

Second Year of Engineering (Semester III)

**Introduction to basic Swift Programming**

Teaching Scheme	Credit	Examination Scheme
Theory : 2 Hrs/week Laboratory: 4 Hrs/week	Theory: 02 Practical:04	Mid_Sem: 30 End_Sem: 70

**Course Objectives:**

1. To learn and understand the basics of the Swift Language.
2. Understanding the programming concepts and features of Swift.
3. To understand the concepts of Variables, Data types and Control flow, functions, structures in Swift.
4. To provide knowledge of Interface Builder basics for Mobile app development using Xcode.

**Course Outcomes:**

Upon completion of the course, students will be able to:

CO1. Identify and Understand the basic terminologies used in Swift programming Language.

CO2. Proficient in using the basic constructs of Swift, to develop program.

CO3. Code and debug Swift programs using Xcode and Playground

CO4. Understand the fundamentals of Swift and be able to apply it in iOS app development.

Course Contents		
Unit I	Installation Basics & Introduction to Swift	08 Hours

**Introduction to Xcode and Swift Playgrounds:** Installation of Swift on macOS and Linux, creating a package, Building an Executable, Working with multiple Source File. Installation of Xcode, Working with Xcode, create a simple program and execute it using Xcode, Working with swift playgrounds, create a simple program and execute it using swift playgrounds.

**Introduction of Swift:** features of Swift, Data types, constant and variables, operators Type Annotations, Naming Constants and Variables, Printing Constants and Variables,

Unit II	Strings & Control Flow	08 Hours
---------	------------------------	----------

**Strings and Characters:** String Literals, Multiline String Literals, Special Characters in String Literals, Initializing an Empty String, String Mutability, Working with Characters, Concatenating Strings and Characters, String Interpolation, Counting Characters, Substrings, Comparing Strings, Prefix and Suffix Equality

**For-In Loops, While Loops:** While, Repeat-While. Conditional Statements: If-else, Switch, Control Transfer Statements: continue, break, fall through, return, and throw.

Unit III	Functions	07 Hours
----------	-----------	----------

**Functions:** Defining and Calling Functions, Function Parameters and Return Values: Functions Without Return Values, Functions with Multiple Return Values, Optional Tuple Return Types, Function Argument Labels and Parameter Names: Specifying Argument Labels, Omitting,



*Dr. Vitthalrao Vikhe Patil*  
PRINCIPAL  
Dr. Vitthalrao Vikhe Patil  
College of Engineering  
Ahmednagar

Argument Labels, Default Parameter Values, Variadic Parameters, Function Types, Function, Types as Parameter Types.

Unit IV	Structures and Classes	07 Hours
---------	------------------------	----------

**Structures:** Definition Syntax, Structure and Class Instances, Accessing Properties, Memberwise Initializers for Structure Types, Value types or Reference Types. Properties: Stored Properties, Lazy Stored Properties, Computed Properties, Property Observers. Global and Local Variables, Type Properties, Type Property Syntax, Querying and Setting Type Properties

Methods, Instance Methods, self-Property, Mutating Method, Type Methods Inheritance: Base Class, types of Inheritance, Sub classing, Overriding: Accessing Superclass Methods, Properties, and Subscripts, Overriding Methods, Overriding Properties, Overriding Property Getters and Setters, Preventing Overrides.

Unit V	Interface Builder Basics	07 Hours
--------	--------------------------	----------

**Introduction:** Introduction to iOS, Mobile application development, Overview of iOS platform, setting up Xcode & tools, MVC design pattern.

**Interface Builder Basics:** Common system views, Interface Builder Storyboards, project options, default project, create a new project with label and a greet function.

Unit VI	Introduction to UIKit	07 Hours
---------	-----------------------	----------

**Common system views configuration:** Label (UILabel), Image view, Text view, Toolbars (UIToolbar), Navigation bars, tab bars, Controls, Button, Segmented controls, Sliders, Switches, Date pickers, UIKit User Interface Catalog, Displaying data: Content mode, Unexpected Clipping.

**Auto Layout:** Layout for multiple sizes, Why Auto Layout?, Create alignment constraints, create size constraints, Resolve constraint issues, Safe area layout guide, resolve constraint warnings, Constraints between siblings,

**Stack Views:** Stack views, stack view attributes, Size classes

Learning Resources
--------------------

#### Text Books:

1. Matthew Mathias, John Gallagher, Swift Programming: The Big Nerd Ranch Guide 2nd edition, 2015.
2. Matt Neuberg, iOS 12 Programming Fundamentals with Swift, O'Reilly; 5th edition.
3. App Development with Swift (as available on iBook Store)

#### Reference Books:

1. Paris Buttfield-Addison, Jonathon Manning, Tim Nugent Learning Swift: Building Apps for macOS, iOS, and Beyond, O'Reilly Media, Inc., 3rd ed, 2018.
2. Jon Hoffman, Mastering Swift 4, Packt Publishing Limited, 4th edition, 2017.
3. Vandad Nahavandipour. iOS 11 Swift Programming Cookbook, O'Reilly Media, 2017
4. S. Yamacli, Beginner's Guide to iOS 11 App Development Using Swift 4: Xcode, Swift and App Design Fundamentals, (1e), USA: CreateSpace Independent Publishing Platform, 2017.

#### Swift Laboratory

#### Suggested List of Laboratory Experiments/Assignments

Student should perform at least 15 experiments from group A (**Use suitable programming language/Tool for implementation**)

#### Group A:

1. Installation of Swift, Xcode and Playground.
2. Program to print Hello world (Using terminal and Xcode)
3. Program to demonstrate variable and constant declaration in Swift.



  
PRINCIPAL  
Dr Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar

4. Program to demonstrate different arithmetic operators in Swift.
5. Program to demonstrate String Literals, Multiline string and special characters.
6. Program to demonstrate String mutability, Empty String and String Interpolation.
7. Program to demonstrate Characters in Swift.
8. Program to demonstrate various String comparisons in Swift.
9. Program to demonstrate For-In loop in Swift.
10. Program to demonstrate While loop in Swift.
11. Program to demonstrate Repeat-While in Swift.
12. Programs to demonstrate various control statements in Swift.
13. Programs to demonstrate function with and without return type and parameters.
14. Program to demonstrate function returning multiple values.
15. Program to demonstrate function returning optional tuple.
16. Programs to demonstrate function with and without argument label.
17. Program to demonstrate Structure.
18. Program to demonstrate Properties, Member wise and Initializers for Structure Types.
19. Programs to demonstrate Stored Properties, Lazy Stored Properties, and Computed Properties, and Property Observers.
20. Programs to demonstrate different types of Inheritance in Swift.

**Group B :**

1. Lab - Introduction.playground
2. Lab - Constants and Variables.playground
3. Lab - Operators.playground
4. Lab - Control Flow.playground
5. Lab - Strings.playground
6. Lab - Functions.playground
7. Lab - Structures.playground
8. Lab - Classes.playground
9. Lab - Loops.playground

**Group C:**

1. Guided Project: **Light**
2. Guided Project: **Apple Pie**



  
PRINCIPAL  
Dr Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar

Second Year of Engineering (Semester IV)

**Advanced Swift Programming and UI Concepts**

Teaching Scheme	Credit	Examination Scheme
Theory : 2 Hrs/week Laboratory: 4 Hrs/week	Theory: 02 Practical:04	Mid_Sem: 30 End_Sem: 70

**Course Objectives:**

1. To learn and understand the optionals, Type casting in Swift Language
2. Understanding the app anatomy and life cycle in Swift.
3. To learn concept of view controller life cycle and building simple workflows.
4. To provide knowledge of segues and navigation controllers for Mobile app development using Xcode.

