



Department of Computer Science and Engineering

Report on Caggemini Women Transformation Program Advanced C# .NET Programming (Part 2 –Database Management)

NAME OF THE DEPARTMENT: Department of Computer Science and Engineering

1. Type of Event : Caggemini Women Transformation Program
Advanced C# .NET Programming (Part 2 –Database Management)
2. Resource Person : Mohamed Abdul Kader A
Technical Product Manager, Tiger Holidays
3. Date of the Programme: 29.08.2023 to 16.09.2023
4. Faculty Co-Ordinator: Dr.D.Kirubha
Associate Professor
Department of Computer Science and Engineering
RajaRajeswari College of Engineering
Bengaluru 560074

Dr.M.Selvi
Associate Professor
Department of Computer Science and Engineering
RajaRajeswari College of Engineering
Bengaluru 560074
6. Students attended: 7th Semester of CSE Girl Students (61)
7. Outcome of the Programmme:

Students gained information about the following:

- MS SQL Server
- Web Applications using .NET
- ASP .NET and Web Programming
- Agile Fundamentals
- Understanding Multitier Architecture
- MVC Life Cycle
- Dependency Injection and Creating Services
- Implementing CRUD Operations
- Action and Action Results
- Data Passing Techniques
- Building Logics
- Mapping Data
- Working with Razor and Bootstrap
- Understating WebAPI
- Implementing Filters
- DotNet and IIS
- REST Services



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Banner



WOMEN TRANSFORMATION PROGRAM



CENTER OF EXCELLENCE FOR WOMEN EMPOWERMENT





About the Speaker

Mohamed Abdul Kader A

mohamed.doozylabs@gmail.com

+91 93846 77007

[linkedin.com/in/mak77007](https://www.linkedin.com/in/mak77007)

Summary

An enthusiastic and highly motivated individual with nearly 11 years of experience in the design and development of enterprise grade products. Pioneered the development of many next-generation applications for various clients ranging from leading FMCG, Retail, Banking, and E-Commerce.

A rapid learner who can able to learn and comfortable to adopt new technologies quickly. Extensively worked on Android, IOS, Java and C# .Net platforms.

I have extensive experience in developing enterprise production level Mobile Applications(Android, iOS, Xamarin, Flutter), Web development, Java application development and maintenance and UI/UX development. I was improving myself continuously in solving complex algorithms and data structures. I guide the development team in delivering high-quality software and analytic solution in a cost-effective and efficient manner.

Expertise in handling Strong Customer Authentication(SCA), Security, Scaling, Code management and Code obfuscation.

Done R&D in Artificial Intelligence and Blockchain.

Exposure to Cloud computing services and Build tools.

Experience in designing intuitive UI and UX using design tools like Adobe XD and Figma.

I am improving myself continuously in solving complex algorithms and data structures. I guide the development team in delivering high-quality software and solution in a cost effective and efficient manner.

Proficient in programming languages like Java, Kotlin, Swift, C, C++, PHP and data interchange formats like XML and JSON.

Good sense in customising complex UI using various layouts and also specialised in enabling features like maps, Web services and media libraries.

Successfully completed R&D on accessing mobile applications in the Smartphone using voice commands for ford SYNC® AppLink™.

Extensively worked on peripherals like Printers, Camera, GPS, Bluetooth, NFC and Beacons etc.

Solid understanding and practice in TOGAF architecture (not certified).

Ability to understand business requirements and translate them into technical requirements

Having good analytical, debugging and problem solving skills.



Successfully crafted and delivered many high quality small, medium and enterprise level mobile applications from scratch to Live.

I have trained more the 400+ professionals of various experiences across the country.

I have trained more the 600+ students from various colleges across the country.

Open to challenges and opportunities.

Experience

Technical Product Manager

Tiger Holidays

Apr 2022 - Present (1 year)

As a Technical Product Manager at Tiger Holidays, my main responsibilities would be to oversee the development and management of the company's technology products. This would include working closely with cross-functional teams to gather requirements, develop product roadmaps, and define product features. I would also be responsible for ensuring that the products are delivered on time, within budget, and meet quality standards.

In addition to these core responsibilities, I would also conduct market research, analyze user feedback, and monitor industry trends to ensure that our products remain competitive and relevant. I would collaborate with engineers and developers to translate technical requirements into user-friendly product features, and communicate effectively with technical and non-technical stakeholders.

To be successful in this role, I would need to have a strong technical background, excellent project management skills, and a keen eye for detail. I would also need to be able to prioritize tasks effectively, and work well under pressure to ensure that our products are always of the highest quality.

