

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(AUTONOMOUS & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**  
**LIST OF VALUE ADDED COURSES**

**Academic Year 2021-2022**

<b>S. No</b>	<b>Name of the Course</b>	<b>Date</b>	<b>Department</b>	<b>Number of Participation</b>
1	A Four Week Value Added Course on Ornamental fish breeding	01.09.2021 to 26.10.2021	Fisheries & Aqua culture	35
2	A Four Week Value Added Course on Angular JavaScript	13.09.2021 to 23.10.21	Software Decelopment	34
3	A Six Week Value Added Course on Matlab Basic	15.09.2021 to 28.12.2021	Maths	24
4	A Six Week Value Added Course on Entrepreneurship and Development	17.09.2021 to 30.10.2021	Commerce	57
5	A Four Week Value Added Course on Plant Propagation and Nursery Management	05.11.2021 to 09.12.2021	Botany	26
6	A Four Week Value Added Course on Public Finance	05.11.2021 to 09.12.2021	Economics	17
7	A Four Week Value Added Course on WordPress Web Development	13.12.2021 to 31.01.2022	Computer Science	30
8	A Five Week Value Added Course on Telugu Patrikalu - Journalism	16.12.2021 to 25.01.2022	Telugu	30
9	A Four Week Value Added Course on MUSHROOM CULTIVATION	15.12.2021 to 23.03.2022	Agriculture	30

S. No	Name of the Course	Date	Department	Number of Participation
10	A Six Week Value Added Course on Mathematical Methods of Physics	01.01.2022 to 15.02.2022	Physics	30
11	A Four Week Value Added Course on Polymers and Water analysis	18.01.2022 to 22.02.2022	Chemistry	38
12	A Four Week Value Added Course on Evaluation of Telugu Cinema Script and Writing	18.01.2022 to 22.02.2022	History	20
13	A Four Week Value Added Course on E-Governance	18.01.2022 to 22.02.2022	Political science	20
14	A Four Week Value Added Course on Food Plant Sanitation	1-2-2022 to 9-3-2022	Food Science & Technology	25
15	A Four Week Value Added Course on MS Office	01/02/2022 to 28/02/2022	AI Robotics	18
16	A Four Week Value Added Course on Ethics in Management	01.02.2022 to 09.03.2022	BBA	38
17	A Four week value added course on Basic Gardening	21.02.2022 to 26.05.2022	Agriculture	30
18	A Four Week Value Added Course on Critical Reading and Academic Writing	17.02.2022 to 26.03.2022	English	50
19	A Four Week Value Added Course on RDBMS-MS ACCESS	01.03.2022 to 31.03.2022	Computer Science	24

*A. Ch. ...*  
**IQAC Coordinator**  
 CO-ORDINATOR  
**IQAC**  
 Ideal College of Arts & Sciences (A)  
 KAKINADA

*T. Subramanyam*  
**Principal**  
 Principal  
 Ideal College of Arts & Sciences (A)  
 KAKINADA





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Dt:19.08.2021

**NOTICE**

All the I B.Voc students are here by informed that Department of Fisheries and Aquaculture conducting A Four Week value added course on "Ornamental Fish Breeding" from September 2021 to October 2021.

Interested candidates are register their names with Sri P.V. Lovaraju HOD of Fisheries and Aquaculture Course coordinator on or before 28.08.2021.

*K. Shanil*  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC

B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

A Four Week value added course on “Ornamental Fish Breeding”

Day wise course schedule

Day	Date	Topic
1	01/09/2021	Introduction to Aquarium And Ornamental Aquaculture
2	02/09/2021	Aquarium accessories
3	03/09/2021	Fresh water ornamental fishes
4	06/09/2021	Marine water ornamental fishes
5	07/09/2021	Assignment
6	08/09/2021	Introduction to Live bearers
7	09/09/2021	Guppies
8	13/09/2021	Mollies
9	14/09/2021	Sword tail
10	15/09/2021	Test
11	16/09/2021	Platy fish
12	17/09/2021	Breeding in live bearers
13	20/09/2021	Hatchery management for live bearers
14	21/09/2021	Hatchery management for live bearers
15	22/09/2021	Seminar
16	24/09/2021	Nursery management for live bearers
17	27/09/2021	Nursery management for live bearers
18	28/09/2021	Test
19	29/09/2021	Introduction to breeding in egg layers
20	01/10/2021	Angel fish
21	04/10/2021	Zebra fish
22	05/10/2021	Neon tetra
23	06/10/2021	Assignment
24	08/10/2021	Hatchery management in Egg layers
25	11/10/2021	Hatchery management in Egg layers
26	12/10/2021	Nursery Management in egg layers

27	18/10/2021	Seminar
28	20/10/2021	Seminar
29	25/10/2021	Nursery Management in egg layers
30	26/10/2021	Breeding of gold fish

  
**Signature of the Coordinator**



## Course Structure & Syllabus

30hr

### Objectives:

To impart hands on training on feed and feeding technology.

To impart hands on training on setting up of aquaria and maintenance

### Course Outcomes

- Students will learn to handle different aquarium equipment's
- Students will learn Decorations of aquarium
- Students will learn Breeding of Aquarium Fishes.

### **UNIT I: INTRODUCTION TO ORNAMENTAL FISHERIES**

Introduction to Aquarium and aquarium accessories. Basic knowledge on Ornamental fishes in world.

### **UNIT II: FISH BREEDING AND REARING IN LIVE BEARERS**

Breeding of live bearer species:  
Guppies, Mollies, Sword Tail, Platy

fish. Hatchery management System for Live Bearers. Nursery Management of live Bearers.

### **UNIT III: FISH BREEDING AND REARING IN EGG LAYERS**

Breeding of ornamental fishes with reference to egg layer species.  
Breeding of Angel fish, Zebra fish, Neon tetra Hatchery management System for egg layers. Nursery Management of egg layers. Breeding of Gold fish.



**IDEAL COLLEGE OF ARTS AND SCIENCES**

(AUTONOMOUS, NAAC B)

**DEPARTMENT OF FISHERIES AND AQUACULTURE**

**Offering**

**A FOUR WEEK VALUE ADDED COURSE ON**

**ORNAMENTAL FISHBREEDING**

### **Resource person**

Ms.N.Supriya

Assistant professor of Fisheries and Aquaculture

### **coordinator**

Sri. P.V.Lovaraju

HOD of Fisheries and Aquaculture

**Certificate will be provided on successful completion of course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr.Col.D.S.Raju, a close associate of Netaji Subhas Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr.P.V.N.Raju,Dr.P. Chiranjeevini Kumari, Dr.N.S. R.Sastry and others. The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr.P.V.N.Raju. The Secretary and Correspondent of the College is Dr.P.Chiranjeevini Kumari are nowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year.

The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was

Established and the College now caters to the educational needs of youth around 25Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

## ABOUT THE DEPARTMENT

The department of Fisheries and Aquaculture was established since the inception of the college(2019). The faculty members of the department are well experienced in teaching. The Department has a water analysis lab equipment's for Practical's and Maintaining a Culture ponds and bio-Flocks as per U.G.C. Guide lines. The department is maintaining a departmental library with the books of staff members, specimen copies for the ready reference to students to tackle problems in different methods in practical sessions.

## ABOUT THE COURSE

The concept of ornamental fish breeding is not totally a new course. To imparts hands on training on breeding for commercial important ornamental fishes. The basic benefits of ornamental breeding course is to generate export oriented employment in rural and urban households through ornamental fish production. The advantage of course finds a employment and entrepreneurship in ornamental fish sector.

### Registration form

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

Roll No: \_\_\_\_\_

Class : \_\_\_\_\_

Address for correspondence:

\_\_\_\_\_  
\_\_\_\_\_

Mobile No: \_\_\_\_\_

Email Id : \_\_\_\_\_

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM, KAKINADA

Department of Fisheries and Aquaculture

Value Added Course 2020-2021

List of Students

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	2200401302	KARRI VERRATA KISHORE	P.V. Kishore
2	2200401304	KETHIA UMA SHANKAR	Uma Shankar
3	2200401305	CHADARAM SRI DIANA APPALANAIDU	Appalanaidu.
4	2200401306	MALLADI RAMYADEVI	Ramya Devi
5	2200401308	SATYAWADA DAVID RAJU	Satyawada David Raju.
6	2200401309	PAKALAPATI DINESH CHANDRA	P. Dhinesh
7	2200401310	GOGU GANESH	G. Ganesh
8	2200401311	VISWANADHAPALLI AKASH KUMAR	Akash kumar
9	2200401312	DASAM SURYA GANGA NAGESWARA RAO	Nageshwararao
10	2200401314	YALAMANCHILI SATYA RAO	Satyarao
11	2200401315	MAHMAD RAJAK ALI	M. Rajak Ali
12	2200401317	PAPPULA PAVAN RAHUL	Rahul
13	2200401318	PIRLA SURYA PRAKASH	P. Surya Prakash



14	2200401319	CHODIPILL VICTOR IMMANUEL	immanuel
15	2200401320	TIRUMANADHAM LAKSHMI NARAYANA	Lakshmi narayana
16	2200401322	SATHI NAVEEN VENKATA KUMAR REDDY	Venkata kumar
17	2200401323	REPALLI PAVAN SAI KUMAR	Pavan Sai Kumar
18	2200401324	JAGADAM BHARGAVA DILEEP KUMAR	Dileep Kumar
19	2200401325	KURACHA DURGA TARUN	Durga Tarun
20	2200401326	ALLADA APPANNA DORA	Dora
21	2200401327	ALLURI SAI SHARMILA	Sai Sharmila
22	2200401328	VANAMADI SRIDEVI	Sridevi
23	2200401329	PANTHADA MARUTHI LAKSHMINARAYANA	Maruthi
24	2200401331	NAKKA SOWMYA	Sowmya
25	2200401332	KOLANKA TEJA RAJESH	Teja Rajesh
26	2200401333	SANAPATHI SEVITHKUMAR	Sevith Kumar
27	2200401334	DAKEY AISHWARYA	Aishwarya
28	2200401335	KARRI SHARON	Karri Sharon
29	2200401336	MALLIDI SATYA BHUPATHI REDDY	Bhupathi
30	2200401337	RAYUDU INANA PRASANNA	Prasanna
31	2200401338	DANDUPATI DHANUNJAI	Dhanunjai
32	2200401340	UPPU SANDEEP	U. Sandeep



33	2200401341	DADALA ANIL KUMAR	Anil Kumar
34	2200401343	P CHINNABABU	Chinna Babu
35	2200401344	GADA PRADEEP	G. Pradeep

N. Supra

SIGNATURE OF THE CLASS TEACHER

RD

SIGNATURE OF THE HOD

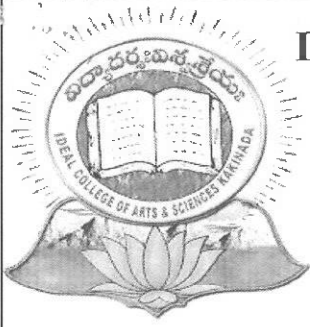
S. No.	ROLL NUMBER	NAME OF CANDIDATE	DATE											
			01.09.2021	02.09.2021	03.09.2021	04.09.2021	05.09.2021	06.09.2021	07.09.2021	08.09.2021	09.09.2021	10.09.2021		
1	2200401302	Kasvi-Yenkata Krishna	1	a	1	1	a	1	1	1	1	a	1	1
2	2200401304	Katha-Nama Shankar	1	1	1	1	1	1	1	1	1	1	1	1
3	2200401305	Chadavom Sai Obana Appalaaidu	a	1	1	a	1	a	1	1	1	1	1	a
4	2200401306	Malladi-Rampu dai	1	1	1	1	1	1	1	1	1	1	1	1
5	2200401308	Sahayandhi-David Raja	1	a	1	1	1	1	a	1	1	1	1	a
6	2200401309	Sabalapati-Dinuch Chandua	a	1	1	1	a	1	1	1	a	1	1	1
7	2200401310	Govu-Ganesh	1	1	a	1	1	1	1	a	1	a	1	1
8	2200401311	Yezurudampalli-Akashi Kumar	1	1	1	a	1	1	1	a	1	1	1	a
9	2200401312	Oram Sunya Gangi Nagarajana	1	a	1	a	1	1	1	a	1	1	1	1
10	2200401314	Yalamanchili-Satya Rao	1	1	a	1	1	a	1	1	1	1	1	a
11	2200401315	Mahamad-Bajaj Ali	1	1	1	1	a	1	1	1	1	1	1	1
12	2200401317	Pappula-Purna Raju	1	1	1	1	a	1	1	1	1	1	1	1
13	2200401318	Budu Sunya Prakash	a	1	1	1	1	1	1	1	1	1	1	1
14	2200401319	Chodipalli-Vijay Manjunath	1	a	1	1	1	1	1	1	1	1	1	a
15	2200401320	Tilumanandham-Lakshmi Manojana	1	1	a	1	1	1	1	1	1	1	1	1
16	2200401322	Sathi Nava Venkata Kumar Reddy	1	a	1	a	1	1	1	1	a	1	1	1
17	2200401325	Rajulu-Purna Sai Kumar	1	1	a	1	1	1	1	1	1	1	a	1
18	2200401324	Togadani-Bhaskar Sunya Kumar	1	1	1	1	a	1	1	1	1	1	1	a
19	2200401325	Kumarika-Sunya Sunya	1	1	1	1	1	a	a	1	1	1	1	a
20	2200401326	Allada Appanna Das	1	1	1	1	1	1	1	1	1	1	1	1
21	2200401327	Aruni-Sai Saravala	1	1	1	1	1	1	1	1	1	1	1	1
22	2200401328	Yanamudi-Sai Devi	a	1	1	a	1	1	1	1	1	1	1	1
23	2200401329	Sunifuda Musulla Lakshmi Manojana	a	1	1	1	1	1	1	a	1	1	1	1
24	2200401331	Nakka Sunya	1	1	1	1	1	1	1	1	1	1	1	1
25	2200401332	Kotanka Teja Rajesh	1	1	1	1	1	1	1	1	1	1	1	1
26	2200401333	Sunapalli-Saritha Kumar	a	1	1	1	1	1	1	1	1	1	1	a
27	2200401334	Chalapu-Nikhilnagar	1	1	1	1	1	1	1	1	1	1	1	1
28	2200401335	Kavali-Narasim	1	1	1	1	1	1	1	1	1	1	1	1
29	2200401326	Manchi Sunya Sunapalli Reddy	a	1	1	1	1	1	1	a	1	1	1	a
30	2200401337	Rajulu Malla Prasanna	1	a	1	1	a	1	1	1	1	a	1	1
31	2200401338	Dimduruji Othamanjan	1	1	1	1	1	1	1	1	1	1	1	a
32	2200401340	Babu Sundar	1	1	1	1	1	1	1	1	1	1	1	1
33	2200401341	Cochla-Anil Kumar	1	1	1	1	1	1	1	1	1	a	1	1
34	2200401343	P-Chinnababu	1	1	1	1	1	1	1	1	1	1	1	1
35	2200401344	Govu-Pradip	1	1	1	1	1	1	1	1	1	1	1	a

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DATE										01-10-2021
11.09.2021	12.09.2021	13.09.2021	14.09.2021	15.09.2021	16.09.2021	17.09.2021	18.09.2021	19.09.2021	20.09.2021	
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25	1	1	1	1	1	1	1	1	1	1
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31	1	1	1	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1	1	1	1

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# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

## VALUE-ADDED COURSE REPORT

A Four-week Value-Added Course on “Ornamental Fish Breeding”  
Organized by Department of Fisheries and  
Aquaculture (September 2021–October  
2021)

**Resource Person** : Ms. N. Supriya  
Assistant Professor of Fisheries and Aquaculture  
Ideal College of Arts & Sciences, Kakinada. E-  
mail: [hodfisheries@idealcollege.edu.in](mailto:hodfisheries@idealcollege.edu.in) Contact  
Number: 96522 27866

**Coordinator** : Sri P.V. Lovaraju,  
HOD of Fisheries and Aquaculture  
Ideal College of Arts & Sciences, Kakinada. E-  
Mail Id: [hodfisheries@idealcollege.edu.in](mailto:hodfisheries@idealcollege.edu.in)  
Contact Number: 89195 67363

### **OBJECTIVES:**

Increasing the value of the fishery product.

**Topics Covered** :

#### **UNIT I: INTRODUCTION TO ORNAMENTAL FISHERIES**

Introduction to Aquarium and aquarium accessories. Basic knowledge on Ornamental fishes in world.

#### **UNIT II: FISH BREEDING AND REARING IN LIVE BEARERS**

- \* Breeding of live bearer species: Guppies, Mollies, Sword Tail, Platy fish.
- \* Hatchery management System for Live Bearers.

20-21

\* Nursery Management of live Bearers

### **UNIT III: FISH BREEDING AND REARING IN EGG LAYERS**

- \* Breeding of ornamental fishes with reference to egg layer species.
- \* Breeding of Angel fish, Zebra fish, Neon tetra
- \* Hatchery management System for egg layers.
- \* Nursery Management of egg layers. Breeding of Gold fish.

#### **Outcome of the Course:**

Finds better ways for Utilization of low value fish species and providing protein rich convenience foods. Conversion of low price product into marketable high value product.

**Number of Participants:** 32 Members

  
Signature of the Coordinator





## IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM, KAKINADA

### DEPARTMENT OF FISHERIES AND AQUACULTURE

This is to Certify that *Dr./Ms./Mr./Mrs.* \_\_\_\_\_

\_\_\_\_\_ From \_\_\_\_\_ has completed Four week Value Added Course on “Ornamental Fish Breeding” Conducted by the Department of Fisheries and Aquaculture, Ideal College of Arts & Sciences(B), Kakinada from September 2021 to October 2021.

*N. Supriya*  
Ms.N.Supriya

**Resource Person**

*P.V. Lovaraju*  
P.V.Lovaraju

**Coordinator**

*T. Satyanarayana*  
Dr.T.Satyanarayana

**Principal**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

Dt: 01.09.2021

**NOTICE**

All the II B.Voc (Software Development) students are here by informed that Department of Computer Science is conducting A Four-week value added course on "Angular JavaScript" from September 2021 to October 2021.

Interested candidates are registering their names with Sri P.P.R. Mohan, HOD, Computer Science and Course coordinator on or before 09-09-2021.

  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



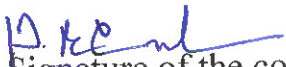
**IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA**  
(Autonomous & NAACB)

**B. Voc (Software Development)**  
**“Angular JavaScript”**

**Day Wise Course Schedule**

Day	Date	Topic
1	13-9-2021	Introduction to Angular JavaScript
2	14-9-2021	AngularJS Expressions, Numbers, Strings
3	15-9-2021	Objects and Arrays
4	16-9-2021	AngularJS Modules: Creating Modules, adding a controller
5	17-9-2021	Adding a directive, Modules and controllers in files
6	18-9-2021	Lab Practice
7	20-9-2021	AngularJS Directives: Data Binding, creating new Directives
8	21-9-2021	Wormup, Directives Restrictions
9	22-9-2021	Angular Model: ng-model Directives, Two-way binding,
10	23-9-2021	Validate user input, Application status, CSS Classes
11	24-9-2021	Assignment
12	25-9-2021	Lab Practice
13	27-9-2021	AngularJS Controller: Controller methods, Controllers in External files
14	28-9-2021	AngularJS Scopes: Root Scope
15	29-9-2021	AngularJS Filters: Adding filters to Expressions

16	30-9-2021	AddingfilterstoDirectives
17	1-10-2021	TheCurrencyfilter,Thefilterfilter
18	4-10-2021	Filter anarraybasedoninput,SortanArraybasedonuserinput
19	5-10-2021	CustomFilters
20	6-10-2021	LabPractice
21	7-10-2021	AngularJSTables
22	8-10-2021	Warmups,AngularJSTables
23	9-10-2021	AngularJSselect
24	11-10-2021	AngularJSSQL
25	12-10-2021	LabPractice
26	18-10-2021	Assignment
27	20-10-2021	AngularJSForms
28	21-10-2021	ConductingSeminar
29	22-10-2021	AngularJSValidation
30	23-10-2021	LabPractice

  
Signature of the coordinator

## Course Structure & Syllabus

30hrs

### Objectives:

AngularJS can create all the interactive elements we normally find on a website. The framework's main objective is to help develop single-page applications. AngularJS emphasizes code quality and testability, which is why web developers prefer it over other frameworks

### Course Outcomes:

It helps you gain in-depth knowledge of concepts such as TypeScript, Bootstrap Grid System, Dependency Injections, SPA (Single Page Application), Directives, Forms, Pipes, Promises, Observables, and understand the testing of the Angular class.

#### UNIT-1 (8Hours)

Introduction to Angular JS, Expressions, Modules, Directives

#### UNIT-2 (8 Hours)

Angular Model, Angular JS Controller, Angular Scope, Filters

#### UNIT-3 (8 Hours)

AngularJS Tables, Select, Angular JS SQL, Angular JS Forms and Validation

#### Co-curricular Activities (6 Hours)

Seminar/Quiz/Assignment



IDEAL COLLEGE OF ARTS & SCIENCE  
(Autonomous, NAAC B)  
KAKINADA

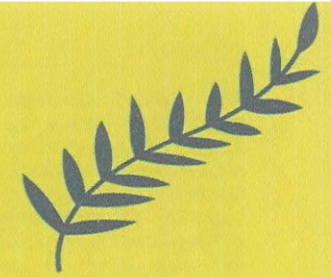
Department of Computer Science  
Offering

**A FOUR WEEK VALUE ADDED  
COURSE ON**

**Value Added Course  
on  
"Angular JavaScript"**



**Certificates will be provided on successful completion of the course**



### Resource Person

**Mr.V.Jeevan Kanth**

HOD, DEPARTMENT OF AI & ROBOTICS  
IDEAL COLLEGE OF ARTS AND SCIENCE  
KAKINADA

### Co-Ordinator

**Mr.PPR.Mohan**

HOD, DEPARTMENT OF COMPUTER SCIENCE  
IDEAL COLLEGE OF ARTS AND SCIENCE  
KAKINADA





## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 and inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India

Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr P. V .N. Raju, Dr P. ChiranjeeviniKumari, Dr N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. ChiranjeeviniKumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned throughout the entire district and created awareness among the parents and students for the immediate necessity of a co-education Degree College in Kakinada with support from the government. As a result, the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently, Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

## ABOUT THE DEPARTMENT

The department of Computer Science was established since 2020. The faculty members of the department are well experienced in teaching. The Department has a computers lab (for programming practice) as per U.G.C. Guide lines. The department is maintaining a departmental library with the books of staff members, specimen copies of publishers nearly 150 in number, for the ready reference to students to tackle different methods in practical sessions.

## ABOUT THE COURSE

Angular JS helps in building large-scale, high-performance, easy-to-use, and easy-to-maintain web applications. Angular JS is favored because, It lets you develop applications in a clean MVC pattern where the application logic is hidden from the user interface and separates layers. It supports dependency injection.

## Registration Form

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

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_

Address For  
Correspondence: \_\_\_\_\_

Mobile No: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Signature

IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAACB)

KAKINADA

Department of Computer Science

Value Added Course 2020-2021

List of Students

S.No	Roll No	Student Name	Signature
1	2200401601	E. Anil Kumar	E. Anil Kumar
2	2200401602	P. Satyanarayana	P. Satyanarayana
3	2200401603	T. Goutham Krishna	T. Goutham Krishna
4	2200401604	Sk. Afzal Ahmed	Sk. Afzal Ahmed
5	2200401606	S Bhuvaneshwari	S. Bhuvaneshwari
6	2200401607	K V S Suresh	K. Suresh
7	2200401608	G Sudheer	G. Sudheer
8	2200401610	D Supreeth Varma	D. Supreeth Varma
9	2200401611	J Anil Kumar	J. Anil Kumar
10	2200401612	N Sathish	N. Sathish
11	2200401613	P Vinay Sai Kumar	P. Sai Kumar
12	2200401615	P Ram Govind	P. Ram Govind
13	2200401619	N D S Vara Prasad	N. D. S. Vara Prasad
14	2200401621	R Venkatesh	R. Venkatesh
15	2200401622	R Manikanta	R. Manikanta
16	2200401623	B Bhuvaneshwar	B. Bhuvaneshwar
17	2200401625	T Sai Vignesh	T. Sai Vignesh
18	2200401626	U H S Abishek	U. H. S. Abishek
19	2200401627	A Hemanth Vara Prasad	A. Hemanth Vara Prasad
20	2200401628	K Grace Mary	K. Grace Mary
21	2200401629	E Divya Srivalli	E. Divya
22	2200401630	M Tejaswani	M. Tejaswani
23	2200401631	D V D D Ram Kumar	D. V. D. D. Ram Kumar
24	2200401633	P Raghu Ram	P. Raghu Ram
25	2200401635	K Chandra Shekar	K. Chandra Shekar
26	2200401637	R Devi Naga Venkat	R. Devi Naga Venkat
27	2200401638	M O S Vara Prasad	M. O. S. Vara Prasad
28	2200401639	M M V Durga Shankar	M. M. V. Durga Shankar
29	2200401640	K Satya Karthik	K. Satya Karthik
30	2200401641	V Jyotsna	V. Jyotsna
31	2200401643	G Sai Revanth	G. Sai Revanth
32	2200401644	B Sri Anupama	B. Sri Anupama
33	2200401646	V Sasi Bhushanam	V. Sasi Bhushanam
34	2200401601	V K V M Santhosh	V. K. V. M. Santhosh



S. No.	ROLL NUMBER	NAME OF CANDIDATE	DATE																	
			13/9/2021	14/9/2021	15/9/2021	16/9/2021	17/9/2021	18/9/2021	20/9/2021	21/9/2021	22/9/2021	23/9/2021								
1	2200401601	E. Anil kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	2200401602	P. Sathyanarayana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	2200401603	T. Gowtham Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	2200401604	S.K. Afzal Ahmed	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	2200401606	S. Bhuvaneshwari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	2200401607	K.V.S. Suresh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	2200401608	G. Sudheer	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	2200401610	D. Supreeth Varma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	2200401611	J. Anil kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	2200401612	N. Satish	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	2200401613	P. Vinay Sai kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	2200401615	P. Ram Gowtham	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	2200401619	N.O.S. varma prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	2200401621	R. Venkatesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	2200401622	R. Manikanta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	2200401623	B. Bhuvaneshwari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	2200401625	T. Sai Vinayesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	2200401626	U.H.S. Abhishek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	2200401627	A. Hemant varma prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	2200401628	K. Grace Mary	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	2200401629	E. Divya Saravalli	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	2200401630	M. Tejaswari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	2200401631	D.V.D. D. Ramkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	2200401633	P. Raghuram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	2200401635	K. Chandrashekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	2200401637	R. Devi Praga Venkat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	2200401638	M.O.S. varma prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	2200401639	M.M.V. Durga shankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	2200401640	K. Sathya Kantik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	2200401641	V. Jyotsna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	2200401642	G. Sai Revanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	2200401643	B. Sri Anupama	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	2200401644	V. Sasi Bhushanam	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	2200401646	V.K.V.M. Sankosh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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		DATE									
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12		P	P	P	P	P	P	P	P	P	P
13		P	P	P	P	P	P	P	P	P	P
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20		P	P	P	P	P	P	P	P	P	P

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S. No.	ROLL NUMBER	NAME OF CANDIDATE
1	2200401601	E. Anil kumar
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10	2200401612	N. Satish
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12	2200401615	P. Ram Gowind
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31	2200401642	G. Sai Revanth
32	2200401643	B. Sri Sarpama
33	2200401644	V. Sasi Bhushanam
34	2200401646	V.K.V.M. Sarthesh

	7/10/2021	8/10/2021	9/10/2021	11/10/2021	15/10/2021	18/10/2021	20/10/2021	22/10/2021	24/10/2021	25/10/2021	26/10/2021	27/10/2021	28/10/2021	29/10/2021	30/10/2021
21	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
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28	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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32	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**KAKINADA**

**VALUE-ADDED COURSE REPORT**

**A Four-week Value-Added Course on “Angular Java Script”**  
**Organized by Department of Computer Science**

**(September 2021 –October 2021)**

**Resource Person** : Sri V.Jeevan Kanth  
Assistant Professor of Computer Science  
Ideal College of Arts & Sciences, Kakinada  
E-mail: hodair@idealcollege.edu.in  
Contact Number: 9640419933

**Coordinator** : Sri PPR.Mohan,  
HOD,Computer Science  
Ideal College of Arts & Sciences, Kakinada  
E-mail: hodsd@idealcollege.edu.in  
Contact Number: 9985221118

**OBJECTIVES:**

AngularJS can create all the interactive elements we normally find on a website. The framework's main objective is to help develop single-page applications. AngularJS emphasizes code quality and testability, which is why web developers prefer it over other frameworks

**Topics Covered :**

**UNIT – I**

Introduction to Angular JS,Angular JS Expressions,  
Angular JS Modules,Angular JS Directives

**UNIT – II**

Angular Model,Angular JS Controller,  
Angular Scope,Angular Filters

**UNIT – III**

AngularJS Tables,Select,Angular JS SQL,  
Angular JS Forms and Validation

**Outcome of the Course:**

It helps you gain in-depth knowledge of concepts such as TypeScript, Bootstrap Grid System, Dependency Injections, SPA (Single Page Application), Directives, Forms, Pipes, Promises, Observables, and understand the testing of the Angular class.

**Number of Participants:** 32 Members

  
Signature of the Coordinator



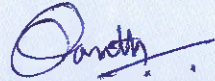
**IDEAL COLLEGE OF ARTS & SCIENCES**  
(AUTONOMOUS, NAAC B)  
KAKINADA


**DEPARTMENT OF COMPUTER SCIENCE**

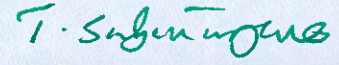
This is to Certify that Dr./Ms./Mr./Mrs.

.....  
from .....

Has completed Four- week Value-added Course on  
“Angular javaScript” Conducted by the Department of Computer Science ,  
Ideal College of Arts & Sciences(A), Kakinada,  
from September 2021 to October 2021

  
**Mr.V.Jeevan Kanth**  
Resource Person

  
**Mr.PPR.Mohan**  
Co-Ordinator

  
**T.Satyanarayana**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
*(Autonomous & NAAC B)*  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

**Dt: 08.11.2021**

All the I B.Sc (M.P.C & M.P.Cs) students are hereby informed that Department of Mathematics is conducting A Six-week value added course on "MATLAB BASICS" from November 2021 to December 2021.

Interested candidates are requested to register their names with Sri D.P.S Kiran, H O D Mathematics and Course coordinator on or before 18.11.2021.

