

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 2022-2023

S. No	Name of the Course	Date	Department	Number of Participation
1	A Four Week Value Added Course on Fishery Products	13.06.2022 to 19.07.2022	Fisheries Aquaculture	34
2	A Four week value added course on post harvest technology	28.10.2022 to 13.12.2022	Sustainable Agriculture and agriculture	30
3	A Four week value added course on Investment Management	14.11.2022 to 20.12.2022	Management Studies	33
4	A Six Week Value Added Course on Introduction to Geogebra	29.11.2022 to 05.01.2023	Maths	20
5	A Four Week Value Added Course on Methodology and perspective of Zoology	01.12.2022 to 31.01.2023	zoology	113
6	A Four Week value added course on Effective Utilization of Bio waste for production of vermicompost	02.12.2022 to 21.02.2023	Agriculture	30
7	A Six week value added course on Local Administration	12.12.2022 to 30.01.2023	Political Science	20
8	A Four Week Value Added Course on Handling of Reagents	12.12.2022 to 29.01.2023	Chemistry	23
9	A Six Week Value Added Course on Indian Cultural and Science	12.12.2022 to 29.01.2023	History	20
10	A Six Week Value Added Course on Applications of Physics in Earth Science	02.01.2023 to 14.02.2023	Physics	30
11	A Four Week Value Added Course on Introduction of coding for App Development by using Scratch Programming	02.01.2023 to 11.02.2023	Computer Science	28
12	A Three Week Value Added Course on Miniature Gardens - Gardening in limited space	03.01.2023 to 08.02.2023	Botany	30
13	A Four Week Value Added Course on Introduction to Mathematics	03.01.2023 to 08.02.2023	Economics	14

S. No	Name of the Course	Date	Department	Number of Participation
14	A Four Week Value Added Course on Personality Development	09.01.2023 to 20.02.2023	English	50
15	A Four Week Value Added Course on MS Office Tools	17.01.2023 to 18.02.2023	AI Robotics	16
16	A Four Week Value Added Course on General Informatic, Bio informatic and Molecular Biology	01.02.2023 to 14.04.2023	zoology	64
17	A Four Week Value Added Course on UNIX operating System	01.04.2023 to 30.04.2023	Computer Science	24
18	A Four Week Value Added Course on Photoshop	06.02.2023 to 15.03.2023	BBA	23
19	A Six Week Value Added Course on Financial Services	14.03.2023 to 20.04.2023	Commerce	57
20	A Two Week Value Added Course on Food Quality and Analysis	23.03.2023 to 11.04.2023	Food Science & Technology	32
21	A Five Week Value Added Course on Bharateeya Bhashalu	31.03.2023 to 10.05.2023	Telugu	30
22	A Four week value added course on Embedded C	01.04.2023 to 30.04.2023	AI Robotics	17
23	A Three Week Value Added Course on Vermicomposting	27.04.2023 to 13.06.2023	Fisheries Aquaculture	37



IQAC Coordinator

CO-ORDINATOR
IQAC
Ideal College of Arts & Sciences (A)
KAKINADA



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: 01.06.2022

All the I B.Voc students are here by informed that Department of Fisheries and Aquaculture conducting A Four Week value added course on “Value Added Fishery Products” from June 2022 to July 2022.

Interested candidates are register their names with Sri P.V. Lovaraju H O D of Fisheries & Aquaculture, and Course coordinator on or before 10.06.2023.

T. Subramanyam

PRINCIPAL

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

Course Structure & Syllabus

30hr

Objectives:

Increasing the value of the fishery product.

Course Outcomes

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.

UNIT I: TRADITIONAL FISHING PRODUCTS (5hr)

Fish and Prawn Pickles, Fish sauce, Fish Paste. Eg: Fish sausage, Surimi, Cakes, Noodles etc.,

UNIT II: EXTRUDED AND DIVERSIFIED PRODUCTS (10hr)

Diversified fish Products, battered and breaded products, fish fingers,

fish cutlet, fish wafers, fish soup powder etc.,

UNIT III: FISH BY-PRODUCTS & FISH WASTE UTILIZATION (10hr)

Fish Meal, Fish Oils(body & liver), Fish Silage, Shark Leather, Fish glue, Fish gelatine, Isinglass, sharkfin rays, pearl essence.