**Course Outcomes:**

Upon completion of the course, students will be able to:

CO1. Identify and understand the optionals, Type casting used in Swift programming Language.

CO2. Proficient in building simple workflows.

CO3. Apply the Knowledge optionals, Type casting for iOS App development.

CO4. Understand the advanced concepts of Swift and be able to apply it in iOS app development.

Course Contents		
Unit I	Optionals	08 Hours

**Optionals:** Intro to Optionals, Specifying the Type of an Optional, Working with Optional Values, Functions and Optionals, Failable Initializers, Optional Chaining, Implicitly Unwrapped Optionals,

Unit II	Type Casting and Inspection,Guard,Enums	07 Hours
---------	---	----------

Type Casting, Any, Guard with optionals, Constant and variable scope, variable shadowing, Shadowing and Initializers, Enumerations

Unit III	App Anatomy and Life Cycle	08 Hours
----------	----------------------------	----------

**App life Cycle**, break down the delegate, Protocols methods: Did Finish Launching, Will Resign Active, Did Enter Background, Will Enter Foreground, Did Become Active, Will Terminate.

**View Controller life Cycle:** viewDidLoad, viewWillAppear, viewDidAppear, viewWillDisappear



*[Signature]*  
PRINCIPAL  
Dr. Vitthalrao Vikhe Patil  
College of Engineering  
Ahmednagar

<b>Unit IV</b>	<b>Building Simple Workflows</b>	<b>07 Hours</b>
----------------	----------------------------------	-----------------

Design Principles, Aesthetic Integrity, Consistency, Direct Manipulation, Feedback, Metaphors, User Control, Human Interface Guidelines, Navigation Hierarchy, Hierarchical Navigation, Flat Navigation, Content-Driven, or Experience-Driven, Navigation, Navigation Design Guidelines, Example Workflow

<b>Unit V</b>	<b>Segues, Navigation Controllers and Tab Bar Controllers</b>	<b>07 Hours</b>
---------------	---	-----------------

Segues, Unwind Segue, Navigation Controllers, Navigation Bar, Navigation Item, Pass Information, Create Programmatic Segues, Tab Bar Controllers: Add a Tab Bar Controller, Add Tabs, Tab Bar Items, Customize Tab Bar

Items, Configuring The TabBar, Programmatic Customization, Link the Tabs to Code

<b>Unit IV</b>	<b>User Interactivity and Advanced UI Concepts</b>	<b>07 Hours</b>
----------------	--	-----------------

**Common system views configuration:** Gestures, Extensions, Delegation, Protocols, Closures, and Handling Touches.

**Basic iOS Animations:** Timer, view based animations, UI dynamics, Alerts, Actions Sheets, Notifications, Segues.

#### Learning Resources

#### Text Books:

1. Matthew Mathias, John Gallagher, Swift Programming: The Big Nerd Ranch Guide 2nd edition, 2015.
2. Matt Neuberg, iOS 12 Programming Fundamentals with Swift, O'Reilly; 5th edition.
3. App Development with Swift (as available on iBook Store)

#### Reference Books:

1. Paris Buttfield-Addison, Jonathon Manning, Tim Nugent Learning Swift: Building Apps for macOS, iOS, and Beyond, O'Reilly Media, Inc., 3rd ed, 2018.
2. Jon Hoffman, Mastering Swift 4, Packt Publishing Limited, 4th edition, 2017.
3. Vandad Nahavandipoor. iOS 11 Swift Programming Cookbook, O'Reilly Media, 2017
4. S. Yamacli, Beginner's Guide to iOS 11 App Development Using Swift 4: Xcode, Swift and App Design Fundamentals, (1e), USA: CreateSpace Independent Publishing Platform, 2017.

#### Swift Laboratory

#### Suggested List of Laboratory Experiments/Assignments

(Use suitable programming language/Tool for implementation)

#### Group A:

1. Lab: Optionals.playground
2. Lab: Type casting.playground
3. Lab: Guard.playground
4. Lab: Enumerations.playground



*Dr. V. Patil*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar

**Group B:**

1. Create an App to demonstrate Lifecycle of an App.
2. Create an App to demonstrate ViewController Lifecycle.
3. Create an App to demonstrate User Interactivity and Advanced UI Concepts.
4. Create different apps using Timer, Alerts, Actions Sheets and Notifications.

**Group C:**

Guided Project: **Personality Quiz**



  
PRINCIPAL  
Dr Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar





॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥  
Dr. Vitthalrao Vikhe Patil Foundation's  
**Dr. Vitthalrao Vikhe Patil**  
**College of Engineering Ahmednagar**



Third Year of Engineering (Semester V)

**iPhone Application Development**

Teaching Scheme	Credit	Examination Scheme
Theory : 2 Hrs/week Laboratory: 4 Hrs/week	Theory: 02 Practical:04	Mid_Sem: 30 End_Sem: 70

**Course Objectives:**

1. To learn and understand the MVC Design pattern in Swift Language
2. Understanding the Parsing JSON data, SQLite databases in Swift.
3. To learn concept of Data Persistence.
4. To provide knowledge of Introduction to machine learning CoreML.

**Course Outcomes:**

Upon completion of the course, students will be able to:

- CO1. Identify and understand the MVC Design pattern used in Swift programming Language.
- CO2. Proficient in using the Parsing JSON data, SQLite databases of Swift, to develop program.
- CO3. Apply the Knowledge Data Persistence for iOS App development.
- CO4. Understand the fundamentals of machine learning CoreML and be able to apply it in iOS app development.

Course Contents		
Unit I	iPhone Application Development	08 Hours

Understand the MVC Design pattern, MVC in XCode, Using Application Templates, User Input and Output: Handling Keyboard Input, Implementing Alert, Sounds and Vibrations, Using XCode debugger.

Unit II	Database Management and Web Services	08 Hours
---------	--------------------------------------	----------

Parsing JSON data, Parsing XML data, SQLite databases, Web Service APIs calls

Unit III	Data Persistence	07 Hours
----------	------------------	----------

File System, SQLite, UserDefaults

**Concurrency and Background Execution:** GCD and Closures, NSOperation and NSOperation Queue, Background execution



*[Signature]*  
PRINCIPAL  
Dr. Vitthalrao Vikhe Patil  
College of Engineering  
Ahmednagar

Unit IV	Machine Learning on iOS	07 Hours
---------	-------------------------	----------

Introduction to machine learning CoreML - Using pre-trained machine learning models for image recognition Using IBM Watson Bluemix and Carthage for intelligent iOS apps Advanced CoreML - Converting a model from Caffe to MLModel CreateML - Creating your own image recognition model Advanced CreateML - Create a Twitter sentiment analysis machine learning model using natural language processing (NLP) tools from CreateML.