*T. Subramanyam*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS & SCIENCES(A)**

*(Autonomous & NAAC B)*

**KAKINADA**

**B.Sc. MATHEMATICS**

**30 Hours of Value-Added Course on “MATLAB BASICS”**

**Day Wise Course Schedule**

<b>S.No</b>	<b>Date</b>	<b>Topic</b>
1	15.09.2021	Introduction to MATLAB
2	22.09.2021	Installing MATLAB
3	05.10.2021	Creating Variables
4	08.10.2021	Some Useful MATLAB Functions
5	11.10.2021	Some Useful MATLAB Functions
6	14.10.2021	MATLAB Data Types
7	13.10.2021	MATLAB Data Types & Practice
8	22.10.2021	Script Files
9	26.10.2021	MATLAB operators
10	29.10.2021	Practice session
11	02.11.2021	Quiz program
12	05.11.2021	Introduction to Arrays
13	07.11.2021	Graphing
14	10.11.2021	Good Programming Practices



15	13.11.2021	Practice session
16	17.11.2021	Input and Output Statements
17	19.11.2021	Conditional Statements
18	23.11.2021	Student seminar
19	25.11.2021	Loops
20	27.11.2021	For loop
21	31.11.2021	While loop
22	03.12.2021	Nested for Loops
23	08.12.2021	Practice session
24	13.12.2021	Student presentation
25	16.12.2021	Arrays
26	18.12.2021	Types of arrays
27	21.12.2021	Array functions
28	23.12.2021	Practice session
29	25.12.2021	Applications of MATLAB
30	28.12.2021	Problem solving session

  
**Signature Of the Coordinator**

## MATLAB BASICS

30 hrs

### OBJECTIVES:

- MATLAB introduces students to basic MATLAB programming concepts.
- MATLAB is a software package for carrying out numerical computations and analyses.
- It uses blocks of data called matrices (MATLAB stands for matrix laboratory).
- MATLAB is probably the most commonly used scientific and engineering numerical software

### COURSE OUTCOMES:

- Become familiar with fundamental operations in MATLAB
- Perform statistical data analysis, data interpolation by MATLAB, solve differentiation equation with MATLAB
- Acquire a reasonable level of competence in designing optimization algorithms, solve linear programming, constrained and unconstrained optimization problems by MATLAB
- Apply MATLAB to solve practical engineering problems Master used skills in MATLAB programming, code debugging.

### UNIT -I

Introduction to MATLAB, Creating Variables, Some Useful MATLAB Functions, Data Types, Script Files, MATLAB operators

### UNIT – II

Introduction to Arrays, Graphing, Good Programming Practices

### UNIT-III

Input and Output Statements, Conditional Statements, Loops, Nested Loops

### UNIT-IV

Arrays, Array Functions



## IDEAL COLLEGE OF ARTS & SCIENCES

(AUTONOMOUS, NAAC B)

## DEPARTMENT OF MATHEMATICS

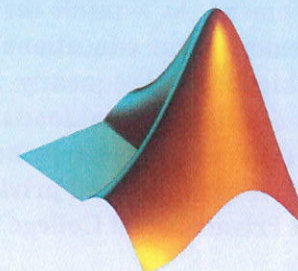
OFFERING

## 30 HOURS VALUE ADDED-COURSE

(September 2021-December 2021)

ON

## MATLAB BASICS



### Coordinator

**Sri. D.P.S. Kiran**

**H.O.D. Mathematics**

**Ideal College of Arts & Sciences (A),  
Kakinada**

### Resource person

**Ms. K T N Jyothi**

**Asst. Prof. of Mathematics**

**Ideal College of Arts & Sciences (A),  
Kakinada**

**Certificates will be provided on successful completion of the course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences , Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

## ABOUT THE DEPARTMENT

The department of mathematics was established since the inception of the college. The faculty members of the department are well experienced in teaching. The Department has a mathematics lab (for problem solving sessions) equipped with a computer to work for Practicals as per U.G.C. Guide lines. The department is maintaining a departmental library with the books of staff members, specimen copies of publishers nearly 324 in number, for the ready reference to students to tackle problems in different methods in practical sessions.

## ABOUT THE COURSE

The purpose of this course is to teach basic programming concepts and basic problem solving skills. MATLAB is a powerful software package that has built-in functions to accomplish a diverse range of tasks, from mathematical operations to three-dimensional imaging. MATLAB has a complete set of programming constructs that allow users to customize programs to their own specifications.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for

Correspondence : \_\_\_\_\_

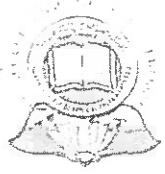
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\_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature



IDEAL COLLEGE OF ARTS AND SCIENCES  
(Autonomous & NAAC B)  
KAKINADA

DEPARTMENT OF MATHEMATICS

VALUE-ADDED COURSE 2021-22

ON

MATLAB BASICS

LIST OF ENROLLED STUDENTS

S.No	Roll No.	Name of the student	Signature
1	2210402401	ABHI MOGILI	Abhi.
2	2210402402	APPALA NAIDU BAIPUREDDI	B. Appala naidu
3	2210402408	DAIVA KRUPA PRASAD SANA	D. K. Prasad sana.
4	2210402409	DHARANI GUNNAM	G. Dharami
5	2210402413	GOWTHAMI OBBINA	O. Gowthami
6	2210402414	LAKSHMAN ALLAM	A. Lakshman
7	2210402418	MANAKANTA BALLA	B. Manakanta.
8	2210402419	MANIKANTA GADIDALA	G. Manikanta
9	2210402421	PARVATHI GANGADHAR GOPU	G. Parvathi ganadhary
10	2210402423	PRAVEEN KUMAR BEEJA	Praveen Kumar. B
11	2210402424	PURNA DURGA VEERA SUBHA SRI CHALLA	P. Durga
12	2210402425	RAJESH THORATI	T. Rajesh
13	2210402426	RAM CHARAN TEJA KALADI	K. Ram charan Teja
14	2210402428	SAGAR ADABALA	A. Sagar

15	2210402430	SAMEER URLA	U. Sameer
16	2210402431	SIVA NARAYANA KAKINADA	K. Siva Narayana
17	2210402432	SUDHEER SAGAR PIMMADI	P. Sudheer Sagar
18	2210402433	SURYA CHANDRA RAYI	R. Surya Chandra
19	2210402434	SURYA RAJENDRA KUMAR KONDALA	S. Surya Rajendra
20	2210402435	SURYA RAJESWARI ANUPOJU	S. Surya Rajeswari
21	2210402436	SWAMY NALLA	S. Swamy Nalla
22	2210402437	VEERA GANESH SEERAM	S. Veera Ganesh
23	2210402438	VEERA SATYA SUBRAHMANYA SWAMY GOLLAPALLI	Veera Satya
24	2210402439	VEERA VENKATA VINAY KAKI	Veera Venkata



సం. ....  
 వివరము

# Pupils Attendance Register

పాఠశాల పేరు  
 నామ వ్రాసండి

గ్రామ పేరు  
 నామ వ్రాసండి

తరగతి  
 నామ వ్రాసండి

క్ర. సం.	సం.	పేరు	పాఠశాల పేరు													గ్రామ పేరు													తరగతి				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
22101	02401	1 ABHI MOGILI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	402	2 APPALANaidu BAIPUREDDI	P	a	P	P	P	a	P	P				a	P	a	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P		
	408	3 DAIVA KRUPA PRASAD SANA	P	a	P	P	P	a	P	P				P	P	a	P	a	P	P	a	P	P	P	P	P	P	P	P	P	P		
	409	4 DHARANI GUNNAM	a	P	P	P	P	a	P	P				P	P	a	P	a	P	P	a	P	P	P	P	P	P	P	P	P	P		
	413	5 CHOWTHAMU OBBINA	P	P	P	P	P	P	P	P				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	414	6 LAKSHMAN KUMAR ALLAM	a	P	a	a	P	P	P					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	418	7 MANIKANTA BALLA	P	P	P	P	a	P	P					P	P	P	P	a	P	a	P	a	P	P	P	P	P	P	P	P	P		
	419	8 MANIKANTA CHADIDALA	P	a	P	P	P	a	a					P	P	P	a	P	a	P	a	P	a	P	P	P	P	P	P	P	P		
	421	9 PARVATHI CHANGADHAR Gopu	P	P	P	a	P	P	P					a	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	423	10 PRAVEEN KUMAR BEJTA	P	P	a	P	a	P	P					P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	424	11 PURNA DURGA VEERA SUBHASKR	a	P	P	P	P	P	P					P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	425	12 RAJESH THORATI	P	a	P	a	P	P	P					P	P	a	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P		
	426	13 RAM CHARAN TEJA KALADI	P	P	a	P	a	P	P					a	a	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	428	14 SAGAR ADABALA	P	P	P	a	P	a	P					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	430	15 SAMEER URLA	a	P	a	P	P	P	a					P	P	a	P	P	a	a	P	a	P	P	P	P	P	P	P	P	P		
	431	16 SIVANARAYANA KAKINADA	P	a	P	P	a	P	P					P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	432	17 SUDHEER SAGAR PEMMADI	P	P	P	a	P	P	P					a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	433	18 SURYA CHANDRA RAYI	P	P	P	a	P	P	P					P	a	a	P	P	P	a	P	P	a	P	P	P	P	P	P	P	P		
	434	19 SURYA RAJENDRA KUMAR KONDALA	P	P	a	P	P	P	a					P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P		
	435	20 SURYA RAJESWAR ANURADI	a	P	P	P	P	a	P					P	P	P	a	P	a	P	P	P	P	P	P	P	P	P	P	P	P		
	436	21 SWAMY NALLA	P	P	P	P	P	a	P					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	437	22 VEERA MANECH SEERAM	P	a	P	a	P	P	P					P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	438	23 V. S. SUBRAHMANYA SWAMY G.	a	P	a	P	P	P	P					P	P	a	a	P	a	P	P	P	P	P	P	P	P	P	P	P	P		
	439	24 VEERA VENKATA VINAY KAKI	P	a	P	P	a	P	P					P	P	a	a	P	a	P	P	P	P	P	P	P	P	P	P	P	P		

పాఠశాల పేరు: \_\_\_\_\_ చాలెజు: \_\_\_\_\_  
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పాఠశాల పేరు: \_\_\_\_\_

తరగతి: \_\_\_\_\_





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
*(Autonomous & NAAC B)*  
**KAKINADA**

**REPORT**

**30 Hours of Value-Added Course on "MATLAB BASICS"**

**Organized by Department of Mathematics**  
**(November 2021 – December 2021)**

**Resource Person :** **Ms. K T N Jyothi**  
Assistant Professor of Mathematics  
Ideal College of Arts & Sciences(A), Kakinada  
Email.: ktnjyothi9@gmail.com  
Contact Number: 9866602922

**Coordinator :** **Sri D.P.S. Kiran,**  
H.O.D Mathematics  
Ideal College of Arts & Sciences(A), Kakinada  
Email: kiransujeeva888@gmail.com  
Contact Number: 7569311909

**Objectives:**

- MATLAB introduces students to basic MATLAB programming concepts.
- MATLAB is a software package for carrying out numerical computations and analyses.
- It uses blocks of data called matrices (MATLAB stands for matrix laboratory).
- MATLAB is probably the most commonly used scientific and engineering numerical software

**Topics Covered :**

**UNIT -I**

Introduction to MATLAB, Creating Variables, Some Useful MATLAB Functions, Data Types, Script Files, MATLAB operators

**UNIT – II**

Introduction to Arrays, Graphing, Good Programming Practices

**UNIT-III**

Input and Output Statements, Conditional Statements, Loops, Nested Loops

**UNIT-IV**

Arrays, Array Functions



## **Outcome of the Course:**

- Become familiar with fundamental operations in MATLAB
- Perform statistical data analysis, data interpolation by MATLAB, solve differentiation equation with MATLAB
- Acquire a reasonable level of competence in designing optimization algorithms, solve linear programming, constrained and unconstrained optimization problems by MATLAB
- Apply MATLAB to solve practical engineering problems Master used skills in MATLAB programming, code debugging.

**Number of Participants:** 24 Members



**Signature of the Coordinator**



**IDEAL COLLEGE OF ARTS & SCIENCES**  
**(AUTONOMOUS, NAAC B)**  
**KAKINADA**

**DEPARTMENT OF MATHEMATICS**

**30 HOURS VALUE-ADDED COURSE ON "MATLAB BASICS"**

**CERTIFICATE**

*This Is To Certify That Dr./Ms./Mr./Mrs.*

.....

*has Completed 30 Hours Value-added Course On "MATLAB BASICS"*  
*Conducted By The Department Of Mathematics ,*  
*Ideal College Of Arts & Sciences(a), Kakinada,*  
*From September 2021 To December 2021*

*K.T.N. Jyothi*  
**Ms. K.T.N.Jyothi**  
**Resource Person**

*Sri D.P.S. Kiran*  
**Sri D.P.S. Kiran**  
**Coordinator**

*T. Satyanarayana*  
**Dr T.Satyanarayana**  
**Principal**  
**Ideal College of Arts & Sciences (A)**  
**KAKINADA**

**IDEAL COLLEGE OF ARTS AND SCIENCE**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

**Dt: 06.09.2021**

All the II B. Com Students are here by informed that Department of Commerce is conducting A Six-Week Value added course on “**Entrepreneurship and Development** ” from September 2021 to October 2021.

Interested candidates are requested to register their names with Sri V. Nageswara Rao, HOD, Commerce and Course coordinator on or before 16.09.2021.

*T. Subramanya*  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous, NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF COMMERCE**

**Value added Course for the year 2021-2022**

**A Six Week Value Added Course on “Entrepreneurship and Development”**

**Day Wise Course Schedule**

<b>S.No</b>	<b>Date</b>	<b>Topic</b>
1.	17.09.2021	Meaning & Definition of Entrepreneurship
2.	18.09.2021	Characteristics of Entrepreneurship
3.	20.09.2021	Classification of Entrepreneurship
4.	21.09.2021	Incorporation of Business
5.	22.09.2021	Incorporation of Business
6.	23.09.2021	Forms of Business Organization
7.	24.09.2021	Ideas in Entrepreneurship
8.	25.09.2021	Sources of New Ideas
9.	27.09.2021	Sources of New Ideas
10.	28.09.2021	Techniques for generating Ideas
11.	29.09.2021	Opportunity recognition
12.	30.09.2021	Opportunity recognition
13.	01.10.2021	Preparation of project report
14.	04.10.2021	Guidelines f or Report

15.	05.10.2021	Preparation project appraisal
16.	06.10.2021	Techniques economic steer analysis
17.	07.10.2021	Financial analysis
18.	08.10.2021	Market Analysis
19.	09.10.2021	Introduction to central level institutions
20.	11.10.2021	NABARD
21.	12.10.2021	SIDBI
22.	18.10.2021	NIC, KVIC & SIDIO
23.	20.10.2021	NSIC, Ltd.
24.	21.10.2021	DICS, SFC, SSIDC
25.	22.10.2021	PPT from students
26.	23.10.2021	PPT from students
27.	25.10.2021	Class from seminars from students
28.	26.10.2021	Class from seminars from students
29.	29.10.2021	Debate Competition
30.	30.10.2021	Assignments

V. nam   
Signature of the Coordinator



## Course Structure & Syllabus

30 hrs

### Objectives:

Studying entrepreneurship and ways to innovate can help you develop new ways to solve problem & Gain insights on ways to navigate the path to course outcomes success from ideation to market adoption.

### Course Outcomes:

Student will be able to assess or identify their readiness/ability/aptitude for entrepreneurship.

Student will be able to verbally articulate the value proposition of and entrepreneurial venture.

### Syllabus:

#### UNIT - I (6 hours)

Entrepreneurship characteristics - classification of entrepreneurship - incorporation of business - forms of business organizations.

#### UNIT - II (6 hours)

Ideas in Entrepreneurships - sources of new ideas - techniques for generating ideas opportunity recognition.

#### UNIT - III (6 hours)

Preparation of Project Report - content guidelines for report preparation project appraisal techniques economic step analysis, Financial analysis, market analysis.

#### UNIT - IV (6 hours)

Central level institutions; NABARO; SIDBI; NIC; KVIC; SIDIO; NSIC; Ltd' etc., state level institutions DICS-SFC-SSIDC-other financial assistance.

#### CO-Curricular Activities (6 hours)

Seminar/Quiz/Assignment/ practice.

#### Prescribed Text Book:

Arya Kumar, Entrepreneurship person, Delhi 2012.



**IDEAL COLLEGE OF ARTS AND  
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**DEPARTMENT OF COMMERCE  
OFFERING**

**A SIX WEEK VALUE ADDED COURSE**

**ON**

**“ENTREPRENEURSHIP AND  
DEVELOPMENT”**

**( SEPTEMBER 2021 TO OCTOBER 2021)**

**Resource Person**

**Coordinator**

**Sri Y.R.L. Chowdary**  
Lecturer in Commerce  
Ideal College of Arts and  
Sciences(A), Kakinada

**Sri V. Nageswara Rao**  
HOD, Commerce  
Ideal College of Arts and  
Sciences(A), Kakinada

**Certificates will be provided on successful  
completion of the course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### About the Department

The Department of Commerce aims at providing a complete academic and professional Environment to the students. The Department offers an opportunity to students to develop an attitude of objective inquiry and encourages them to take advantage of their exposure to a variety of courses offered that provide a rich environment for learning.

## About the Course

Entrepreneurship degrees over theoretical knowledge and practical activities understanding today's business environment, the ability to manage people and be a good sales person are a cornerstone in this modern and dynamic field.

entrepreneurship and wats to innovate can help you develop new ways to solve problems and gain insight on ways to negative the path to success from ideation to market adaption.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for  
Correspondence : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature

# STUDENT ENROLLMENT LIST

5

S. NO.	Roll NO	Name of the Student	Signature
1.	2200403001.	B. Akash	B. Akash
2.	3002	T. Akash	T. Akash
3	3004	B. Anusri	N. Devena RD
4	3006	N. Devena Raju	J. Dora Babu
5	3008	J. Dora Babu	J. D. Babu
6	3009	K. Durga Prasad	K. D. Prasad
7	3010	A. Durga Pavani	A. Durga pavani
8	3011	K. Ganga Prasad	K. G. Prasad
9	3013	S. Gouse Ahmad	S. Gouse Ah
10	3015	T. Kinnersa	T. Kinnersa
11	3016	N. Krishna Arjun	N. Krishna
12	3018	S. Lova Lakshmi.	S. L. Lakshmi
13	3019	M. Madhu	M. Madhu
14	3020	K. Manikanta	K. manikanta
15	3021	B. Manisha	B. Manisha
16	3022	CH. MOJESH	CH. MOJESH
17	3023	B. Naveen Babu	B. N. Babu
18	3024	P. Naveen Kumar.	P. Naveenkumar
19	3027	P. Prasad	P. Prasad
20	3028	G. Prasanna Jyothi	P. P. Jyothi
21	3029	P. Pratap	P. Pratap
22	3030	D. Prem Kumar	D. P. Kumar
23	3032	L. P. Durga Maheswari	L. P. D. Maheswari
24	3033	Ch. Rama Sai Kumar	Ch. R. S. Kumar
25	3034	X. Rambabu	Y. Rambabu
26	3035	S. Ruthika	S. Ruthika
27	3036	N Sai.	N. Sai.
28	3037	K. Satish Babu	K. Satish
29	3039	K. Satya Sai	K. S. Sai
30	3040	M. Simhadri	M. Simhadri

sno	Roll no	Name of the student	Signature
1.	2200403109	B. Ajay Mahadshi	B. A. Mahadshi
2.	3106	K. Dileep Kumar	K. Dileep
3.	3110	Y. Durga Prasad	Y. D. Prasad
4.	3112	K. Hasi Babu.	K. Haribabu
5.	3113	P. ISSAKU	P. ISSAKU
6.	3116	B. Kishore	B. Kishore
7.	3117	M. Lavanya Lakshmi	M. L. Lakshmi.
8.	3118	S. Mahesh	S. Mahesh
9.	3121	K. Murali	K. Murali
10.	3125	A. Pavan	A. Pavan
11.	3127	C. Praveen Ayush	C. P. Ayush
12.	3135	K. Satish	K. Satish
13.	3136	Y. Satish	Y. Satish
14.	3143	A. Sri Ram	A. Sri Ram
15.	3144	K. Sri Kanth	K. Sri Kanth
16.	3148	P. Suresh	P. Suresh
17.	3149	G. Syam Satish	G. S. Satish
18.	3150	S. Vasu	S. Vasu
19.	3151	K. Veera Lakshmi	K. V. Lakshmi
20.	3156	G. Venkata Siva	G. V. Sai
21.	3157	A. V. Sai Kumar	A. V. Sai Kumar
22.	3158	Y. Vishnu Sai	Y. V. Sai
23.	3159	P. Yuva Raju	P. Y. Raju
24.	3160	Y. Konda Babu	Y. Konda Babu
25.	3161	G. Sai Durga	G. S. Durga
26.	3162	A. Chandra Sekhara Rao	A. C. Sekhar.
27.	3163	S. Veera Babu	S. Veera Babu
28.	31		





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF COMMERCE**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed Six week value added course on  
**“Entrepreneurship and Development”** conducted by the Department of  
Commerce, Ideal College of Arts and Science(A), Kakinada, from September  
2021 to October 2021

*Y.R.L. Chowdary*  
Sri Y.R.L. Chowdary  
Resource Person

*V. Nageswara Rao*  
Sri V. Nageswara Rao  
Co-ordinator

*T. Satyanarayana*  
Dr. T. Satyanarayana  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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Samalkot Road, KAKINADA

**NOTICE**

**Date:22.10.2021.**

All the III B.Sc., (B.Z.C) students are hereby informed that Department of Botany is conducting A Four – week value added course on “**Plant Propagation and Nursery Management**” from November, 2021 to December, 2021.

Interested candidates are requested to register their names with Ms. D.Durga Bhavani, HOD Botany and Course Coordinator on or before 05.11.2021.

*T. Subramanya*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
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**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF BOTANY**

**Value added Course for the year 2021-2022**

**A Four Week Value Added Course on “Plant Propagation and Nursery Management”**

**Day Wise Course Schedule**

<b>S.No</b>	<b>Date</b>	<b>Topic</b>
1.	5-11-2021	Site selection and Identification of Plants
2.	6-11-2021	Propagation Methods
3.	8-11-2021	Classification
4.	9-11-2021	Factors affecting Plant growth
5.	10-11-2021	Growth regulators
6.	11-11-2021	Landscaping
7.	12-11-2021	Lawn making
8.	15-11-2021	Assignment – I
9.	16-11-2021	Seed Propagules
10.	17-11-2021	Germination of seed
11.	18-11-2021	Seed production
12.	19-11-2021	Seed dormancy
13.	20-11-2021	Hybrid seed production



14.	22-11-2021	Seed treatment
15.	23-11-2021	Seed testing and artificial seeds
16.	24-11-2021	Assignment – II
17.	25-11-2021	Stolon's, runners, offsets, bulbs
18.	26-11-2021	Rotted Crows, cuttings
19.	27-11-2021	Grafting, budding
20.	29-11-2021	Stock – scion relationship
21.	30-11-2021	Nursery Management
22.	01-12-2021	Micro propagations
23.	02-12-2021	Apomixes & Polyembryony
24.	03-12-2021	Nursery site and site selection, structures
25.	04-12-2021	Potting, repotting and progeny
26.	06-12-2021	Problems in Nursery management
27.	07-12-2021	Controls measures
28.	08-12-2021	Agri enterprises
29.	09-12-2021	Assignment – III

*D. Dwaga Bhavani*  
Signature of the Coordinator

# Course Structure & Syllabus

## OBJECTIVES:

Train students in the field of Plant Propagation for future work in seed companies and plant nurseries.

Expose students to propagation of Plant that have been genetically engineered.

Teach techniques and technologies for improving germplasm quality pathogen free, true to type and selection of improved Plant Propagules.

## COURSE OUTCOMES:

After Successful Completion of Value-added Course

Understand the principles of Plant reproduction, vegetative modes of propagation, tissue and cell culture technology and propagation of genetically engineered Plants.

## UNIT I

Basics of Nursery Management

Introduction to Nursery and Identification of Plants

Plant Propagation-Methods and Classifications

Factors affecting Plant Growth, Plant Growth Regulators

Introduction to Landscaping, Lawn Making

## UNIT II

Seed Propagation, Seed as Propagule, Germination of Seeds

Seed Dormancy and viability Seed Production- Methods of collection, processing etc

Hybrid seeds Production, Seed Treatment

Classes of Seed Seed Testing , Artificial Seeds

## UNIT III

Seed Propagation

Propagation through Stolons, runners, Offsets, bulbs, Corms, Rooted

Crows, division, Cuttings, Grafting and budding

Root Stock-Scion Relationship

Special practices in Nursery management

Micro-Propagation (tissue Culture/ In-Vitro Culture), Apomixis and polyembryony

## UNIT VI

Commercial nursery management

Nursery - site selection , layout , records

Nursery structures, Potting, repotting

Nursery management of major crops, Progeny Orchard

Problems in nursery management and its control

Agri - enterprises - stages of establishing enterprise, Project Identification, step to be considered in setting up an enterprise, Feasibility report, Product selection.

Co-Curricular Activities: Student Seminar, Assignment, Practice

Prescribed Text Book : Plant Propagation and Nursery Management: Hartmann, HT. Kester DE. Davis F.T. and R2 Geneva (2010)



## IDEAL COLLEGE OF ARTS AND SCIENCES (Autonomous & NAAC B)

DEPARTMENT OF BOTANY  
OFFERING

### A FOUR WEEK VALUE ADDED COURSE

ON

### PLANT PROPAGATION AND NURSERY MANAGEMENT

November 2021 - December 2021

#### Coordinator

Ms. D. Durga Bhavani  
HOD, Botany  
Ideal College of Arts and  
Sciences(A), Kakinada

#### Resource Person

Sri B. Ashok Rama Raju  
Assistant Professor of  
Botany  
Ideal College of Arts and  
Sciences(A), Kakinada

Certificates will be provided on successful  
completion of the course



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### About the Department

Department of Botany is one of the oldest departments in this college, Established in the year 1974 under the guidance of the then Eminent Taxonomist Sri A.SreeRama Murthy garu. The faculty members prepare Annual Academic Plan at the beginning of the Academic year in accordance with Academic calendar. They are actively participating in International & National Seminars and presenting papers. Publishing Research papers in Peer reviewed Journals. Regular field trips are conducted for the students. Encouraging students to take up study projects. Remedial classes for academically backward students are conducted by the faculty members. The students are encouraged to participate in various competitions organized in the university colleges.

Department for fully equipped laborites have are efficiently achieved.

## About the Course

This course aims to develop a basic understanding of the principles of plant propagation, an overview of propagation techniques, a general knowledge of the methods of propagation of the more commonly cultivated plants and the basic knowledge on entrepreneurial skills required to run a small scale commercial nursery.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for

Correspondence : \_\_\_\_\_

\_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

DEPARTMENT OF BOTANY

Value added Course for the year 2021-2022

## Plant Propagation and Nursery Management

S.No	Roll Number	Name of the Student	Signature
1.	2200402502	CHANDRA SEKHAR DADALA	D. Chandrasekhar
2.	2200402508	HARSHA SIVA VANUM	V. HARSHA
3.	2200402522	NAGENDRA KARANAM	K. Nagendar
4.	2200402523	NISSY KANIGIRI	K. Nissy
5.	2200402524	POORNIMA JANIPALLI	J. Poornima
6.	2200402529	SRIVALLI POTLAKAYALA	P. srivalli
7.	2200402530	SUPRIYA NALLI	N. Supriya
8.	2200402531	SURESH JAGU	J. SURESH
9.	2200402533	VAMSI KRISHNA POTHURAJU	P. vamsi krishna
10.	2200402534	VEERENDRA PATHETI	P. Veerendra
11.	2200402535	VENKATA RAMANA SINGAMPALLI	S. Venkata Ramana
12.	2200402536	VENKATA RAMESH SAPPA	S. Venkata Ramesh
13.	2200402537	VENNELA KARRI	K. Vennel
14.	2200402538	VYDEHI YERRABATHULA	Y. Vyadhi
15.	2200402539	LAHARE SATYA SRI PATI	P. Lahari
16.	2200402540	RAVI KUMAR PENKE	P. Ravi Kumar
17.	2200402541	KONDA BABUSARIKI	S. Konda Babu
18.	2200402542	KARTHIKEYA GANDETI	G. Karthikeya
19.	2200402533	VAMSI KRISHNA POTHURAJU	P. Vamsi Krishna

20.	2200402616	RAMESH BABU MUNDURU	Ramesh Babu
21.	2200402617	RAMESH DORA KUNJAM	R. Dora Kunjam
22.	2200402618	RAMESH SUNKU	S. Ramesh
23.	2200402620	SAI GOPALAPURAPU	S. Sai
24.	2200402623	SURYANARAYANA SUNKARA	S. Suryanarayana
25.	2200402624	SWAMI NAMA	N. Swami
26.	2200402625	SWAMY SURLA	S. Swamy



## Pupils Attendance Register

Sl. No.	Pupils	Date	P	A	B	C	D	E	F	G	H	I
402	1 D. chandra sekhar	5/11/2021	P									
508	2 v. Harsha siva	6/11/2021	P	P	P	P	P	P	P	P	P	P
522	3 K. Nagendra	8/11/2021	A	P	P	P	P	P	P	P	P	P
523	4 K. NISSY	9/11/2021	A	P	P	P	P	P	P	P	P	P
524	5 J. Poornima	10/11/2021	P	P	P	P	P	P	P	P	P	P
528	6 P. Srinu	11/11/2021	A	P	P	P	P	P	P	P	P	P
530	7 N. suPriya	12/11/2021	A	P	P	P	P	P	P	P	P	P
531	8 J. Suresh	13/11/21	P	P	P	P	P	P	P	P	P	P
533	9 P. vamsi krishna	14/11/21	P	P	P	P	P	P	P	P	P	P
534	10 P. veerendra	15/11/21	A	P	P	P	P	P	P	P	P	P
535	11 S. venkata Ramana	16/11/21	A	P	P	P	P	P	P	P	P	P
536	12 S. venkata Ramesh	17/11/21	P	P	P	P	P	P	P	P	P	P
537	13 K. kennela	18/11/21	P	P	P	P	P	P	P	P	P	P
538	14 Y. vydchi	19/11/21	P	P	P	P	P	P	P	P	P	P
539	15 P. lakshmi Satya	20/11/21	A	P	P	P	P	P	P	P	P	P
540	16 P. Ravi Kumar	21/11/21	A	P	P	P	P	P	P	P	P	P
541	17 S. Konda babu	22/11/21	A	P	P	P	P	P	P	P	P	P
616	18 M. Ramesh Babu	23/11/21	A	P	P	P	P	P	P	P	P	P
617	19 K. Ramesh Bora	24/11/21	A	P	P	P	P	P	P	P	P	P
618	20 S. Ramesh	25/11/21	A	P	P	P	P	P	P	P	P	P
620	21 G. Sat	26/11/21	P	P	P	P	P	P	P	P	P	P
623	22 S. Swyanarayana	27/11/21	P	P	P	P	P	P	P	P	P	P
624	23 N. Swamy	28/11/21	A	P	P	P	P	P	P	P	P	P
625	24 S. Swamy	29/11/21	A	P	P	P	P	P	P	P	P	P

- Site selection, identification
- propagation methods
- classification
- Growth regulation
- Factors affecting plant growth
- Landscaping
- Lawn making

ఉత్పన్నము పొందిన తేదీ: \_\_\_\_\_ చాకెలు \_\_\_\_\_

ఉత్పన్నముని పరిశోధన: \_\_\_\_\_

ఉత్పన్నముని పరిశోధన: \_\_\_\_\_ చాకెలు \_\_\_\_\_

ఉత్పన్నముని పరిశోధన: \_\_\_\_\_

## బీజ విజయ పట్టి

Sl. No.	Pupils	Date	P	A	B	C	D	E	F	G	హాబైడ్ ఉత్పత్తి		P	A	B	C	D	E	F	G	
											బీజాలు	బీజాలు									
15		15/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
16		16/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
17		17/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
18		18/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
19		19/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
20		20/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
21		21/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
22		22/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
23		23/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
24		24/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
25		25/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
26		26/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
27		27/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
28		28/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
29		29/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
30		30/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P
31		31/11/21	A	P	P	P	P	P	P	P			P	P	P	P	P	P	P	P	P

- Assignment
- Seed propagation
- Germination of seed
- Seed production
- Seed dormancy
- Hybrid seed production
- Seed treatment
- Artificial Seed
- Assignment

ఉత్పన్నము పొందిన తేదీ: \_\_\_\_\_ చాకెలు \_\_\_\_\_

ఉత్పన్నముని పరిశోధన: \_\_\_\_\_

ఉత్పన్నముని పరిశోధన: \_\_\_\_\_ చాకెలు \_\_\_\_\_

ఉత్పన్నముని పరిశోధన: \_\_\_\_\_



Pupils Attendance Register

Sl. No	పేరు	గ్రామం	నెల														
			1	2	3	4	5	6	7	8	9	10	11	12			
508	D.chandra sehar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
522	V. Harsha siva		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
523	K.nagendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
524	K. Nissy		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
528	J.poomima		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
530	P. srimu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
531	N. subriya		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
531	T. suresh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
533	P.vamsi Krishna		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
534	P.veerendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
535	S.venkata Ramana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
536	S.venkata Ramesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
537	K. venmela		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
538	Y. vydehi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
539	P. Lahari satya		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
540	P. Ravi kumar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
541	stonda babu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
546	M.Ramesh Babu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
547	K. Ramesh Dora		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
618	S. Ramesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
620	G. Sai		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
623	S. Swyanarayana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
624	N. Sudamy		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
625	G. Swamy.		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

stolons, runners, offset, budding, rooting  
 Rooted crows, cutting  
 grafting, budding  
 Stock - 3 Lion  
 Nursery management  
 micropropagation  
 A nonis at bhamburpeta

జిల్లా హజరుపట్టి

Sl. No	పేరు	నెల											పాఠశాల దినములు		ప్రమోషన్ లేక చేసిన తది	ఇమార్టులు				
		1	2	3	4	5	6	7	8	9	10	11	12	చాలారు			చాలకలు			
508	D.chandra sehar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
522	V. Harsha siva	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
523	K.nagendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
524	K. Nissy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
528	J.poomima	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
530	P. srimu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
531	N. subriya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
531	T. suresh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
533	P.vamsi Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
534	P.veerendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
535	S.venkata Ramana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
536	S.venkata Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
537	K. venmela	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
538	Y. vydehi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
539	P. Lahari satya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
540	P. Ravi kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
541	stonda babu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
546	M.Ramesh Babu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
547	K. Ramesh Dora	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
618	S. Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
620	G. Sai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
623	S. Swyanarayana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
624	N. Sudamy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
625	G. Swamy.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			

Nursery site / site selection  
 Potting / re potting and grading  
 problems in nursery management  
 Control measures  
 Agri enterprises  
 Assignment

పాఠశాల దినములు  
 అధికారి  
 తదనంతరము

22000



# Pupils Attendance Register

# పాఠశాల హాజరు పుస్తకం

రోజుల సంఖ్య .....  
 పాఠశాల పేరు .....