IDEAL COLLEGE OF ARTS AND SCIENCES



(AUTONOMOUS, NAAC B)

DEPARTMENT OF FISHERIES AND AQUACULTURE

Offering

A FOUR WEEK VALUE ADDED COURSE ON

VALUE ADDED FISHERY PRODUCTS

Resource person

Dr.S.Jagan Mohan
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 Value added fishery products is not totally new. Value added fish products are usually perceived to be those that have added ingredients such as a coating or sauce. The basic benefits of value addition as far as food is concerned include the functional and emotional benefits related to quality and nutrition and high sensory appeal at reasonable coast. The advantage of course finds a ways of better utilization of low –value fish species and providing protein rich convenience foods.

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

A Four Week value added course on “Value Added Fishery Products”

Day wise course schedule

Day	Date	Topic
1	13-06-2022	Introduction to Fishery Products
2	14-06-2022	Fish and Prawn Pickles
3	15-06-2022	Preparation of Pickles
4	16-06-2022	Fish Sauce
5	17-06-2022	Fish paste
6	18-06-2022	Assignment
7	20-06-2022	Diversified Fish Products
8	21-06-2022	Battered Products
9	22-06-2022	Breaded Products
10	23-06-2022	Test
11	24-06-2022	Fish fingers
12	25-06-2022	Fish and Prawn Cutlet
13	27-06-2022	Fish wafers
14	28-06-2022	Fish Soup Powders
15	29-06-2022	Assignment
16	30-06-2022	Preparation of Fish Cutlets
17	01-07-2022	Fish meal
18	02-07-2022	Seminars
19	04-07-2022	Fish Meal
20	05-07-2022	Fish oils
21	06-07-2022	Fish silage

22	07-07-2022	Test
23	08-07-2022	Leathers Products
24	09-07-2022	Fish glue
25	11-07-2022	Fish gelatin
26	12-07-2022	Seminars
27	13-07-2022	Isinglass
28	14-07-2022	Pearl essence
29	18-07-2022	Assignment
30	19-07-2022	Test


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

Value Added Course 2021-2022

List of Students

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	2210401401	B RAMPRASAD	B. Ramprasad
2	2210401402	CH.GOPIKA PRIYA	Ch. Gopika priya
3	2210401403	CH.TEJAMANO HAR REDDY	Ch. T. Manohar reddy
4	2210401404	D.KALYANI	D. kalyani
5	2210401409	G.PAVAN	G. pavan
6	2210401410	G.SURYA BHARGAVI	G. surya bhargavi
7	2210401411	G.SRI RATNA SASI KUMAR	G. Sri ratna sasi kumar K. Naveen kumar
8	2210401412	K.NAVEEN KUMAR	K. naveen kumar
9	2210401413	M.MAHENDRA BABU	M. mahendra babu
10	2210401414	M.DINESH	M. uma mahesh.
11	2210401415	M.UMA MAHESH	M.uma mahesh
12	2210401416	N.ASHOK	N. Ashok.
13	2210401417	P.CHINMAYI SRI	P. Chinmayi Sri
14	2210401418	P.VIGNESH	P. vignesh
15	2210401419	P.VAMSI KISHORE	P. vamsi kishore
16	2210401420	R.VEERENDHRA CHARAN	R. veerendhra charan
17	2210401422	S.ZAMFER AHAMED	S. zamfer ahamed
18	2210401423	M.SURI BABU	M. suri babu
19	2210401424	I.SANDEEP	I. sandeep

20	2210401425	U.HEMANTI	Hemanti
21	22120401426	V.RAMA KRISHNA	Ramesha
22	22120401427	A.VENKATA RAMANA	Venkat
23	2210401301	B.SAI CHANDU	Chandu
24	2210401302	B.RAM SIVA	B.Rama Siva
25	2210401303	CIL.KANCHANA	Chanchana
26	2210401304	CIL.SRAVANI	Ch. Sravani
27	2210401305	D.RAMAKRISHNA	Ramakrishna
28	2210401306	K.KONDALA RAO	Kondala Rao
29	2210401307	K.FLAVYA	Flavya
30	2210401308	K SATYANARAYANA	Satyanarayana
31	2210401311	N.DINESH	N.Dinesh
32	2210401313	R.SATYA RAMAKRISHNA	Satya Ramakrishna
33	2210401316	V.PRASANNA KUMAR	Prasanna Kumar
34	2210401317	V.SURENDRA BABU	Surenendra Babu
35	2210401318	B.SRI KAVYA	Sri Kavya
36	2210401322	R.ABHINAY	Abhinay