Introduction to augmented reality, ARKit and SceneKit, Creating 3D objects and text in AR

Unit V	Augmented Reality on iOS and ARKIT	07 Hours
--------	------------------------------------	----------

Animations in AR Plane detection Measuring real world distances in AR Image recognition and tracking in AR Rendering 3D models on tracked images Playing videos in real world tracked images

Unit VI	Publishing to App Store	07 Hours
---------	-------------------------	----------

Familiarising with App Store, Connect How to write the app listing, Apple TestFlight, Submitting your app for review

Learning Resources
--------------------

#### Text Books:

1. Matthew Mathias, John Gallagher, Swift Programming: The Big Nerd Ranch Guide 2nd edition, 2015.
2. Matt Neuberg, iOS 12 Programming Fundamentals with Swift, O'Reilly; 5th edition.
3. App Development with Swift (as available on iBook Store)
4. Beginning ARKit for iPhone and iPad: Augmented Reality App Development for iOS, Wallace Wang, Springer India
5. Beginning Machine Learning In Ios Coreml Framework, Thakkar, Springer India
6. Machine Learning for iOS Developers, Abhishek Mishra, Wiley

#### Reference Books:

1. Paris Buttfield-Addison, Jonathon Manning, Tim Nugent Learning Swift: Building Apps for macOS, iOS, and Beyond, O'Reilly Media, Inc., 3rd ed, 2018.
2. Jon Hoffman, Mastering Swift 4, Packt Publishing Limited, 4th edition, 2017.
3. Vandad Nahavandipoor. iOS 11 Swift Programming Cookbook, O'Reilly Media, 2017
4. S. Yamacli, Beginner's Guide to iOS 11 App Development Using Swift 4: Xcode, Swift and App Design Fundamentals, (1e), USA: CreateSpace Independent Publishing Platform, 2017.

#### Group A:

Swift Laboratory
------------------

1. Guided Project: **Habits**
2. Guided Project: **Restaurants**

#### Group B:

1. Develop Weather Forecasting App using iOS
2. Develop student information system app for college using iOS
3. Develop Financial App using iOS
4. Create an iOS Question Answer App
5. Create a Calculator App using Ios

#### Group C:

1. Design ios app based on CoreML
2. Design ios home decor app based on AR model



*Dr. V. Patil*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar





**Inaugural of Apple Centre of Excellence by the hands of Hon. Vice chancellor, SPPU, Pune**



*Dr. Vithalrao Vikhe Patil*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



**Apple Centre of Excellence Laboratory**



  
PRINCIPAL  
Dr Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar





॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥

Dr. Vithalrao Vikhe Patil Foundation's

**Dr. Vithalrao Vikhe Patil College of Engineering**



Affiliated to SPPU, Pune (ID No. PU/AN/Engg./027(1983))  
Recognized by AICTE, New Delhi & Government of Maharashtra  
Accredited by NAAC with **A+** Grade



*Apple Centre of Excellence*  
*(Apple Authorized Training Center Education)*

# Certificate

This is to certify that,

**Mr./Miss Shejul Amol Gorakshnath**

has successfully completed course (Duration 6 Months)

***"Fundamental of Swift Language -Apple Module-I"***

with **A+** grade during academic year 2022-23.

**Prof. Ravindra J. Lawande**  
Apple Certified Trainer

**Prof. (Dr.) Sandip R. Udawant,**  
Apple Center Coordinator

**Prof. (Dr.) Uday P. Naik,**  
Principal

📍 Vilad Ghat, Vadgaon Gupta PO MIDC,  
Ahmednagar, (MS) India - 414111



Certificate No.



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



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥

Dr. Vithalrao Vikhe Patil Foundation's

**Dr. Vithalrao Vikhe Patil College of Engineering**

Affiliated to SPPU, Pune (ID No. PU/AN/Engg./027(1983)

Recognized by AICTE, New Delhi & Government of Maharashtra

Accredited by NAAC with A+ Grade



**Apple Centre of Excellence**

(Authorized Training Center Education)

**Result Exam: Oct-2023**

**Fundamental of Swift Language (Module -I)**

Batch: March 2023		Seat No: 2022230006	
Name of the student : Miss. Kulkarni Bhakti Gajanan			
Subject Head	Max. Marks	Marks Obtained	Grade
Fundamental of Swift Language (TH)	100	66	A
Fundamental of Swift Language Lab (PR)	50	46	O
Fundamental of Swift Language Lab (TW)	50	46	O
Total	200	158	
Pointer	7.9	Grade	A+

Prof. R J. Lawande

Apple Certified Trainer

Prof. Dr. S R. Udawant

ATC Coordinator

Prof. Dr. Uday P. Naik

Principal



**Grading : 0-3.9 Fail (FF), 4.0 - 4.4 C, 4.5-4.9 B, 5-5.9 B+, 6.0-6.9 A, 7.0-7.9 A+, 8.0-8.9 A++, 9.0-10% O (Outstanding)**





Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

**Request to conduct Java Language training Program in college campus from 24th July to 28th July 2023 for TE / BE ( IT) 2024 / 2025 Batch Passing out batch**

2 messages

**Sudarshan Diwate** <tpo@enggnagar.com>  
To: Rahull Rai <rahulr@gttconnect.com>

Wed, Jul 19, 2023 at 2:49 PM

Dear sir ,

**Greetings from Training & Placement Cell of Dr. Vithalrao Vikhe Patil College of Engineering , Ahmednagar**

Thanks for providing free training opportunity to students under CSR activity, please find below details for further Process of Training Program.

Soon i will share Students details through Google form

1. Date of Training : **24<sup>th</sup> July to 28<sup>th</sup> July 2023 at College Campus**
2. Hours : 10 am to 5 pm considering ( Lunch / Tea Break )
3. No.Students : BE IT – 40 , TE IT – 55  
**Total – 95**
4. Course : **UG Engineering**
5. Pursuing Year : **2024 / 2025 Passout batch**
6. Mode of Delivery : Offline Mode
7. SPOC : Mr. Sudarshan Diwate , Training & Placement officer,  
Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar  
Official Contact No: 8554990213  
Personal Contact Number: 9860708052  
Email id : [tpo@enggnagar.com](mailto:tpo@enggnagar.com)
1. College Adress : Dr. Vithalrao Vikhe Patil College of Engineering, Post MIDC, Vadgaon Gupta (Vilad Ghat)  
Ahmednagar – 414111

**Thanks & Regards,****Mr. Sudarshan Diwate ,****Training & Placement officer,****Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar****College Website: <http://enggnagar.com/>****Official Contact No: 8554990213****Personal Contact No : 9860708052**

**Sudarshan Diwate** <tpo@enggnagar.com>

To: Rahull Rai &lt;rahulr@gttconnect.com&gt;, Nehau@gttfoundation.org

Fri, Jul 21, 2023 at 12:35 PM

**Thanks & Regards,****Mr. Sudarshan Diwate ,****Training & Placement officer,****Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar****College Website: <http://enggnagar.com/>****Official Contact No: 8554990213****Personal Contact No : 9860708052**

----- Forwarded message -----

From: **Sudarshan Diwate** <tpo@enggnagar.com>

Date: Wed, Jul 19, 2023 at 2:49 PM

Subject: Request to conduct Java Language training Program in college campus from 24th July to 28th July 2023 for TE / BE ( IT) 2024 / 2025 Batch Passing out batch

To: Rahull Rai &lt;rahulr@gttconnect.com&gt;

Dear sir ,

**Greetings from Training & Placement Cell of Dr. Vithalrao Vikhe Patil College of Engineering , Ahmednagar**

Thanks for providing free training opportunity to students under CSR activity, please find below details for further Process of Training Program.