Technical Trainer - Web and Mobile Apps(ANDROID/IOS/JAVA/HTML/CSS/JS/PHP)

MiiMfi Technologies

Apr 2022 - Present (1 year)

Senior Technical Trainer

Edureka

Jan 2021 - Present (2 years 3 months)

Lead Engineer

GAVS Technologies

May 2021 - May 2022 (1 year 1 month)

Lead Engineer working in Healthcare domain, serving for HealthFirst one of the biggest healthcare service provider in New York. Responsible for maintenance and bug fixing of the HealthFirst iOS/



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Android mobile applications. Specialized in Mulesoft, AWS(Cloud watch, X-Ray, DynamoDB), Firebase, Crashlytics, Splunk etc.

Senior Engineer

GAVS Technologies

Jun 2018 - May 2021 (3 years)

GAVel is an next generation AIOps platform that uses, machine learning algorithms to predict and auto resolve incidents in IT Operations.

Tech Lead - Mobile Application Development

Vertisize Solutions

Sep 2017 - Jun 2018 (10 months)

Senior Software Engineer

Axiom xCell, Inc.

Jan 2016 - Jul 2017 (1 year 7 months)

Project Engineer

Wipro

May 2012 - Jan 2016 (3 years 9 months)

Education

Kongu Engineering College

Master of Computer Applications - MCA, Computer Science
2009 - 2012

Syed Hameetha Arts and Science College, Kilakarai

B.Sc - Information Technology, Information Technology
Jul 2006 - May 2009

Licenses & Certifications

 Learning Kotlin for Android Development - LinkedIn

 .NET MAUI First Look - LinkedIn

Skills

Android Development • iOS Development • Technical Training • Spring Boot • Mobile Application Development • Web Application Development • Full-Stack Development • Customer Relationship Management (CRM) • Product Management • Product Development



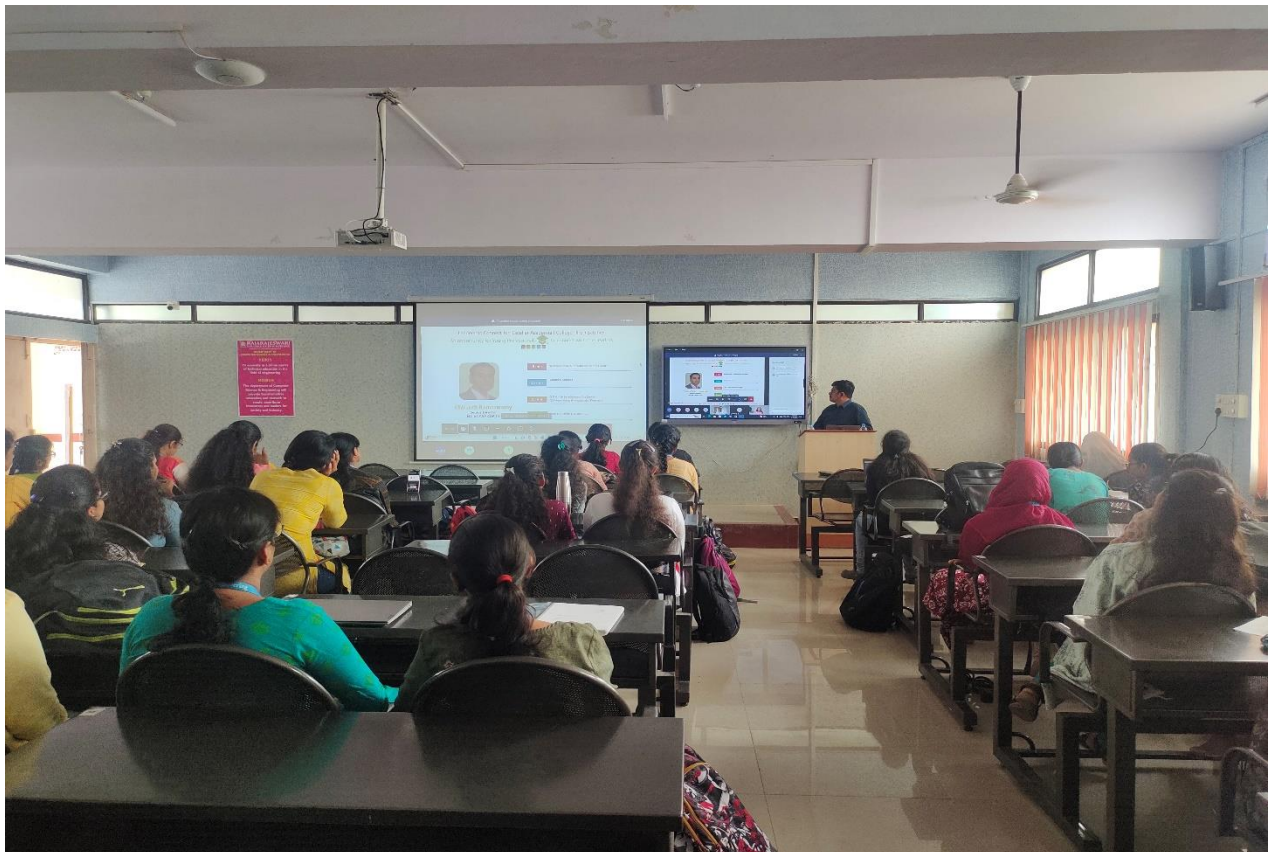
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Photos of the Training Program