SIGNATURE OF THE CLASS TEACHER


SIGNATURE OF THE HOD



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 “Value added Fishery Products”
Organized by Department of Fisheries and Aquaculture (June 2022–July 2022)

Resource Person : Sri Dr.S.Jagan Mohan
Assistant Professor of Fisheries and Aquaculture
Ideal College of Arts & Sciences, Kakinada.
E-mail: hodfisheries@idealcollege.edu.in
Contact Number: 9908950894

Coordinator : Sri P.V.Lovaraju,
HOD of Fisheries and Aquaculture
Ideal College of Arts & Sciences, Kakinada
E-mail: hodfisheries@idealcollege.edu.in
Contact Number: 8919567363

OBJECTIVES:

Increasing the value of the fishery product.

Topics Covered :

UNIT I: TRADITIONAL FISHING PRODUCTS

Fish and Prawn Pickles, Fish sauce, Fish Paste. Eg: Fish sausage, Surimi, Cakes, Noodles etc.,

UNIT II: EXTRUDED AND DIVERSIFIED PRODUCTS

Diversified fish Products, battered and breaded products, fish fingers, fishcutlet, fish wafers, fish soup powder etc.

UNIT III: FISH BY-PRODUCTS & FISH WASTE UTILIZATION

Fish Meal, Fish Oils(body & liver), Fish Silage, Shark Leather, Fish glue, Fish gelatine, Isinglass, shark fin rays, pearl essence.

UNIT III: FISH BY-PRODUCTS & FISH WASTE UTILIZATION

Fish Meal, Fish Oils(body & liver), Fish Silage, Shark Leather, Fish glue, Fish gelatine, Isinglass, shark fin rays, pearl essence.

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: 34 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 “Value Added Fishery Products” Conducted by the Department of
Fisheries and Aquaculture, Ideal College of Arts & sciences(B), Kakinada from
June 2022 to July 2022.


Dr.S.Jagan Mohan
Resource Person


P.V.Lovaraju
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: 17.10.2022

All the IInd year B. Voc Sustainable Agriculture and Agriculture students are here by informed that Department of Agriculture is conducting A Four - week value added course on "Post - Harvest Technology" from October 2022 to December 2022.

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

25.10.2022.

T. Sabharwal
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 "Post - Harvest Technology"

Day Wise Course Schedule

Day	Date	Topic
1	28/10/2022	Importance of fruit and vegetable preservation in india
2	29/10/2022	Post harvest losses
3	31/10/2022	Principles of food preservation
4	01/11/2022	Establishment of processing units
5	04/11/2022	Preservatives
6	05/11/2022	Classification of preservatives
7	07/11/2022	Canning
8	09/11/2022	Bottling
9	10/11/2022	Preservation by sugar
10	11/11/2022	Preparation of jam and jelly
11	14/11/2022	Preparation of ketch up and souce
12	15/11/2022	Preservation by salt
13	16/11/2022	Preparation of pickle
14	18/11/2022	Preparation of chutney
15	21/11/2022	Food spoilage
16	22/11/2022	Food poisoning
17	28/11/2022	Food pipeline
18	29/11/2022	Drying
19	30/11/2022	Dehydration
20	01/12/2022	Freezing
21	02/12/2022	Extraction of neera
22	03/12/2022	Seminar
23	05/12/2022	Rubber extraction
24	06/12/2022	Types of tea
25	07/12/2022	Assignment
26	08/12/2022	Processing of tea
27	09/12/2022	Cold storages
28	10/12/2022	Processing of coffee
29	12/12/2022	Shelf life of fruit and vegetable products
30	13/12/2022	Marketing



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**

***“Post - Harvest
Technology”***

October 2022 to December 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

Post-harvest technology teaches about preservation, of fruit and vegetable products processing unit establishment and preservation of value added products, and also about the extraction methods of plantation crops and marketing.