సం. ....  
 సంవత్సరము .....

1	2	3	4
అధ్యాపక సంఖ్య	పాఠశాల సంఖ్య	నామ	సంఖ్య
593	25	P. Vamsi Krishna	5/11/21
594	26	G. Karthikeya	6/11/21
			7/11/21
			8/11/21
			9/11/21
			10/11/21
			11/11/21
			12/11/21
			13/11/21
			14/11/21
			15/11/21
			16/11/21
			17/11/21
			18/11/21
			19/11/21
			20/11/21

site selection  
 A Bentham's cotton-plant  
 plant propagation method  
 classification  
 factors affecting plant growth  
 Growth regulator  
 Land scaling  
 Lawn making  
 Assignment - I  
 seed propagation  
 seed germination  
 production  
 see  
 Dormancy  
 hybrid seed production

5	6	7	8	9
అధ్యాపక సంఖ్య	పాఠశాల సంఖ్య	నామ	సంఖ్య	సంఖ్య
593	25	P. Vamsi Krishna	21/11/21	
594	26	G. Karthikeya	22/11/21	
			23/11/21	
			24/11/21	
			25/11/21	
			26/11/21	
			27/11/21	
			28/11/21	
			29/11/21	
			30/11/21	
			31/11/21	
			1/12/21	
			2/12/21	
			3/12/21	
			4/12/21	
			5/12/21	
			6/12/21	
			7/12/21	
			8/12/21	
			9/12/21	
			10/12/21	
			11/12/21	
			12/12/21	
			13/12/21	
			14/12/21	
			15/12/21	
			16/12/21	
			17/12/21	
			18/12/21	
			19/12/21	
			20/12/21	

seed treatment  
 seed testing & artificial  
 Assignment II  
 cloning nurseries  
 potted crows cuttings  
 availability, budding  
 stock selection  
 nursery management  
 micro propagation  
 Apomixis & polyembryony  
 nursery site & site selection  
 grafting, reporting and propagation  
 problems in nursery management  
 Control measure  
 Agri. entomology  
 Assignment III

అధ్యాపకుల పేరు: .....  
 ఉపాధ్యాయుని సంతకం: .....

పాఠశాల పనిచేసిన దినములు  
 క్లాస్ రికార్డు









**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four week Value-added Course on “Plant Propagation and Nursery Management” organized by Department of Botany**

**(November 2021 - December 2021)**

- Resource Person** : Sri B. Ashok Rama Raju  
Assistant Professor of Botany  
Ideal College of Arts and Sciences(A), Kakinada  
E-mail Id: Ashokbande@gmail.com  
Contact Number: 7093492122
- Coordinator** : Ms. D. Durga Bhavani  
HOD, Botany  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: dudaladurgabhavani03@gmail.com  
Contact Number: 9676006768

**Objectives:**

- Train students in the field of Plant Propagation for future work in seed companies and plant nurseries.
- Expose students to propagation of Plant that have been genetically engineered.
- Teach techniques and technologies for improving germplasm quality pathogen free, true to type and selection of improved Plant Propagules.

**Topics Covered:**

**UNIT I**

**Basics of Nursery Management**

- Introduction to Nursery and Identification of Plants
- Plant Propagation-Methods and Classifications
- Factors affecting Plant Growth
- Plant Growth Regulators
- Introduction to Landscaping
- Lawn Making

## UNIT II

### **Seed Propagation**

- Seed as Propagule
- Germination of Seeds
- Seed Dormancy and viability Seed Production- Methods of collection, processing etc
- Hybrid seeds Production
- Seed Treatment
- Classes of Seed Seed Testing
- Artificial Seeds

## UNIT III

### **Seed Propagation**

- Propagation through Stolons, runners, Offsets, bulbs, Corms, Rooted Crows, division, Cuttings
- Grafting and budding
- Root Stock-Scion Relationship
- Special practices in Nursery management
- Micro-Propagation (tissue Culture/ In-Vitro Culture)
- Apomixis and polyembryony

## UNIT VI

### **Commercial nursery management**

- Nursery – site selection, layout, records
- Nursery structures
- Potting, repotting
- Nursery management of major crops
- Progeny Orchard
- Problems in nursery management and its control
- Agri – enterprises – stages of establishing enterprise, Project Identification, step to be considered in setting up an enterprise, Feasibility report, Product selection.

### **Outcomes of the Course:**

After Successful Completion of Value-added Course

Understand the principles of Plant reproduction, vegetative modes of propagation, tissue and cell culture technology and propagation of genetically engineered Plants.

**Number of Participants:** 23 Members

*D. Doga Bhavani*  
**Signature of the Coordinator**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF BOTANY**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed Four week value added course on  
**“Propagation and Nursery Management”** conducted by the Department of  
Botany, Ideal College of Arts and Science(A), Kakinada, from November 2021 to  
December 2021.

*B. Ashok Rama Raju*  
Sri B. Ashok Rama Raju  
Resource Person

*D. Durga Bhavani*  
Ms. D. Durga Bhavani  
Co-ordinator

*T. Satyanarayana*  
Dr. T. Satyanarayana  
Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
*(Autonomous & NAAC B)*  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
**Samalkot Road, KAKINADA**

**NOTICE**

**Dt.22.10.2021.**

All the I B.A students are hereby informed that Department of Economics is conducting A Four – week value added course on “**Public Finance**” from November, 2021 to December, 2021.

Interested candidates are requested to register their names with Dr. D. Steeven Raju, HOD, Economics and Course Coordinator on or before 05.11.2021.

*T. Subramanyam*  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous, NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF ECONOMICS**

**Value added Course for the year 2021-2022**

**A Four Week Value Added Course on “Public Finance”**

**Day Wise Course Schedule**

S.No	Date	Topic
1.	5-11-2021	Public Finance and Taxation
2.	6-11-2021	Meaning of Public finance
3.	8-11-2021	Scope of Public finance
4.	9-11-2021	Distinction between private and public finance
5.	10-11-2021	principles of Maximum Social Advantage
6.	11-11-2021	Public goods vs Private goods
7.	12-11-2021	Role of the State in mixed economy
8.	15-11-2021	sources of Public revenue
9.	16-11-2021	Assignment – I
10.	17-11-2021	Student Seminar
11.	18-11-2021	Taxation – meaning, direct and indirect taxed
12.	19-11-2021	Canons of Taxation
13.	20-11-2021	merits and demerits
14.	22-11-2021	Impact of Taxation

15.	23-11-2021	Shifting of Taxation
16.	24-11-2021	Incidence of Taxation
17.	25-11-2021	Effects of Taxation
18.	26-11-2021	Assignment – II
19.	27-11-2021	Student Seminar
20.	29-11-2021	The Concept of Value added Tax (VAT) MODVAT
21.	30-11-2021	Characteristics of Good Tax System
22.	01-12-2021	Public Expenditure and Public Debt
23.	02-12-2021	Meaning of public expenditure
24.	03-12-2021	Classification of public expenditure
25.	04-12-2021	Canons of Public expenditure
26.	06-12-2021	Effects of Public expenditure
27.	07-12-2021	public debt-sources of public debt
28.	08-12-2021	concepts of budget deficit
29.	09-12-2021	Assignment - III

*G. Stevanu Rejo.*

**Signature of the Coordinator**



# Course Structure & Syllabus

## OBJECTIVES:

- Balanced regional development.
- Employment generation.
- Balanced concentration of wealth and economic power.

## COURSE OUTCOMES:

After Successful Completion of Value-added Course  
Impacts or changes for individuals, groups or populations as a result of new policies being established or by participating in program activities.

### Unit-I

#### **Public Finance and Taxation:**

Meaning and scope of Public finance; Distinction between private and public finance; principles of Maximum Social Advantage  
Public goods vs Private goods; Role of the State in mixed economy; sources of Public revenue.

### Unit-II

Taxation – meaning, direct and indirect taxed and their merits and demerits; Canons of Taxation, Impact, Shifting and Incidence of Taxation; Effects of Taxation.

### Unit-III

The Concept of Value added Tax (VAT) MODVAT. Characteristics of Good Tax System.

### Unit-VI

#### **Public Expenditure and Public Debt:**

Meaning and classification of public expenditure; Canons and effects of Public expenditure; public debt-sources of public debt; effects of Public debt.

### Unit-V

Methods of Debt redemption; Causes of the Growth of India's Public Debt; concepts of budget deficit.

Co-Curricular Activities: Student Seminar, Assignment, Practice

Prescribed Text Book: H.D. Bhatia



**IDEAL COLLEGE OF ARTS AND  
SCIENCES**  
(Autonomous & NAAC B)

**DEPARTMENT OF ECONOMICS  
OFFERING**

**A FOUR WEEK VALUE ADDED COURSE**

ON

**“PUBLIC FINANCE”**

**November 2021 - December 2021**

**Coordinator**

**Dr. G. Steeven Raju**  
HOD, Economics  
Ideal College of Arts and  
Sciences(A), Kakinada

**Resource Person**

**Dr. B. Prabhakar**  
Lecturer in Economics  
Government Degree College  
Jaggampeta

**Certificates will be provided on successful  
completion of the course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### About the Department

The Department was established in the year 1974. The Department organized many State Level and National Level Seminars. Eminent Professors from the Department of Economics Andhra University, Late Prof.C.Ratnam, Vice- Chancellor, University, Tirupathi Prof. P.V.Sarma, Prof. L.K.Mohan Rao, Prof. S.K.V.S.Raju Prof. R.Sudrashana Rao, Prof. M.Sundar Rao, and other Professor were visited our College in several occasion. The vision of the Department is to impart the theoretical and applied knowledge of Economics to the undergraduates service as per the changing Global Economic.

The Department Produced one Principal. At present two faculty has been working in this Department. Dr. G. Steeven Raju and Sri D. Viswanadha Raju are service till since two Decades

## About the Course

Public finance is the branch of the economy that deals with the Indian government's annual budget. In an annual budget, the importance of public finance is to upgrade the economic terms as per the benefit of the public. The importance of public finance is to safeguard the growth of the nation.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_  
Roll No : \_\_\_\_\_  
Class : \_\_\_\_\_  
Address for  
Correspondence : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
E-mail : \_\_\_\_\_

Signature

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AP. Govt. Aided Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

## DEPARTMENT OF ECONOMICS

Value added Course for the year 2021-2022

### List of Students

S.No	Roll Number	Name of the Student	Signature
1.	2220401027	SUBHASH VAJALA	V. Subhash
2.	2220401028	UDAY KIRAN TELUKOTI	P. Uday Kiran
3.	2220401030	VENKATA DURGA SAILAJA GEDDADA	G. Sailaja
4.	2220401031	VENKATESH DANDU	D. Venkatesh
5.	2220401033	VIVEK RAM CHANDAR SARELLA	S.V.R. Chandar
6.	2220401034	YUVA RAJ VARMA REKADI	R. Yuvaraj
7.	2220401033	VIVEK RAM CHANDAR SARELLA	S. Vivek Chandar
8.	2220401034	YUVA RAJ VARMA REKADI	R. Yuvaraj
9.	2220401033	VIVEK RAM CHANDAR SARELLA	S. Vivek Chandar
10.	2220401034	YUVA RAJ VARMA REKADI	R. Yuvaraj
11.	2220401033	VIVEK RAM CHANDAR SARELLA	S. Vivek Chandar
12.	2220401034	YUVA RAJ VARMA REKADI	R. Yuvaraj
13.	2220401033	VIVEK RAM CHANDAR SARELLA	S. Vivek Chandar
14.	2220401034	YUVA RAJ VARMA REKADI	R. Yuvaraj
15.	2220401033	VIVEK RAM CHANDAR SARELLA	S. Vivek Chandar
16.	2220401034	YUVA RAJ VARMA REKADI	R. Yuvaraj
17.	2220401033	VIVEK RAM CHANDAR SARELLA	S. Vivek Chandar



To: August  
 సంవత్సరం: 2021-2022

# Pupils Attendance Register

1	2	3	4	5												
				5	6	7	8	9	10	11	12	13	14	15		
వర్గం	సంఖ్య	పేరు	అవకాశం	1	2	3	4	5	6	7	8	9	10	11	12	13
202040029	1	V. Subhash		P	P	P	P	P	P	P	P	P	P	P	P	P
202040028	2	T. Uday Kiran		P	P	P	A	P	P	P	P	P	P	P	P	P
202040030	3	G. Venkata Ranga Saitaja		P	P	P	P	P	P	P	P	P	P	P	P	P
202040031	4	A. Venkatesh		P	P	P	P	P	P	P	A	P	P	P	P	P
202040033	5	S. Vinuk Ram Chandan		P	A	P	P	P	P	P	P	P	P	P	P	P
202040034	6	R. Yuva Raj Varma		P	P	P	P	P	P	P	A	P	P	P	P	P
202040033	7	S. Vinuk Ram Chandan		P	P	P	P	P	P	P	P	P	P	P	P	P
202040034	8	R. Yuva Raj Varma		P	P	P	P	P	A	P	P	P	P	P	P	P
202040033	9	S. Vinuk Ram Chandan		P	P	P	P	P	P	P	P	P	P	P	P	P
202040034	10	R. Yuva Raj Varma		P	P	P	P	P	P	P	P	P	P	P	P	P
202040033	11	S. Vinuk Ram Chandan		P	P	A	P	P	P	P	P	P	P	P	P	P
202040034	12	R. Yuva Raj Varma		P	P	P	P	P	P	P	P	P	P	P	P	P
202040033	13	S. Vinuk Ram Chandan		P	P	P	P	P	P	A	P	P	P	P	P	P
202040034	14	R. Yuva Raj Varma		P	P	P	P	P	P	P	P	P	P	P	P	P
202040033	15	S. Vinuk Ram Chandan		P	P	P	P	P	P	P	P	A	P	P	P	P
202040034	16	R. Yuva Raj Varma		A	P	P	P	P	P	P	P	P	P	P	P	P
202040033	17	S. Vinuk Ram Chandan		P	P	P	P	P	P	P	P	P	P	P	P	P

*(Signature)*

ఉపాధ్యక్షుడు పేరు:  తారీఖు:

ఉపాధ్యక్షుని సంతకం:

సహాయ ఉపాధ్యక్షుడు పేరు:  తారీఖు:

సహాయ ఉపాధ్యక్షుని సంతకం:

# విల్లల హాజరుపట్టి

వర్గం పేరు:

పాఠశాల పేరు:

తేదీ:

సంవత్సరం:

1	2	3	4
14	15	16	17
18	19	20	21
22	23	24	25
26	27	28	29
30	31		

విల్లల హాజరుపట్టి

విల్లల హాజరుపట్టి

విల్లల హాజరుపట్టి

విల్లల హాజరుపట్టి

2024  
 10/10/2024

# Pupils Attendance Register

Sl. No.	Pupil Name	Date											
		1	2	3	4	5	6	7	8	9	10	11	12
1	V. Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P
2	T. Sai Kiran	P	P	P	P	P	P	P	P	P	P	P	P
3	G. Venkata Ranga Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P
4	S. Venkatesh	P	P	P	P	P	P	P	P	P	P	P	P
5	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P
6	R. Yash Raj Varma	P	P	P	P	P	P	P	P	P	P	P	P
7	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P
8	R. Yash Raj Varma	P	P	P	P	P	P	P	P	P	P	P	P
9	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P
10	R. Yash Raj Varma	P	P	P	P	P	P	P	P	P	P	P	P
11	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P
12	R. Yash Raj Varma	P	P	P	P	P	P	P	P	P	P	P	P
13	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P
14	R. Yash Raj Varma	P	P	P	P	P	P	P	P	P	P	P	P
15	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P
16	R. Yash Raj Varma	P	P	P	P	P	P	P	P	P	P	P	P
17	S. Vinitha Ram Chandra	P	P	P	P	P	P	P	P	P	P	P	P

*[Handwritten Signature]*

Teacher's Name: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Teacher's Name: \_\_\_\_\_  
 Date: \_\_\_\_\_

# విద్యార్థి హాజరు పట్టిక

Sl. No.	Pupil Name	Date											
		1	2	3	4	5	6	7	8	9	10	11	12
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**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four week Value-added Course on “Public Finance” organized by  
Department of Economics**

**(November 2021 - December 2021)**

**Resource Person** : Dr. B. Prabhakar  
Lecturer in Economics  
Government Degree College  
Jaggampeta

**Coordinator** : Dr. G. Steeven Raju  
HOD, Economics  
Ideal College of Arts and Sciences(A),  
Kakinada

**Objectives:**

- Balanced regional development.
- Employment generation.
- Balanced concentration of wealth and economic power.

**Topics Covered:**

**Unit-I**

Public Finance and Taxation:

Meaning and scope of Public finance; Distinction between private and public finance; principles of Maximum Social Advantage Public goods vs Private goods; Role of the State in mixed economy; sources of Public revenue.



## Unit-II

Taxation – meaning, direct and indirect taxed and their merits and demerits; Canons of Taxation, Impact, Shifting and Incidence of Taxation; Effects of Taxation.

## Unit-III

The Concept of Value added Tax (VAT) MODVAT. Characteristics of Good Tax System.

## Unit-IV

Public Expenditure and Public Debt:

Meaning and classification of public expenditure; Canons and effects of Public expenditure; public debt-sources of public debt; effects of Public debt.

## Unit-V

Methods of Debt redemption; Causes of the Growth of India's Public Debt; concepts of budget deficit.

### **Outcomes of the Course:**

After Successful Completion of Value-added Course

Impacts or changes for individuals, groups or populations as a result of new policies being established or by participating in program activities.

**Number of Participants:** 17 Members



**Signature of the Coordinator**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF ECONOMICS**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed Four week value added course on  
**“Public Finance”** conducted by the Department of Economics, Ideal College of  
Arts and Science(A), Kakinada, from November 2021 to December 2021.

*G. Steeven Raju*  
**Dr. G. Steeven Raju**  
**Coordinator**

*T. Satyanarayana*  
**Dr. T. Satyanarayana**  
**Principal**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA

NOTICE

Dt: 03.12.2021

All the I B.Voc(Software Development) students are here by informed that Department of Computer Science is conducting A Four-week value added course on "WordPress Web Development" from December 2021 to January 2022.

Interested candidates are registered their names with Smt G.Subbalakshmi, Assistant Professor of Computer Science on or before 11.12.2021.

*T. Subramanyam*  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
*(Autonomous & NAAC B)*  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**B.Voc (Software Development)**  
**A Four Week Value Added Course on “WordPress Web Development”**

**Day Wise Course Schedule**

<b>Day</b>	<b>Date</b>	<b>Topic</b>
1	13-12-2021	Word Press Basics
2	14-12-2021	Word Press: Home, Overview, Installation, Dashboard
3	15-12-2021	WordPress Settings : General Setting, Writing Setting
4	16-12-2021	Reading Setting, Discussion Setting, Media Setting
5	17-12-2021	Permalink Setting, Plugin Setting
6	18-12-2021	Lab Practice
7	20-12-2021	WordPress Categories: Add Category, Edit Category
8	23-12-2021	Delete Category, Arrange Categories
9	27-12-2021	WordPress Posts: Add Posts, Edit Posts
10	28-12-2021	Delete Posts, Preview Posts
11	29-12-2021	WordPress: Publish Posts
12	30-12-2021	Revision of Previous Classes and Practice
13	31-12-2021	Assignment
14	3-1-2022	Lab Practice
15	4-1-2022	Lab Practice
16	5-1-2022	WordPress Media: Media Library
17	6-1-2022	WordPress - Add Media, Insert Media,
18	7-1-2022	WordPress - Edit Media
19	8-1-2022	WordPress Pages: Add Pages

20	18-1-2022	WordPress - Publish Pages,Edit Pages,
21	19-1-2022	Revision of previous topics , WordPress - Delete Pages
22	20-1-2022	Lab Practice
23	21-1-2022	WordPress Tags: WordPress - Add Tags
24	22-1-2022	Edit Tags, WordPress - Delete Tags,
25	24-1-2022	Lab Practice
26	25-1-2022	Assignment
27	27-1-2022	WordPress Links: WordPress - Add Links
28	28-1-2022	Edit Links, WordPress - Delete Links.
29	29-1-2022	Conducting Quiz
30	31-1-2022	Revision of previous classes

  
Signature of the Coordinator

VAC-8

## Course Structure & Syllabus

30hrs

### OBJECTIVES:

WordPress is an application allowing regular people to create, edit and manage their websites via an easy-to-use interface.

### Outcomes of the Course:

WordPress development allows you to create a website that is tailored to your specific business needs. Unique Design. Improved Functionality. Better Performance.

### UNIT- 1 (8 hours)

WordPress Basics

Home, Overview, Installation, Dashboard, Setting s, General Setting, Writing Setting, Reading Setting, Discussion Settings, Media Setting, Permalink Setting, Plugin Setting

### UNIT - 2 (8 hours)

WordPress Categories: Add Category, Edit Category, Delete Category, Arrange Categories  
Posts: Add Posts, Edit Posts, Delete Posts, Preview Posts, Publish Posts

### UNIT-3 (8hours)

WordPress Media: Media Library, Add Media, - Insert Media, Edit Media  
Pages: Add Pages, Publish Pages, Edit Pages, Delete Pages  
Tags: Add Tags, Edit Tags, Delete Tags, Links: Add Links, Edit Links, Delete Links.

### Co-Curricular Activities (6 Hours)

Seminar/ Quiz/ Assignments/ Practice



IDEAL COLLEGE OF ARTS AND SCIENCE  
(Autonomous, NAAC B)  
KAKINADA

DEPARTMENT OF COMPUTER SCIENCE  
Offering

## A Four Week Value Added Course on

## Value Added Course on "WordPress Web Development"



### Resource Person

**Mr. PPR. Mohan**

HOD, DEPARTMENT OF COMPUTER SCIENCE  
IDEAL COLLEGE OF ARTS AND SCIENCE  
KAKINADA

### Co-Ordinator

**Smt. G. Subbalakshmi**

ASSISTANT PROFESSOR OF COMPUTER SCIENCE  
IDEAL COLLEGE OF ARTS AND SCIENCE  
KAKINADA

Certificates will be provided on successful completion of the course



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakina was established as Junior College in 1970 and inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of intellectuals, Educationists and patriots like Dr Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr P. V. N. Raju, Dr P. Chiranjeevnikumar, Dr N. S. R. Sastri and others. The College was formed by the Education Society, Kakina through the education policy adopted by the State government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevnikumar a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned throughout the entire district and created awareness among the parents and students for the immediate necessity of a co-education Degree College in Kakina with support from the government. As a result, the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakina. Subsequently, Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakina. The Ideal College of Arts and Sciences was established in 1974 with spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

## ABOUT THE DEPARTMENT

The department of Computer Science was established since 2020. The faculty members of the department are well experienced in teaching. The Department has a computers lab (for programming practice) as per U.G.C. Guide lines. The department is maintaining a departmental library with the books of staff members, specimen copies of publishers nearly 150 in number, for the ready reference to students to tackle different methods in practical sessions.

## ABOUT THE COURSE

Scratch is a visual programming language that allows students to create their own interactive stories, games and animations. As students design Scratch projects, they learn to think creatively, reason systematically, and work collaboratively.

## Registration Form

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

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_

Address For Correspondence: \_\_\_\_\_

\_\_\_\_\_

Mobile No: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Signature

\_\_\_\_\_

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAACB)

KAKINADA

Department of Computer Science

Value Added Course 2021-2022

## List of Students

S.No	Roll No	Student Name	Signature
1	2210401601	A.Eswarsaimanikanta	A.Eswar
2	2210401602	B.Harisuryamukesh	B. Harisuri
3	2210401603	B.Appalaraju	B.A. RAJU
4	2210401604	D.Satyantarayana	Satyantar
5	2210401605	D.Bhaskarsai	Bhaskar Sai
6	2210401606	E.Satyamanohar	E. Satyamanohar
7	2210401607	G.Ramayanandini	G. Ramya Nandini
8	2210401608	K.Israelraju	Israel Sai
9	2210401609	K.Karthik	Karthik
10	2210401610	K.Saikumar	Saikumar
11	2210401611	K.Poojitha	K. Poojitha
12	2210401612	K.Lakshman	Lakshman
13	2210401613	K.Kavya	K. Kavya
14	2210401614	K.Satish	K. Satish
15	2210401615	M.Chandra Kumar	Chandra Kumar
16	2210401616	M.Sivakumar	Siva Kumar
17	2210401617	M.Krupasagar	M.K. Sagar
18	2210401618	N.E.V.D satish	N. Satish
19	2210401619	N.Saili	N. Saili
20	2210401620	P.N.G.D.sivasurya	P.N.G.D. Sivasurya
21	2210401621	S.M.hanumanthrao	Hanumanth Rao
22	2210401622	S.Yellayya Reddy	Yellayya Reddy
23	2210401623	S.Veeraveni	S. Veeraveni
24	2210401624	Sk.Ameer	Sk. Ameer
25	2210401625	S.Sandhya	S. Sandhya
26	2210401626	T.Vikas	Vikas
27	2210401627	U.Manikanta	Manikanta
28	2210401628	V.S.Phanindrakumar	Phanindrakumar
29	2210401629	V.Lakshmipavani	V. Lakshmi Pavani
30	2210401630	V.Durgamahesh	V. Mahesh











# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

## VALUE-ADDED COURSE REPORT

A Four-week Value-Added Course on “WordPress Web Development”

Organized by Department of Computer Science

(December 2021 – January 2022)

**Resource Person :** Sri PPR.Mohan,  
HOD, Computer Science  
Ideal College of Arts & Sciences, Kakinada  
Email.: hodsd@idealcollege.edu.in  
Contact Number: 9985221118

**Coordinator :** Smt.G.Subbalakshmi,  
Assistant Professor of Computer Science  
Ideal College of Arts & Sciences, Kakinada  
Email: subbalakshmiprgc@gmail.com  
Contact Number: 8886663320

### OBJECTIVES:

WordPress is an application allowing regular people to create, edit and manage their websites via an easy-to-use interface.

### **Topics Covered :**

#### UNIT – I

WordPress Basics WordPress – Home, WordPress – Overview, WordPress – Installation, WordPress – Dashboard WordPress Settings : WordPress - General Setting, WordPress - Writing Setting, WordPress - Reading Setting, WordPress - Discussion Setting, WordPress - Media Setting, WordPress - Permalink Setting, WordPress - Plugin Setting

#### UNIT – II

WordPress Categories: WordPress - Add Category, WordPress - Edit Category, WordPress - Delete Category, WordPress - Arrange Categories WordPress Posts: WordPress - Add Posts, WordPress - Edit Posts, WordPress - Delete Posts, WordPress - Preview Posts, WordPress - Publish Posts

### **UNIT – III**

WordPress Media: WordPress - Media Library, WordPress - Add Media, WordPress - Insert Media, WordPress - Edit Media, WordPress Pages : WordPress - Add Pages, WordPress - Publish Pages, WordPress - Edit Pages, WordPress - Delete Pages

WordPress Tags: WordPress - Add Tags, WordPress - Edit Tags, WordPress - Delete Tags, WordPress Links: WordPress - Add Links, WordPress - Edit Links, WordPress - Delete Links.

#### **Outcome of the Course:**

1. WordPress development allows you to create a website that is tailored to your specific business needs.
2. Unique Design.
3. Improved Functionality.
4. Better Performance.

**Number of Participants:** 30 Members

  
Signature of the Coordinator





**IDEAL COLLEGE OF ARTS & SCIENCES**

**(AUTONOMOUS, NAAC B)  
KAKINADA**

**DEPARTMENT OF COMPUTER SCIENCE**

*This is to Certify that Dr./Ms./Mr./Mrs.*

.....  
*from* .....

**Has completed Four- week Value-added Course on  
“WordPress Web Development” Conducted by the Department of Computer Science ,  
Ideal College of Arts & Sciences(A), Kakinada,  
from December 2021 to January 2022**

*P. PPR. Mohan*  
**Mr.PPR.Mohan**  
**Resource Person**

*G. Subbalakshmi*  
**Smt.G.Subbalakshmi**  
**Co-Ordinator**

*T. Satyanarayana*  
**T.Satyanarayana**  
**Principal**

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**DR. P.V.N. RAJU VIDYAPRANGANAM**  
Samalkot Road, KAKINADA

**NOTICE**

Dt.06.12.2021

All the I year students are hereby informed that Department of Telugu is conducting A Five – week value added course on “తెలుగు పత్రికలు - జర్నలిజం” from December, 2021 to January, 2022.