Soon i will share Students details through Google form

1. Date of Training : **24<sup>th</sup> July to 28<sup>th</sup> July 2023 at College Campus**
2. Hours : 10 am to 5 pm considering ( Lunch / Tea Break )
3. No.Students : BE IT – 40 , TE IT – 55  
**Total – 95**
4. Course : **UG Engineering**
5. Pursuing Year : **2024 / 2025 Passout batch**
6. Mode of Delivery : Offline Mode
7. SPOC : Mr. Sudarshan Diwate , Training & Placement officer,  
Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar  
Official Contact No: 8554990213  
Personal Contact Number: 9860708052  
Email id : [tpo@enggnagar.com](mailto:tpo@enggnagar.com)
1. College Adress : Dr. Vithalrao Vikhe Patil College of Engineering, Post MIDC, Vadgaon Gupta (Vilad Ghat)  
Ahmednagar – 414111

Thanks & Regards,

**Mr. Sudarshan Diwate ,**

**Training & Placement officer,**

**Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar**

College Website: <http://enggnagar.com/>

Official Contact No: 8554990213

Personal Contact No : 9860708052





Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

## Free Hands on Training on "JAVA programming" is organized by training & Placement Cell in college campus from 28th July to 1st August for TE / BE ( IT) 2024 / 2025 Batch Passing out batch

1 message

Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

Wed, Jul 26, 2023 at 11:18 AM

To: Vaibhav Rokade <vaibhavrokade0408@gmail.com>, Shubham Bhapkar <shubhambhapkar0@gmail.com>, Sakshi Bedre <sakshi.bedre02@gmail.com>, Rushikesh Autade <rushiautade4545@gmail.com>, Kshitij Bhongale <bhongale.k2511@gmail.com>, Pratiksha Vikhe <pratuv2003@gmail.com>, Tushar Jadhav <tushartushar7773@gmail.com>, vallalarpita@gmail.com, rautv2512@gmail.com, yogitawagh617@gmail.com, 108\_ Sakshi Batule <sakshibatule19@gmail.com>, Shubhangi Waghumbare <shubhangiwaghumbare26@gmail.com>, Tayyaba Patel <tayyabapatel1922000@gmail.com>, Shubhangi Bhandwalkar <shubhangibhandwalkar9307@gmail.com>, anushkameher231@gmail.com, khushigandhi6996@gmail.com, pawarprerna30@gmail.com, Asalkar gauri <asalkargauri620@gmail.com>, mundlikshruti20@gmail.com, pranavapawar12@gmail.com, Harshada Bade <harshadabade9388@gmail.com>, Tanaya Kadam <tanayakadam82@gmail.com>, anarasepooja7@gmail.com, Pranita Tambe <pranititambe008@gmail.com>, Vaishnavi Shirsath <vaishnavishirsath2002@gmail.com>, yashanjiliberad410@gmail.com, namitasarate808@gmail.com, Chaitanya Joshi <chaitanyajoshi901@gmail.com>, Vivek More <vivekmore1294@gmail.com>, Chaitanya Nawde <chaitanyanawde0@gmail.com>, 109 BATULE Sapana <batulesapana653@gmail.com>, Hamza Sayed <sayedhamza88882651@gmail.com>, Bhuvaneshwari Sonune <bhuvaneshwarisonune3013@gmail.com>, thombalvaishnavi@gmail.com, Siddharth Admane <dattaadmane125@gmail.com>, Samiksha Chordiya <chordiyasamiksha58@gmail.com>, Akash Daule <akashdaule2611@gmail.com>, Shweta Sable <sableshtweta149@gmail.com>, Vishal sadaphal <vishalsadaphal595@gmail.com>, pramodatre05@gmail.com, apekshabankar26@gmail.com, Shifa Shaikh <shifajs10@gmail.com>, baderahul3112@gmail.com, amisha020702@gmail.com, Shaikh Jishan sk <jishanshaikh1310@gmail.com>, ajaydhanwate23@gmail.com, 304 - Gaurav Bhagat <bgaurav443@gmail.com>, Vishal Rathod <vishalrathod.23r5@gmail.com>, Bhakti Kulkarni <bhaktikulkarni993@gmail.com>, bansodesaburi23@gmail.com, Pooja Harishchandre <poojaharishchandre18@gmail.com>, Prajakta Adsure <adsureprajakta16@gmail.com>, Smita Katore <smitakatore05@gmail.com>, vaishnavi bhusare <vaishnavibhusare2002@gmail.com>, sakshiparkhe05@gmail.com, tejaswiniugale7457@gmail.com, swaminidangat18@gmail.com, Varad Kulkarni <kvarad430@gmail.com>, Disha Ransing <disharansing408@gmail.com>, Sakshi Markad <sakshimarkad52@gmail.com>, bhavikakarnawat789@gmail.com, Nikita Sarode <nikitarsarode@gmail.com>, Anurag Borude <anuragborude@gmail.com>, Aditya aher <aheraditya74@gmail.com>, Tanuja Garudkar <tanujagarudkar2004@gmail.com>, vaishnavisolankar04@gmail.com, Gayatree More <gayatreamore765@gmail.com>, 158 Prachi Kamathe <parchikamathe@gmail.com>, Mayuri Shinde <mayurishinde24304@gmail.com>, Varsha Yadav <yadavvarsha17178@gmail.com>, gauridhere1515@gmail.com, sangitavirkar7102@gmail.com, kaveriadsure510@gmail.com, harshavchar@gmail.com, Aniket Dandge <aniketdandge11@gmail.com>, kothulenitin082@gmail.com, Nikhil Shinde <nikhil8421449015@gmail.com>, Arshad Malik Malik <arshadmalikm34@gmail.com>, shubhjadhav2998@gmail.com, sanketshelke149@gmail.com, ATG GAMIFG <sohamkusmude@gmail.com>, Prashant Gawade <pngawade2003@gmail.com>, Rahul Tile <tilerahul8068@gmail.com>, Parag Palaskar <24092001paragpalaskar@gmail.com>, 7\_ Gorwara Hardik <hardikgorwara2002@gmail.com>, prachipatil186@gmail.com, Om Patil <om2438164@gmail.com>, kumatkarprajakta@gmail.com, Aditya Vile <adityavile02@gmail.com>, Vaishnavi Andure <vaishnaviandure2002@gmail.com>, Narendra Gore <ngore4981@gmail.com>, badednyaneshwar22@gmail.com, chotherutuja83@gmail.com, ga5776015@gmail.com, Ravikumar Singh <singhravikumar287@gmail.com>, kandekarshubham03@gmail.com, Pranjal Jagtap <pranjal.jagtap22@gmail.com>, mr.tambolidanish@gmail.com, gawarearti2002@gmail.com, Chaitanya Sase Patil <s9.chaitanya@gmail.com>, sumitraskar15@gmail.com, Pratik Bhingare <bhingarepratik7709@gmail.com>, aniketnaikwadi72@gmail.com, prithvirajkedari@gmail.com, saishwarya397@gmail.com, rupalinavgire2020@gmail.com

Cc: GANESH DAHANE <dahane\_it@enggnagar.com>, tpo\_it@enggnagar.com, DEEPAK VIDHATE <hod\_it@enggnagar.com>

Bcc: "Dr.Uday Naik" <principal@enggnagar.com>, Sudarshan Diwate <tpo@enggnagar.com>

Dear Students ,

Greetings from training & Placement cell of **Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar**

**Free Hands on Training on "JAVA programming" is organized by training & Placement Cell in college campus from 28th July to 1<sup>st</sup> August for TE / BE ( IT) 2024 / 2025 Batch Passing out batch students .**

**This Training is organized in association with Global Talent Track , Pune Under CSR activity of Barclays**

**Training is Scheduled at CCF Lab College Campus during 10am to 5m on 28<sup>th</sup> July , 29<sup>th</sup> July , 31<sup>st</sup> July , 1<sup>st</sup> August 2023**

Note :

- 1) Attendance is compulsory for all Registered Students
- 2) Please Bring your Laptops for performing practicals.