Course Structure & Syllabus

OBJECTIVES:

1. The know about processing of fruits & vegetables
2. To know about the preservation of fruits & vegetables products.
3. Marketing of post harvest products.

COURSE OUTCOMES:

1. Students got to know about the processing, preservations on drying, canning, bottling and dehydration.
2. Students got to know about the spoilage and food poisoning.

3. Prescribed Text Book:

Post harvest management and value addition of fruits and vegetables – Kartik Pramanik

TOPICS COVERED:

Unit-1: Importance and Scope of fruit and Vegetable Preservation in India. Food Pipeline: Losses on Post harvest System General principles and methods of food preservation, Unit Operations in food Processing. Principles and Guidelines for the establishment of processing units. Preservation by using Chemicals

Unit-2: Canning and bottling of fruit and Vegetables Fruit juice and Beverages. Preservation by using Sugar: Jams, Jellies, Marmalades, Preserves, Candies and Crystallised fruits

Unit-3: Drying of fruits and Vegetables. Preservation with Salt and Vinegar: Pickles, Chutney and Sauces Tomato and Mushroom Products.

Unit-4: Freezing of fruits and Vegetables, Spoilage of Processed Products, Processing of Plantation Crops. Quality of fresh and Processed Products.

Co – Curricular Activities:

Seminar/ quiz/ Assignment /Practice

REGISTRATION FORM

Student:

Roll No.:

Class:

Address for Correspondance:

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.....

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Mobile Number:

E-mail:

IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(Autonomous & NAAC B)

Department of Agriculture

Value Added Course

List of Students

s.no	Roll number	name	signature
1.	2210401205	JJYOTHI	J. Jyothi
2.	2210401207	K-VINEELA	K. vineela
3.	2210401211	N. HARNIKA SAI SRI MANIMALA	N. Harnika
4.	2210401212	S. RAVI KUMAR REDDY	S. Ravi Kumar
5.	2210401215	S. V. S. S. R. L. BHUVANESWARI DEVI	S. Bhuvaneshwari RVM
6.	2210401217	V. SUNEEL	V. Suneel
7.	2210401218	G-TARUN SHIVA KUMAR	G. Tarun Kumar
8.	2210401101	B-PAVITHRA	B. Pavithra
9.	2210401102	B-MARUTHY RAVI KIRAN	B. Maruthy Ravi Kiran
10.	2210401103	CH SANDEEP KUMAR REDDY	Ch. Sandeep Kumar Reddy
11.	2210401104	CH-NAVYA SASI	ch. S. N. Sasi
12.	2210401105	D-RAMARAO	Rama Rao
13.	2210401106	D-NAVEEN	Naveen
14.	2210401107	G SUBRAHMANYAM	G. Subrahmanyam
15.	2210401108	I-MANIKANTA MOUNIKA	I. Manikanta
16.	2210401109	K. S. S. S. S. VARSHINI	K. S. S. S. S. Varshini
17.	2210401110	M-SANTOSH KUMAR	M. Santosh Kumar
18.	2210401111	M-ARJUN KUMAR	M. Arjun Kumar
19.	2210401112	M-SAI VEERENDHRA	M. Sai Veerendra
20.	2210401113	M-POOJA	M. Pooja
21.	2210401114	N-POOJITHA	N. Poojitha
22.	2210401115	P-KAMALA KUMARI	P. Kamalakumari
23.	2210401116	P-KALYANI	P. Kalyani
24.	2210401117	S-SHADEEP	S. Shadeep
25.	2210401119	T-SRI PRIYA	T. Sri Priya
26.	2210401120	T-SAKETH VARMA	T. Saketh Varma
27.	2210401121	V V D PRASAD	V. V. D. Prasad
28.	2210401122	V-PURNIMA DURGA	V. Purnima
29.	2210401123	Y-KUSA RAJU	Y. Kusa Raju
30.	2210401124	Y-VAISHNAVI	Y. Vaishnavi



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 “Post - Harvest Technology”

Organized by Department Agriculture

October 2022 to December 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. Mounica

Assistant Professor Department of Agriculture

Ideal College of Arts & Sciences(B), Kakinada

Email: mounicaagri@idealcollege.edu.in

Contact Number: 8125733980

OBJECTIVES:

1. The know about processing of fruits & vegetables
2. To know about the preservation of fruits & vegetables products.
3. Marketing of post - harvest products.