Interested candidates are to register their names with Dr.N.Lalitha, HOD Telugu and Course Coordinator on or before 13.12.2021.

*T. Salyemmare*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AP. Govt. Aided, Autonomous, NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF TELUGU**

**Value added Course for the year 2021-2022**

**తెలుగు పత్రికలు - జర్నలిజం**

**Day Wise Course Schedule**

S.No	Date	Topic
1	16.12.2021	పత్రికలు - పరిచయం
2	17.12.2021	నిర్వచనాలు
3	18.12.2021	వార్త - రకాలు
4	20.12.2021	పత్రికలు - ప్రాధాన్యత
5	21.12.2021	పత్రికలు - ఉపయోగం
6	22.12.2021	పత్రికలు - అవతరణ
7	23.12.2021	పత్రికలు - తీరుతెన్నులు
8	24.12.2021	వార్త - ప్రాధాన్యత
9	27.12.2021	వార్త - అవశ్యకత
10	28.12.2021	వార్తా పత్రికలు - పదజాలం
11	29.12.2021	పత్రికా రచన
12	30.12.2021	దిన పత్రికలు
13	31.12.2021	సంపాదకీయం - సంపాదకుడు



14	01.01.2022	పత్రికలు - భాష
15	03.01.2022	ఆంగ్లభాషా ప్రభావం
16	04.01.2022	ఇతర భాషల ప్రభావం
17	05.01.2022	తెలుగు పత్రికలు - ఆవార్ణావం
18	06.01.2022	ప్రస్తుత పత్రికల స్థానం
19	07.01.2022	పత్రికల వైఖరి
20	10.01.2022	తెలుగు పత్రికా - అవతరణ వికాశం
21	11.01.2022	నిజాన్ని నిగ్గుతేల్చడంలో వార్త స్థానం
22	12.01.2022	పాలనా యంత్రాంగాన్ని ప్రశ్నించే యంత్రం వార్త
23	17.01.2022	సమాజ శ్రేయస్సులో వార్త స్థానం
24	18.01.2022	వార్తా ఆవశ్యకత
25	19.01.2022	వార్తా తీరుతెన్నులు
26	20.01.2022	పత్రికలు - పదజాలం
27	21.01.2022	పత్రికలు - ఉపాది అవకాశాలు
28	22.01.2022	యువతకు నిర్దేశంలో పత్రికల స్థానం
29	24.01.2022	సెమినార్
30	25.01.2022	సమీక్ష

  
Signature of the Coordinator

## Course Structure & Syllabus

### లక్ష్యాలు :

1. పత్రికారంగంలో జర్నలిస్టు అవసరం ఎంతో ఉంది. దానిని మన విద్యార్థులలో అవగాహన ఆశక్తిని పెంచాలి.
2. జర్నలిజం ప్రజాస్వామ్యానికి ఎంతో అవసరం అనే విషయాన్ని విద్యార్థులకు తెలియజేయాలి.
3. పత్రికారంగంలో అపార అవకాసాలు పెంచాలి.

### అభ్యాసనా ఫలితాలు :

1. ఈ కోర్సు వలన విద్యార్థులు తెలుగు పత్రికల గూర్చి తెలుసుకోగలరు.
2. పత్రికల వలన ఉపయోగాన్ని గ్రహించగలరు.
3. పత్రికా రంగంపై ఆశక్తి పెరుగుతుంది. దాని ద్వారా జర్నలిజం లో రాణించగలరు.
4. పత్రికారంగం ప్రాధాన్యాన్ని తెలుసుకుంటారు. ఉపాధి అవకాశాలు పెరుగుతాయి.

### యూనిట్ - 1

- 1.0 పత్రికలు - పరిచయం, అవతరణ
- 1.1 పత్రికలు - నిర్వచనాలు
- 1.2 వార్త - రకాలు
- 1.3 పత్రికలు ప్రాధాన్యత - ఉపయోగం

### యూనిట్ - 2

- 1.0 వార్తా పత్రికలు - పదజాలం
- 1.1 పత్రికా రచన - సంపాదకుడు
- 1.2 దిన పత్రిక

### యూనిట్ - 3

- 1.0 పత్రికలు - భాష
- 1.1 తెలుగు పత్రికలపై ఆంగ్లభాషా ప్రభావం

### యూనిట్ - 4

- 1.0 పత్రికలు - ఆవిర్భావం
- 1.1 పత్రికలు - సమాజసేవ
- 1.2 పత్రికల వైఖరి
- 1.3 తెలుగు పత్రిక - అవతరణ - వికాశం



IDEAL COLLEGE OF ARTS & SCIENCES

(A.P. Govt. Aided, Autonomous & NAAC B)

Dr. P.V.N.RAJU VIDYA PRANGANAM

KAKINADA

DEPARTMENT OF TELUGU

OFFERING

**A FOUR WEEK VALUE ADDED COURSE  
ON**

**తెలుగు పత్రికలు - జర్నలిజం  
(డిసెంబర్, 2021 - జనవరి, 2022)**

కో-ఆర్డినేటర్

రిసోర్సు పర్సన్

డా॥ ఎన్. లలిత  
తెలుగు శాఖాధ్యక్షులు  
ఐడియల్ కళాశాల

శ్రీ పి. గోపి  
తెలుగు అధ్యాపకులు  
ఐడియల్ కళాశాల

**Certificates will be provided on successful  
completion of the course**

### **About the Institution:**

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 Inaugurated by the then Chief Minister of Andha Pradesh and former Prime Minister of India Sri P.V.Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D.S.Raju, a close associate of Netaji Subhash Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr.P.V.N.Raju, Dr.P.Chiranjeevini Kumari, Dr. N.S.R.Sastry and others.

The College was formed by the Education Society, Kakinada through the Education Policy adopted by the State Government under the Chairmanship of Dr.P.V.N.Raju. The Secretary and Correspondent of the College is Dr.P.Chiranjeevini Kumari a renowned educationist, Scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire District and created awareness among the parents and students for the immediate necessity of Co-education Degree College in Kakinada with the support from the Government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts and Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### **About the Department :**

తెలుగు విభాగం 1974 నుండి నిరవధికంగా కొనసాగుతుంది. ఎందరో ఉద్ధండులు తెలుగు భాషాశాఖలో నిబద్ధతతో పనిచేసారు. తెలుగు శాఖకు ఎంతో గౌరవం ప్రతిష్ఠలు సమకూర్చారు. అదే పరంపర నేటికీ కొనసాగుతుంది. కళాశాల అన్ని కార్యక్రమాలలో ఎప్పుడు ముందుంటు కార్యక్రమాలను జయప్రదం చేస్తుంది. విద్యార్థులకు వ్యాసరచన, కవిత్వ రచన, పాటలు, సంగీతం వంటి కార్యక్రమాలలో ప్రోత్సహిస్తుంది. తెలుగు శాఖకు అన్ని వసతులు ఉన్నాయి. మంచి గ్రంథాలయం, గోడప్రతులు, ఛాయాచిత్రాలు, ఆధునిక, సాంకేతిక పరికరాలు మొదలయిన అన్ని వసతులతో తెలుగు శాఖ కొనసాగుతుంది.

### **About the Course :**

పత్రికారంగంలో జర్నలిస్టు అవసరం ఎంతో ఉంది. దానిని మన విద్యార్థులలో అవగాహన ఆశక్తిని పెంచాలి. జర్నలిజం ప్రజాస్వామ్యానికి ఎంతో అవసరం అనే విషయాన్ని విద్యార్థులకు తెలియజేయాలి. పత్రికారంగంలో అపార అవకాసాలు పెంచాలి. ఈ కోర్సు వలన విద్యార్థులు తెలుగు పత్రికల గూర్చి తెలుసుకోగలరు. పత్రికల వలన ఉపయోగాన్ని గ్రహించగలరు. పత్రికారంగంపై ఆశక్తి పెరుగుతుంది. దాని ద్వారా జర్నలిజం లో రాణించగలరు.

### **Registration Form**

Name of the student :

Roll No :

Class :

Address for :

Correspondence :

Phone No. :

E-Mail :



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

DEPARTMENT OF TELUGU

Value added Course for the year 2021-2022

S.No	Roll Number	Name of the Student	Signature
1.	2210402005	P.A. Kumar	P.A. Kumar
2.	2210402010	K.B. Manikanta	K.B. Manikanta
3.	2210402015	R.D. Bhavani	R.D. Bhavani
4.	2210402020	P. Durga Sai	P. Durga Sai
5.	2210402025	J. Jaya Sri	J. Jaya Sri
6.	2210402030	K.L.N.V.V. Prasad	K.L.N.V.V. Prasad
7.	2210402035	P. Manohar	P. Manohar
8.	2210402101	G. Ram Kumar	G. Ram Kumar
9.	2210402106	B.S. Ganesh	B.S. Ganesh
10.	2210402111	K.S. Vikas	K.S. Vikas
11.	2210402116	A.R. Satyam	A.R. Satyam
12.	2210402121	V. Satish	V. Satish
13.	2210402126	T.S. Nagaphani	T.S. Nagaphani
14.	2210402131	P. Srinu	P. Srinu
15.	2210402136	P.S. Sadhvika	P.S. Sadhvika
16.	2210402140	K.K. Vamsi	K.k. Vamsi
17.	2210402144	C.V.V. Ramana	C.V.V. Ramana
18.	2210402148	M.Y. Ratnam	M.Y. Ratnam
19.	2210402202	A. Aghesh	A. Aghesh

20.	2210402205	V. Anji	V. Anji
21.	2210402208	B. Chitti Babu	B. Chitti Babu
22.	2210402211	S.D. Prasad	S.D. Prasad
23.	2210402215	S.H.D. Deepak	S.H.D. Deepak
24.	2210402218	B. Karunakar	B. Karunakar
25.	2210402222	K. Prasanna	K. Prasanna
26.	2210402225	T.S.V.N. Raju	T.S.V.N. Raju
27.	2210402229	N.S. Kesava	N.S. Kesava
28.	2210402233	D. Suriyyamma	D. Suriyyamma
29.	2210402237	J. Swamy	J. Swamy
30.	2210402240	B.V.S. Satish	B.V.S. Satish

# Pupils Attendance Register

పిల్లల హాజరుపత్రి

Sl. No.	Roll No.	Attendance	Remarks
22341	2210402070	P P P P P P P P P P P P	
22342	2210402070	P P P P P P P P P P P P	
22343	2210402075	P P P P P P P P P P P P	
22344	2210402080	P P P P P P P P P P P P	
22345	2210402085	P P P P P P P P P P P P	
22346	2210402090	P P P P P P P P P P P P	
22347	2210402095	P P P P P P P P P P P P	
22348	2210402100	P P P P P P P P P P P P	
22349	2210402105	P P P P P P P P P P P P	
22350	2210402110	P P P P P P P P P P P P	
22351	2210402115	P P P P P P P P P P P P	
22352	2210402120	P P P P P P P P P P P P	
22353	2210402125	P P P P P P P P P P P P	
22354	2210402130	P P P P P P P P P P P P	
22355	2210402135	P P P P P P P P P P P P	
22356	2210402140	P P P P P P P P P P P P	
22357	2210402145	P P P P P P P P P P P P	
22358	2210402150	P P P P P P P P P P P P	
22359	2210402155	P P P P P P P P P P P P	
22360	2210402160	P P P P P P P P P P P P	
22361	2210402165	P P P P P P P P P P P P	
22362	2210402170	P P P P P P P P P P P P	
22363	2210402175	P P P P P P P P P P P P	
22364	2210402180	P P P P P P P P P P P P	
22365	2210402185	P P P P P P P P P P P P	
22366	2210402190	P P P P P P P P P P P P	
22367	2210402195	P P P P P P P P P P P P	
22368	2210402200	P P P P P P P P P P P P	
22369	2210402205	P P P P P P P P P P P P	
22370	2210402210	P P P P P P P P P P P P	
22371	2210402215	P P P P P P P P P P P P	
22372	2210402220	P P P P P P P P P P P P	
22373	2210402225	P P P P P P P P P P P P	
22374	2210402230	P P P P P P P P P P P P	
22375	2210402235	P P P P P P P P P P P P	
22376	2210402240	P P P P P P P P P P P P	

ఉదయము హాజరు : లాలురు  బారీకలు

ఉపాధ్యాయుని సంతకం.

సాయంత్రం హాజరు : లాలురు  బారీకలు

*[Handwritten signatures and initials]*

పాఠశాల పరిషత్తు సభ్యులు

క్లర్ తరఫు





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four week Value-added Course on “తెలుగు పత్రికలు - జర్నలిజం” organized by**

**తెలుగు విభాగం**

**(డిసెంబర్, 2021 – జనవరి, 2022)**

<b>Resource Person</b>	:	Dr.N.Lalitha, H.O.D, of Telugu Ideal College of Arts and Sciences(A), Kakinada
<b>Coordinator</b>	:	Sri P.Gopi Lecturer in Telugu Ideal College of Arts and Sciences(A), Kakinada

**లక్ష్యాలు :**

- పత్రికారంగంలో జర్నలిస్టు అవసరం ఎంతో ఉంది, దానిని మన విద్యార్థులలో అవగాహన ఆశక్తిని పెంచాలి.
- జర్నలిజం ప్రజాస్వామ్యానికి ఎంతో అవసరం అనే విషయాన్ని విద్యార్థులకు తెలియచేయాలి.
- పత్రికారంగంలో అపార అవకాసాలు పెంచాలి.

**Topics Covered:**

**యూనిట్ - 1**

- 1.0 పత్రికలు - పరిచయం, అవతరణ
- 1.1 పత్రికలు - నిర్వచనాలు
- 1.2 వార్త - రకాలు
- 1.3 పత్రికలు ప్రాధాన్యత - ఉపయోగం

**యూనిట్ - 2**

- 1.0 వార్తా పత్రికలు - పదజాలం
- 1.1. పత్రికా రచన - సంపాదకుడు
- 1.2 దిన పత్రికలు

యూనిట్ - 3

- 1.0 పత్రికలు - భాష  
1.1 తెలుగు పత్రికలపై అంగ్లభాషా ప్రభావం

యూనిట్ - 4

- 1.0 పత్రికలు - ఆవిర్భావం  
1.1 పత్రికలు - సమాజసేవ  
1.2 పత్రికల వైఖరి  
1.3 తెలుగు పత్రిక - అవతరణ - వికాశం

అభ్యాసనా ఫలితాలు :

- ఈ కోర్సు వలన విద్యార్థులు తెలుగు పత్రికల గూర్చి తెలుసుకోగలరు.
- పత్రికల వలన ఉపయోగాన్ని గ్రహించగలరు.
- పత్రికా రంగంపై అశక్తి పెరుగుతుంది. దాని ద్వారా జర్నలిజం లో రాణించగలరు.
- పత్రికా రంగం ప్రాధాన్యాన్ని తెలుసుకుంటారు. ఉపాది అవకాశాలు పెరుగుతాయి.

విద్యార్థుల సంఖ్య - 30

  
Signature of the Coordinator



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF TELUGU**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed four week value added course on  
“**Telugu Patrikalu Journalism**” conducted by the department of Telugu, Ideal  
college of Arts and Science(A), Kakinada, from December 2021 to January 2022.

Resource Person

Sri P. Gopi

Coordinator

Dr. N. Lalitha

Principal

Dr. T. Satyanarayana

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**

*(Autonomous & NAAC B)*

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

**KAKINADA**

**NOTICE**

**Dt: 06.12.2021**

All the IInd year B. Voc Agriculture and sustainable agriculture students are hereby informed that Department of Agriculture is conducting A Four - week value added course on "Mushroom Cultivation" from December 2021 to March 2022.

Interested candidates are register their names with Course Coordinator Ms, **N. Sangeetha**, Assistant Professor, Department of Agriculture on or before 15.12.2021.

*T. Sathyanarayana*  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

A Four Week Value Added Course on "Mushroom Cultivation"

## Day Wise Course Schedule

Day	Date	Topic
1	15/12/2021	Introduction
2	16/12/2021	Taxonomy, history
3	17/12/2021	Scope of mushroom cultivation
4	18/12/2021	Edible and poisonous mushrooms
5	20/12/2021	Vegetative characters of mushroom
6	21/12/2021	Common edible mushrooms
7	27/12/2021	Morphology of mushroom
8	29/12/2021	Morphology of Button mushroom
9	3/01/2022	Morphology of milky mushroom
10	4/01/2022	Morphology of oyster mushroom
11	5/01/2022	Morphology of paddy straw mushroom
12	7/01/2022	Sterilization techniques
13	4/02/2022	Chemicals used in sterilization
14	7/02/2022	Structure and construction of mushroom house
15	8/02/2022	Spawn production
16	9/02/2022	Raw materials required for spawn production
17	11/02/2022	Assignment
18	16/02/2022	Culture and media preparation
19	17/02/2022	Production of pure culture
20	18/02/2022	Mother spawn production
21	22/02/2022	Multiplication of spawn
22	23/02/2022	Composting technology
23	25/02/2022	Mushroom bed preparation
24	28/02/2022	Spawning, spawn running
25	02/03/2022	Harvesting
26	04/03/2022	Cultivation of paddy and oyster mushrooms
27	07/03/2022	Diseases of mushrooms
28	21/03/2022	Moulds in mushrooms
29	22/03/2022	Nematodes in mushrooms
30	23/03/2022	Management, harvesting, marketing strategies

*N. Sangeetha*  
Signature of the Coordinator



## ABOUT THE INSTITUTION:

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V. N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others. The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences , Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.



**IDEAL COLLEGE OF  
ARTS & SCIENCES  
(AUTONOMOUS, NAAC B)**

**DEPARTMENT OF AGRICULTURE  
Offering**

### **A FOUR - WEEK VALUE ADDED COURSE**

**VALUE ADDED COURSE  
ON**

**“Mushroom Cultivation”  
(December 2021 to March 2022)**

**Co – Ordinator  
N. Sangeetha  
Assistant Professor  
Ideal college of Arts &  
Sciences, kakinada**

**Resource person  
B. Pavithra  
Assistant Professor & HOD  
Ideal college of Arts &  
Sciences, Kakinada**

**Certificates will be provided on  
successful completion of the course**

## ABOUT THE DEPARTMENT

Department of Agriculture was introduced in the year 2019 with well experienced faculty. Department of Agriculture having unique laboratories with finest equipment, maintaining department library with more number of reference books.

## ABOUT THE COURSE

Mushroom cultivation deals with the production of mushrooms. Mushroom are the replacement of meat and meat products, where it contains various amount of vitamins and minerals

Mushrooms can be grown by small scale holders irrespective to the vegetables, which adds additional income





## Course Structure & Syllabus OBJECTIVES:

1. The main objective of the program is to know about the mushroom cultivation.
2. To know about the Problems in cultivation - diseases, pests and nematodes, weed moulds and their management strategies.

## COURSE OUTCOMES:

1. Students came to know about handling of equipments, sterilization techniques
2. Production of mushrooms in small scale area.
3. Marketing strategies in cultivation.

## Prescribed Text Book:

Preferred text book: A textbook on MUSHROOM CULTIVATION - Ashok Aggarwal

## TOPICS COVERED:

**Module 1:** Introduction to mushrooms (2 hours)  
Mushrooms -Taxonomical rank -History and Scope of mushroom cultivation - Edible and Poisonous Mushrooms-Vegetative characters

**Module 2:** Common edible mushrooms (2 Hours)  
Button mushroom (Agaricus bisporus), Milky mushroom (Calocybe indica), Oyster mushroom (Pleurotus sajorajju) and paddy straw mushroom (Volvariella volvcea).

**Module 3:** Principles of mushroom cultivation (8 Hours) Structure and construction of mushroom house. Sterilization of substrates. Spawn production - culture media preparation- production of pure culture, mother spawn, and multiplication of spawn.

**Module 4:** Composting technology, mushroom bed preparation. Spawning, spawn running, harvesting. Cultivation of oyster and paddy straw mushroom. Problems in cultivation - diseases, pests and nematodes, weed moulds and their management strategies.

## Co - Curricular Activities:

Seminar/ quiz/ Assignment /Practice.

## REGISTRATION FORM

**Student:** .....

**Roll No.:** .....

**Class:** .....

**Address for Correspondance:**

.....

.....

.....

.....

**Mobile Number:** .....

**E-mail:** .....



IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA  
(Autonomous & NAAC B)

Department of Agriculture

Value Added Course

List of Students

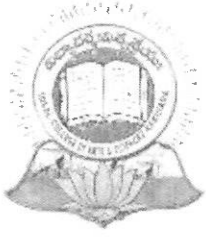
S.No.	Register Number	Name of the Student	signature
1	2200401104	M. SUBHA PALLAVI	M. Subha Pallavi
2	2200401108	A.V.V. MAHALAKSHIMI SRAVANI	A.V.V.M. Sravani
3	2200401109	R. MERCY	R. mercy
4	2200401110	V. UMADEVI	V. Umadevi
5	2200401112	P. PAVANI DURGA	P. Pavani Durga
6	2200401115	R. SAI PRIYA	R. Sai Priya
7	2200401116	D. RISHITHA	D. R. Rishitha
8	2200401117	P. SATYA BHAVANI	P. Satya Bhavani
9	2200401118	CH. NAGAMANI	Ch. Nagamani
10	2200401119	J. NAGA SAI CHAKRA LAKSHMI	J. Challa Lakshmi
11	2200401120	B. SWARNA LATHA	B. Swarna Latha
12	2200401122	N. AMULYA	N. Amulya
13	2200401125	N. SATYA SRI	N. Satya Sri
14	2200401126	G. BHAVANI	G. Bhavani
15	2200401127	D.V.G. SOWMYA DEVI	D. Sowmya
16	2200401129	N. PRIYANKA	N. Priyanka
17	2200401201	D. ANUSHA	D. Anusha
18	2200401203	K. YAGAVENDRA SIVA	K.Y. Siva
19	2200401204	A. SAI SANDEEP	A. Sai Sandeep
20	2200401205	N. RAJESHWARA SWAMY	N. Rajeshwara Swamy
21	2200401206	T. SATYA RAGHU	T. Satya Raghu
22	2200401207	A. DORA BABU	A. D. Babu
23	2200401208	V. SHREE SHANTH	V. Sri Shanth
24	2200401209	K. JOSHNA	K. Joshna
25	2200401212	M. HEMALATHA	M. Hemalatha
26	2200401213	K. JENELIA	K. Jenelia
27	2200401214	B. JYOTHI	B. Jyothi
28	2200401216	NOOKA RAJU	N. Nooka Raju
29	2200401217	G.V.R.S. VANDHANA	G. Vandhana
30	2200401219	P. SURYA KALA	P. Suryakala











# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

## VALUE-ADDED COURSE REPORT

### A Four - week Value-Added Course on “Introduction to Mushroom Cultivation”

Organized by Department

Agriculture(December 2021 –  
January 2022)

**Resource Person:** Ms. B. Pavithra  
Head of the Department of Agriculture  
Ideal College of Arts & Sciences(B),  
Kakinada  
Email:pavitraagri@idealcollege.edu.in  
Contact Number: 8763296346

**Coordinator:** N. Sangeetha  
Assistant Professor  
Department of Agriculture  
Ideal College of Arts & Sciences(B),  
Kakinada  
Email: [nsangeethaagri@idealcollege.edu.in](mailto:nsangeethaagri@idealcollege.edu.in)  
Contact Number: 9591319040

#### **OBJECTIVES:**

1. The main objective of the program is to know about the mushroom cultivation.
2. To know about the Problems in cultivation - diseases, pests and nematodes, weed moulds and their management strategies.

#### **Topics Covered :**

**Module 1:** Introduction to mushrooms (2 hours) Mushrooms -Taxonomical rank - History and Scope of mushroom cultivation - Edible and Poisonous Mushrooms- Vegetative characters

**Module 2:** Common edible mushrooms (2 Hours) Button mushroom (*Agaricus bisporus*), Milky mushroom (*Calocybe indica*), Oyster mushroom (*Pleurotus sajorcaju*) and paddy straw mushroom (*Volvariella volvcea*).

**Module 3:** Principles of mushroom cultivation (8 Hours) Structure and construction of mushroom house. Sterilization of substrates. Spawn production - culture media preparation- production of pure culture, mother spawn, and multiplication of spawn.

**Module 4 :** Composting technology, mushroom bed preparation. Spawning, spawn running, harvesting. Cultivation of oyster and paddy straw mushroom. Problems in cultivation - diseases, pests and nematodes, weed moulds and their management strategies.

**Co – Curricular Activities:**

Seminar/ quiz/ Assignment /Practice.

**Outcome of the Course:**

After Successful Completion of Value-added Course

1. Students came to know about handling of equipments, sterilization techniques
2. Production of mushrooms in small scale area.
3. Marketing strategies in cultivation.

**Number of Participants:** 30 Members

*N. Sangeetha*

Signature of the Coordinator



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

**Date: 01.12.2021**

All the III B.Sc., Students are here by informed that the Department of Physics is conducting a six-week value added course on "MATHEMATICAL METHODS OF PHYSICS" from January 2022 to February 2022.

Interested candidates are requested to register their names with Sri G. Raju, HOD of Physics and course coordinator on or before 18.12.2021.

*T. Subramanyam*  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**

(Autonomous, NAAC B)

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF PHYSICS**

Value added Course for the year 2021-2022

**A Six Week Value Added Course on "Mathematical Methods of Physics"**

**Day Wise Course Schedule**

S.No	Date	Topic
1.	01.01.2022	Introduction class for calculus of Single and multiple variables
2.	03.01.2022	Parical derivatives Jacibian
3.	04.01.2022	Taylor expansion
4.	05.01.2022	Imperfect and perfect ditteratials
5.	06.01.2022	Fourier series
6.	07.01.2022	Assignment
7.	10.01.2022	Introduction class vector calculus and vector algebra, vector calculas
8.	19.01.2022	Multiple integrals
9.	20.01.2022	Divergence theorem
10.	21.01.2022	Greens theorem
11.	22.01.2022	Stokes theorem
12.	24.01.2022	Student seminar
13.	25.01.2022	Introduction class for differential equations

14.	26.01.2022	First order equations
15.	27.01.2022	Second order differential equations
16.	28.01.2022	Constant coefficient
17.	29.01.2022	Introduction class maintains
18.	31.01.2022	Matrices and determinants
19.	01.02.2022	Matrices examples
20.	02.02.2022	Introduction class few basic functions in physics
21.	03.02.2022	Boltzmann power lorentzian Distribution
22.	04.02.2022	Plotting of functions
23.	05.02.2022	Conduct assignment
24.	07.02.2022	Beta and gamma functions
25.	08.02.2022	Reimann zeta function Dirac Delta function
26.	09.02.2022	Introduction class probability and statistics
27.	10.02.2022	Conduct student seminar
28.	11.02.2022	Probability, multiplintaty, combinatorics Algebra of complex numbers
29.	14.02.2022	Bernoulli Distribution Poisson and Gaussion Distribution
30.	15.02.2022	Conduct Quiz

  
 Signature of the Coordinator



## Course Structure & Syllabus

**30 hrs:**

### **OBJECTIVES:**

The main objective of the program is to know the importance of mathematical methods of physics for the students to solve the quantitative problems in physics.

### **COURSE OUTCOMES:**

This course is intended for the students to solve the quantitative problems in physics and prepare for the post graduate entrance examinations. It helps in finding and understanding the physical concepts of Thermodynamics, Electromagnetism and modern physics in an easy way.

#### **Unit-1: Calculus: (4hrs)**

Calculus of single and multiple variables, partial derivatives, Jacobian, imperfect and perfect differentials, Taylor expansion, Fourier series.

#### **Unit-2: Vector Calculus: (4hrs)**

Vector algebra. Vector Calculus, Multiple integrals, Divergence theorem, Green's theorem, Stokes' theorem.

#### **Unit-3: Differential Equations: (4hrs)**

First-order equations and linear second-order differential equations with constant coefficients.

#### **Unit-4: Matrices: (4hrs)**

Matrices and determinants. Algebra of complex numbers.

#### **Unit-5: Few Basic Functions in Physics (4hrs)**

Plotting of Functions-Beta and Gamma Functions-Riemann Zeta Function-Dirac Delta Function

#### **Unit 6: Probability and Statistics (4hrs)**

Probability, Multiplicity, Combinatory-Bernoulli Distribution-Poisson and Gaussian Distribution-Boltzmann

Power law-Lorentzian Distribution

#### **Co-Curricular Activities (6 Hours):**

Seminar/ Quiz/ Assignments/ Practice

**Prescribed Text Book:** S. Chand Publications



**IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS, NAAC B)**

**DEPARTMENT OF PHYSICS  
OFFERING**

**A SIX WEEK VALUE ADDED  
COURSE ON**

**MATHEMATICAL METHODS OF  
PHYSICS**

**January 2022 to February 2022**

**Coordinator**

**Dr. S. V. G. V. A. Prasad**  
Prof of Physics  
Ideal College of Arts and Science (A)  
Kakinada

**Resource Person**

**Sri G. Raju**  
Lecturer in Physics  
Ideal College of Arts and Science (A)  
Kakinada

**Certificates will be provided on successful completion of the course**



### ABOUT THE INSTITUTION:

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result, the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### ABOUT THE DEPARTMENT:

The department of Physics came into existence in the year 1974. The department connected with different courses B Sc - MPC (TM & EM) and MPCS (EM). The department is located in an area of 480 sq.mts. The lab is fully equipped to conduct B Sc - Physics practicals for all papers. A good number of old and new books more than 270 in department library. The lab has an internet facility to watch the important lectures and scientific programmes for the better knowledge of students, which are transmitted by UGC and various Universities.

### ABOUT THE COURSE:

This would be the first of a two-part series on Mathematical Methods in Physics. The aim here is to provide a solid mathematical foundation for the budding Physicist eager to climb the ladder of self-learning. This course is designed to cater to an undergraduate student who excitedly embarks on a study of Physics, but is obstructed by the mathematics which appears so forbidding. The approach we will follow is one of showing many examples, and weaving the theory around examples. When possible, we will show how Mathematica can be used to offer extra insight.

### REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for Correspondence : \_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

DEPARTMENT OF PHYSICS

Value added Course for the year 2021-2022

Mathematical Methods of Physics

S.No	Roll Number	Name of the Student	Signature
1.	2192001	Sangani Anjali Niharika	
2.	2192005	Sangani charan Sigh	S.A. Niharika
3.	2192014	Kunche Manikanta	S.C. Sigh
4.	2192019	Magapu Naveen	K. Manikanta
5.	2192029	Nadipalli Ramu	M. Naveen.
6.	2192035	Kosanam Satish	N. Ramu.
7.	2192044	Voduri Supriya	K. Satish
8.	2192050	Sheik Esnali	V. Supriya
9.	2192060	Boddu Karthik	S. Egnali
10.	2192073	Birada Sai Ram	B. Karthik
11.	2192086	Thota Vinay	B. Sai Ram
12.	2192088	Kakara Rajesh	T. Vinay
13.	2192090	Sereti Ajay Kumar	K. Rajesh
14.	2192107	Yelusuri Divya Jyothi	S. Ajay Kumar
15.	2192122	Shaik Moula	Y. Divya Jyothi
16.	2192103	Meddisetti Aswani Devi	S. Moula
17.	2192132	Marni Rama Krishna	M.A. Devi
18.	2192135	Joga Sadhana Devi	M. Rama Krishna
			J.S. Devi



19.	2192152	Gadi Veera Sai	
20.	2192157	Penta Vinay	G. Veera Sai
21.	2192159	Koppiseti Swamy	P. Vinay
22.	2192202	Palepu Ajay	K. Swamy
23.	2192208	Pidimi Devi	P. Ajay
24.	2192219	Polarapu Kalyan	P. Kalyan
25.	2192225	Doma Nagoor	P. Kalyan
26.	2192228	Saviti Ohmkkar	D. Nagoor
27.	2192232	Vasamsetti Pushpa Devi	S. Ohmkkar
28.	2192240	Poma Satish	P. Pushpa Devi
29.	2192246	Tivireddi Srinu	P. Satish
30.	2192259	Cheekatla Sandeep	T. Srinu
			Ch. Sandeep.