Please find attached list of registered students list & Syllabus of **Hands on Training on "JAVA programming"**

Thanks & Regards,  
**Mr. Sudarshan Diwate ,**  
Training & Placement officer,  
Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar  
College Website: <http://enggnagar.com/>  
Official Contact No: 8554990213

---

**2 attachments**

**Java\_Core -- 5Day TOC\_APG.pdf**  
254K



**Java Training Program Registered Students form TE BE IT 2024 2025 Batch.xlsx**  
13K

# Table of Contents: Java Core 5-Day Course

## Day 1: Introduction to Java Programming

### 1.1 Overview of Java

- History and Evolution
- Features and Advantages

### 1.2 Setting Up the Development Environment

- Installing JDK (Java Development Kit)
- Configuring PATH and CLASSPATH

### 1.3 Your First Java Program

- Writing a Simple Java Program
- Compiling and Running Java Code

## Day 2: Java Fundamentals and OOP Basics

### 2.1 Data Types, Variables, and Operators

- Primitive Data Types
- Declaring Variables
- Operators and Expressions

### 2.2 Control Flow

- If-Else Statements
- Switch Statements
- Loops (while, do-while, for)

### 2.3 Introduction to Object-Oriented Programming

- Classes and Objects
- Encapsulation, Inheritance, and Polymorphism

## Day 3: Object-Oriented Programming (Continued) and Exception Handling

### 3.1 Creating Classes and Objects

- Class Structure and Syntax
- Constructors and Initialization
- Using Objects and References

### 3.2 Working with Methods and Fields

- Instance and Static Members
- Access Modifiers (public, private, protected)
- Method Overloading and Overriding

### 3.3 Inheritance and Interfaces

- Extending Classes
- Abstract Classes
- Implementing Interfaces
- Multiple Inheritance in Java (Interfaces vs. Abstract Classes)

### 3.4 Understanding Exceptions

- Handling Exceptions (try-catch blocks)
- Throwing Exceptions (throw, throws)

## Day 4: Java Collections and File I/O

### 4.1 Java Collections Framework

- Lists, Sets, and Maps
- ArrayList, LinkedList, HashSet, HashMap
- Iterating through Collections

### 4.2 Synchronization in Java (Brief Introduction)

- Synchronized Methods and Blocks

## 4.3 Working with Files and Streams

- File Handling in Java
- Reading and Writing Text Files

## Day 5: Multithreading and Java GUI Basics

### 5.1 Introduction to Multithreading

- Creating Threads
- Thread States (New, Runnable, Blocked, Waiting, Terminated)

### 5.2 Java GUI Basics

- Overview of AWT and Swing
- Creating Basic GUI Applications
- Handling Events in GUI

### 5.3 Summary and Recap

- Review of Key Concepts
- Q&A Session
- Course Wrap-up

Note: All concepts will be explained with **theory, Quizes, examples and Capstone Project.**

BY: APG

# Ajinkya Gaikwad

M.E (Mechanical Design)

+91 9511892066

ajinkya.fa01@gmail.com

## Idea About

- IOT
- Robotics
- Cloud

## Career Objective

To utilize my expertise in training and development within the IT and soft skills industry, designing and delivering impactful learning programs that enhance technical proficiency, foster interpersonal growth, and drive business outcomes.

## Education

- **M.E. in Design Engineering** from University of Solapur in 2019, with **(90.40%) First class with distinction (CGPA:8.99)**
- **B.E. (Mechanical Engineering)** from SKN Sinhgad college of Engineering, Korti, Pandharpur, in 2016 with **(72.94%) First class with distinction.**
- **HSC with (69.17%) 1<sup>st</sup> class** and **SSC with (80.18%) 1<sup>st</sup> class with distinction** from Bhairavnath Vidyalaya and Jr. College Ankoli, in 2012 and 2010 respectively.

## Skills

### Programming Tools:

- JAVA ALL
- Spring boot
- SQL
- C, C++
- HTML
- CSS
- Jscript
- Fullstack

### Other:

- Soft Skills
- Word
- Excel
- Power point presentation.



## Technical Knowledge

---

- Soft skills training.
- Aptitude training.
- C and C++ Trainings.
- Python training.
- Corporate training for blue collars: Grooming, Hygiene & Leadership skills.

## Professional Experience

---

**Current Organization:** Infosys LTD, Pune.

**Designation** : Backend Developer

**Freelance Trainer:** since 2019

**Previous Organizations**

**1. CADD Center Aundh.**

**Designation** : - Senior Corporate Trainer.

**Duration** : - 15 Oct 2020 to 15 Nov 2021

**2. SKN Sinhgad College of Engineering, Korti.**

**Designation** : - Assistant Professor.

**Duration** : - 05 Jul 2017 to 30 Jan 2020

## Additional Qualification/ Certification

---

- **Soft Skills** *conducted by IIT Bombay online.*
- **Workplace Communication** *conducted by IIT Bombay online.*
- **Business Communication Level 5** *offered by Infosys LTD.*
- **Infosys Certified Python Programmer** *offered by Lex.*
- **Robotics** with score **80%** and Elite Grade *offered by NPTEL.*
- **Infosys Certified Spring boot developer** *offered by Lex.*
- **Excel Skills for Business Essentials** *offered by Coursera.*
- **Infosys Certified Java Developer** *offered by Lex.*
- **Infosys Certified Front End Web Developer** *offered by Lex.*

## Research Papers Published

---

- Gaikwad, A., & Gandhare, B. (2020). Maintenance Scheduling of Educational Transport Buses: A Case Study. In *Techno-Societal 2018* (pp. 729-737). Springer, Cham.
- A.P Gaikwad, B.S. Gandhare, "Reliability and maintainability analysis of transport buses in educational institute", *National Conference on Industrial Engineering and Technology Management*, NITIE, Mumbai, 01 December 2018.
- Gaikwad, A., & Gandhare, B. (2018) Conceptual Framework for RAM Analysis of Education Institute Transport buses acceptance. *National Conference on Innovations in Mechanical Engineering*, SKNSCOE, Pandharpur, India

## Seminar/Workshop/Conferences

---

- Attended **10** + workshops and organized 3 workshops.
- Attended **4** National and International Conferences, also **Co-ordinated** 3 National and International conferences

## Strength

---

- Presentation Skill
- Coding
- Good command over Excel and Word
- Hand on computer operating

## Personal Interests

---

- Learn, Implement, Earn
- Listening Radio and Songs
- Learning new software's
- Communication Technique

## Personal Details

---

Name: Mr. Ajinkya Pundalik Gaikwad  
Address: Somatane Phata, Talegaon, Pune -410506.

Marital Status: Married

Birthday: 2<sup>nd</sup> Oct, 1994  
Gender: Male

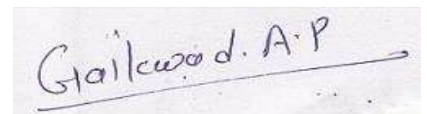
Nationality: Indian

## Declaration

I am Ajinkya Gaikwad, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Date.: 18/06/2023

Place: Pune.



---

Ajinkya Pundalik Gaikwad

Ref. No : CEA/T&P/3023/ 2176

Date : 21/08/2023

To ,  
Mr. Ajinkya Gaikwad,  
Java Trainer ,  
Talegaon, Pune

**Subject: Letter of Appreciation**

Dear Sir ,

Thank you very much for conduction of Free Hands on Training on "JAVA programming" is organized in Association with Global Talent Track , Pune Scheduled during 28th July 2023 to 1st August 2023 at College Campus for TE / BE ( IT) 2024 / 2025 Batch Passing out students


Thank you very much for conducting nice & informative session and thought provoking session for our students. All the students appreciated and benefited from your views on the subject .Looking forward for your cooperation for promotion of professional education in future as well.