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Feedback Videos

https://drive.google.com/file/d/1wDHS4OoSdDqU9v7_Zk2K6P0_daulG_r/view?usp=share_link

https://drive.google.com/file/d/1u7uUEhB0z6cITXjP9t6agn0HUqicDK1W/view?usp=share_link

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Department of Computer Science and Engineering

Student's Attendance

Batch 1: G3266

Transformation program - A CSR Initiative by Capgemini																				
Work Book No.		Name of the College : RajaRajeswari College Of Engineering																		
Part : P for Present and A for Absent		Course Name : Advanced C# and DOT NET (Part 2 : Database Management, Web Application using .net)																		
Trainer		Trainer Name : Mr. Mohamed Abdul Kader A																		
Start Date : 29.08.2023		End Date : 16.09.2023																		
Sl. No	Reg. Id	Student Name	29-Aug	30-Aug	31-Aug	01-Sep	02-Sep	03-Sep	04-Sep	05-Sep	06-Sep	07-Sep	08-Sep	09-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep
1	147007	HarshithaV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	147019	JessicaR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	147020	KavanaRam	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	147024	Poojal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	147026	MeghanaCV	P	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	
6	147034	DivyashreeML	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
7	147035	DhanuShree S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
8	147036	VishruthaKS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	147037	DarshiniHN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	147039	Prajwala Uday	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	146940	AnushaMahesh	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P
12	146941	DeepthiR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P
3	147040	LekhanaNG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	147041	RifaKhanum	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	147043	Dimple Priya GPriva	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
5	146942	PavithraBr	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
1	146943	RachanaShetty	A	A	A	A	A	A	A	A	A	A	X	A	A	A	A	A	A	P
146944	ChitraShreeV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
147045	ManasaT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
147047	ChethanaCP	A	A	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A



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Sl. No	Reg id	Student Name	29-Aug	30-Aug	31-Aug	1-Sep	4-Sep	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep
21	147048	ManasaG	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
22	146945	ManasaJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	146948	KavanaS k	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	147053	HarshithaE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
25	147058	ThrishaPatil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26	146950	ManasaB J	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
27	146951	BHOOMIKAHK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	146953	KARUNAM	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
29	146954	GOUTHAMIV N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	146955	PravalkaN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	147059	AnanyaR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
32	147053	PriyankaK A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	146956	DivyaJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	146957	Sai NidhiH V	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
35	146958	HARSHITHAD	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
36	147084	NandithaR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
37	147088	Devika RR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
38	147093	Binetta PBiju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
39	146959	KiranaS	P	A	P	A	A	A	A	A	A	A	A	P	P	P	P	
40	146962	RashikaM	A	A	A	A	A	A	P	P	P	P	P	P	A	P	P	
41	146963	AnushaAnusha	A	A	A	A	A	A	A	A	A	P	A	A	A	A	A	A
42	146964	RazeenaM	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
43	146965	Meghana M Poojari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
44	147258	T.Manjari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	