Topics Covered:

Unit-1: Importance and Scope of fruit and Vegetable Preservation in India. Food Pipeline: Losses on Post harvest System General principles and methods of food preservation, Unit Operations in food Processing. Principles and Guidelines for the establishment of processing units. Preservation by using Chemicals

Unit-2: Canning and bottling of fruit and Vegetables

Fruit juice and Beverages. Preservation by using Sugar: Jams, Jellies, Marmalades, Preserves, Candies and Crystallised fruits

Unit-3: Drying of fruits and Vegetables. Preservation with Salt and Vinegar: Pickles, Chutney and Sauces Tomato and Mushroom Products.

Unit-4: Freezing of fruits and Vegetables, Spoilage of Processed Products, Processing of Plantation Crops. Quality of fresh and Processed Products.

Co – Curricular Activities:

Seminar/ quiz/ Assignment /Practice

COURSE OUTCOMES:

1. Students got to know about the processing, preservations on drying, canning, bottling and dehydration.
2. Students got to know about the spoilage and food poisoning.

Number of Participants: 30 Members



Signature of the Coordinator



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

DEPARTMENT OF AGRICULTURE

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

from

has completed Four week Value - added Course

“Post - Harvest Technology”

*Conducted by the Department of Agriculture,
Ideal College of Arts & Sciences, Kakinada,
from October 2022 to December 2022*

B. Pavithra
Ms. B. Pavithra
Resource Person

Mounica
Sri N. Mounica
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: 31.10.2022

All the II B.B.A(Digital Marketing) students are hereby informed that the Department of Management Studies is conducting A Four-week value added course on "Investment Management" from November 2022 to December 2022.

Interested candidates are registered their names with Sri V. Kama Raju, H.O.D Management Studies and Course coordinator on or before 10.11.2022.

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

IDEAL COLLEGE OF ARTS & SCIENCES

(Autonomous & NAAC B)

KAKINADA

BBB (Digital Marketing)

“Investment Management”

Day Wise Course Schedule

Day	Date	Topic
1	14-11-22	Introduction to Investment
2	15-11-22	Financial and Economic meaning of Investment
3	16-11-22	Investment and Speculation
4	17-11-22	Investment and Gambling
5	18-11-22	Importance of Investment
6	19-11-22	Seminar
7	22-11-22	Factors Favorable for Investment
8	23-11-22	Features of an Investment Program
9	24-11-22	The Investment Process
10	25-11-22	Group Discussion
11	26-11-22	Growth of Financial System in India
12	28-11-22	Financial Markets
13	29-11-22	Important Stock Markets in India
14	01-12-22	Quiz Program
15	02-12-22	Commercial Banks
16	03-12-22	Development Banks
17	05-12-22	The Relationship of the New Issue Market and Stock Exchange
18	06-12-22	Role of New Issue Market
19	07-12-22	Seminar
20	08-12-22	Development in the New Issue Market
21	09-12-22	Development in the Stock Market
22	10-12-22	Quiz Program
23	12-12-22	Market Indices
24	13-12-22	SENSEX
25	14-12-22	Calculation of SENSEX
26	15-12-22	NIFTY
27	16-12-22	Calculation of NIFTY
28	17-12-22	Introduction to Security Exchange Board of India
29	19-12-22	SEBI Rules and Regulations
30	20-12-22	Group Discussion

Prescribed Text Book

Investment Management -Dr. Preeti Singh


Signature of the Coordinator

Course Structure & Syllabus

30hrs

Objectives

- To enable the students to grasp the basic knowledge in investments.
- To educate the students with the knowledge of stock markets.
- To enable the students for taking important investment decisions.