**In Java training you have covered below Topics:**

- Day 1: Introduction to Java Programming
- Day 2: Java Fundamentals and OOP Basics
- Day 3: Object-Oriented Programming (Continued) and Exception Handling
- Day 4: Java Collections and File I/O
- Day 5: Multithreading and Java GUI Basics

Thanking you ,

Yours faithfully ,



( Dr. Uday P. Naik)

Principal

PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar





Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

---

**Proposal : Barclays "Life Skill" Program in Collaboration with Rubicon || Group VikhePatil, Ahmednaar**

4 messages

---

**Connect with Work** <cww@ajantatech.com>  
To: tpo@enggnagar.com

Mon, Jul 17, 2023 at 4:49 PM

---

**Barclays "Life Skill" Program in collaboration with Rubicon**

Respected Sudarshan Sir,

Greetings from Rubicon...!

It is my pleasure to introduce **Rubicon**; **Rubicon** was incepted with a dream of a world where every youth has the power to transform lives for themselves and others around them. We strongly believe that every youth has the potential to make a difference in their personal lives as well as the community around them. We build competencies, which would help youth seek careers and prosper in their careers of choice. We bring excitement into learning by developing and harnessing, their curiosity and intrinsic motivation for learning.

**Barclays "Life Skill" Program** in collaboration with Rubicon as an implantation partner and **Rubicon Foundation** as an NGO partner aims at improving the employability skills of the youth. Under this program, students will be trained by **Corporate Trainers** to enhance their life skills which would help them significantly to increase their chances of succeeding in a job interview. This program is being launched with a limited no of colleges in India.

**We are looking forward to partner with your institute and plan to run the below initiatives:****1. 24-Hrs. classroom capsule training program based on Interview Skills, Soft Skills & Personality Development****(Details mentioned below & training outline document attached).**

- Topic which will be covered during the training program is attached in the mail with the name "**Training Outline**".
- The batch size required would be 50 students.
- The Total duration of the training program in the institution is 24 Hours.
- The duration of training can be 6 to 8 hours per day.
- College can have multiple batches for training at the same time on the same dates.
- Rubicon will provide corporate trainers as per the number of batches.
- We are aiming to train final and pre-final year students only under "**Life Skill Training Program**".

**2. Industry visit of students at Barclays Office in Delhi & Noida which is applicable to the colleges of Delhi NCR only.****(Details is attached in the attachment).**

- Students will interact with Barclays Managerial position employees, get their queries answered on career options, career growth and latest trend in the industry.
- It will be a two-hour session from 2 pm to 4 pm.
- We required 15 confirmed students per batch to visit.
- We are aiming to train final & pre-final year students only under **"Life Skill Training Program"**.

### 3. Virtual Session with Barclays which is applicable to the colleges outside Delhi NCR.

- Virtual Session is exposure and interactive session between the students and Barclays Managers.
- During the session, students get the chance to interact with the manager of Barclays who carries rich experience in the industry.
- **Virtual Interactive Session cover the below topics:**
  - Organizational Structure.
  - Public Speaking.
  - Presentation Skills.
  - E-mail Etiquette.
  - Grooming.
  - Group Discussion.
  - Personal Interview.
  - Assessment will be conducted on Group Discussion and Personal Interview.
- We are aiming to train final & Pre-final year students only under **"Life Skill"** Training Program.

4. Placement Assistance in MNCs PAN India locations.

5. Post Placement Mentoring and Career Counseling for one year.

Look forward to working with your esteemed institution.

**Thanks & Regards,**

**Team Life Skill , Pune**

---

#### 2 attachments



**Training Outline.pdf**  
115K



**Campus Offline Registration format.xlsx**  
10K

---

**Sudarshan Diwate** <tpo@enggnagar.com>  
To: Connect with Work <cww@ajantatech.com>

Tue, Jul 18, 2023 at 10:57 AM

Dear Sir ,

Greetings from training & Placement cell of **Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar**

Thanks for Email & providing free training opportunity to students under CSR activity, Please find below details for further Process of Training Program.

Soon i will share Students details through Google form as per template shared by you.

1. Date of Training : **1<sup>st</sup> August to 4<sup>th</sup> august 2023**
2. Hours : 24 Hrs 10 am to 5 pm considering ( Lunch / Tea Break )
3. No.Students : BE E& TC – 20 , BE Electrical – 25 , BE Mechanical – 20 , BE IT – 50  
**Total – 115 ( 2 Batches )**

4. Course : **UG Engineering**
5. Pursuing Year : **2024 Passout**
6. Mode of Delivery : Offline Mode
7. SPOC : Mr. Sudarshan Diwate , Training & Placement officer,  
Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar  
Official Contact No: 8554990213  
Personal Contact Number: 9860708052 , Email id : [tpo@enggnagar.com](mailto:tpo@enggnagar.com)
8. College Address : Dr. Vithalrao Vikhe Patil College of Engineering, Post MIDC, Vadgaon Gupta (Vilad Ghat),  
Ahmednagar – 414111

**Note : We would like to mention that the Food & Stay arrangement of Trainers will be arranged in College Campus .**

Thanks & Regards,

**Mr. Sudarshan Diwate ,**

Training & Placement officer,

**Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar**

College Website: <http://enggnagar.com/>

Official Contact No: 8554990213

Personal Contact No: 9860708052

[Quoted text hidden]

---

**Connect with Work** <cw@ajantatech.com>  
To: Sudarshan Diwate <tpo@enggnagar.com>  
Cc: Tanuja Ghonekar <tanujag@rubiconngo.org>

Tue, Jul 18, 2023 at 4:33 PM

Thanks Sudarshan.

@Tanuja, kindly initiate the needful.

[Quoted text hidden]

---

**Sudarshan Diwate** <tpo@enggnagar.com>  
To: Connect with Work <cw@ajantatech.com>  
Cc: Tanuja Ghonekar <tanujag@rubiconngo.org>

Wed, Jul 19, 2023 at 10:36 AM

Dear Sir ,

Greetings from training & Placement cell of **Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar .**

Thanks for providing Free Training Opportunity to students. Please find the link below for a live response sheet. When any student submits the details, it will be updated on the live response sheet.

The details mentioned below are as per format shared by you .

<https://docs.google.com/spreadsheets/d/15tVYqMJhZFuRdz42btrAblwLzismrnGoamis5fVER3Q/edit?usp=sharing>

Thanks & Regards,

**Mr. Sudarshan Diwate ,**

Training & Placement officer,

**Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar**

College Website: <http://enggnagar.com/>

Official Contact No: 8554990213

Personal Contact No: 9860708052



[Quoted text hidden]



Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

## Barclays "Life Skill" free training Program in collaboration with Rubicon Scheduled on 1st August to 4th august 2023 at College Campus for BE ( IT / E & TC / Electrical / Mechanical ) 2024 Passing out batch