# Pupils Attendance Register

పేరు: \_\_\_\_\_  
 సంఖ్య: \_\_\_\_\_

1	2	3	4	5													6																			
				సంఖ్య	పేరు	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2192001		Sangan - Anjali Nilavika		P	A	P	P	P	A	P	P	P	P	P	A	P	A	A	P	P	A	P	P	P	A	P	A	A	P	A	P	A	P			
2192005		Sangan Chavan Sish		P	P	P	P	A	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P			
2192014		Kunche manikanta		A	P	A	P	P	A	A	P	P	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P			
2192019		magapu Naveen		P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P			
2192029		Nadipalli Ramu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
2192035		Kosaram Satish		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P			
2192044		Voduri Suroiya		P	P	P	A	P	A	P	P	P	A	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P		
2192050		Sheik Eshali		P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P		
2192060		Boddu Karthik		P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P		
2192073		Bivada Sai Ram		A	A	P	P	P	A	P	P	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2192086		Thota Vinay		A	A	A	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2192088		kakara Rajesh		P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P		
2192090		Serite Ajay Kumar		P	A	P	P	P	P	P	P	A	P	P	P	P	A	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P		
2192107		Yelusuri Divya Jyothi		P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2192122		Shaik moula		P	P	P	A	A	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192123		HediSelli Aswini Devi		P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192132		marri Ramakrishna		A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2192135		Joga Sadhana Devi		P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192152		Gudi Veera Sai		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192154		panta Vinay		P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192159		Koppisetti Srimy		P	P	A	A	P	P	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2192202		palapu Ajay		P	P	P	P	P	P	P	A	A	P	P	P	A	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192208		padimi Devi		P	P	P	P	P	P	P	P	A	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192213		polarapu Kalyan		P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2192225		Doma Nagar		P	A	A	P	P	P	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2192228		Saviti Omkar		A	A	P	P	P	A	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2192232		Vasembelli Pushpadvi		P	P	P	P	P	P	P	A	A	P	A	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2192240		poma Satish		P	P	A	P	P	P	P	P	A	P	A	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2192246		Tivireddi Simu		P	A	P	P	A	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2192259		Cheekala Sandeep		P	P	P	A	P	A	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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 16/02/22

పాఠశాల పేరు: \_\_\_\_\_  
 తరగతి: \_\_\_\_\_  
 తేదీ: \_\_\_\_\_



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A six week Value-added Course on “Mathematical Methods of Physics”  
organized by Department of Physics**

**(January 2022 to February 2022)**

**Resource Person** : Sri G. Raju  
Lecturer in Physics  
Ideal College of Arts and Sciences(A),  
Kakinada  
Mobile: 9652978708  
Email-Id: r1a2j3u4phy@gmail.com

**Coordinator** : Dr. S.V.G.V.A. Prasad  
Prof.in. Physics  
Ideal College of Arts and Sciences(A),  
Kakinada  
Mobile: 7780201394  
Email-Id: Dr.svgvprasad@gmail.com

**Objectives:**

The main objectives of the Program is to know the importance of mathematical methods of physics for the students to solve the quantitative problems in physics.

**Topics Covered:**

This course is intended for the students to solve the quantitative problems in physics and prepare for the post graduate entrance examinations. It helps in finding and understanding the Physical concepts of Thermodynamics, Electromagnetism and Modern Physics in easy way.

**Unit-1: Calculus:**

Calculus of single and multiple variables, partial derivatives. Jacobian. imperfect and perfect differentials, Taylor expansion. Fourier series.



**Unit-2: Vector Calculus:**

Vector algebra. Vector Calculus, Multiple integrals, Divergence theorem.

Green's theorem. Stokes theorem.

**Unit-3: Differential Equations:**

First-order equations and linear second-order differential equations with constant coefficients.

**Unit-4: Matrices:**

Matrices and determinants. Algebra of complex numbers.

**Unit-5:**

Few Basic Functions in Physics Plotting of functions-Beta and Gamma Functions-Riemann Zeta Function-Dirac Delta Function

**Unit 6: Probability and Statistics**

Probability. Multiplicity, Combinatorics-Bernoulli Distribution-Poisson and Gaussian Distribution-Boltzmann Power law-Lorentzian Distribution.

**Outcomes of the Course:**

After successful completion of Value – added course

1. Students can understand mathematical problems in Physics.
2. Students can understand easy to solve the quantitative problems in physics used mathematical methods.

**Number of Participants: 30 Members**

  
Signature of the Coordinator



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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**KAKINADA**

**NOTICE**

**Dt: 05.01.2022**

All the I B.Sc., students are here by informed that Department of Chemistry is conducting A four-week value added course on "**Polymers and water analysis**" from January 2022 – February 2022.

Interested candidates are requested to register their names with Sri K. Rajendra Kumar, HOD, Chemistry and Course Coordinator on or before 16.01.2022.

*T. Sathyanarayana*  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous, NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF CHEMISTRY**  
**Value added Course for the year (2021-2022)**

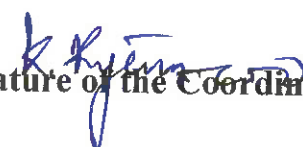
**Polymers and water analysis**

**Day Wise Course Schedule**

S.No	Date	Topic
1.	18.01.2022	Definition of polymerization.
2.	19.01.2022	Degree of polymerization
3.	20.01.2022	Classification of polymers
4.	21.01.2022	Natural and Synthetic polymers
5.	22.01.2022	Organic and Inorganic polymers
6.	24.01.2022	Thermo plastic and Thermosetting polymers
7.	25.01.2022	Fibers and Resins of polymers
8.	27.01.2022	Plastics, Elastomers of polymers
9.	28.01.2022	Linear, Branched of polymers
10.	29.01.2022	Cross-Linked polymers
11.	31.01.2022	Addition polymers.
12.	01.02.2022	Condensation polymers



13.	02.02.2022	Free radical, ionic Mechanism of polymerization
14.	03.02.2022	Zeigler-Natta polymerization.
15.	04.02.2022	Industrial manufacturing of polymers
16.	05.02.2022	Applications of Polystyrene
17.	07.02.2022	Applications of Poly acrylo nitrile
18.	08.02.2022	Applications of Poly methacrylate
19.	09.02.2022	Applications of Poly methyl methacrylate
20.	10.02.2022	Introduction of Waste water.
21.	11.02.2022	Types of treatments
22.	12.02.2022	Characteristics of solid wastes
23.	14.02.2022	Methods of solid waste treatment and disposal
24.	15.02.2022	Microbiology involved in solid waste disposal
25.	16.02.2022	Methods of solid waste disposal – composting
26.	17.02.2022	Methods of solid waste disposal – sanitary
27.	18.02.2022	Methods of solid waste disposal – filling
28.	19.02.2022	Environmental problems.
29.	21.02.2022	Student Seminar
30.	22.02.2022	Review of Value added Course

  
 Signature of the Coordinator



## Course Structure & Syllabus

30 hrs

### OBJECTIVES:

Uses determining methods of molecular weight. Categorizes polymers. Categorizes polymerization reactions with respect to mechanisms and distinguishes differences of these reactions. Explains polymer production processes.

Students after successful completion of the course will be able to:

CO 1: Understand the basic concepts of polymers

CO 2: Acquire a critical knowledge on the preparation and applications of organic polymers

CO 3: Identify the importance of industrial waste management.

UNIT - I: 10 hours

Basic definitions, degree of polymerization, classification of polymers- Natural and Synthetic polymers, Organic and Inorganic polymers, Thermo plastic and Thermosetting polymers, Plastics, Elastomers, Fibers and Resins, Linear, Branched and Cross-Linked polymers.

UNIT -II: 10 hours

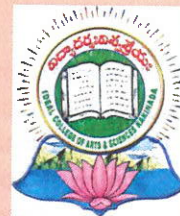
Addition polymers and Condensation polymers, mechanism of polymerization- Free radical, ionic and Zeigler-Natta polymerization. Industrial manufacturing and applications of following polymers, Polystyrene, Poly acrylo nitrile, Poly methacrylate, Polymethylmethacrylate.

UNIT - III: 10 hours

Waste water treatment - primary, secondary & tertiary treatment. (All treatment methods in detail). Characteristics of solid wastes, methods of solid waste treatment and disposal, microbiology involved in solid waste disposal, methods of solid waste disposal-composting, sanitary and filling - economic, aesthetic and environmental problems.

### Prescribed Text Book:

E.Stocchi: Industrial Chemistry, Vol-I, Ellis Horwood Ltd. UK



IDEAL COLLEGE OF ARTS AND  
SCIENCES  
(Autonomous & NAAC B1)

DEPARTMENT OF CHEMISTRY  
OFFERING

**A FOUR WEEK VALUE ADDED COURSE**

ON

**“POLYMERS AND WATER  
ANALYSIS”**

JANUARY 2022 - FEBRUARY 2022

**Resource Person**

**Coordinator**

Sri B. Bala Subrahmanyam  
Assistant Professor of  
chemistry  
Ideal College of Arts and  
Sciences(A), Kakinada

Sri K. Rajendra Kumar  
HOD, chemistry  
Ideal College of Arts and  
Sciences(A), Kakinada

**Certificates will be provided on successful  
completion of the course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### About the Department

The Department of Chemistry was started in 1974.It enjoys the experience of the able and dedicated faculty and benevolent leadership of the stalwart academicians. The Departments have a well equipment to cater the need of students for their practical oriented curriculum. The Department also having good number of specimens, models, charts, along with LCD projector, OHP, Monoculars, Binoculars, Trinoculars, Oven, High speed centrifuges and a good museum.

## About the Course

### REGISTRATION FORM

Name of the Student : \_\_\_\_\_  
Roll No : \_\_\_\_\_  
Class : \_\_\_\_\_  
Address for  
Correspondence : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
E-mail : \_\_\_\_\_

Signature



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

## DEPARTMENT OF CHEMISTRY

Value added Course for the year 2021-2022

Polymers and water analysis

S.No	Roll Number	Name of the Student	Signature
1.	2210402002	M. Adi Ramesh	M. Adi Ramesh.
2.	2210402015	R. Durga Bhavani	R. Durga Bhavani
3.	2210402017	S. Durga Prasad	S. Durga Prasad
4.	2210402025	J. Jaya Sri	J. Jaya Sri
5.	2210402027	P. Kalyani	P. Kalyani
6.	2210402035	P. Manohar	P. Manohar
7.	2210402043	S. Pavan Kumar	S.P. Kumar
8.	2210402101	G. Ram Kumar	G. Ram Kumar
9.	2210402108	B. Sai Lakshmi	B. Sai Lakshmi
10.	2210402115	V. Dandhya Rani	V. Dandhya Rani
11.	2210402123	Sk. Haffeeza Sulthana	Sk. Haffeeza Sulthana
12.	2210402128	S.S.A. Chakradhar	S.S.A. Chakradhar
13.	2210402135	S.S. Durga Prakash	S.S. Durga Prakash.
14.	2210402137	P. Swathi Sadvika	P. Swathi Sadvika.
15.	2210402144	V.V. Ramana	V.V. Ramana
16.	2210402148	M. Yesu Ratnam	M. Yesu Ratnam
17.	2210402401	M. Abhi	M. Abhi.
18.	2210402409	G. Dharani	G. Dharani

19.	2210402411	P. Durga Prasad	P. Durga Prasad
20.	2210402413	O. Gowthami	O. Gowthami
21.	2210402421	G. P. Gangadhar	G. P. Gangadhar
22.	2210402423	B. Praveen Kumar	B. Praveen Kumar
23.	2210402424	Ch. P.D.V. Subha Sri	Ch. P.D.V. Subha Sri.
24.	2210402430	V. Sameer Urala	V. Sameer Urala
25.	2210402431	K. Siva Narayana	K. Siva Narayana
26.	2210402434	K. S. Rajendra Kumar	K. S. Rajendra Kumar
27.	2210402435	A Surya Rajeswari	A. Surya Rajeswari
28.	2210402439	K. V.V. Vinay	K. V.V. Vinay
29.	2210402507	G. Divya Sri	G. Divya Sri
30.	2210402513	G. Jaya Satya Sri	G. Jaya Satya Sri
31.	2210402515	P. Leela Laxmi Kumari	P. Leela Laxmi Kumari
32.	2210402523	A Murali	A. Murali
33.	2210402524	K. Narendra	K. Narendra
34.	2210402529	B. Priyanka	B. Priyanka
35.	2210402532	N. Raju	N. Raju
36.	2210402534	J. Ramya	J. Ramya.
37.	2210402536	P. Rupa	P. Rupa
38.	2210402544	V.S. Priya Darshini	V.S. Priya Darshini



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four week Value-added Course on “Polymers and water analysis”  
organized by Department of Chemistry**

**( January 2022 – February 2022 )**

**Resource Person** : Sri B. Bala Subrahmanyam  
Assistant Professor of Chemistry  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: balu.s672@gmail.com  
Contact Number: 8328658433

**Coordinator** : Sri K. Rajendrakumar  
HOD, Chemistry  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: rajendra.kavuri@gmail.com  
Contact Number: 9985786251

**Objectives:**

Uses determining methods of molecular weight. Categorizes polymers. Categorizes polymerization reactions with respect to mechanisms and distinguishes differences of these reactions. Explains polymer production processes.

**Topics Covered:**

**UNIT – I:**

**10 hours**

Basic definitions, degree of polymerization, classification of polymers-Natural and Synthetic polymers, Organic and Inorganic polymers, Thermo plastic and



Thermosetting polymers, Plastics, Elastomers, Fibers and Resins, Linear, Branched and Cross-Linked polymers.

**UNIT –II:**

**10 hours**

Addition polymers and Condensation polymers, mechanism of polymerization- Free radical, ionic and Zeigler-Natta polymerization. Industrial manufacturing and applications of following polymers, Polystyrene, Poly acrylo nitrile, Poly methacrylate, Polymethylmethacrylate.

**UNIT – III:**

**10 hours**

Waste water treatment - primary, secondary & tertiary treatment. (All treatment methods in detail). Characteristics of solid wastes, methods of solid waste treatment and disposal, microbiology involved in solid waste disposal, methods of solid waste disposal-composting, sanitary and filling - economic, aesthetic and environmental problems.

**Outcomes of the Course:**

Students after successful completion of the course will be able to:

**CO 1:** Understand the basic concepts of polymers

**CO 2:** Acquire a critical knowledge on the preparation and applications of organic polymers

**CO 3:** Identify the importance of industrial waste management.

**Number of Participants:** 38 Members

  
Signature of the Coordinator



**IDEAL COLLEGE OF ARTS AND SCIENCES**

(Autonomous & NAAC B)


**Dr. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA**


**DEPARTMENT OF CHEMISTRY**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed four week value added course on  
**“Polymers and water analysis”** conducted by the Department of Chemistry, Ideal  
College of Arts and Science(A), Kakinada, from January 2022 – February 2022.

  
Sri B. Bala Subrahmanyam  
**Resource Person**

  
Sri K. Rajendra Kumar  
**Coordinator**

  
Dr. T. Satyanarayana  
**Principal**  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

**Dt: 28.12.2021**

All the I B.A students are here by informed that Department of History is conducting A four-week value added course on "**Evaluation of Telugu Cinema script and writing**" from January 2022 to February 2022.

Interested candidates are requested to register their names with Sri. N.S.S. Prasad, HOD History and Course Coordinator on or before 08.01.2022.

*T. Sabir*  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous, NAAC)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF HISTORY**

**Value added Course for the year (2021-2022)**

**A Four Week Value Added Course on “Evolution of Telugu Cinema  
and script and writing”**

**Day Wise Course Schedule**

S.No	Date	Topic
1.	18.01.2022	Introduction
2.	19.01.2022	Cinema – origin
3.	20.01.2022	Definition – scope of cinema
4.	21.01.2022	History of Indian Cinema
5.	22.01.2022	Some prominent Indian film
6.	24.01.2022	Satyajit Ray, Santaram
7.	25.01.2022	Evolution of Telugu Cinema
8.	27.01.2022	Cinema under British Rule
9.	28.01.2022	Mookie to Talkie films
10.	29.01.2022	Black and white to colour films
11.	31.01.2022	Pioneers of Telugu Cinema
12.	01.02.2022	Study Hour
13.	02.02.2022	Assignment

14.	03.02.2022	Telugu Film Industry
15.	04.02.2022	Studios & Film institutions
16.	05.02.2022	Film – Censorship
17.	07.02.2022	National & State award
18.	08.02.2022	Film festivals
19.	09.02.2022	Cinema and its impact on society
20.	10.02.2022	Script work
21.	11.02.2022	Music
22.	12.02.2022	Historical Movies
23.	14.02.2022	Family movies
24.	15.02.2022	Rural and urban area
25.	16.02.2022	Universal locations
26.	17.02.2022	Lyrics
27.	18.02.2022	Study hour
28.	19.02.2022	Project work
29.	21.02.2022	Student seminar
30.	22.02.2022	Paper presentation

  
Signature of the Coordinator



## Course Structure & Syllabus

30 hrs

### OBJECTIVES:

Students after successful completion of the course will be able to.,

1. Understand the evolution of Telugu cinema and major changes from past to present
2. Assess the role of Telugu cinema makers and their contribution

### COURSE OUTCOMES:

After Successful Completion of Value-added Course

1. Identify various cinema studios and film institutions
2. Learn skills and techniques of cinema script writing

Unit: 1

What is Cinema- Origin - Definitions-Scope of Cinema- History of Indian cinema- Cinema and

Its importance - Some prominent Indian film makers in other languages: Satyajit Ray, Santa Ram, K. Subramanyam, B.R. Pantulu and Adoor Gopalakrishnan.

Unit: 2

Evolution of Telugu cinema: Cinema under British rule- Mookie to Talkie Films-Classical Age-Black and White to Colour Films - Pioneers of Telugu cinema: Raghupati Venkaiah, B.N.Reddy, Gudavalli Ramabrahmam, L. V. Prasad and K. V. Reddy

Unit: 3

Major Developments in Telugu Film Industry in the first 50 years (1912 to 1962) - Cinema Studios and Film Institutes (Chennai-Hyderabad) - Film Censorship - National & State Awards-Film Festivals-Telugu Cinema at World Market- Cinema and its Impact on Society

Unit: 4

Evolution of Telugu film story/scripts and themes in the first 50 years (1912 to 1962):

mythological, historical, folk, social reform and freedom movement, family, hero-cult. Rural and urban background

Unit: 5

Adaptation of historical events for historical films: Comparative study original (reorded) history and the film's story - study of one of the following films Mahamantri Timmarasu, Bobbili Yuddham, Alluri Sitaramaraju; Prominent Telugu film script writers: Pingali Nagendra Rao, Chakrapani, Modukuri Jhonson, D.V.Narasaraju.



**IDEAL COLLEGE OF ARTS AND SCIENCES**

**(Autonomous & NAAC B)**

**DEPARTMENT OF HISTORY  
OFFERING**

**A FOUR WEEK VALUE ADDED COURSE**

**ON**

**"EVOLUTION OF TELUGU CINEMA  
AND SCRIPT WRITING"**

**(JANUARY 2022 – FEBRUARY 2022)**

**Resource Person**

**Dr. K. Swamiji  
HOD, Political Science  
Ideal College of Arts and  
Sciences(A), Kakinada**

**Coordinator**

**Sri. N. S.S. Prasad  
HOD, History/Ideal College  
of Arts and Sciences(A),  
Kakinada**

**Certificates will be provided on successful  
completion of the course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

## About the Department

The Department of History was started in 1974 along with the other under graduate course as to impart education to the needy of the youth who pursuing Education of a nearby villages and Kakinada town in Particular.

The Department was established by the then start warts like the Dr. K.S. Kameswara Rao and others who brought name and fame to the department and trained No. of students to acquire High position all over to the world.

The Department includes a faculty room and well aerated Lectures Hals, Departmental library and other that rare collections to tell us about History.

## About the Course

Telugu holds immense cultural and historical significance in India. It is the official language of Andhra Pradesh and Telangana, and plays a vital role in the region's literature, arts, and cinema. The Telugu people take great pride in their language, which has been recognized as a classical language by the Indian government. Telugu literature, with its rich poetry and prose, has contributed significantly to the Indian literary tradition.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for  
Correspondence : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

## DEPARTMENT OF HISTORY

Value added Course for the year 2021-2022

### List of Students

S.No	Roll Number	Name of the Student	Signature
1.	2220401002	C. Babi	C. Babi
2.	2220401004	B. David Raju	David Raju
3.	2220401007	C. Durga Prasad	C. Durga Prasad
4.	2220401009	K. Durga Prasad	K. Durga Prasad
5.	2220401012	R. Gangadri	R. Gangadri
6.	2220401015	Y. Jogi naidu	Y. Jogi naidu
7.	2220401018	I Krupa	I Krupa
8.	2220401022	K. Maha Lakshmi	K. Mahalakshmi
9.	2220401023	B. Manikanta	B. Manikanta
10.	2220401027	K. Neelaveni	K. Neelaveni
11.	2220401030	P. Prasad	Prasad
12.	2220401031	B. Rajesh	B. Rajesh
13.	2220401032	S. Rama Devi	S. Rama Devi
14.	2220401035	R. Ravi	Ravi
15.	2220401044	N. Siva	Siva
16.	2220401046	D. Srinu	Srinu
17.	2220401048	M. Suresh	M. Suresh
18.	2220401049	P. Suresh	P. Suresh
19.	2220401054	G. Venkat	G. Venkat
20.	2220401058	K.V. Ramesh	Ramesh



Dec  
2022

# Pupils Attendance Register

1	2	3	4	Date													
				1	2	3	4	5	6	7	8	9	10	11	12	13	
1002	1	c. Babi		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1004	2	B. David Raju		P	A	P		P	P	P	P	P	P	P	P	P	P
1007	3	C. Durga prasad		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1009	4	K. Durga prasad		A	P	P	P	P	P	P	P	P	P	P	P	P	P
1012	5	R. Gangadri		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1015	6	Y. Jogi Naidu		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1018	7	I. Krupa		P	A	P	P	P	P	P	P	P	P	P	P	P	P
1022	8	K. Maha Lakshmi		A	P	P	P	P	P	P	P	P	P	P	P	P	P
1023	9	B. Manikanta		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1027	10	K. Neelaveni		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1030	11	P. Prasad		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1031	12	B. Rajesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1032	13	S. Rama Devi		A	P	P	P	P	P	P	P	P	P	P	P	P	P
1035	14	R. Ravi		P	A	P	P	P	P	P	P	P	P	P	P	P	P
1044	15	N. Siva		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1046	16	D. Srinu		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1048	17	M. Suresh		A	A	P	P	P	P	P	P	P	P	P	P	P	P
1049	18	P. Suresh		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1054	19	G. Venkat		P	P	P	P	P	P	P	P	P	P	P	P	P	P
1058	20	K.v. Ramesh		A	P	P	P	P	P	P	P	P	P	P	P	P	P

*Handwritten signature*

# జరుపటి

రోజుల సంఖ్య  
పగలు హాజరు

రోగం  
గోడ

14	15	16	17	18	19	20	21	22	23	24	25	హాజరైన దినములు		7	8	9	
												బాబులు	బాలికలు				
A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	24		
A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	23		
P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	23		
P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	22		
A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	24		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	22		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	22		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	24		
P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	23		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	24		
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P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	24		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	23		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	22		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	25		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	23		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	21		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	22		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	22		





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four week Value-added Course on “Evolution of Telugu Cinema and Script Writing” organized by Department of History**

**(January 2022 – February 2022)**

**Resource Person** : Dr. K. Swamiji  
HOD, Political Science  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: kollu1981@gmail.com  
Contact Number: 7989272226

**Coordinator** : Sri N. S.S. Prasad  
HOD, History  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: Shankarn506@gmail.com  
Contact Number: 9963613260

**Objectives:**

Students after successful completion of the course will be able to.,

1. Understand the evolution of Telugu cinema and major changes from past to present
2. Assess the role of Telugu cinema makers and their contribution

**Topics Covered:**

**Unit: I**

What is Cinema- Origin - Definitions-Scope of Cinema- History of Indian cinema- Cinema and

Its importance – Some prominent Indian film makers in other languages: Satyajit Ray, Santa Ram, K. Subramanyam, B.R. Pantulu and Adoor Gopalakrishnan.

**Unit: 2**

Evolution of Telugu cinema: Cinema under British rule- Mookie to Talkie Films- Classical Age-Black and White to Colour Films - Pioneers of Telugu cinema: Raghupati Venkaiah, B.N.Reddy, Gudavalli Ramabrahmam, L. V. Prasad and K. V. Reddy

**Unit: 3**

Major Developments in Telugu Film Industry in the first 50 years (1912 to 1962) – Cinema Studios and Film Institutes (Chennai-Hyderabad) - Film Censorship - National & State Awards-Film Festivals-Telugu Cinema at World Market- Cinema and its Impact on Society

**Unit: 4**

Evolution of Telugu film story/scripts and themes in the first 50 years (1912 to 1962):

mythological, historical, folk, social reform and freedom movement, family, hero-cult. Rural and urban background

**Unit: 5**

Adaptation of historical events for historical films: Comparative study original (recorded) history and the film's story – study of one of the following films Mahamantri Timmarasu, Bobbili Yuddham, Alluri Sitaramaraju; Prominent Telugu film script writers: Pingali Nagendra Rao, Chakrapani, Modukuri Jhonson, D.V.Narasaraju.

**Outcomes of the Course:**

After Successful Completion of Value-added Course

1. Identify various cinema studios and film institutions
2. Learn skills and techniques of cinema script writing

**Number of Participants:** 20 Members

  
Signature of the Coordinator



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF HISTORY**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed four week value added course on  
**“Evolution of Telugu Cinema and Script Writing”** conducted by the Department  
of History, Ideal College of Arts and Science(A), Kakinada, from January 2022 to  
February 2022.

*K. Swamiji*  
Resource Person

*NRJ*  
Coordinator

*T. Subrahmanyam*  
Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

**Date:** 05.01.2022

All the I BA students are here by informed that Department of Political Science is conducting A four-week value added course on "**E-Governance**" from January 2022 to February 2022.

Interested candidates are requested to register their names with Dr. K. Swamiji, HOD, Political Science and Course Coordinator on or before 17.01.2022.

*T. Subramanyam*  
PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous, NAAC B)

**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF POLITICAL SCIENCE**

**Value added Course for the year (2021-2022)**

**A Four Week Value Added Course on “E-Governance”**

**Day Wise Course Schedule**

<b>S.No</b>	<b>Date</b>	<b>Topic</b>
1.	18.01.2022	Introduction of E-Governance
2.	19.01.2022	Meaning of E-Governance
3.	20.01.2022	Definition of E-Governance
4.	21.01.2022	Nature and Scope of E-Governance
5.	22.01.2022	Objectives of E-Governance
6.	24.01.2022	Domains of E-Governance
7.	25.01.2022	Significance of E-Governance
8.	27.01.2022	Governance and Good Governance
9.	28.01.2022	E- Global trends in the growth of E-Governance
10.	29.01.2022	Assignment – I
11.	31.01.2022	Student Seminar
12.	01.02.2022	E- Governance in India
13.	02.02.2022	E- Governance plan
14.	03.02.2022	Centre-Strategies for E-Governance
15.	04.02.2022	Data system, Human resources, Legal and

		Technological infrastructure
16.	05.02.2022	Gyandoot, E-choupal, E-Bhoomi, E-Seva, Card, E-panchayat, Real Time Governance
17.	07.02.2022	Computing Cloud Governance
18.	08.02.2022	Group Discussion
19.	09.02.2022	Information and Communication Technology in Administration
20.	10.02.2022	Elective delivery of Services
21.	11.02.2022	Governance-Online filing of Complaints
22.	12.02.2022	Issuance of certificates
23.	14.02.2022	Issuance of Land records
24.	15.02.2022	Online payments of fees
25.	16.02.2022	E-Governance Information and Technology
26.	17.02.2022	Act-Legal status for digital Transactions
27.	18.02.2022	Public Private partnership and expansion of E-Governance.
28.	19.02.2022	E-Governance-Transparency and Accountability at gross root level-Issues and Challenges
29.	21.02.2022	Socio-Political Implications
30.	22.02.2022	Digital Divide, Capacity Building Cyber Security in Cyber Crimes

  
**Signature of the Coordinator**



# Course Structure & Syllabus

30 hrs

## OBJECTIVES:

Students after successful completion of the course will be able to.,  
To bring transparency in the governing process - E-governance carries an objective to make the Governing process transparent by making all the Government data and information available to the people for access. It is to make people know the decisions, and policies of the Government.

## COURSE OUTCOMES:

After Successful Completion of Value-added Course

Relations between the public authorities and civil society

The functioning of the public authorities at all stages of the democratic process (electronic democracy)

The provision of public services (electronic public services)

### Unit: 1

Brief Introduction to Governance –E-Governance – Meaning, Definition, Nature, Scope, Objectives and Significance- Domains of E-Governance and Good Governance- Global trends in the growth of E-Governance.

### Unit: 2

E- Governance in India – National E- Governance plan (NeGP)-National Informatics Centre-Strategies for E-Governance Implementations: Required infrastructure of Network, Computing Cloud Governance, Data system, Human resources, Legal and Technological infrastructure-Major E-Governance Projects and Initiatives: Gyandoot, E-choupal, E-Bhoomi, E-Seva, Card, E-panchayat, Real Time Governance(RTG)etc.

### Unit: 3

Role of Information and Communication Technology in Administration, Elective delivery of Services for public utilities through E-Governance-Online filing of Complaints, application registration, Issuance of certificates, Issuance of Land records, Online payments of fees, dues etc.

### Unit: 4

E-Governance under Information Technology Act-Legal status for digital Transactions-Public Private partnership and expansion of E-Governance.

### Unit: 5

E-Governance-Transparency and Accountability at gross root level-Issues and Challenges: Digital Divide, Capacity Building Cyber Security in Cyber Crimes, Socio-Political Implications, Issues of integration, Networking with NGOs.



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)

**DEPARTMENT OF POLITICAL SCIENCE OFFERING**

**A FOUR WEEK VALUE ADDED COURSE**

**ON**

**“E-GOVERNANCE”**

**(JANUARY AND FEBRUARY 2022)**

**Resource Person**

**Sri. Babjee Pothuraju**  
HOD, Political Science  
Government Degree  
College,  
Rajamahendravaram

**Coordinator**

**Dr. K. Swamiji**  
Lecturer in Political  
Science  
Ideal College of Arts and  
Sciences(A), Kakinada

**Certificates will be provided on successful completion of the course**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

## About the Department

The Department of Political Science was started in 1974 along with the other under graduate course as to impart education to the needy of the youth who pursuing Education of a nearby villages and Kakinada town in Particular.