Outcomes of the course

After Successful Completion of Value-added Course:

1. Student will be able to understand the various investment alternatives.
2. Student will be able to understand the financial markets.
3. Student will be able to understand various factors favorable for investment.

Syllabus

UNIT- 1 (8hrs)

Introduction to Investment, Financial and Economic Meaning, Process, Importance, Features, Speculation, Gambling

UNIT -2 (8HRS)

Financial Institutions and Markets in India – Financial System, Financial Markets, Financial Institutions

UNIT-3 (8hrs)

New Issue Market and Stock Exchange in India, Security Exchange Board of India

Co-curricular Activities (6hrs)

Group Discussions/Quiz/ Seminar



IDEAL COLLEGE OF ARTS & SCIENCES

(AUTONOMOUS NAAC B)

KAKINADA

**DEPARTMENT OF MANAGEMENT STUDIES
OFFERING**

A Four week Value-added Course

**Value-added course
on
"INVESTMENT
Management"**



Resource Person

Mrs.M. Sasi Rekha

Assistant Professor of Management Studies
IDEAL COLLEGE OF ARTS AND SCIENCES
KAKINADA

Coordinator

Sri V. Kama Raju

HOD, Management Studies
IDEAL COLLEGE OF ARTS AND SCIENCES
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 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

Investment management refers to the handling of financial assets and other investments—not only buying and selling them. Management includes devising a short- or long-term strategy for acquiring and disposing of portfolio holdings. It can also include banking, budgeting, and tax services and duties, as well.



Investment Management

[in-vest(u)-ment 'ma-nij-mant]

The handling of financial assets and other investments by professionals for clients.

Registration form

Name:

Roll Number:

Class :

Address for Correspondence :

Mobile No. :

E-mail :

Signature

**Ideal College of Arts and Sciences,
Kakinada**

Department of Management Studies

Value Added Course 2022-2023

List of Students

S.NO	ROLL NUMBER	STUDENTNAME	SIGNATURE
1	2210403201	ALAPATI VENKATESH	
2	2210403202	ANUSURI MADHAN GOPALA KRISHNA	A.N.M. KRISHNA
3	2210403203	BONAGIRI RAJA	B. Raja
4	2210403204	CHALLA PREM KUMAR	C. Prem Kumar
5	2210403205	CHESETTI ASHOK KUMAR	C.A. Kumar
6	2210403207	DASARI JHANSI	D. Jhansi
7	2210403208	DHARMADI ANIL	D. Anil
8	2210403209	DONDAPATI AKHIL	P. Akhil
9	2210403211	KANDULA RUSHENDRA	K. RUSHENDRA
10	2210403212	KARRI BALAGOVARDHAN REDDY	K. B. Reddy
11	2210403214	KARUPOTHU NAGENDRA BABU	K. N. Babu
12	2210403215	KATURI RAJU	K. Raju
13	2210403216	KOMARADA RAJESH	Komarada Rajesh
14	2210403218	KONTHALA DURGA PRASAD	K. D. Prasad
15	2210403219	KOYYANI LAKSHMI PRASANNA	K. L. Prasanma
16	2210403220	KUNCHE SANJEEV	K. Sanjeev
17	2210403221	KURUPUDI AJAY KUMAR	K. Ajay
18	2210403222	MANDAPALLI VIKAS	M. Vikas
19	2210403224	MOHAMMAD ANWAR ALI	M. ANWAR
20	2210403225	NAKKA LAKSHMAN	N. Lakshman
21	2210403227	NANDIKOLLA VENU GOPAL	N. Gopal
22	2210403228	NARAM YOGESWARA RAO	N. Yogeswar
23	2210403229	NUTHALAPATI RAJU	N. RAJU
24	2210403230	PALANI BHAGYA RATNAM	P. Bhagharatnam
25	2210403231	PENUMALLU RAMCHARAN REDDY	P. Reddy
26	2210403232	PYLA VENKATA DURGA AJAY	P.V. D. Ajay
27	2210403233	RAYUDU SRI KRISHNA PRIYA	R.S.K. Priya
28	2210403234	SAPPA SAIKUMAR	S. SAIKUMAR
29	2210403235	TADI BHARGAVA SIDDHARDHA	T. B. Siddhartha
30	2210403236	THIRUKKOVALLURI SATYA SAI MANIKANTA	T.A.S. S. Manikanta
31	2210403238	VAMMI VENKATARAMANA	V. V. Ramana
32	2210403239	VASAMSETTI VIJAYA VAMSI	V. V. Vasavamsi
33	2210403240	VULLURI BHAGYASRI	V. Bhagyasri
34	2210403241	YAKALA RAMA	Y. Rama