1 message

Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

Tue, Jul 18, 2023 at 11:33 AM

To: aribk9015@gmail.com, Amruta Ghodechor <amrutaghodechor15@gmail.com>, Takpire Om 40 <omtakpire2002@gmail.com>, Tanmay Madane <tanmaymadane25@gmail.com>, Nikhil Rupnar <nikhilrupnar5050@gmail.com>, shantanu282002@gmail.com, chaitanya gaikwad <gaikwadchaitanya66@gmail.com>, punddipak9@gmail.com, mayuri malpure <mmalpure0806@gmail.com>, Prashant Gambhir <prashantgambhir2002@gmail.com>, Janhavi Hire <janhavi2011hire@gmail.com>, sailid1042@email.com, Shraddha Vyavahare <vyavahareshraddha4@gmail.com>, sayyedsimran680@gmail.com, pranavapawar12@gmail.com, Vivek More <vivekmore1294@gmail.com>, Mayur Gaikwad <mayurgaikwad2712@gmail.com>, Chaitanya Joshi <chaitanyajoshi901@gmail.com>, Pranita Tambe <pranititambe008@gmail.com>, skawad3@gmail.com, Pooja Pardeshi <pardeshipoojak@gmail.com>, Purna Rajput <prernarajput43@gmail.com>, Abhishek Pathare-4 <pathareabhi96@gmail.com>, Snehal Auti <autisnehal39@gmail.com>, Onkar Sarode <onkarsarode0@gmail.com>, thombalvaishnavi@gmail.com, bhagyashreenbelote@gmail.com, vishalmohite1230@gmail.com, Azmat Musani <musaniazmat@gmail.com>, Tanaya Kadam <tanayakadam82@gmail.com>, Vaishnavi Shirsath <vaishnavishirsath2002@gmail.com>, Akshay Dangat <dangatakshay2001@gmail.com>, WAGHADE DEEPAK <deepakwaghade1434@gmail.com>, Prachi Patil <prachi1706patil@gmail.com>, Vaishnavi Andure <vaishnaviandure2002@gmail.com>, Rahul Bhagat <rahulsbhagat77@gmail.com>, yashanjaliherad410@gmail.com, bhaktiwakale01@gmail.com, Prajita Gaware <pgaware75@gmail.com>, NVXQF -Orderry <tusharg080@gmail.com>, shruti shinde <shrutishinde516@gmail.com>, Sarika Telore <sarikatelore1401@gmail.com>, dipali bhosale <dipalibhosale1230@gmail.com>, rutikateke2001@gmail.com, Vaishnavi Kakade <vaishnavikakade2410@gmail.com>, sonawane ganesh0676@gmail.com, ST Creation <sankettungar93@gmail.com>, Krishna Gugale <gugalekrishna999@gmail.com>, gaurav bakal <gauravbakal2003@gmail.com>, Vijay Tambe <vtambe569@gmail.com>, Aditya Khetre <adityakhetre456789@gmail.com>, 16 - Abhijeet Adsure <abhijeetadsure17@gmail.com>, khamkarm49@gmail.com, digvijaygale324@gmail.com, sakshiparkhe05@gmail.com, vaishnavi bhusare <vaishnavibhusare2002@gmail.com>, praturv2003@gmail.com, ashutoshkale9940@gmail.com, Swapnil Kute <swapnilkute075@gmail.com>, Shubham Bhapkar <shubhambhapkar0@gmail.com>, rautv2512@gmail.com, Rutuja Jawale <rutujajawale52@gmail.com>, apekshabankar26@gmail.com, Shivani Lad <shivani1ad328@gmail.com>, Prajakta Adsure <adsureprajakta16@gmail.com>, Ganesh Pote <ganeshdpote310102@gmail.com>, yadavvarsha17178@gmail.com, Nikhil Nanavare <nanavarenikhil9@gmail.com>, surwade352@gmail.com, pratik boga <pratikboga010@gmail.com>, Swapnil Bramhadandi <swapnilbramhadandi@gmail.com>, vaibhavbhandwalkar2272@gmail.com, vinitdnikam@gmail.com, shindesandy2003@gmail.com, sonawanevishal289@gmail.com, omkarbhokare940@gmail.com, Vedant Tupe <vedanttupe123@gmail.com>, piudawkharkar@gmail.com, vaibhavshinde14p@gmail.com, Sanket Khandare <sanketkhandare1111@gmail.com>, Vaishnavi Gaikwad <vaishnavigaikwad5536@gmail.com>, Shital Markad <shital372000@gmail.com>, bhavikakarnawat789@gmail.com, Amol Sharma <amolkrsharmasv@gmail.com>, RAMDAS THAKARE <ramdasthakare2002@gmail.com>, Shrinath Jadhav <jadhavshrinath53@gmail.com>, Umesh Dongare <umeshdongare2705@gmail.com>, Sunil Jadhav <suniljadhav2752@gmail.com>, Prashant Jagdale <pjbhaiya11@gmail.com>, dhakanevaishnavi@gmail.com, Mahesh Jawale <jawalemahesh068@gmail.com>, ROSHAN SINGH CREATIONS <rs4657010@gmail.com>, Siddhant Kamble <kamblesiddhant305@gmail.com>, Samruddhi Bhagwat <samruddhibhagwat0103@gmail.com>, Rushikesh Shinde <rushi0701133@gmail.com>, komalmane408@gmail.com, punam kamble <kamblepunam9503@gmail.com>, Shubham Lawande <shubhamlawande763@gmail.com>, Ayesha Shaikh <shaikhyeshahanif@gmail.com>, Tayyaba Patel <tayyabapatel1922000@gmail.com>, renukawairai198@gmail.com, Aishwaryamudalkar4@gmail.com, Bhujbal Dnyaneshwar <bhujbalndnyaneshwar72@gmail.com>, shaikhaliya852002@gmail.com, Vaibhav Sanap <vaibhavsanap201@gmail.com>, Prajaktajadhav679@gmail.com, amisha020702@gmail.com, kaveriadsure510@gmail.com, Nitin Kale <nitinkale8378@gmail.com>, anushkameher231@gmail.com, vairalkomal20@gmail.com, Anurag Borude <anuragborude@gmail.com>, Aditya Pathare <adityapathare8805@gmail.com>, Onkar Godase <onkargodase29@gmail.com>

Cc: AMOL LANDGE <landge\_etc@enggnagar.com>, TPO E&TC <tpo\_etc@enggnagar.com>, ANITA PATIL <hod\_etc@enggnagar.com>, GANESH DAHANE <dahane\_it@enggnagar.com>, tpo\_it@enggnagar.com, DEEPAK VIDHATE <hod\_it@enggnagar.com>, TPO Electrical <tpo\_elect@enggnagar.com>, RAHUL DARANDALE <darandale\_mech@enggnagar.com>, hod\_elect@enggnagar.com, ajit laware <ajitlaware2003@gmail.com>

Bcc: "Dr.Uday Naik" <principal@enggnagar.com>, Sunil Kalhapure <kalhapure@hotmail.com>

Dear Students ,

Greetings from Training &amp; Placement Cell of Dr. Vithalrao Vikhe Patil College of Engineering , Ahmednagar .

Barclays "Life Skill" free training Program in collaboration with Rubicon Scheduled on 1st August to 4th august 2023 at College Campus for BE ( IT / E & TC / Electrical / Mechanical ) 2024 Passing out batch

For this free training Students Registration on College Registration Link is compulsory .

As per the count given by HOD of each dept. This training program will be for Students who will do early registrations. Students who will do registration and will remain absent for training program strict action will be taken against such students .

No.Students : BE E& TC – 20 , BE Electrical – 25 , BE Mechanical – 20 , BE IT – 50

Total – 115 ( 2 Batches ) College registration link :

**College Registration Link :**

<https://forms.gle/cL2kf8WPWmWbhXex5>

Please find following Training Proposal from Rubicon

Greetings from Rubicon!

It is my pleasure to introduce Rubicon; Rubicon was incepted with a dream of a world where every youth has the power to transform lives for themselves and others around them. We strongly believe that every youth has the potential to make a difference in their personal lives as well as the community around them. We build competencies, which would help youth seek careers and prosper in their career of choice. We bring excitement into learning by developing and harnessing their curiosity and intrinsic motivation for learning.