The Department was established by the then start warts like the Sri N. Rama Rao and others who brought name and fame to the department and trained No. of students to acquire High position all over to the world.

The Department includes a faculty room and well aerated Lectures Hals, Departmental library and other that rare collections to tell us about History.

## About the Course

It is an integrated solution in the education sector that facilitates the processing and maintenance of large volumes of information such as: registration, admission, student information, classes, time table, transport, attendance, library, salary, expenses, examinations, performance, grades, hostels, security, reports.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for  
Correspondence : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature

# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

DEPARTMENT OF POLITICAL SCIENCE

Value added Course for the year 2021-2022

## List of Students

S.No	Roll Number	Name of the Student	Signature
1.	2210401001	ANANTH POTTUMURTHI	P. Ananth
2.	2210401002	ANJALI NADIPALLI	Anjali. N
3.	2210401003	APARANJITHA THOTADA	T. APARANJITHA
4.	2210401004	BABU NARAYANA REDDY PALLALA	P. Babu Reddy
5.	2210401005	DURGA VARA PRASAD PARAMATA	P. D. Prasad
6.	2210401006	ESWARARAO MALLADI	M. ESWARARAO
7.	2210401007	GOPALA KRISHNA REDDY SADALA	S. G. K. Reddy
8.	2210401008	HINDU PRIYA DALAYI	D. Hindu Priya
9.	2210401009	JEEVANA JYOTHI KUDAKALA	J. JYOTHI K.
10.	2210401010	KARTHIK YALAMASETTI	K. Kartik
11.	2210401011	LAKSHMI KEERTHI DASARI	D. L. KEERTHI
12.	2210401012	MANOJ MIRIYALA	M. Manoj
13.	2210401013	NAGA LAKSHMI VEMULAPUDI	V. N. LAKSHMI
14.	2210401014	NAGA RAJU GANDIKOTA	G. N. Raja
15.	2210401015	NAIDU ALAMANDA	Naidu. A
16.	2210401016	NANIBABU BHIPELLI	B. NANIBABU
17.	2210401017	PAVAN KRISHNA MURTHY YARRAMNEEDI	P. P. K. Murthy
18.	2210401018	RAMBABU NAMA	N. Rambabu
19.	2210401019	RAMU BURI	Ramu. B
20.	2210401020	RAVI KUKKALA	RAVI. K







**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four week Value-added Course on “E Governance” organized by  
Department of Political Science**

**(January and February 2022)**

- Resource Person** : Sri Babjee Pothuraju  
HOD, Political Science  
Government Degree College,  
Rajamahendravaram.
- Coordinator** : Dr. K. Swamiji  
Lecturer in Political Science  
Ideal College of Arts and Sciences(A),  
Kakinada

**Objectives:**

Students after successful completion of the course will be able to.

To bring transparency in the governing process - E-governance carries an objective to make the Governing process transparent by making all the Government data and information available to the people for access. It is to make people know the decisions, and policies of the Government.

**Topics Covered:**

**Unit: 1**

Brief Introduction to Governance –E-Governance – Meaning, Definition, Nature, Scope, Objectives and Significance- Domains of E-Governance and Good Governance- Global trends in the growth of E-Governance.

**Unit: 2**

E- Governance in India – National E- Governance plan (NeGP)-National Informatics Centre-Strategies for E-Governance Implementations: Required infrastructure of Network, Computing Cloud Governance, Data system, Human resources, Legal and Technological infrastructure-Major E-Governance Projects and Initiatives: Gyandoot, E-choupal, E-Bhoomi, E-Seva, Card, E-panchayat, Real Time Governance(RTG)etc.

**Unit: 3**

Role of Information and Communication Technology in Administration, Elective delivery of Services for public utilities through E-Governance-Online filing of Complaints, application registration, Issuance of certificates, Issuance of Land records, Online payments of fees, dues etc.

**Unit: 4**

E-Governance under Information Technology Act-Legal status for digital Transactions-Public Private partnership and expansion of E-Governance.

**Unit: 5**

E-Governance-Transparency and Accountability at gross root level-Issues and Challenges: Digital Divide, Capacity Building Cyber Security in Cyber Crimes, Socio-Political Implications, Issues of integration, Networking with NGOs.

**Outcomes of the Course:**

After Successful Completion of Value-added Course

- ❖ Relations between the public authorities and civil society
- ❖ The functioning of the public authorities at all stages of the democratic process (electronic democracy)
- ❖ The provision of public services (electronic public services)

**Number of Participants:** 20 Members

  
**Signature of the Coordinator**





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF POLITICAL SCIENCE**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed four week value added course on  
**“E-Governance”** conducted by the Department of Political Science, Ideal College  
of Arts and Science(A), Kakinada, from January and February 2022.

*Babjee P*  
Sri. Babjee Pothuraju  
Resource Person

*K. Swamiji*  
Dr. K. Swamiji  
Coordinator

*T. Satyanarayana*  
Dr. T. Satyanarayana  
Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

6

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(AUTONOMOUS & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
KAKINADA

**NOTICE**

Dt: 21.01.2022

All the II B.Sc. Food Technology students are here by informed that Department of Food science and technology conducting A Four -week value added course on "Food Plant Sanitation" from 1-2-2022 to 9-3-2022.

Interested candidates can register their names with Ms.P.Mounika Course coordinator on or before 28.01.2022.

*T. Subramanyam*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS & SCIENCES**  
(AUTONOMOUS & NAAC B)

**B.Sc Food-Technology**  
**Food Plant Sanitation**  
**Day Wise Course Schedule**

<b>Day</b>	<b>Date</b>	<b>Topic</b>
1	1-2-2022	Introducton to Food Plant Hygiene and sanitation
2	2-2-2022	Waste Disposal methods
3	3-2-2022	control methods using physical, chemical agents
4	4-2-2022	pest and rodent control
5	5-2-2022	ETP design and layout
6	7-2-2022	Food Storage sanitation
7	8-2-200	Transport sanitation
8	9-2-2022	Water sanitation
9	10-2-2022	Byproduct utilization obtained from dairy plant
10	11-2-2022	Byproduct utilization obtained from egg and poultry plant
11	14-2-2022	Byproduct utilization obtained from meat plant
12	15-2-2022	Waste Water treatment.
13	16-2-2022	solid waste treatment.
14	17-2-2022	Waste types
15	18-2-2022	Solid and liquid waste
16	19-2-2022	Characterization, physical, chemical, biological Treatments
17	21-2-2022	Aerobic, anerobic Treatments
18	22-2-2022	Primary secondary and tertiary (Advanced) Treatments
19	23-2-2022	Introduction to Cleaning
20	24-2-2022	Cleaning in- place (CIP) system
21	25-2-2022	Cleaning procedure



22	26-2-2022	Cleaning efficiency
23	28-2-2022	Methods of cleaning in food industry
24	2-3-2022	Cleaning solutions
25	3-3-2022	Detergents
26	4-3-2022	Sanitizers
27	5-3-2022	SIP system
28	7-3-2022	SIP system of dairy plant
29	8-3-2022	Personal hygiene
30	9-3-2022	Personal hygiene in dairy plant

**Prescribed Text Book:** Fundamentals of Food Engineering, Rao, D. G.

*P. Meenu* 26/01/2022  
Signature of the coordinator:

## REGISTRATION FORM

Name of the Student :

Roll No :

Class :

Address for Correspondence:

Mobile Number:

E-mail :

Signature

**"Last date to registration :  
28-01-2022"**

**REGISTRATION FREE  
FOR STUDENTS**



### Coordinator

**Ms.P.Mounika,**  
H.O.D.

Dept. Food Science and Technology  
Ideal College of Arts & Sciences(A),  
Kakinada

### Resource person

**Ms. G.A.S.Bhavani,**  
Assistant Professor

Dept . of Food Science & Technology  
Ideal College of Arts & Sciences(A),  
Kakinada



IDEAL COLLEGE OF ARTS & SCIENCES,  
KAKINADA  
(AUTONOMOUS & NAAC B)

DEPARTMENT  
OF  
FOOD SCIENCE AND TECHNOLOGY

Offering

A FOUR WEEK  
VALUE ADDED COURSE

VALUE ADDED COURSE  
ON  
"FOOD PLANT  
SANITATION"  
(1-2-2022 TO 9-3-2022)

Certificates will be  
provided on successful  
completion of the course

## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V. N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr.P.V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist.

During early seventies Kakinada used to have only two colleges. Student community used to suffer a set-back to upgrade their education even to the level of intermediate. The ideal junior college had been started to cater to the needs of student community. In due course the jr .college flourished into Degree college and P.G courses like M.Sc and Engineering College.

## ABOUT THE DEPARTMENT

The Department of Food Science and Technology introduced in 2019 aims at developing the innate talent of the students to meet the demands of the changing scenerio in health care and food trends.

In Ideal Degree College Food Science is a course which combines Nutrition and Technological aspects of food. The Programme educates on the fundamentals of food science and equips us to apply food technology skills required to build a career in food sector. Students are equipped to take up jobs in the area of patient care in hospitals, fitness centres, Nutritional counsellors ,child development project officers, Food Safety officers, Extensions officers and also in research and development. They also get placed in food industries as production executives quality assurance officers ,food adulteration safety and regulations, Food Safety etc.

### OBJECTIVES OF THE PROGRAM:

The main objective of the program was to know the importance of food plant sanitation and to understand the Different sanitation techniques used in the food industry .

## Topics Covered

30hrs

### Unit-I:

Food Plant Hygiene and sanitation. Waste Disposal, control methods using physical, chemical agents, pest and rodent control; ETP design and layout. Food Storage sanitation, transport sanitation and water sanitation

### Unit-II:

Byproduct utilization obtained from dairy plant, egg and poultry and meat industry. Waste Water and solid waste treatment. Waste types – Solid and liquid waste. Characterization, physical, chemical, biological, aerobic, anerobic, primary secondary and tertiary (Advanced) Treatments.

### Unit-III:

Introduction to Cleaning in- place (CIP) system - cleaning procedure, Cleaning efficiency, Methods of cleaning in food industry, cleaning solutions – Detergents, Sanitizers. SIP system of dairy plant, Personal hygiene in dairy plant.

### COURSE OUTCOMES:

1. Student can able to understand about food industry sanitation
2. Student can able to understand different food sanitizers
3. Student can able to understand different sanitizing techniques



**IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA**

(AUTONOMOUS & NAAC B)

**B.Sc Food Technology**

**Value Added Course**

**Food Plant Sanitation**

**List of Students**

S.No.	Register Number	Name of the Student	signature
1	2200402705	V.Sireesha	V. Sireesha
2	2200402707	A.Venkata dinesh	A. Venkata dinesh
3	2200402708	Md.Rabiya basari	Md. Rabiya basari
4	2200402709	Ch.Lakshmi prasanna	Ch. Lakshmi prasanna
5	2200402710	Md.Muzammil sharif	Md. M. Sharif
6	2200402711	Ch.Hema Shankar	Ch. Hema Shankar
7	2200402712	B.Rujuhitha Narayani	B. Rujuhitha Narayani
8	2200402715	P.S.K.Suhruth	P. S. K. suhruth
9	2200402717	K.Deekshith	K. Deekshith
10	2200402718	P.Rohini	P. Rohini
11	2200402719	M.Manikanta	M. Manikanta
12	2200402720	K.Saketh Varma	K Saketh
13	2200402721	V.Lekhna	V. Lekhna
14	2200402723	P.Manasa	P. manasa
15	2200402724	D.Amrutha Varshini	D.A. Varshini
16	2200402725	K.Saritha	K. saritha
17	2200402726	K.Heavanya devi	Heavanya Devi
18	2200402727	D.Nandeeswari	D. Nandeeswari
19	2200402728	M.Kasi Annapurna	M. Kasi Annapurna
20	2200402729	M.Sathya sri	M. Sathya sri
21	2200402730	P.Durga Tejaswi	P. Durga Tejaswi

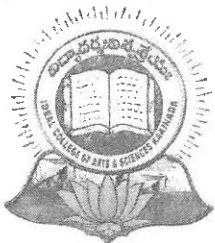
Copy

22	2200402731	N.R.S.Kalyan	
23	2200402737	S.K.Ashok	N.R.S.Kalyan
24	2200402740	D.Sathya Surya Devi	S.Ashok
25	2200402741	K.Sai manasa	D.Sathya-sai K.Saimanasa.









# IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS & NAAC B)

KAKINADA

## VALUE-ADDED COURSE REPORT

A Four-week Value-Added Course on “Food Plant Sanitation”

Organized by Department of Food Science and  
Technology (1-02-2022 to 9-03-2022)

**Resource Person:** Ms. G.A.S. Bhavani,  
Assistant Professor of Food Science and Technology  
Ideal College of Arts & Sciences (A), Kakinada Email.  
mounikafst@idealcollege.edu.in  
Contact Number: 8466899934

**Coordinator :** Ms. P.Mounika,  
H.O.D Food Science and Technology  
Ideal College of Arts & Sciences (A), Kakinada  
Email:hodfst@idealcollege.edu.in  
Contact Number: 9494623797

### OBJECTIVES:

The main objective of the program was to know the importance of food plant sanitation and to understand the Different sanitation techniques used in the food industry.

### **Topics Covered :**

#### UNIT-I

Food Plant Hygiene and sanitation. Waste Disposal, control methods using physical, chemical agents, pest and rodent control; ETP design and layout. Food Storage sanitation, transport sanitation and water sanitation

#### UNIT-II

Byproduct utilization obtained from dairy plant, egg and poultry and meat industry. Waste Water and solid waste treatment. Waste types – Solid and liquid waste. Characterization, physical, chemical, biological, aerobic, anerobic, primary secondary and tertiary (Advanced) Treatments.

#### UNIT-III

Introduction to Cleaning in- place (CIP) system - cleaning procedure, cleaning efficiency,  
Methods of cleaning in food industry, cleaning solutions – Detergents, Sanitizers. SIP system of dairy plant,  
Personal hygiene in dairy plant.

**Outcome of the Course:**

After Successful Completion of Value-added Course

1. Student can able to understand about food industry sanitation
2. Student can able to understand different food sanitizers
3. Student can able to understand different sanitizing techniques

**Number of Participants:** 25 Members

*P. Kumar* 20/01/23.  
**Signature of the coordinator**





**IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC B)  
KAKINADA**

**DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY**

*This is to Certify that Dr./Ms./Mr./Mrs.*

..... from

..... has  
**completed Four week Value-added Course on "Food Plant Sanitation"**  
**Conducted by the Department of Food Science and Technology , Ideal College of  
Arts & Sciences(A), Kakinada, from 1-2-2022 to 9-3-2022**

**MS.G.A.S.BHAVANI  
RESOURCE PERSON**

**MS.P.MOUNIKA  
COURSE COORDINATOR**

**DR.T.SATHYANARAYANA  
PRINCIPAL  
Ideal College of Arts & Sciences (A)  
KAKINADA**

**IDEAL COLLEGE OF ARTS AND  
SCIENCES  
(Autonomous & NAAC B)  
Dr. P.V.N. RAJU  
VIDYAPRANGANAMKAKINADA**

**NOTICE**

Date: 15.01.2022

All the 1st B.Sc. students are here by informed that Department of Artificial Intelligence and Robotics conducting A four week value added course on MS Office tools from 01/02/2022 to 28/02/2022

Interested candidates are register their names with Mr.V.Jeevan kanth (H.O.D of Airtificial Intelligence and Robotics) Course coordinator on or before 29.01.2022.

*T. Subramanya*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS & SCIENCES:**  
**KAKINADA**  
*(Autonomous & NAAC B)*

**B.Sc. Artificial Intelligence and Robotics**  
**MS Office tools**

**Day wise course schedule**

<b>Day</b>	<b>Topic</b>	<b>Date</b>
1	<b>Course Content</b>  <b><u>MS WINDOWS, COMPUTER BASICS</u></b> <ul style="list-style-type: none"><li>• Computer Basic, Creating Folder, Paint</li><li>• Directories, input units, Output unit</li><li>• Central Processing Units,</li><li>• What is hard ware, what is Soft ware</li><li>• Windows short cut keys</li></ul>	01/02/2022
2	<b><u>MS WORD</u></b>  <b>Module 1: Text Basics</b> <ul style="list-style-type: none"><li>• Typing the text, Alignment of text</li><li>• Editing Text: Cut, Copy, Paste, Select All, Clear</li><li>• Find &amp; Replace</li></ul>	02.02.2022
3	<b>Module 2: Text Formatting and saving file</b> <ul style="list-style-type: none"><li>• New, Open, Close, Save, Save As</li><li>• Formatting Text: Font Size, Font Style</li><li>• Font Color, Use the Bold, Italic, and Underline</li><li>• Change the Text Case</li><li>• Line spacing, Paragraph spacing</li><li>• Shading text and paragraph</li></ul>	03.02.2022



	<ul style="list-style-type: none"> <li>• Working with Tabs and Indents</li> </ul>	
4	<p><b>Module 3: Working with Objects</b></p> <ul style="list-style-type: none"> <li>• Shapes, Clipart and Picture, Word Art, Smart Art</li> <li>• Columns and Orderings - To Add Columns to a Document</li> <li>• Change the Order of Objects</li> <li>• Page Number, Date &amp; Time</li> <li>• Inserting Text boxes</li> <li>• Inserting Word art</li> <li>• Inserting symbols</li> <li>• Inserting Chart</li> </ul>	04.02.2022
5	<p><b>Module 4: Header &amp; Footers</b></p> <ul style="list-style-type: none"> <li>• Inserting custom Header and Footer</li> <li>• Inserting objects in the header and footer</li> <li>• Add section break to a document</li> </ul> <p><b>Module 5: Working with bullets and numbered lists</b></p> <ul style="list-style-type: none"> <li>• Multilevel numbering and Bulleting</li> <li>• Creating List</li> <li>• Customizing List style</li> <li>• Page bordering</li> <li>• Page background</li> </ul>	05.02.2022
6	<p><b>Module 6: Tables</b></p> <ul style="list-style-type: none"> <li>• Working with Tables, Table Formatting</li> <li>• Table Styles</li> </ul>	07.02.2022

	<ul style="list-style-type: none"> <li>• Alignment option</li> <li>• Merge and split option</li> </ul>	
7	<p><b>Module 7: Styles and Content</b></p> <ul style="list-style-type: none"> <li>• Using Build- in Styles, Modifying Styles</li> <li>• Creating Styles, Creating a list style</li> <li>• Table of contents and references</li> <li>• Adding internal references</li> <li>• Adding a Footnote</li> <li>• Adding Endnote</li> </ul>	08.02.2022
8	<p><b>Module 8: Merging Documents</b></p> <ul style="list-style-type: none"> <li>• Typing new address list</li> <li>• Importing address list from Excel file</li> <li>• Write and insert field</li> <li>• Merging with outlook contact</li> <li>• Preview Result</li> <li>• Merging to envelopes</li> <li>• Merging to label</li> <li>• Setting rules for merges</li> <li>• Finish &amp; Merge options</li> </ul>	09.02.2022
9	<p><b>Module 9: Sharing and Maintaining Document</b></p> <ul style="list-style-type: none"> <li>• Changing Word Options</li> <li>• Changing the Proofing Tools</li> <li>• Managing Templates</li> <li>• Restricting Document Access</li> <li>• Using Protected View</li> <li>• Working with Templates</li> <li>• Managing Templates</li> <li>• Understanding building blocks</li> </ul>	10.02.2022

10	<p><b>Module 10: Proofing the document</b></p> <ul style="list-style-type: none"> <li>• Check Spelling As You Type.</li> <li>• Mark Grammar Errors As You Type.</li> <li>• Setting AutoCorrect Options</li> </ul> <p><b>Module 11: Printing</b></p> <ul style="list-style-type: none"> <li>• Page Setup, Setting margins</li> <li>• Print Preview, Print</li> </ul>	11.02.2022
11	<p><b><u>MS EXCEL</u></b></p> <p><b>Module 12: Introduction to Excel</b></p> <ul style="list-style-type: none"> <li>• Introduction to Excel interface</li> <li>• Understanding rows and columns, Naming Cells</li> <li>• Working with excel workbook and sheets</li> </ul>	12.02.2022
12	<p><b>Module 13: Formatting excel work book:</b></p> <ul style="list-style-type: none"> <li>• New, Open, Close, Save, Save As</li> <li>• Formatting Text: Font Size, Font Style</li> <li>• Font Color, Use the Bold, Italic, and Underline</li> <li>• Wrap text, Merge and Centre</li> <li>• Currency, Accounting and other formats</li> <li>• Modifying Columns, Rows &amp; Cells</li> </ul>	14.02.2022
13	<p><b>Module 14: Perform Calculations with Functions</b></p> <ul style="list-style-type: none"> <li>• Creating Simple Formulas</li> <li>• Setting up your own formula</li> <li>• Date and Time Functions, Financial Functions</li> <li>• Logical Functions, Lookup and Reference</li> </ul>	15.02.2022



	<ul style="list-style-type: none"> <li>• Functions Mathematical Functions</li> <li>• Statistical Functions, Text Functions.</li> </ul>	
14	<p><b>Module 15: Sort and Filter Data with Excel</b></p> <ul style="list-style-type: none"> <li>• Sort and filtering data</li> <li>• Using number filter, Text filter</li> <li>• Custom filtering</li> <li>• Removing filters from columns</li> <li>• Conditional formatting</li> </ul>	15.02.2022
15	<p><b>Module 16: Create Effective Charts to Present Data Visually</b></p> <ul style="list-style-type: none"> <li>• Inserting Column, Pie chart etc.</li> <li>• Create an effective chart with Chart Tool</li> <li>• Design, Format, and Layout options</li> <li>• Adding chart title</li> <li>• Changing layouts</li> <li>• Chart styles</li> <li>• Editing chart data range</li> <li>• Editing data series</li> <li>• Changing chart</li> </ul>	16.02.2022
16	<p><b>Module 17: Analyze Data Using Pivot Tables and PivotCharts</b></p> <ul style="list-style-type: none"> <li>• Understand PivotTables, Create a PivotTable</li> <li>• Framework Using the PivotTable and PivotChart</li> <li>• Create Pivot Chart from pivot Table.</li> <li>• Inserting slicer</li> <li>• Creating Calculated fields</li> </ul>	17.02.2022
		17.02.2022

17	<p><b>Module 18: Protecting and Sharing the work book</b></p> <ul style="list-style-type: none"> <li>• Protecting a workbook with a password</li> <li>• Allow user to edit ranges</li> <li>• Track changes</li> <li>• Working with Comments</li> </ul> <p>Insert Excel Objects and Charts in Word Document and Power point Presentation</p>	
18	<p><b>Module 19: Use Macros to Automate Tasks</b></p> <ul style="list-style-type: none"> <li>• Creating and Recording Macros</li> <li>• Assigning Macros to the work sheets</li> <li>• Saving Macro enabled workbook</li> </ul>	18.02.2022
19	<p><b>Module 20: Proofing and Printing</b></p> <ul style="list-style-type: none"> <li>• Page setup, Setting print area, Print titles</li> <li>• Inserting custom Header and Footer</li> <li>• Inserting objects in the header and footer</li> <li>• Page Setup, Setting margins, Print Preview, Print</li> <li>• Enable back ground error checking</li> <li>• Setting AutoCorrect Options</li> </ul>	19.02.2022
20	<p><b><u>MS POWERPOINT</u></b></p> <p><b>Module 21: Setting Up PowerPoint Environment:</b></p> <ul style="list-style-type: none"> <li>• New, Open, Close, Save, Save As</li> <li>• Typing the text, Alignment of text</li> <li>• Formatting Text: Font Size, Font Style</li> <li>• Font Color, Use the Bold, Italic, and Underline</li> <li>• Cut, Copy, Paste, Select All, Clear text</li> <li>• Find &amp; Replace</li> <li>• Working with Tabs and Indents</li> </ul>	20.02.2022

21	<b>Module 22: Creating slides and applying themes</b> <ul style="list-style-type: none"> <li>• Inserting new slide</li> <li>• Changing layout of slides</li> <li>• Duplicating slides</li> <li>• Copying and pasting slide</li> <li>• Applying themes to the slide layout</li> <li>• Changing theme color</li> <li>• Slide background</li> <li>• Formatting slide background</li> <li>• Using slide views</li> </ul>	20.02.2022
22	<b>Module 23: Working with bullets and numbering</b> <ul style="list-style-type: none"> <li>• Multilevel numbering and Bulleting</li> <li>• Creating List</li> <li>• Page bordering</li> <li>• Page background</li> <li>• Aligning text</li> <li>• Text directions</li> <li>• Columns option</li> </ul>	21.02.2022
23	<b>Module 24: Working with Objects</b> <ul style="list-style-type: none"> <li>• Shapes, Clipart and Picture, Word Art, SmartArt</li> <li>• Change the Order of Objects</li> <li>• Inserting slide header and footer</li> <li>• Inserting Text boxes</li> <li>• Inserting shapes, using quick styles</li> <li>• Inserting Word art</li> <li>• Inserting symbols</li> <li>• Inserting Chart</li> </ul>	22.02.2022
		23.02.2022



24	<b>Module 25: Hyperlinks and Action Buttons</b> <ul style="list-style-type: none"> <li>• Inserting Hyperlinks and Action Buttons</li> <li>• Edit Hyperlinks and Action Button</li> <li>• Word Art and Shapes</li> </ul>	
25	<b>Module 26: Working With Movies and Sounds</b> <ul style="list-style-type: none"> <li>• Inserting Movie From a Computer File</li> <li>• Inserting Audio file</li> <li>• Audio Video playback and format options</li> <li>• Video options, Adjust options</li> <li>• Reshaping and bordering Video</li> </ul>	24.02.2023
26	<b>Module 27: Using SmartArt and Tables</b> <ul style="list-style-type: none"> <li>• Working with Tables, Table Formatting</li> <li>• Table Styles</li> <li>• Alignment option</li> <li>• Merge and split option</li> </ul> Converting text to smart art	24.02.2023
27	<b>Module 28: Animation and Slide Transition</b> <ul style="list-style-type: none"> <li>• Default Animation, Custom Animation</li> <li>• Modify a Default or Custom Animation</li> <li>• Reorder Animation Using Transitions</li> <li>• Apply a Slide Transition, Modifying a</li> <li>• Transition, Advancing to the Next Slide</li> </ul>	25.02.2023
28	<b>Module 29: Using slide Master</b> <ul style="list-style-type: none"> <li>• Using slide master</li> <li>• Inserting layout option</li> <li>• Creating custom layout</li> <li>• Inserting place holders</li> <li>• Formatting place holders</li> </ul>	26.02.2023
		28.02.2023

29

**Module 30: Slide show option**

- Start slide show
- Start show from the current slide
- Rehearse timing
- Creating custom slide show

**Module 31: Proofing and Printing**

- Check Spelling As You Type
- Setting AutoCorrect Options
- Save as video
- Save as JPEG files
- Save as PowerPoint Show file
- Print Preview, Print

**Prescribed text book: Let us MS Office tools**

– Dr.Rithesh Kumar



**Signature of the coordinator**

## **SYLLABUS:**

- TO LEARN ABOUT BASICS OF COMPUTER
- TO UNDERSTAND DIFFERENT FEATURES
- TO KNOW ABOUT USAGE OF COMPUTER

## **CONTENTS:**

- TO KNOW ABOUT USAGE OF COMPUTER

### **MS WORD**

- MODULE 1: TEXT BASICS
- MODULE 2: TEXT FORMATTING AND SAVING FILE
- MODULE 3: WORKING WITH OBJECTS
- MODULE 4: HEADER & FOOTERS
- MODULE 6: TABLES
- MODULE 7: STYLES AND CONTENT
- MODULE 8: MERGING DOCUMENTS
- MODULE 9: SHARING AND MAINTAINING DOCUMENT

- MODULE 10: PROOFING THE DOCUMENT
- MODULE 11: PRINTING

### **MS EXCEL**

- MODULE 12: INTRODUCTION TO EXCEL
- MODULE 13: FORMATTING EXCEL WORKBOOK:
- MODULE 14: PERFORM CALCULATIONS WITH FUNCTIONS
- MODULE 15: SORT AND FILTER DATA WITH EXCEL
- MODULE 16: CREATE EFFECTIVE CHARTS TO PRESENT DATA VISUALLY
- MODULE 17: ANALYZE DATA USING PIVOT TABLES AND PIVOT CHARTS
- MODULE 18: PROTECTING AND SHARING THE WORK BOOK
- MODULE 19: USE MACROS TO AUTOMATE TASKS
- MODULE 20: PROOFING AND PRINTING MS POWERPOINT

- MODULE 21: SETTING UP POWERPOINT ENVIRONMENT:
- MODULE 22: CREATING SLIDES AND APPLYING THEMES
- MODULE 23: WORKING WITH BULLETS AND NUMBERING
- MODULE 24: WORKING WITH OBJECTS
- MODULE 25: HYPERLINKS AND ACTION BUTTONS
- MODULE 26: WORKING WITH MOVIES AND SOUNDS
- MODULE 27: USING SMARTART AND TABLES
- MODULE 29: USING SLIDE MASTER
- MODULE 30: SLIDE SHOW OPTION
- MODULE 31: PROOFING AND PRINTING



# **DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND ROBOTICS**

## **VALUE ADDED COURSE ON**

## **MS OFFICE TOOLS**



## **RESOURCE PERSON**

**MR.K.MACHARAO**  
ASST.PROFRSSOR IN COMPUTERS

## **CO-ORDINATOR**

**JEEVAN KANTH**

HOD, DEPARTMENT OF AI & ROBOTICS IDEAL  
COLLEGE OF ARTS AND SCIENCE KAKINADA

**CERTIFICATIO  
N WILL BE  
PROVIDED  
AFTER  
COMPLETION  
OF THE  
COURSE.**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 and inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India

Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr P. V .N. Raju, Dr P. ChiranjeeviniKumari, Dr N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju.

The Secretary and Correspondent of the College is Dr. P. ChiranjeeviniKumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned throughout the entire district and created awareness among the parents and students for the immediate necessity of a coeducation Degree College in Kakinada with support from the government. As a result, the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada.

Subsequently, Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District

## ABOUT THE DEPARTMENT

The department of Computer Science was established since 2020.

The faculty members of the department are well experienced in teaching. The Department has a computers lab (for programming practice) as per U.G.C. Guide lines.

The department is maintaining a departmental library with the books of staff members, specimen copies of publishers nearly 150 in number, for the ready reference to students to tackle different methods in practical sessions.

## ABOUT THE COURSE

The **MS Office Tools** course gives a step-by-step approach to mastering the **MS Office Tools** for novices. By studying c in a methodical manner, you may fine-tune your coding abilities and turn your ideas into applications, laying a solid basis for embedded systems and more sophisticated electronics systems.

