFRIDI
41	U15CS090	SHAIK SABIR
42	U15CS091	SHAIK YASMEEN
43	U15CS092	SHARYARAI S
44	U15CS093	SHATRUGHAN SUMAN S
45	U15CS094	SINGAMALA VENKATA SAI RAVI TEJESWAR REDDY
46	U15CS095	SIRI GIRI HAREESH
47	U15CS096	SITAROJ SRIKANTH
48	U15CS097	SMITHA C.S
49	U15CS098	SODISETTY SANDEEP
50	U15CS099	SUBASH CHANDRAN V
51	U15CS100	SUBHAM RAY
52	U15CS101	SUDALAGUNTA GOPI KRISHNA
53	U15CS102	SUJEETH KUMAR K
54	U15CS218	SWARNA LAKSHMI PRIYANKA
55	U15CS219	TAGORE S
56	U15CS220	TAKKELLA AJITH CHOWDARY

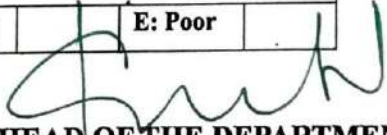
*G. Karthi*  
Course Coordinator

*[Signature]*  
HOD  
HEAD OF DEPARTMENT  
Department Of Computer Science & Engg.,  
Bharath Institute Of Higher Education & Research  
(Declared as Deemed to be University U/S 3 Of UGC Act, 1956,  
Chennai - 600 073. INDIA.



# COURSE FEEDBACK FORM

Academic Year		2020-2021								
Term										
Course Number										
Course Title		Microsoft Windows Application								
Number of Credits										
Type of Course	Regular		Elective		Add-on	<input checked="" type="checkbox"/>				
<b>I. Information on the Respondent: (Tick (√) Appropriately)</b>										
<b>1. Percentage of classes attended</b>										
	0-20		20-40		40-60		60-80		80-100	<input checked="" type="checkbox"/>
<b>2. Number of hours per week spent on the course (Other than lecture hours)</b>										
	0-2		2-4		4-6		6-8	<input checked="" type="checkbox"/>	8-10	
<b>3. Preparation for the course by the student:</b>										
(i)	Have done part of this course earlier						no			
(ii)	Has adequate prior exposure to the prerequisites						yes			
(iii)	Had to pickup relevant additional topics through concurrent study						no			
(iv)	Have no exposure to the background material						yes			
<b>4. The expectations for taking the course by the student are:</b>										
(a)	Enhance by skill base in the area of specializations						yes			
(b)	Get exposed to a relevant subject						yes			
(c)	Curiosity						yes			
(d)	Better Employment Opportunity						yes			
(e)	Complete Course requirements						yes			
(f)	To Improve CGPA						yes			
<b>About the Instructor: Information on the Respondent: (Tick (√) Appropriately)</b>										
		A	B	C	D	E				
1.	Pace of the Teaching/lecture		/							
2.	Content of the Subject	/								
3.	Clarity of expression	/								
4.	Level of preparation	/								
5.	Level of interaction		/							
6.	Accessibility outside the class		/							
7.	Others (please specify)		/							
A: Excellent		B: Very Good		C: Good		D: Satisfactory		E: Poor		

  
**HEAD OF THE DEPARTMENT**

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## COURSE FEEDBACK FORM

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Term									
Course Number									
Course Title		Microsoft Windows Application							
Number of Credits									
Type of Course	Regular		Elective		Add-on	/			
<b>I. Information on the Respondent: (Tick (✓) Appropriately)</b>									
<b>1. Percentage of classes attended</b>									
0-20		20-40		40-60		60-80	80-100 <input checked="" type="checkbox"/>		
<b>2. Number of hours per week spent on the course (Other than lecture hours)</b>									
0-2		2-4		4-6		6-8 <input checked="" type="checkbox"/>	8-10		
<b>3. Preparation for the course by the student:</b>									
(i)	Have done part of this course earlier						no		
(ii)	Has adequate prior exposure to the prerequisites						no		
(iii)	Had to pickup relevant additional topics through concurrent study						no		
(iv)	Have no exposure to the background material						yes		
<b>4. The expectations for taking the course by the student are:</b>									
(a)	Enhance by skill base in the area of specializations						yes		
(b)	Get exposed to a relevant subject						yes		
(c)	Curiosity						yes		
(d)	Better Employment Opportunity						yes		
(e)	Complete Course requirements						yes		
(f)	To Improve CGPA						no		
<b>About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)</b>									
		A	B	C	D	E			
1.	Pace of the Teaching/lecture		/						
2.	Comment of the Subject	/							
3.	Clarity of expression		/						
4.	Level of preparation	/							
5.	Level of interaction		/						
6.	Accessibility outside the class	/							
7.	Others (please specify)		/						
A: Excellent		B: Very Good <input checked="" type="checkbox"/>		C: Good		D: Satisfactory		E: Poor	

*[Signature]*  
**HEAD OF THE DEPARTMENT**

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Department Of Computer Science & Engg.,  
Bharath Institute Of Higher Education & Research  
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Chennai - 600 073, INDIA



# COURSE FEEDBACK FORM

Academic Year		2020-2021					
Term							
Course Number							
Course Title		Microsoft Windows Application					
Number of Credits							
Type of Course	Regular		Elective		Add-on	/	
<b>I. Information on the Respondent: (Tick (✓) Appropriately)</b>							
<b>1. Percentage of classes attended</b>							
0-20		20-40		40-60		60-80	80-100 <input checked="" type="checkbox"/>
<b>2. Number of hours per week spent on the course (Other than lecture hours)</b>							
0-2		2-4		4-6		6-8	8-10 <input checked="" type="checkbox"/>
<b>3. Preparation for the course by the student:</b>							
(i)	Have done part of this course earlier						yes
(ii)	Has adequate prior exposure to the prerequisites						yes
(iii)	Had to pickup relevant additional topics through concurrent study						yes
(iv)	Have no exposure to the background material						yes
<b>4. The expectations for taking the course by the student are:</b>							
(a)	Enhance by skill base in the area of specializations						no
(b)	Get exposed to a relevant subject						yes
(c)	Curiosity						yes
(d)	Better Employment Opportunity						no
(e)	Complete Course requirements						yes
(f)	To Improve CGPA						no
<b>About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)</b>							
		A	B	C	D	E	
1.	Pace of the Teaching/lecture	/					
2.	Comment of the Subject	/					
3.	Clarity of expression	/					
4.	Level of preparation	/					
5.	Level of interaction	/					
6.	Accessibility outside the class	/					
7.	Others (please specify)	/					
<b>A: Excellent</b>		<b>B: Very Good</b>		<b>C: Good</b>		<b>D: Satisfactory</b>	
/						E: Poor	

**HEAD OF THE DEPARTMENT**

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Department Of Computer Science & Engg.,  
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 Chennai - 600 073, INDIA





# Bharath UNIVERSITY

பாரத பல்கலைக்கழகம்

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

Declared as Deemed-to-be-University, u/s 3 of the UGC Act, (1956)

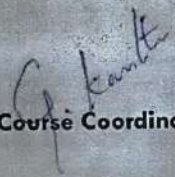
**34**  
YEARS OF EXCELLENCE

CERTIFICATE OF PARTICIPATION



## MS. PUNITHA

For actively participating in the value added course "**Microsoft Windows Application**" Conducted by School of Computing, BIHER  
from 30.03.2021 to 09.04.2021 .

  
Course Coordinator

  
Head of the Department

  
Director