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Sl. No.	Student Name	Start Date: 29.08.2023														End Date: 16.09.2023	
		29-Aug	30-Aug	31-Aug	03-Sep	04-Sep	05-Sep	06-Sep	07-Sep	08-Sep	09-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep
45	147266	QurrathUl alen	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
46	147119	BrindaM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	147186	KavyaB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	147187	Chaltrās	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
49	147244	VarshaTN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	146972	KeerthanaG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	146975	ManasaGs	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	146983	RiyaKumari	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
53	146985	DiksheethaR	A	A	A	A	A	A	A	A	A	A	A	P	P	P	P
54	146991	bindushreeN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	146995	SahanaR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
56	146998	RakshithaN	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P
57	146999	Ankitha.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	147000	Hema krishnaGR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
59	147001	DivyashreeG	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
60	147002	Niharikal K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	147003	Gunankan K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
No of Mrs.			7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
No of Students Present			39	38	40	38	37	33	39	39	40	41	42	48	47	47	53
No of Students Absent			22	23	21	23	24	28	23	22	21	20	19	13	14	14	8
Signature of the Trainer			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Trainer Signature			<i>[Signature]</i>														
SPOC Signature & College Seal			<i>[Signature]</i>														
Principal's Signature			<i>[Signature]</i>														

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Part 2- Database Management, Web Application using .net (110 hrs with 3 Formative Assessments)											
S.No	Module	Topic	Sub Topic	Methodology	Duration	Traning Date	Trainer Signature				
1	Database Management	MS SQL Server	Database Management Using SQL	Lecture, Hands on	1	29-08-2023	A. Mohan Lal				
			SQL Server Management Studio	Lecture, Hands on	1						
			DML Statements, DDL Statements	Lecture, Hands on	1						
			Select Statement	Lecture, Hands on	1						
			SQL Functions	Lecture, Hands on	1						
			Joins and Subqueries	Lecture, Hands on	1						
			Transaction and TCL	Lecture, Hands on	1						
			Views and Indexes	Lecture, Hands on	1						
			Data Control Language	Lecture, Hands on	1						
			Functions and Stored Procedures, Triggers	Lecture, Hands on	1						
			Stage-3 Revision								
			Formative Assessment 3								
				Web Applications using .NET	What is Web Application			Lecture, Hands on	1	30-08-2023	A. Mohan Lal
					Types of application			Lecture, Hands on	1		
					Web Application Architecture			Lecture, Hands on	1		
		Components of an application	Lecture, Hands on	1							
		Summary - Why SQL Server?	Lecture, Hands on	1							
		Introduction to ASP.Net	Lecture, Hands on	1							
		ASP.NET Web Forms Model	Lecture, Hands on	1							
		The ASP.NET Component Model	Lecture, Hands on	1							
		Components of .Net Framework	Lecture, Hands on	1							
		Page Life Cycle	Lecture, Hands on	1							
		PostBack, Navigation, Menu	Lecture, Hands on	1							
		Life Cycle, Routing	Lecture, Hands on	1							
		Visual Studio IDE, Application components	Lecture, Hands on	1							
		Anatomy of project, Understanding Routes	Lecture, Hands on	1							
	ASP.NET and Web Programming	ASP.NET First App, Application and Page Events	Lecture, Hands on	1	01-09-2023	A. Mohan Lal					
		Server Controls, HTML Controls and Event Handling	Lecture, Hands on	1							
		Navigation Techniques	Lecture, Hands on	1							
		Managing States	Lecture, Hands on	1							
		Validation and List Controls	Lecture, Hands on	1							

PHYS



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Part 2- Database Management, Web Application using .net (110 hrs with 3 Formative Assessments)											
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			SQL Server Management Studio		Lecture, Hands on	1					
			DDL Statements, DDL Statements		Lecture, Hands on	1					
			Select Statement		Lecture, Hands on	1					
			SQL Functions		Lecture, Hands on	1					
			Joins and Subqueries		Lecture, Hands on	1					
			Transaction and TCL		Lecture, Hands on	1					
			Views and Indexes		Lecture, Hands on	1					
			Data Control Language		Lecture, Hands on	1					
			Functions and Stored Procedures, Triggers		Lecture, Hands on	1					
			Stage-3 Revision			1					
			Formative Assessment 3			2					
				Web Applications using .NET		What is Web Application				Lecture, Hands on	1
						Types of application				Lecture, Hands on	1
						Web Application Architecture				Lecture, Hands on	1
Components of an application		Lecture, Hands on				1					
Summary - Why SQL Server?		Lecture, Hands on				1					
Introduction to ASP.Net		Lecture, Hands on				1					
ASP.NET Web Forms Model		Lecture, Hands on				1					
The ASP.NET Component Model		Lecture, Hands on				1					
Components of .Net Framework		Lecture, Hands on				1					
Page Life Cycle		Lecture, Hands on				1					
PostBack, Navigation, Menu		Lecture, Hands on				1					
Life Cycle, Routing		Lecture, Hands on				1					
Visual Studio IDE, Application components		Lecture, Hands on				1					
Anatomy of project, Understanding Routes		Lecture, Hands on				1					
ASP.NET and Web Programming		Lecture, Hands on				1					
	ASP.NET and Web Programming		ASP.NET First App, Application and Page Events		Lecture, Hands on	1					
			Server Controls, HTML Controls and Event Handling		Lecture, Hands on	1					
			Navigation Techniques		Lecture, Hands on	1					
			Managing States		Lecture, Hands on	1					
			Validation and List Controls		Lecture, Hands on	1					