## REGISTRATION FORM

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

R.No: \_\_\_\_\_

Class: \_\_\_\_\_

ADDRESS FOR CORRESPONDANCE: \_\_\_\_\_

Mobile: \_\_\_\_\_

EMAIL: \_\_\_\_\_

SIGNATURE



## ABOUT THE INSTITUTION

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## ADDRESS FOR CORRESPONDANCE

Mobile: \_\_\_\_\_

EMAIL: \_\_\_\_\_

SIGNATURE





# Ideal College of Arts and Sciences

Autonomous, NAAC-B

Vidyutnagar, Kakinada

Value Added Course enrolment

Value added Course Name: MS office tools (4 weeks)

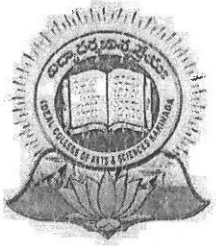
Dates: 11/2/2022 to 28/2/2022

S.No.	Name	Roll Number	Course	Sem/Year	Signature
1.	A. Saketh	2210402301	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	A Saketh
2.	A.Vamsi Van Anil Kumar	2210402302	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	A.V.V/Anil Kumar
3.	B. Hbsimani kanda Rama Prasa	2210402303	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	B. Prasa
4.	T. Omairud	2210402304	BSC AI & Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	T. Omairud
5.	B. Murali	2210402305	B.Sc AI & Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	B. Murali
6.	B.N. Manoran	2210402306	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	B.N.M.
7.	Ch. Jeevan Kumar	2210402307	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	Ch. Jeevan Kumar
8.	G. Ganeshwara Rao	2210402308	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	G. Ganeshwara Rao
9.	J. Roshini	2210402309	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	J. Roshini
10.	K. Ramya	2210402310	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	K. Ramya
11.	K. Surya Prasa	2210402311	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	K. Surya Prasa
12.					
13.	L. Geetha	2210402313	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	L. Geetha
14.	O. Sattibabu	2210402314	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	O. Sattibabu
15.	P. Sri Vinay Kumar	2210402315	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	P. Sri Vinay Kumar
16.	S. Ravi Kiran	2210402316	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	S. R. K.
17.	S.D.M. Subrahmanyam	2210402317	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	S.D.M. Subrahmanyam
18.					
19.	U. Balaram	2210402320	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	U. Balaram
20.	V.N.B. Prasanna	2210402321	AIS Robotics	2 <sup>nd</sup> /1 <sup>st</sup>	V.N.B. Prasanna









IDEAL COLLEGE OF ARTS AND SCIENCES  
(Autonomous & NAAC B)  
KAKINADA  
VALUE-ADDED COURSE REPORT

**A Four-week Value-Added Course on “MS Office Tools”**  
**Organized by Department of**  
**Artificial Intelligence and**  
**Robotics**  
**(01/02/2022 to 28/02/2022)**

**Resource Person:**

**Mr. K. Macharao**

**Assit.professor in computers**

**Ideal College of Arts & Sciences (A),  
Kakinada**

**Email : macharaoideal@gmail.com**

**Contact Number: 8501001658**

**Coordinator**

**:**

**Mr. V. Jeevan Kanth**

**H.O.D Artificial Intelligence  
and Robotics**

**Ideal College of Arts & Sciences (A),  
Kakinada**

**Email.**

**[hodair@idealcollege.edu.in](mailto:hodair@idealcollege.edu.in)**

**Contact Number: 9640419933**



**Objectives:**

- To learn about basics of computer
- To understand different features
- To know about usage of computer

**Course Content****MS WINDOWS, COMPUTER BASICS**

- Computer Basic, Creating Folder, Paint
- Directories, input units, Output unit
- Central Processing Units,
- What is hard ware, what is Soft ware
- Windows short cut keys

**MS WORD****Module 1: Text Basics**

- Typing the text, Alignment of text
- Editing Text: Cut, Copy, Paste, Select All, Clear
- Find & Replace

**Module 2: Text Formatting and saving file**

- New, Open, Close, Save, Savé As
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Change the Text Case
- Line spacing, Paragraph spacing
- Shading text and paragraph
- Working with Tabs and Indents

**Module 3: Working with Objects**

- Shapes, Clipart and Picture, Word Art, Smart Art

- Columns and Orderings - To Add Columns to a Document
- Change the Order of Objects
- Page Number, Date & Time
- Inserting Text boxes
- Inserting Word art
- Inserting symbols
- Inserting Chart

#### **Module 4: Header & Footers**

- Inserting custom Header and Footer
- Inserting objects in the header and footer
- Add section break to a document

#### **Module 5: Working with bullets and numbered lists**

- Multilevel numbering and Bulleting
- Creating List
- Customizing List style
- Page bordering
- Page background

#### **Module 6: Tables**

- Working with Tables, Table Formatting
- Table Styles
- Alignment option
- Merge and split option

#### **Module 7: Styles and Content**

- Using Build- in Styles, Modifying Styles
- Creating Styles, Creating a list style
- Table of contents and references
- Adding internal references
- Adding a Footnote
- Adding Endnote

#### **Module 8: Merging Documents**

- Typing new address list
- Importing address list from Excel file
- Write and insert field
- Merging with outlook contact
- Preview Result
- Merging to envelopes
- Merging to label
- Setting rules for merges
- Finish & Merge options

### **Module 9: Sharing and Maintaining Document**

- Changing Word Options
- Changing the Proofing Tools
- Managing Templates
- Restricting Document Access
- Using Protected View
- Working with Templates
- Managing Templates
- Understanding building blocks

### **Module 10: Proofing the document**

- Check Spelling As You Type.
- Mark Grammar Errors As You Type.
- Setting AutoCorrect Options

### **Module 11: Printing**

- Page Setup, Setting margins
- Print Preview, Print

## **MS EXCEL**

### **Module 12: Introduction to Excel**

- Introduction to Excel interface



- Understanding rows and columns, Naming Cells
- Working with excel workbook and sheets

### **Module 13: Formatting excel work book:**

- New, Open, Close, Save, Save As
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Wrap text, Merge and Centre
- Currency, Accounting and other formats
- Modifying Columns, Rows & Cells

### **Module 14: Perform Calculations with Functions**

- Creating Simple Formulas
- Setting up your own formula
- Date and Time Functions, Financial Functions
- Logical Functions, Lookup and Reference
- Functions Mathematical Functions
- Statistical Functions, Text Functions.

### **Module 15: Sort and Filter Data with Excel**

- Sort and filtering data
- Using number filter, Text filter
- Custom filtering
- Removing filters from columns
- Conditional formatting

### **Module 16: Create Effective Charts to Present Data Visually**

- Inserting Column, Pie chart etc.
- Create an effective chart with Chart Tool
- Design, Format, and Layout options
- Adding chart title
- Changing layouts

- Chart styles
- Editing chart data range
- Editing data series
- Changing chart

### **Module 17: Analyze Data Using Pivot Tables and Pivot Charts**

- Understand PivotTables, Create a PivotTable
- Framework Using the PivotTable and PivotChart
- Create Pivot Chart from pivot Table.
- Inserting slicer
- Creating Calculated fields

### **Module 18: Protecting and Sharing the work book**

- Protecting a workbook with a password
- Allow user to edit ranges
- Track changes
- Working with Comments
- Insert Excel Objects and Charts in Word Document and Power point Presentation.

### **Module 19: Use Macros to Automate Tasks**

- Creating and Recording Macros
- Assigning Macros to the work sheets
- Saving Macro enabled workbook

### **Module 20: Proofing and Printing**

- Page setup, Setting print area, Print titles
- Inserting custom Header and Footer
- Inserting objects in the header and footer
- Page Setup, Setting margins, Print Preview, Print
- Enable back ground error checking
- Setting AutoCorrect Options

## **MS POWERPOINT**

### **Module 21: Setting Up PowerPoint Environment:**

- New, Open, Close, Save, Save As
- Typing the text, Alignment of text
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Cut, Copy, Paste, Select All, Clear text
- Find & Replace
- Working with Tabs and Indents

### **Module 22: Creating slides and applying themes**

- Inserting new slide
- Changing layout of slides
- Duplicating slides
- Copying and pasting slide
- Applying themes to the slide layout
- Changing theme color
- Slide background
- Formatting slide background
- Using slide views

### **Module 23: Working with bullets and numbering**

- Multilevel numbering and Bulleting
- Creating List
- Page bordering
- Page background
- Aligning text
- Text directions
- Columns option

### **Module 24: Working with Objects**

- Shapes, Clipart and Picture, Word Art, SmartArt
- Change the Order of Objects
- Inserting slide header and footer
- Inserting Text boxes



- Inserting shapes, using quick styles
- Inserting Word art
- Inserting symbols
- Inserting Chart

### **Module 25: Hyperlinks and Action Buttons**

- Inserting Hyperlinks and Action Buttons
- Edit Hyperlinks and Action Button
- Word Art and Shapes

### **Module 26: Working With Movies and Sounds**

- Inserting Movie From a Computer File
- Inserting Audio file
- Audio Video playback and format options
- Video options, Adjust options
- Reshaping and bordering Video

### **Module 27: Using SmartArt and Tables**

- Working with Tables, Table Formatting
  - Table Styles
  - Alignment option
  - Merge and split option
- Converting text to smart art

### **Module 28: Animation and Slide Transition**

- Default Animation, Custom Animation
- Modify a Default or Custom Animation
- Reorder Animation Using Transitions
- Apply a Slide Transition, Modifying a
- Transition, Advancing to the Next Slide

### **Module 29: Using slide Master**

- Using slide master

- Inserting layout option
- Creating custom layout
- Inserting place holders
- Formatting place holders

### **Module 30: Slide show option**

- Start slide show
- Start show from the current slide
- Rehearse timing
- Creating custom slide show

### **Module 31: Proofing and Printing**

- Check Spelling As You Type
- Setting AutoCorrect Options
- Save as video
- Save as JPEG files
- Save as PowerPoint Show file
- Print Preview, Print

**No. of participants:16**



**Signature of the coordinator**



# Certificate of Achievement

IDEAL COLLEGE OF ARTS & SCIENCES  
(AUTONOMOUS, NAAC B)  
KAKINADA



DEPARTMENT OF ARTIFICIAL INTELLIGENCE  
AND ROBOTICS

*This is certify that Dr./Mr./Mrs.....from  
.....has completed four weeks value-added course on “MS-Office  
tools” conducted by the department of Artificial intelligence and robotics Ideal  
College of Arts & Sciences(A), KAKINADA from 1st feb 2022 to 28th feb 2022*

**Mr.K.Macharao**  
Resource person

**Mrs.V.Jeevan Kanth**  
co-ordinator

**Dr.T.Satyanarayana**  
Principal



(4)

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

Dt: 20.01.2022

All the II B.B.A(Digital Marketing) students are here by informed that the Department of Management Studies is conducting A Four-week value added course on "Ethics in Management" from February 2022 to March 2022.

Interested candidates are registered their names with Sri V. Kama Raju, H.O.D Management Studies and Course coordinator on or before 28.01.2022.

*T. Sabarwal*  
PRINCIPAL  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS & SCIENCES**  
**(Autonomous & NAAC B)**  
**KAKINADA**

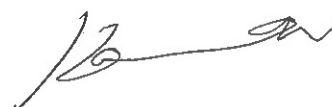
**BBB (Digital Marketing)**  
**“Ethics in Management”**  
**Day Wise Course Schedule**

<b>Day</b>	<b>Date</b>	<b>Topic</b>
1	01-02-22	Meaning of Ethics
2	02-02-22	Definition of Ethics and Business Ethics
3	03-02-22	Introduction to Business Ethics
4	04-02-22	Ethics in Business
5	05-02-22	Types of Ethics
6	07-02-22	Need and Importance of Business Ethics
7	08-02-22	Factors influencing Business Ethics
8	09-02-22	Ethics Vs Morals and Values
9	10-02-22	Moral Standards Vs Standards
10	11-02-22	Ethics of Business Competition Vs Competition
11	14-02-22	Group Discussion
12	15-02-22	Marketing Ethics and Consumer Rights
13	16-02-22	Criticisms of Ethics in Marketing
14	17-02-22	Establishing Ethical Standards
15	18-02-22	Socially Responsible Advertising
16	19-02-22	Ethics in Personal Selling
17	21-02-22	Ethical and Social Issues in Advertising
18	22-02-22	Ethics and Regulations in Pricing
19	23-02-22	Seminar
20	24-02-22	Ethics in HRM
21	25-02-22	Ethics in Production and Operation Management

22	26-02-22	Finance and Ethics
23	28-02-22	Quiz Program
24	02-03-22	Introduction to Ethics in Social Responsibility and Corporate Social Responsibility
25	03-03-22	Managerial Ethics
26	04-03-22	Ethical Decision Making
27	05-03-22	Suggestions for Ethical Decision Making
28	07-03-22	Business Ethics and Technology
29	08-03-22	Codes of Ethics
30	09-03-22	Group Discussion

**Prescribed Text Book:**

**Business Ethics - C.S.V. Murthy**



**Signature of the Coordinator**



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr.P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences , Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.



## IDEAL COLLEGE OF ARTS & SCIENCES

(AUTONOMOUS, NAAC B)

### DEPARTMENT OF MANAGEMENT STUDIES OFFERING

#### A Four week Value-added Course

### Value-added course on "Ethics in Management"

#### Resource Person

**Dr. M Naveen Krishna,**  
Asst. Professor of  
Management Studies,  
Ideal college of Arts & Sciences,  
Kakinada

#### Coordinator

**V Kama Raju,**  
HOD of  
Management Studies,  
Ideal College of Arts &  
Sciences,  
Kakinada

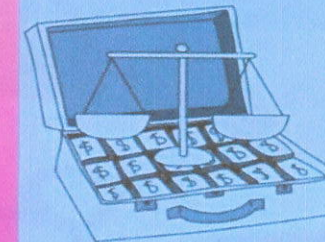
Certificates will be provided on  
successful completion of course

## About the Department

The Department of Management Studies is privileged to build, train and develop future Managers and Entrepreneurs who can contribute to the success of businesses and national wealth. The department is glad to walk an extra mile to enrich our students with wide range of employability skills with the support of a specialized team of in-house & external trainers.

## About the Course

Ethics in management refers to a company's social responsiveness. It is 'the discipline that deals with what is good and evil, or right and wrong, or moral responsibility and duty.' In other words, ethics in management can be defined as a set of moral principles.



### Business Ethics

[biz-nas 'e-thiks]

The moral principles, policies, and values that govern the way businesses and individuals engage in business activity.



# Course Structure & Syllabus

## OBJECTIVES

- To understand the business ethics and to provide best practices of business ethics.
- To learn the values and implement in their careers to become a good manner.

## Outcomes of the course

- Student will be able to understand the business ethics.
- Student will be able to analyse corporation social responsibility.
- Student will be able to analyse the employee conditions and business ethics.

## Prescribed Text Book

Business Ethics -G.S.V. Murthy

## Topics Covered :

### **UNIT - I (8 Hours)**

Introduction to Business ethics, Values, Norms, Beliefs and Standards

### **UNIT - II (10 Hours)**

Ethical aspects in Marketing, HRM, Production and Operation Management and Finance

### **UNIT - III (8 Hours)**

Ethics in social responsibility and Corporate Social Responsibility, Ethics in Decision Making

### **Co-Curricular Activities (4Hours)**

Group Discussion/Quiz/Seminar

## Registration form

Student : .....

Roll No. : .....

Class : .....

Address for

Correspondance : .....

Mobile Number : .....

E-mail : .....

Signature



A photograph showing a hand holding a black marker, writing the words "Business Ethics" in a large, cursive font on a white page of a notebook. The notebook is open on a wooden desk. In the background, a pair of glasses is visible on the left, and a dark, patterned object is on the right. The lighting is warm, suggesting an indoor setting.



# Ideal College of Arts & Sciences(A)

## Kakinada

### Department of Management Studies

### Value Added Course 2021-2022

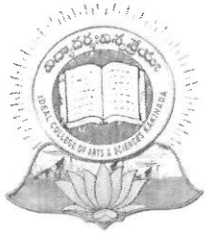
#### List of Students

S.NO.	REG. NO.	STUDENT NAME	SIGNATURE
1	2200403201	OLETI VISHNU	O. Vishnu.
2	2200403202	PALIKA SATISH KUMAR	P. Satish Kumar
3	2200403203	VITTANALA SRIKANTH	V. Srikanth
4	2200403205	KARRI LAXMANA RAO	K. LAXMANA RAO.
5	2200403206	NIDRABANGI SAI	N. Bangi Sai
6	2200403207	KOPPULA HEMANTH KUMAR	K. Hemanth Kumar
7	2200403208	NEMALA ARJUNA RAO	N. Arjun Rao
8	2200403210	RAMSETTI SAI KUMAR	R. Sai Kumar.
9	2200403211	VENNA VEERABABU	V. VEERABABU
10	2200403212	GEDELA VVBANGARUGANI CHANDRAMOULI	G.v.v.B Chandramouli
11	2200403213	VELUGUBANTI VEERABHADRA RAO	V. Veerabhadra Rao.
12	2200403214	PULUGU SANDEEP KUMAR	P. Sandeep Kumar.
13	2200403215	PITLA SREE	P. Sree.
14	2200403216	MULIKI PEDDA APPARAO	P. Sree.
15	2200403217	YELLABOINA BHANODAY	Y. Bhanoday
16	2200403218	RONGALA RAVEENDRA KUMAR	R. Raveendrakumar.
17	2200403219	VANUMU SAI VEERENDRA	V. Sai Veerendra
18	2200403220	DANDUPROLU UMAMAHESH	D. Umamahesh
19	2200403221	CHITTURI VEERABABU	C. Veerababu
20	2200403223	SYED RAZEEQ	S. Razeeq
21	2200403224	SYED SAJID	S. Sajid
22	2200403225	VEERAMREDDY RAJA	V. R. Raja
23	2200403226	NALLA KISHORE	N. Kishore
24	2200403227	GOLLAPALI RAMA SAI SRI MALLIKARJUNA	G. Mallikarjuna
25	2200403228	GOLLAPALI VEERABABU	G. Veerababu
26	2200403229	PITTA PREM SURYA	P. Prem Surya
27	2200403230	AMALAPURAPU SUNIL KUMAR	Sunil Kumar
28	2200403231	KONA KEERTHANA	K. Keerthana
29	2200403233	CHINTHALA ANUSHA	Ch. Anushta
30	2200403234	JAGU LAVANYA	J. Lavanya
31	2200403236	KALINA DURGA PRASAD	K. Durga Prasad
32	2200403237	SATTI DURGA PRADEEP	S. Durga Pradeep
33	2200403238	INTI SAI SATYANARAYANA	I. S. Satyanarayana
34	2200403240	MOHAMMAD RAJIYA	M. Rajya.
35	2200403242	PENUGONDA SWAROOPA	Swaroopa P
36	2200403243	PENUMALLU SUDHAKAR REDDY	P. Sudhakar Reddy
37	2200403244	MADAKAM SYAM CHANDU DORA	M.S. Chandu Dora
38	2200403245	SANAGALA SAI VENKATA NAGA DURGA	S. Sai Venkata Naga Durga.









**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**KAKINADA**

**VALUE-ADDED COURSE REPORT**

**A Four-week Value-Added Course on “Ethics in Management”**  
**Organized by Department of Management Studies**  
**(February 2022 – March 2022)**

**Resource Person:** Sri Naveen Krishna  
Assistant Professor of Management Studies  
Ideal College of Arts & Sciences  
Email.: [motheynaveen@gmail.com](mailto:motheynaveen@gmail.com)  
Contact Number: 80749 59779

**Coordinator :** Sri V. Kama Raju,  
H.O.D Management Studies,  
Ideal College of Arts & Sciences(A), Kakinada  
Email: [hodbba@idealcollege.edu.in](mailto:hodbba@idealcollege.edu.in)  
Contact Number: 94928 28230

**OBJECTIVES:**

- To understand the business ethics and to provide best practices of business ethics.
- To learn the values and implement in their careers to become a good manager.

**Topics Covered:**

**UNIT – I**

Introduction to Business Ethics, Values, Norms, Beliefs and Standards

**UNIT – II**

Ethical aspects in Marketing, HRM, Production and Operation Management and Finance

**UNIT – III**

Ethics in Social Responsibility and Corporate Social Responsibility, Ethics in Decision Making



**Outcome of the Course:**

After Successful Completion of Value-added Course

1. Student will be able to understand the business ethics.
2. Student will be able to analyze corporate social responsibility.
3. Student will be able to analyze the employee conditions and business ethics.

**Number of Participants:** 37 Members



**Signature of the Coordinator**





# IDEAL COLLEGE OF ARTS & SCIENCES

(AUTONOMOUS, NAAC B)

KAKINADA

## DEPARTMENT OF MANAGEMENT STUDIES

This is to certify that Dr./Ms./Mr./Mrs.

.....  
from.....

has completed Four week Value-added Course on

**"Ethics in Management"**

Conducted by the Department of Management Studies,

Ideal college of Arts & Sciences (A), Kakinada,

from February 2022 to March 2022

Dr.M.NAVEEN KRISHNA

RESOURCE PERSON

V. KAMA RAJU

COORDINATOR

T.SATYANARAYANA

PRINCIPAL

Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
*(Autonomous & NAAC B)*  
**Dr. P.V.N. RAJU VIDYAPRANGANAM,**  
**KAKINADA**

**NOTICE**

**Dt: 30.01.2022**

All the III<sup>rd</sup> year B. Voc Sustainable Agriculture students are here by informed that Department of Agriculture is conducting A Four - week value added course on "Basic Gardening" from February 2022 to May 2022.

Interested candidates are register their names with Course Coordinator Ms, **N. Sangeetha**, Assistant Professor, Department of Agriculture on or before 07.02.2023.

*T. Sangeetha*  
**PRINCIPAL**

**Principal**  
**Ideal College of Arts & Sciences (A)**  
**KAKINADA**



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM,

KAKINADA

Department of Agriculture

A Four Week Value Added Course on (Basics Gardening)

## Day Wise Course Schedule

Day	Date	Topic
1	21/02/2022	Introduction to gardening
2	23/02/2022	Potting techniques
3	24/02/2022	Repotting techniques
4	28/02/2022	Plant morphology
5	2/03/2022	Root & shoot system and functions
6	3/03/2022	Practicing of potting and repotting
7	7/03/2022	Practicing of annuals
8	9/03/2022	Identification of annuals
9	10/03/2022	Identification of perennials
10	23/03/2022	Identification of common garden weeds
11	26/03/2022	Identification of insects and gardens
12	28/03/2022	Identification of fungal diseases
13	30/03/2022	Identification of bacterial diseases
14	31/03/2022	Identification of viral diseases
16	26/04/2022	Identification of ornamental pests
17	28/04/2022	Control methods of insects in garden's
18	29/04/2022	Control methods of diseases in garden's
19	2/05/2022	Soil sampling
20	4/05/2022	Soil testing
21	5/05/2022	Determination of soil texture (temp)
22	6/05/2022	Determination of soil texture (pH)
23	7/05/2022	Assignments
24	9/05/2022	Identification of garden tools
25	10/05/2022	Identification of implements
26	19/05/2022	Identification of hedges, shrubs
27	23/05/2022	Identification of edges, climbers
28	24/05/2022	Identification of pergolas, palms
29	25/05/2022	Lawn preparation and plantation of lawn
30	26/05/2022	Management of lawn

*N. Sugantha*

Signature of the Coordinator

## ABOUT THE INSTITUTION:

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V. N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others. The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences , Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.



**IDEAL COLLEGE OF  
ARTS & SCIENCES  
(AUTONOMOUS, NAAC B)**

**DEPARTMENT OF AGRICULTURE  
Offering**

### **A FOUR - WEEK VALUE ADDED COURSE**

**VALUE ADDED COURSE  
ON**

***"Introduction to Basics  
Gardening"***

***(February 2022 – May 2022)***

**Co – Ordinator  
N. Sangeetha  
Assistant Professor  
Ideal college of Arts &  
Sciences, kakinada**

**Resource person  
B. Pavithra  
Assistant Professor & HOD  
Ideal college of Arts &  
Sciences, Kakinada**

**Certificates will be provided on  
successful completion of the course**

## ABOUT THE DEPARTMENT

Department of Agriculture was introduced in the year 2019 with well experienced faculty. Department of Agriculture having unique laboratories with finest equipment, maintaining department library with more number of reference books.

## ABOUT THE COURSE

Basics of gardening is a art of making lawns, parks & gardens techniques and methods of maintenance of public parks, designing of walls, pots, rocks, constructing fountains, birds baths etc., Gardening is also a recreation to humans and increase the heritage of state and central government where gardening adds beauty to the particular places which makes as (Tourist places)





## Course Structure & Syllabus **OBJECTIVES:**

1. The main objective of the program is to know about the basic gardening techniques.
2. To know about the preparation of lawn and management of lawn.

## **COURSE OUTCOMES:**

1. Students got to know about species of Gardening Basics Technique of potting and repotting.
2. Student can experience the Determination of Soil texture properties (temp, pH and texture)
3. Student can experience the Lawn grasses and Plantation of lawn.

### **Prescribed Text Book:**

**BASIC HORTICULTURE – Jitendra Singh**

## **TOPICS COVERED:**

**UNIT – I:** An Introduction to Gardening Basics Technique of potting and repotting, Plant Morphology (root, stem, leaf, inflorescence, flowers, fruits & seeds), Identification of, Annuals, Perennials, Seasonals

**UNIT – II:** Identification of common garden weeds and their control methods, Identification of insect, fungal, bacterial and viral pest of ornamental plants and their control methods, Determination of Soil texture properties (temp, pH and texture)

**UNIT – III:** Identification of Garden tools and Implements, Identification of plants- ground cover plants and bulbous plants, hedge and edge, pergolas, arches, Palms, foliage and flowering Shrubs, foliage and flowering, climbers and ramblers

**UNIT – IV:** Lawn grasses and Plantation of lawn

### **Co – Curricular Activities:**

Seminar/ quiz/ Assignment /Practice

## **REGISTRATION FORM**

**Student:** .....

**Roll No.:** .....

**Class:** .....

**Address for Correspondance:**

.....

.....

.....

.....

**Mobile Number:** .....

**E-mail:** .....



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM,

KAKINADA

Department of Agriculture

Value Added Course

List of Students

IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA  
(Autonomous & NAAC B)

Department of Agriculture

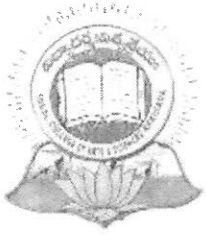
Value Added Course

List of Students

S.No.	Register Number	Name of the Student	signature
1	21941002	C.D.S. RAGHU VAMSI	Raghu Vamsi
2	21941003	C. SIVA BHADRA	Siva bhadra
3	21941004	C PRIYANKA	Priyanka
4	21941005	C BHUVANESWARI	Bhuvaneshwari
5	21941006	C.ARTHI	Arthi
6	21941008	D.OLIVIA SANJANA	Sanjana
7	21941009	D.S.MANVITHA	Manvitha
8	21941010	D.PALLAVI	Pallavi
9	21941011	E.ANUSHA	E. Anusha
10	21941013	G.JAHNAVI	G. Jahnavi
11	21941023	K.UPENDRA	K. Upendra
12	21941025	K SIRISHA	Sirisha
13	21941027	K.HYOTHI	K. Hyothi
14	21941028	A KRISHNA VENI	Krishnaveni
15	21941034	M.VINEELA	Vineela
16	21941037	M.JAHNAVI	Jahnavi
17	21941039	N.VARA PRASAD	N. Vara prasad
18	21941040	N.SYMALA	Symala
19	21941041	P.ALEKHYA	P. Alekhya
20	21941043	P.SANJANA	P. Sanjana
21	21941044	P.V.N.M.N SAI RAJESH	Sai Rajesh
22	21941045	P.HANEELA	Haneela
23	21941046	R.DURGA DEVI	Durga devi
24	21941047	R.KRISHNA TULASI	Krishna tulasi
25	21941048	S.ANUSHA	Anusha
26	21941049	S.BUJJI	S. Bujji
27	21941050	S.NAMARATHA	Namaratha
28	21941051	S.ADEESH ABIHROOP	Abhisroop
29	21941052	V.LAKSHMI PRASANNA	V. Lakshmi prasanra
30	21941053	V.RAJA DEEPTHI	Raja Deepthi







**IDEAL COLLEGE OF ARTS AND SCIENCES**  
*(Autonomous & NAAC B)*  
**Dr. P.V.N. RAJU VIDYAPRANGANAM,**  
**KAKINADA**

**VALUE-ADDED COURSE REPORT**

**A Four - week Value-Added Course on “Basics of Gardening”**  
**Organized by Department Agriculture**  
**(February 2022 to May 2022)**

**Resource Person:** Ms. B. Pavithra  
Head of the Department of Agriculture  
Ideal College of Arts & Sciences(B), Kakinada  
Email: pavitraagri@idealcollege.edu.in  
Contact Number: 8763296346

**Coordinator :** N. Sangeetha  
Assistant Professor Department of Agriculture  
Ideal College of Arts & Sciences(B), Kakinada  
Email: nsangeethaagri@idealcollege.edu.in  
Contact Number: 9591319040

**OBJECTIVES:**

1. The main objective of the program is to know about the basic gardening techniques.
2. To know about the preparation of lawn and management of lawn.

**Topics Covered:**

UNIT – I: An Introduction to Gardening Basics Technique of potting and repotting, Plant Morphology (root, stem, leaf, inflorescence, flowers, fruits & seeds), Identification of, Annuals, Perennials, Seasonals

UNIT – II: Identification of common garden weeds and their control methods, Identification of insect, fungal, bacterial and viral pest of ornamental plants and their control methods, Determination of Soil texture properties (temp, pH and texture)

UNIT – III: Identification of Garden tools and Implements, Identification of plants- ground cover plants and bulbous plants, hedge and edge, pergolas, arches, Palms, foliage and flowering Shrubs, foliage and flowering, climbers and ramblers

UNIT – IV: Lawn grasses and Plantation of lawn

**Co – Curricular Activities:**

Seminar/ quiz/ Assignment /Practice



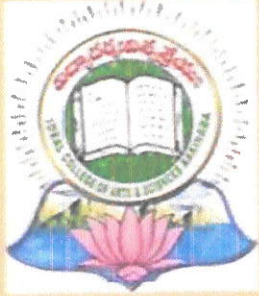
**Outcome of the Course:**

After Successful Completion of Value-added Course

1. Students got to know about species of Gardening Basics Technique of potting and repotting.
2. Student can experience the Determination of Soil texture properties (temp, pH and texture)
3. Student can experience the Lawn grasses and Plantation of lawn.

**Number of Participants:** 30 Members.

*N. Sugeetha*  
Signature of the Coordinator



IDEAL COLLEGE OF ARTS & SCIENCES  
(A.P.GOV'T., AUTONOMOUS, NAAC B)  
KAKINADA  
DEPARTMENT OF AGRICULTURE

This is to certify that Dr./Ms./Mr./Mrs.

..... from

..... has completed Four week Value-added Course on "Basic Gardening"

Conducted by the Department of Agriculture, Ideal College of Arts & Sciences(A), Kakinada, from

February 2022 to May 2022.

*B. Pavithra*

B. Pavithra

Resource Person

*N. Sangeetha*

N. Sangeetha

Coordinator

*T. Satyanarayana*

Dr. T. Satyanarayana

Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(AP. Govt. Aided Autonomous NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**NOTICE**

Dt: 03-02-2022

All the I B.A, B. Com & B. Sc., students are here by informed that Department of English is conducting A four-week value added course on **“CRITICAL READING AND ACADEMIC WRITING”** from February 2022 to March 2022.

Interested candidates are requested to register their names with Sri. K. Naresh Babu, HOD, Department of English on or before 14.02.2022.