Rubicon's "Connect with Work" Program, supported by Barclays aims at improving the employability skills of the youth. This initiative is supported by Barclays. Under this program, students will be trained by Corporate Trainers to enhance their Life skills which would help them significantly to increase their chance of succeeding in a job interview. This program is being launched with limited no of colleges in India.

We are looking forward to partner with your institute and plan to run the below initiatives:

1. 24 hrs. classroom training on Interview Skills ( Details mentioned below)
2. Industry visit of students to various organizations.
3. Post Placement Mentoring and Career Counselling for one year.

**In Life Skills training, we will be covering the below topics:**

1. Organizational Structure
2. Public Speaking
3. Presentation Skills
4. E-mail Etiquette
5. Grooming
6. Group Discussion
7. Personal Interview
8. Assessment will be conducted on Group Discussion and Personal Interview.

Note: We would like to clarify that neither the student nor the college is required to pay anything for this program.

**Please find below Syllabus Link:**

<https://docs.google.com/document/d/1IGRaRvizHP9SkrVN2MJrF8OTTdxGcGFN/edit?usp=sharing&oid=109521721515404844869&rtpof=true&sd=true>

Thanks & Regards,

**Mr. Sudarshan Diwate ,**

Training & Placement officer,

**Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar**

College Website: <http://enggnagar.com/>

Official Contact No: 8554990213



Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

**Proposal : Barclays "Life Skill" Program in Collaboration with Rubicon || Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar || 2nd Slot**

1 message

**Sudarshan Diwate** <tpo@enggnagar.com>

Tue, Jul 25, 2023 at 12:37 PM

To: tahnujag@my-rubicon.com

Cc: cww@ajantatech.com

Dear Mam ,

**Greetings from training & Placement cell of Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar**

Thanks for Email & providing free training opportunity to students under CSR activity, Please find below details for further Process of Training Program.

Soon i will share Students details through Google form as per template shared by you.

1. **Date of Training : 2nd August to 5th august 2023**
2. Hours : 24 Hrs 10 am to 5 pm considering ( Lunch / Tea Break )
3. **No.Students : BE IT – 50**  
**Total –50 ( 1 Batches )**
4. Course : UG Engineering
5. Pursuing Year : 2024 Passout
6. Mode of Delivery : Offline Mode
7. SPOC : Mr. Sudarshan Diwate , Training & Placement officer,  
Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar  
Official Contact No: 8554990213  
Personal Contact Number: 9860708052 , Email id : [tpo@enggnagar.com](mailto:tpo@enggnagar.com)
8. College Adress : Dr. Vithalrao Vikhe Patil College of Engineering, Post MIDC, Vadgaon Gupta (Vilad Ghat),  
Ahmednagar – 414111

Note : We would like to mention that the Food & Stay arrangement of Trainers will be arranged in College Campus

**Thanks & Regards,****Mr. Sudarshan Diwate ,****Training & Placement officer,****Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar****College Website: <http://enggnagar.com/>****Official Contact No: 8554990213****Personal Contact No : 9860708052**

## Rubicon Training Outline

New Hire Training/ Personality Development/ Employability Skills			
Sr. No.	Topic	Learning Objectives	Duration
1	Expectation setting	To learn Industry expectations from freshers	1
2	Ice breaking	To know more about the trainer & candidates	1
3	Organizational Structure	To learn Organizational structure	2
4	SWOT Analysis	To identify their Strength/Weakness/Opportunities/ Threat	2
5	Corporate Jargons	To learn most commonly used words in corporates	1
6	Public Speaking	To eliminate stage fear	2
7	Presentation Skills	To articulate your thoughts through Power point presentation	2
8	E-mail Etiquette	To learn E-mail writing skills	2
9	Grooming	Dress to impress/ Proximity/ Personal hygiene/	2
10	Body language	To learn positive body language	1
11	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics	2
12	Group Discussion	To access candidates' public speaking skills	2
13	Personal Interview	To perform well during interviews	4
Total			24 hrs

॥ नहि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥  
DR. VITHALRAO VIKHE PATIL FOUNDATION'S  
**Dr. VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING**

Affiliated to SPPU, Pune ( ID. No. PU/AN/Engg./027/(1983)  
& recognized by A.I.C.T.E., New Delhi & Govt. of Maharashtra  
Accredited by NAAC, Bangalore

Ref. No : CEA/T&P/3023/ 2172

Date : 21/08/2023

To ,  
Ms. Snehal Nagare ,  
Soft Skill Trainer ,  
Sambhaji Nagar

Subject: Letter of Appreciation

Dear Madam ,

Thank you very much for conduction of Barclays "Life Skill" free training Program in collaboration with Rubicon , Pune Scheduled on 2<sup>nd</sup> August to 5th august 2023 at College Campus for BE ( IT ) 2024 Batch Passing out students

Thank you very much for conducting nice & informative session and thought provoking session for our students. All the students appreciated and benefited from your views on the subject .Looking forward for your cooperation for promotion of professional education in future as well

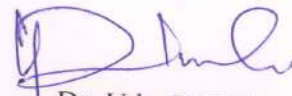
**In Life Skills training you have covered below Topics:**

1. Organizational Structure
2. Public Speaking
3. Presentation Skills
4. E-mail Etiquette
5. Grooming
6. Group Discussion
7. Personal Interview

Thanking you ,



Yours faithfully ,



Dr. Uday P. Naik

Principal  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar





Sudarshan Diwate &lt;tpo@enggnagar.com&gt;

---

**Appreciation Letter of Barclays "Life Skill" free training Program conducted at Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar**

1 message

---

**Sudarshan Diwate** <tpo@enggnagar.com>

Mon, Aug 21, 2023 at 3:54 PM

To: Civil Engineers Planet &lt;nagresnehal7@gmail.com&gt;

Dear Ms. Snehal Nagare ,

Greetings from training &amp; Placement cell of Dr .Vithalrao Vikhe Patil College of Engineering , Ahmednagar

Please find attached soft copy of appreciation letter for Barclays "Life Skill" free training Program in collaboration with Rubicon , Pune conducted on 2nd August to 5th august 2023 at College Campus for BE ( IT ) 2024 Batch Passing out students

Thanks &amp; Regards,

**Mr. Sudarshan Diwate ,**

Training &amp; Placement officer,

Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar

College Website: <http://enggnagar.com/>

Official Contact No: 8554990213

Personal Contact No : 9860708052

**Ms Snehal Nagare Soft Skill Trainer.PDF**

687K



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Sanket Khandare*

---

*For successfully completing 4 days training from 01<sup>st</sup> August 2023 to 04<sup>th</sup> August 2023  
on "Employability Skills" under "LifeSkills" programme organized by Rubicon  
at Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, Maharashtra.*

A handwritten signature in black ink, reading "Dhanya", with a horizontal line drawn through the middle of the signature.

*Dhanya Narayanan*

Chief Operating Officer



# CERTIFICATE

## — OF PARTICIPATION —

THE CERTIFICATE IS PRESENTED TO:

*Abhijeet Adsure*

---

For successfully completing 4 days training from 01<sup>st</sup> August 2023 to 04<sup>th</sup> August 2023  
on "Employability Skills" under "LifeSkills" programme organized by Rubicon  
at Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, Maharashtra.

A handwritten signature in black ink, reading "Dhanya", with a horizontal line drawn through the middle of the signature.

*Dhanya Narayanan*

Chief Operating Officer