PKS



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				DDL Statements, DDL Statements	Lecture, Hands on	1			
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				SQL Functions	Lecture, Hands on	1			
				Joins and Subqueries	Lecture, Hands on	1			
				Transaction and TCL	Lecture, Hands on	1			
				Views and Indexes	Lecture, Hands on	1			
				Data Control Language	Lecture, Hands on	1			
				Functions and Stored Procedures, Triggers	Lecture, Hands on	1			
				Stage-3 Revision	Lecture, Hands on	1			
				Formative Assessment 3	Lecture, Hands on	2			
				Web Applications using .NET	What is Web Application	Lecture, Hands on			1
				Types of application	Lecture, Hands on	1			
		Web Application Architecture	Lecture, Hands on	1					
		Components of an application	Lecture, Hands on	1					
		Summary - Why SQL Server?	Lecture, Hands on	1					
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		Components of .Net Framework	Lecture, Hands on	1					
		Page Life Cycle	Lecture, Hands on	1					
		PostBack, Navigation, Menu	Lecture, Hands on	1					
		Life Cycle, Routing	Lecture, Hands on	1					
		Visual Studio IDE, Application components	Lecture, Hands on	1					
		Anatomy of project, Understanding Routes	Lecture, Hands on	1					
		ASP.NET and Web Programming	ASP.NET First App, Application and Page Events	Lecture, Hands on	1				
		Server Controls, HTML Controls and Event Handling	Lecture, Hands on	1					
		Navigation Techniques	Lecture, Hands on	1					
		Managing States	Lecture, Hands on	1					
		Validation and List Controls	Lecture, Hands on	1					

PKAS



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Department of Computer Science and Engineering

Part 2- Database Management, Web Application using .net (110 hrs with 3 Formative Assessments)							
S.No	Module	Topic	Sub Topic	Methodology	Duration	Trainer Signature	
1	Database Management	MS SQL Server	Database Management Using SQL	Lecture, Hands on	1	A. Mohamed Kader	
			SQL Server Management Studio	Lecture, Hands on	1		
			DDL Statements, DDL Statements	Lecture, Hands on	1		
			Select Statements	Lecture, Hands on	1		
			SQL Functions	Lecture, Hands on	1		
			Joins and Subqueries	Lecture, Hands on	1		
			Transaction and TCL	Lecture, Hands on	1		
			Views and Indexes	Lecture, Hands on	1		
			Data Control Language	Lecture, Hands on	1		
			Functions and Stored Procedures, Triggers	Lecture, Hands on	1		
			Stage-3 Revision	Lecture, Hands on	1		
			Formative Assessment 3	Lecture, Hands on	2		
			Web Applications using .NET	What is Web Application	Lecture, Hands on		1
			Types of application	Lecture, Hands on	1		
			Web Application Architecture	Lecture, Hands on	1		
Components of an application	Lecture, Hands on	1					
Summary - Why SQL Server?	Lecture, Hands on	1					
Introduction to ASP.NET	Lecture, Hands on	1					
ASP.NET Web Forms Model	Lecture, Hands on	1					
The ASP.NET Component Model	Lecture, Hands on	1					
Components of .Net Framework	Lecture, Hands on	1					
Page Life Cycle	Lecture, Hands on	1					
PostBack, Navigation, Menu	Lecture, Hands on	1					
Life Cycle, Routing	Lecture, Hands on	1					
Visual Studio IDE, Application components	Lecture, Hands on	1					
Anatomy of project, Understanding Routes	Lecture, Hands on	1					
ASP.NET and Web Programming	ASP.NET First App, Application and Page Events	Lecture, Hands on	1				
Server Controls, HTML Controls and Event Handling	Lecture, Hands on	1					
Navigation Techniques	Lecture, Hands on	1					
Managing States	Lecture, Hands on	1					
Validation and List Controls	Lecture, Hands on	1					

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Group Photos