*T. Subramanyam*  
**PRINCIPAL**  
Principal  
Ideal College of Arts & Sciences  
KAKINADA



**IDEAL COLLEGE OF ARTS AND SCIENCES**

**(AP. Govt. Aided, Autonomous, NAAC B)**

**Dr. P.V.N. RAJU VIDYAPRANGANAM**

**SAMALKOT ROAD, KAKINADA**

**DEPARTMENT OF ENGLISH**

**Value added Course for the year 2021-2022**

**“CRITICAL READING AND ACADEMIC WRITING”**

**Day Wise Course Schedule**

<b>S.No</b>	<b>Date</b>	<b>Topic</b>
<b>1.</b>	17-02-2022	Definition
<b>2.</b>	18-02-2022	Critical Reading
<b>3.</b>	19-02-2022	Classification
<b>4.</b>	21-02-2022	Importance of reading
<b>5.</b>	22-02-2022	Assignment – I
<b>6.</b>	23-02-2022	Student Seminar
<b>7.</b>	24-02-2022	Academic Writing
<b>8.</b>	25-02-2022	Classification
<b>9.</b>	26-02-2022	Importance of Writing
<b>10.</b>	28-02-2022	Some of the authors writings
<b>11.</b>	02-03-2022	Assignment – II
<b>12.</b>	03-03-2022	How it helps in Writing in Job?
<b>13.</b>	04-03-2022	Practice

14.	05-03-2022	Importance of writing
15.	07-03-2022	Examples
16.	08-03-2022	Student seminar
17.	09-03-2022	Reading
18.	10-03-2022	Assignment – III
19.	11-03-2022	Focus on LSRW
20.	14-03-2022	Listening
21.	15-03-2022	Importance of Listening
22.	16-03-2022	Student seminar
23.	17-03-2022	Reading
24.	19-03-2022	Importance of Reading
25.	21-03-2022	Academic Writing
26.	22-03-2022	Practices
27.	23-03-2022	Examples
28.	24-03-2022	Assignment – IV
29.	25-03-2022	Overall view on Reading and Writing
30.	26-03-2022	Review

  
Signature of the coordinator



## Course Structure & Syllabus

30 hrs.

### OBJECTIVES:

- Help students understand the underlying principles of reading and writing in critical reading and discussions in academic contexts,
- Raise students' awareness of the conventions of academic English including referencing and avoiding plagiarism
- Equip students with strategies necessary for successful written communication in academic, professional, and workplace settings and provide practical orientation to produce

### COURSEOUTCOMES:

- An original piece of writing.
- Enable students to understand and retain information from reading passages.
- Write academic essays using critical analysis and argument.

### Module I 10 hours

Understanding Reading and Writing: Becoming a critical reader and self-critical writer purpose of reading and writing; features of academic writing; types of academic writing. characteristics of critical reading; importance of critical reading in the writing process active reading and thinking strategies

### Module II 10 hours

Developing Reading: Types of texts; different strategies for different purposes noticing surface features to predict content, skimming the text to get a quick overview, identifying key points, note-making; relating new knowledge to prior knowledge, finding patterns and connections with other readings, considering alternative viewpoints, fact opinion and inference; structures of arguments; using reading lists.

### Module III 10 hours

Developing Writing: Understanding the elements of writing; interesting and incisive thesis-sufficiently limited in scope; logical and progressive structure strong links between points coherent, well-organized paragraphs; sufficient and appropriate evidences to support thesis, insightful analysis - more than summary or paraphrase, well-chosen sources quoted/cited correctly; diction level and style appropriate to audience.



IDEAL COLLEGE OF ARTS AND  
SCIENCES

Autonomous & NAAC B

DEPARTMENT OF English  
OFFERING

A FOUR WEEK VALUE ADDED COURSE

ON

“CRITICAL READING AND ACADEMIC WRITING”

(February 2022 - March 2022)

Coordinator

Sri.K Naresh Babu  
HOD, English  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: nareshkumar123 @gmail.com  
Contact Number: 9866031348

Resource Person

Sri.U.Nani Babu  
Assistant Professor of English  
Ideal College of Arts and  
Sciences(A), Kakinada  
E-mail Id: nanieng5@gmail.com  
Contact Number: 9848807795

Certificates will be provided on successful  
completion of the courses



## ABOUT THE INSTITUTION

The Ideal College of Arts and Sciences(A), Kakinada was established as Junior College in 1970 inaugurated by the then Chief Minister of Andhra Pradesh and former Prime Minister of India Sri P. V. Narasimha Rao. With the constant efforts of the founder members, a group of Intellectuals, Educationists and patriots like Dr. Col. D. S. Raju, a close associate of Netaji Subhash Chandra Bose and Jawaharlal Nehru, the former Prime Minister of India, Dr. P. V .N. Raju, Dr. P. Chiranjeevini Kumari, Dr. N. S. R. Sastry and others.

The College was formed by the Education Society, Kakinada through the education policy adopted by the State Government under the Chairmanship of Dr. P. V. N. Raju. The Secretary and Correspondent of the College is Dr. P. Chiranjeevini Kumari a renowned educationist, scholar and famous writer in Telugu Literature under whose guidance and administration the College has been flourishing year after year. The Governing Body members of the College campaigned the entire district and created awareness among the parents and students for the immediate necessity of co-education Degree College in Kakinada with the support from the government. As a result, the Ideal Degree College was established and the College now caters to the educational needs of youth around 25 Villages including the town Kakinada. Subsequently Ideal Degree College was renamed as Ideal College of Arts & Sciences, Kakinada. The Ideal College of Arts and Sciences was established in 1974 with a spacious buildings and land of about 14 acres running in two campuses. It has the proud privilege of being accredited by NAAC and Autonomy as the first Private Aided College in the District.

### About the Department

The Department of English was started in 1974.It enjoys the experience of the able and dedicated faculty and benevolent leadership of the stalwart academicians. English Department Have Integrates Skill Development, LSRW skills, communication skills, employ ability skills and soft skills with a shared focus on promoting human values, environmental ethics, self-awareness, social responsibility, national consciousness and global outlook through carefully selected inspirational literary texts and service oriented programs.

## About the Course

English Language is a channel of expression and communication. It places a pivotal role in the personality of an individual. Language is important because it's one of the main ways to communicate and interact with other people around us. It keeps us in contact with other people. English language is an example for the importance of a language because it is the international language and has become the most important language to people in many parts of the world. It is most widely used in communicating around the world, Also it is spoken as the first language in many countries. English is playing a major role in many sections like medicine, engineering and business. There are many reasons that makes English is the most important language in the world.

## REGISTRATION FORM

Name of the Student : \_\_\_\_\_

Roll No : \_\_\_\_\_

Class : \_\_\_\_\_

Address for

Correspondence : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile Number : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature

# IDEAL COLLEGE OF ARTS AND SCIENCES

(AP. Govt. Aided, Autonomous, NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

SAMALKOT ROAD, KAKINADA

## DEPARTMENT OF ENGLISH

Value added Course for the year 2021-2022

"Critical Reading and Academic Writing"

S.No	Roll Number	Name of the Student	Signature
1.	2210401001	ANANTH POTTUMURTHI	P. Ananth
2.	2210401002	ANJALI NADIPALLI	N. ANJALI
3.	2210401003	APARANJITHA THOTADA	T. Aparanjitha
4.	2210401004	BABU NARAYANA REDDY PALLALA	P. Babu narayana
5.	2210401005	DURGA VARA PRASAD PARAMATA	P.P.V. Prasad.
6.	2210401006	ESWARARAO MALLADI	M. ESWARARAO
7.	2210401007	GOPALA KRISHNA REDDY SADALA	S.G. Krishna
8.	2210401008	HINDU PRIYA DALAYI	D. hindu priya
9.	2210401009	JEEVANA JYOTHI KUDAKALA	J.S. kudakala
10.	2210401010	KARTHIK YALAMASETTI	Karthik Yalamasetti
11.	2210401011	LAKSHMI KEERTHI DASARI	Lakshmi devi
12.	2210401012	MANOJ MIRIYALA	Manoj Miriyala
13.	2210401013	NAGA LAKSHMI VEMULAPUDI	Naga Lakshmi
14.	2210401014	NAGA RAJU GANDIKOTA	Naga Raju. G
15.	2210401015	NAIDU ALAMANDA	A. Naidu
16.	2210401016	NANIBABU BHIPELLI	N. BHIPELLI
17.	2210401017	PAVAN KRISHNA MURTHY YARRAMNEEDI	Y. Pavan
18.	2210401018	RAMBABU NAMA	RAMBABU.N
19.	2210401019	RAMU BURI	Ramu Buri
20.	2210401020	RAVI KUKKALA	R. Ravi
21.	2210403301	ACHUTHA DURGA PRASAD JALAGADUGULA	J.N.P. Prasad

22.	2210403302	ANUSHA ADABALA	A. Anusha
23	2210403303	BABY BHARGAVI DAKAMURI	D. Baby Bhargavi
24	2210403304	DURGA PRASAD BEESETTI	Durga
25	2210403305	DURGA PRASAD TELAGAREDDY	T. Durgaprasad
26	2210403306	EMMANUEL GOPU	E. Gopu.
27	2210403307	GANGADHAR BHEEMIREDDI	B. Gangadhar
28	2210403308	HARISH PEKETI	P. Harish
29	2210403310	KARTHIK KUMAR VARA	V. Karthik Kumar
30	2210403311	KASI VISWANATH ILLAPU	V. Kasi
31	2210403312	KOKILA KATTAMURI	Kokila
32	2210403313	KRISHNA SURYA PUPPALA	P. Krishna Surya
33	2210403314	LEELA SATYA MANIKANTA MAKIREDDI	M. Manikanta
34	2210403101	SAI KUMAR GIDUTHURI	Sai Kumar
35	2210403102	SAI MAHESH KOTAMSETTI	K. Sai Mahesh
36	2210403103	SAI RAVI KUMAR KAMIREDDI	K. Sai Ravi Kumar
37	2210403104	SANDEEP KUMAR PRATHIPATI	P.S. Kumar
38	2210403105	SANDEEP SAGAR PETLA	Y. Sandeep
39	2210403106	SANDEEP YARRAMSETTI	Y. Sandeep
40	2210403107	SANTHOSH BABU POTTI	P. Santhosh Babu
41	2210403108	SATEESH MEDIBOINA	M. Satish
42	2210403109	SATISH MAKKA	M. Satish
43	2210403110	SATISH PULAPAKURA	P. Satish
44	2210403111	SATYANARAYANA BARNIMKULA	B. Satyanarayana
45	2210403021	GOPI CHOKKA	C. Gopu
46	2210403022	JAYAPRAKASH GEDDADA	Jayaprakash
47	2210403023	JYOTHI NOOKA RATNAM GANDIKOTA	G. J. Nooka Ratnam
48	2210403024	JYOTHI SURAMPUDI	J. Jyothi
49	2210403025	KARTHIKA RAJU BOMMITHI	B. Karthika Raju
50	2210403026	KARUNA KUMAR VANKA	V. Karuna Kumar





**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(AP. Govt. Aided Autonomous NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**A four-week Value-added Course on**  
**“CRITICAL READING AND ACADEMIC WRITING”**  
**organized by Department of English.**  
**(February – 2022 – March - 2022)**

**Topics: -**

**Unit 1**

Understanding Reading and Writing: Becoming a critical reader and self-critical writer purpose of reading and writing; features of academic writing; types of academic writing. characteristics of critical reading; importance of critical reading in the writing process active reading and thinking strategies

**Unit II**

Developing Reading: Types of texts; different strategies for different purposes noticing surface features to predict content, skimming the text to get a quick overview, identifying key points, note-making; relating new knowledge to prior knowledge, finding patterns and connections with other readings, considering alternative viewpoints, fact opinion and inference; structures of arguments; using reading lists.

**Unit III**

Developing Writing: Understanding the elements of writing; interesting and incisive thesis-sufficiently limited in scope; logical and progressive structure strong links between points coherent, well-organized paragraphs; sufficient and

appropriate evidences to support thesis, insightful analysis - more than summary or paraphrase, well-chosen sources quoted/cited correctly; diction level and style appropriate to audience

### **Suggested Reading/ Reference Books**

1. Barnet, Sylvan and William E. Cain. *A Short Guide to Writing about Literature*. 10<sup>th</sup> Ed Boston: Pearson, 2006,
- 2 Barnet. Sylvan, Patricia Bellanca and Martha Stubbs. *A Short Guide to College Writing* 5th Upper Saddle River, NJ: Pearson, 2012.
3. Elbow, Peter. *Writing Without Teachers*. New York: Oxford University Press, 1973.
4. Elbow, Peter. *Embracing Contraries: Explorations in Learning and Teaching*.



**IDEAL COLLEGE OF ARTS AND SCIENCES  
(AP. Govt. Aided Autonomous NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM  
KAKINADA**

**VALUE ADDED COURSE REPORT**

**A four-week Value-added Course on**

**“CRITICAL READING AND ACADEMIC WRITING”  
organized by Department of English.**

**(February 2022 – March 2022)**

**Resource Person** : Sri.U.Nani Babu  
Assistant Professor of English  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: nanieng5@gmail.com  
Contact Number: 9848807795

**Coordinator** : Sri.K Naresh Babu  
HOD, English  
Ideal College of Arts and Sciences(A),  
Kakinada  
E-mail Id: nareshkumar123@gmail.com  
Contact Number: 9866031348

**Course Objectives: -**

1. Help students understand the underlying principles of reading and writing in critical reading and discussions in academic contexts,
2. Raise students' awareness of the conventions of academic English including referencing and avoiding plagiarism
3. Equip students with strategies necessary for successful written communication in academic, professional, and workplace settings and provide practical orientation to produce
4. An original piece of writing.
5. Enable students to understand and retain information from reading passages.
6. Write academic essays using critical analysis and argument.



## **Unit 1**

Understanding Reading and Writing: Becoming a critical reader and self-critical writer purpose of reading and writing; features of academic writing; types of academic writing. characteristics of critical reading; importance of critical reading in the writing process active reading and thinking strategies

## **Unit II**

Developing Reading: Types of texts; different strategies for different purposes noticing surface features to predict content, skimming the text to get a quick overview, identifying key points, note-making; relating new knowledge to prior knowledge, finding patterns and connections with other readings, considering alternative viewpoints, fact opinion and inference; structures of arguments; using reading lists.

## **Unit III**

Developing Writing: Understanding the elements of writing; interesting and incisive thesis-sufficiently limited in scope; logical and progressive structure strong links between points coherent, well-organized paragraphs; sufficient and appropriate evidences to support thesis, insightful analysis - more than summary or paraphrase, well-chosen sources quoted/cited correctly; diction level and style appropriate to audience

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- 2 Barnet. Sylvan, Patricia Bellanca and Martha Stubbs. A Short Guide to College Writing 5th Upper Saddle River, NJ: Pearson, 2012.
3. Elbow, Peter. Writing Without Teachers. New York: Oxford University Press, 1973.
4. Elbow, Peter. Embracing Contraries: Explorations in Learning and Teaching.

**Outcomes of the Course:**

After Successful Completion of Value-added Course

1. Student will be able to differentiate the mechanism involved in plant physiology and growth.
2. Student will be able to categorize Plants based on growth, morphology and taxonomic characteristics.
3. Student will be able to design landscape projects and install landscape Plants.

**Number of Participants: 50 Members**

  
Signature of the Coordinator

సం. \_\_\_\_\_  
 సంవత్సరము \_\_\_\_\_

# Pupils Attendance Register

# పిల్లల హాజరుపట్టి

రోజుల సంఖ్య \_\_\_\_\_  
 వగటు హాజరు \_\_\_\_\_

తరగతి \_\_\_\_\_  
 పిల్లన్ \_\_\_\_\_

1	2	3	4	5																															6	7	8	9
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
అధ్యాపక సంఖ్య	సం.	పేరు	పేరు	సం.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1.	1.	Ananth Pottumurthy			P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
2.	2.	Aryali NadiPalli			A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
3.	3.	Aparanjitha Thotada			P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
4.	4.	Babu Narayana Reddy.P			P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
5.	5.	Durga vara Prasad . P			A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
6.	6.	Eswara Rao malladi			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
7.	7.	Gopala Krishna Reddi.S			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
8.	8.	Hiradhu Praya .D			A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
9.	9.	Jeevana Jyothi.K			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
10.	10.	Karthik . Y			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
11.	11.	Lakshmi Keerthi .D			P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
12.	12.	manj .M.			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
13.	13.	raga lakshmi .V.			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
14.	14.	raga Raju .G.			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
15.	15.	vidu Alamanda			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
16.	16.	varibabu Bhipelli.			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
17.	17.	Palan Krishna murthy.Y			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
18.	18.	Rambabu nama			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
19.	19.	Ramu Buni			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
20.	20.	Ravi Kulkala.			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
21.	21.	Achutha Durga Prasad .S			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
22.	22.	Anusha Adabala			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
23.	23.	Raby Chergali .D			P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
24.	24.	Durga Prasad .B			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
25.	25.	Durga Prasad .T			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
26.	26.	Emmanuel .G			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
27.	27.	Gangadhar .B.			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
28.	28.	Harish .P			P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
29.	29.	Karthik Kumar .V			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
30.	30.	Koti Virevanth .D			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
		ఉదయము హాజరు : బాలురు <input type="checkbox"/> బాలికలు <input type="checkbox"/>																																				
		ఉపాధ్యాయుని సంకేతం.																																				
		పాఠశాల హాజరు : బాలురు <input type="checkbox"/> బాలికలు <input type="checkbox"/>																																				
		ఉపాధ్యాయుని సంకేతం.																																				

పాఠశాల పనిచేసిన దినములు

క్లర్ దేవర్  ఛార్జ్ మాస్టరు



# Pupils Attendance Register

పిల్లల హాజరుపట్టి

కేసు నెంబర్  
పాఠశాల నెంబర్

తేదీ  
సం.

సం.	పేరు	మే 2024												తరగతి		గమనిక		
		1	2	3	4	5	6	7	8	9	10	11	12	పాఠశాల	సం.			
1	Bojila Kallamuri	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P		
2	Chaitanya Suresh P.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
3	Devi Sathya narayana M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
4	Sai Kumar .G.	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P		
5	Sai Mahesh .K.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
6	Sai ravi Kumar .K.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
7	Sandeep Kumar .P.	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P		
8	Sandeep Sagar .P.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
9	Sandeep .Y.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
10	Sathish Babu .P.	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P		
11	Sathish Madhukrishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
12	Sathish mokha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
13	Sathish Pooja lakshmi	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P		
14	Sathyanarayana .B.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
15	Sri Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
16	Surya Prakash .G.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
17	Surya Lakshmi Sathyanarayana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
18	Surya Lakshmi Sathyanarayana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
19	Karthik Sai .B.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
20	Karuna Kumari .V.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		

అధ్యక్షుడు పేరు : లాల్లు  లాల్లు   
 ఉపాధ్యక్షుడు పేరు :  
 నియంత్రణ పేరు : లాల్లు  లాల్లు   
 ఉపాధ్యక్షుడు పేరు :

పాఠశాల పేరు

తరగతి పేరు  
 తేదీ




**IDEAL COLLEGE OF ARTS AND SCIENCES**  
(Autonomous & NAAC B)  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**KAKINADA**

**DEPARTMENT OF ENGLISH**

**CERTIFICATE**

This is to certify that Mr./Ms./Mrs. \_\_\_\_\_

From \_\_\_\_\_ has completed four week value added course on  
**“Critical Reading and Academic Writing”** conducted by the Department of English,  
Ideal College of Arts and Science(A), Kakinada, from February 2022 to March 2022.

  
Sri U. Nani Babu  
Resource Person

  
Sri K. Naresh Babu  
Coordinator

  
Dr. T. Satyanarayana  
Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA

**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**Samalkot Road, KAKINADA**

**Notice**

**Dt. 20-02-2022**

It is here by informed that the Department of Computer Science is organizing a four week Value Added Course on **RDBMS - MS-Access** from 1-03-2022 to 31-03-2022. Therefore the interested candidates are requested to register their names with Sri K. Machara Rao, Lecturer in Computer Science for Value Added Course RDBMS - MS-Access on or before 28-02-2022.

*T. Subramanyam*  
**PRINCIPAL**  
**Principal**  
**Ideal College of Arts & Sciences (A)**  
**KAKINADA**



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
**(Autonomous & NAAC B)**  
**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**Samalkot Road, KAKINADA**

**Department of Computer Science**

**A Four Week Value Added Course on RDBMS - MS-Access**

**Day wise Course Schedule**

Day	Date	Topic
1	1-3-2022	----- Mahasivaratri -----
2	2-3-2022	Introduction to Data, Information, Database
3	3-3-2022	Database Management System
4	4-3-2022	Database Management System
5	5-3-2022	Introduction to MS-Access,
6	6-3-2022	----- Sunday -----
7	7-3-2022	Components of MS-Access
8	8-3-2022	Definition of Table and Relations.
9	9-3-2022	Creation- Starting Access, Creating Tables
10	10-3-2022	Views of the Tables,
11	11-3-2022	Tool Bars Editing the design
12	12-3-2022	Contents of the Tables,
13	13-3-2022	----- Sunday -----
14	14-3-2022	Primary Key definition
15	15-3-2022	Secondary Key definition
16	16-3-2022	Foreign Key definition
17	17-3-2022	Creating Relationship between Tables
18	18-3-2022	----- Holi -----
19	19-3-2022	Adding OLE object to a Table
20	20-3-2022	----- Sunday -----
21	21-3-2022	Import and Export specialty
22	22-3-2022	Query handling – Definition
23	23-3-2022	Queries on Tables,
24	24-3-2022	Relation between multiple Tables
25	25-3-2022	RDBMS Queries.
26	26-3-2022	Creating Forms for data entry work,
27	27-3-2022	----- Sunday -----
28	28-3-2022	Validation of Records,
29	29-3-2022	Generating Reports
30	30-3-2022	Theory Examination
31	31-3-2022	Lab Examination

  
Signature of the Coordinator

### About the Course

Microsoft Access is a **Database** Management System from Micro-Soft that combines the Relational Access Database engine with a graphical user interface and software development tools. It is a **member** of the Micro-Soft 365 suite of applications.

### REGISTRATION FORMAT

Name of the Student : \_\_\_\_\_

Roll No. : \_\_\_\_\_

Class : \_\_\_\_\_

Address for Correspondence : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile No. : \_\_\_\_\_

E-mail : \_\_\_\_\_

Signature



**IDEAL COLLEGE OF ARTS AND SCIENCES**

(Autonomous & NAAC B)  
Dr. P.V.N. RAJU VIDYAPRANGANAM  
Sanzalkot Road, KAKINADA

**Department of Computer Science  
Offering**

**VALUE ADDED COURSE**

**ON**

**RDBMS - MS-Access**

**(01-Mar-2022 – 31-Mar-2022)**

**Coordinator**  
**Sri K. Machar Rao**  
**Lecture in Computer Science**

**Resource person**  
**Sri M.A. Sayeed**  
**H.O.D., Dept. of**  
**Computer Science**

*Certificates will be provided on successful completion of the course*



## RDBMS – MS-Access Syllabus

### Unit-I

Introduction to Data, Information, Database and Database Management System, Introduction to MS-Access, Components of MS-Access and definition of Table and Relations.

### Unit-II

Creation- Starting Access, Creating Tables, Views of the Tables, Tool Bars Editing the **design** and **contents** of the Tables, Primary Key, Secondary Key and Foreign Key definitions

### Unit-III

Creating Relationship between Tables, Adding OLE object to a Table and use of Import and Export specialty, Query handling – Definition, Queries on Tables, Relation between multiple Tables and RDBMS Queries.

### Unit-IV

Creating Forms for data entry work, Validation of Records, Generating Reports

### Prescribed Text Book:

- Micro-Soft Office 2000 by Rebecca J. Fiala, Jeff Grisenthwaite, Mara Reid, Karl Schwartz and Cathyvesecky - BPB Publications
- PC-SOFTWARE by Gurvinder Singh, Rachpal Singh, Kalvani Publishers.

## About the Institution

Ideal College of Arts & Sciences(A) is the first Aided College in the district with Autonomy and NAAC accredited. The College has been recognized for its services by AP State Government, AP State Council for Higher Education, Andhra University, UGC, AICTE New Delhi and various prestigious institutions. The Ideal College of Arts & Sciences (A), Kakinada have all the core subjects like Mathematics, Physics, Chemistry, Botany, Zoology, B.A., B.Com., B.Voc. like Computer Sciences, Software Development, AI& Robotics, BBA Digital Marketing, Agriculture, Food Technology . As per the demands of the market, we have skill oriented courses and absorbed the courses in the relevant subjects.

## About Department

Department of Computer Science is established in the year of 1987 for the first time in the State at B.Sc. level. The department is running with full strength from the last 34 years successfully. The department has engaged several projects funded by UGC. In spite of the global crisis the department students were able to get placements in the reputed companies. The strength of the departments is its dedicated, experienced, hardworking and highly qualified staff. Faculty members are engaged in research work and publishing their work in the Conferences held at National and International level.



# IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC 'B')

Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road, KAKINADA

## Department of Computer Science

Value Added Course for the year 2021-2022

RDBMS - MS-Access

S NO.	ROLL NO	NAME OF THE STUDENT	SIGNATURE
1	2210402201	ADHILAKSHIMI CHEDALA	C. Adhila Chedala
2	2210402203	AISWARYA KARRI	* Aiswarya
3	2210402205	ANJI VEMANA	A. Vemana
4	2210402207	CHANDINI MOHAMMAD	Chandini
5	2210402210	DURGA GUDUPI	G. Durga
6	2210402212	DURGAPRASAD KOPANATHI	Durgaprasad K. Kopanathi
7	2210402213	GANGA NEELIMA YALLA	G. Neelima Yalla
8	2210402216	HEMALATHA PEPAKAYALA	P. Hemalatha
9	2210402217	ISHWARYA JERE	J. Ishwarya
10	2210402220	MADHU SRINIVASU JERRIPOTHULA	J. M. Srinivasu
11	2210402221	MURALI KESARAPU	K. Murali
12	2210402222	PRASANNA KANCHI	Prasanna Kanchi
13	2210402223	RAMA LAKSHMI YELAMARTHI	R. Lakshmi Yelamarti
14	2210402226	SAI VENKATA NOOKA RAJU THUMMALA	T. S. V. Nookaraju
15	2210402228	SATYAM MORTHA	M. Satyam
16	2210402230	SIVA NAKKA	* Siva
17	2210402231	SOMYA GANESH MEESALA	M. Somya
18	2210402232	SUBHADRA DEVI AKULA	S. Subhadra Devi Akula
19	2210402234	SURYA PRAKASH DAGGU	S. Surya Prakash Daggu
20	2210402237	SWAMY JALLIGAMPALA	J. Swamy
21	2210402241	VENKATA RAMANA KOTHA	K. Venkata Ramana
22	2210402243	VENUGOPAL SWAMY MEDISETTI	M. Venugopal Swamy
23	2210402244	VIJAY SAI SHANKAR GARAGA	S. Vijay Sai Shankar
24	2210402245	YASWANTHI SADI	S. Yashwanthi



Pupils Attendance Register

పిల్లల హాజరుపట్టి

నెం. March  
సంవత్సరము 2022

రోజుల సంఖ్య \_\_\_\_\_  
సగటు హాజరు \_\_\_\_\_

1		2		3		4		5													6															
అధ్యాపక సంఖ్య	నెం.	పేరు	కొలము	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	హాజరు చేసిన రోజులు	పూర్తి
22104022	01	Ch. Arhilakshmi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
203		K. Aniswarya		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
205		V. Anji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
207		Mohammad Chandini		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
210		G. Durga		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
212		K. Durga Prasad		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
213		Y. Grishya Neelima		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
216		P. Hemalatha		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
217		J. Ishwarya		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
220		J. Madhu Srinivasa		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
221		K. Murali		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
222		K. Prasanna		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
223		Y. Rama Lakshmi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
226		T. S. V. Nandha Raju		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
229		M. Satyamu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
230		N. Siva		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
231		M. Soniya Ganesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
232		A. Subhadra Devi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
234		D. Surya Prakash		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
237		J. Saadamy		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
241		K. Venkata Ramana		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
243		M. Venugopal Sarany		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
244		G. Vijay Sai Shankar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
245		S. Yaswanth		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
				M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	

అధ్యాపకుడు పేరు: అక్షయ లక్ష్మి

అధ్యాపకుని పేరు

విద్యార్థుల సంఖ్య: 31

అధ్యాపకుని పేరు

సకల విద్యార్థుల పేర్లు



**IDEAL COLLEGE OF ARTS AND SCIENCES**  
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**Dr. P.V.N. RAJU VIDYAPRANGANAM**  
**Samalkot Road, KAKINADA**

Value Added Course Report

A Four-Week value Added Course on “RDBMS – MS-Access”

Organized by Department of Computer Science

(01-Mar-2022 to 31-Mar-2022)

Resource Person :   Name: Sri M.A.Sayeed  
                          Designation: Head of the Dept. of Computer Science  
                          Department : Computer Science  
                          College: Ideal College of Arts and Sciences (A)  
                          Contact Number: 96031 72801  
                          Mail ID: mabdulsayeedshajahan@gmail.com

Coordinator   :   Name: K.Machar Rao  
                          Designation: Lecturer in Computer Science  
                          Department : Computer Science  
                          College: Ideal College of Arts and Sciences (A)  
                          Contact Number: 85010 01658  
                          Mail ID: macharaoideal@gmail.com

Objectives:

It is designed help its users connect with Micro-Soft Databases at the back-end and help them manage and store their data efficiently. It is useful to many enterprises to manage their databases

It supports different types of objects like tables, forms, reports, queries, macros and modules.

Unit-I

Introduction to Data, Information, Database and Database Management System, Introduction to MS-Access, Components of MS-Access and definition of Table and Relations.

Unit-II

Creation- Starting Access, Creating Tables, Views of the Tables, Tool Bars Editing the design and contents of the Tables, Primary Key, Secondary Key and Foreign Key definitions



Unit-III

Creating Relationship between Tables, Adding OLE object to a Table and use of Import and Export specialty, Query handling – Definition, Queries on Tables, Relation between multiple Tables and RDBMS Queries.

Unit-IV

Creating Forms for data entry work, Validation of Records, Generating Reports

Outcomes of the Course:

Students after successful completion of the value added course will be able to

CO1: Design simple and complex databases with related tables.

CO2: Manage the data in a Table and query a database using different methods..

CO3: Design a form and generate a report with the feature of Import and Export data.

Number of participants: 24

  
Signature of the Coordinator



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KAKINADA

DEPARTMENT OF COMPUTER SCIENCE

## CERTIFICATE

This is to certify that Ms./Mrs. \_\_\_\_\_

Has successfully completed four week value added course on "RDBMS – MS-Access"  
organized by the Department of Computer Science, Ideal College of Arts and  
Science (A), Kakinada, from 1-Mar-2022 to 31-Mar-2022.

He / She secured grade \_\_\_\_\_

*M.A. Sayeed*  
Sri M.A. Sayeed  
Resource Person

*Sri K. Machar Rao*  
Sri K. Machar Rao  
Coordinator

*T. S. Satyanarayana*  
Dr. T. Satyanarayana  
Principal  
Principal  
Ideal College of Arts & Sciences (A)  
KAKINADA