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

VALUE-ADDED COURSE REPORT

A Four-week Value-Added Course on

“Investment Management”

Organized by Department of Management Studies
(November 2022 – December 2022)

Resource Person: Mrs. M Sasi Rekha
Assistant Professor of Management Studies
Ideal College of Arts & Sciences
Email.: sasirekhabba@idealcollege.edu.in
Contact Number: 9010753242

Coordinator : Sri V. Kama Raju,
H.O.D Management Studies,
Ideal College of Arts & Sciences(A), Kakinada
Email: hodbba@idealcollege.edu.in
Contact Number: 94928 28230

OBJECTIVES:

To enable the students to grasp the basic knowledge in investments.

To educate the students with the knowledge of stock markets.

To enable the students for taking important investment decisions.

Topics Covered :

UNIT – I

Introduction to Investment, Financial and Economic Meaning, Process, Importance, Features, Speculation, Gambling

UNIT – II

Financial Institutions and Markets in India – Financial System, Financial Markets, Financial Institutions

UNIT – III

New Issue Market and Stock Exchange in India, Security Exchange Board of India

Outcome of the Course:

After Successful Completion of Value-added Course

1. Student will be able to understand the various investment alternatives.
2. Student will be able to understand the financial markets.
3. Student will be able to understand various factors favorable for investment.

Number of Participants: 33 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

"INVESTMENT MANAGEMENT"

Conducted by the Department of Management Studies,
Ideal college of Arts & Sciences (A), Kakinada,
from November 2022 to December 2022

M. Sasi Rekha
M. SASI REKHA
RESOURCE PERSON

V. Kama Raju
V. KAMA RAJU
COORDINATOR

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
KAKINADA

NOTICE

Dt: 06.10.2022

All the I B.Sc., students are hereby informed that Department of Mathematics is conducting A Six-week value added course on "Introduction to GeoGebra" from November 2022 to December 2022.

Interested candidates are requested to register their names with Sri D.P.S Kiran, H O D Mathematics and Course coordinator on or before 24.10.2022.

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

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

B.Sc. MATHEMATICS

Introduction to GeoGebra

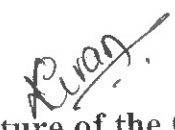
Day Wise Course Schedule

Day	Date	Topic
1.	29-11-2022	Installation and Introduction of GeoGebra
2.	30-11-2022	Basic Use of tools
3.	01-12-2022	Drawing versus Geometric Construction
4.	02-12-2022	Saving GeoGebra files, drawing constructions and Drag Test
5.	03-12-2022	Practice
6.	05-12-2022	Rectangle construction, Equilateral Triangle Construction
7.	06-12-2022	Practice Block-I
8.	07-12-2022	Assignment
9.	08-12-2022	Basic Algebraic Input, Commands and functions
10.	09-12-2022	Constructing Tangents to a circle
11.	10-12-2022	Exploring Parameters of a Quadratic Polynomial
12.	12-12-2022	Using Sliders to Modify Parameters, Library of Functions
13.	13-12-2022	Export of Pictures to the Clipboard
14.	14-12-2022	Inserting Pictures into a Text Processing Document
15.	15-12-2022	Practice Block II

16.	16-12-2022	Conduct Quiz Competition
17.	17-12-2022	Inserting Pictures into the Graphics View & Inserting Text into the Graphics View
18.	19-12-2022	Coordinates of Reflected Points and Rotation of a Polygon
19.	20-12-2022	Practice Block III
20.	21-12-2022	Combining Spread sheet View Graphics View
21.	26-12-2022	Record of spreadsheet and Relative copy and linear equations
22.	27-12-2022	Best fit line and exploring basic statistics, Creating Static Instructional Materials
23.	28-12-2022	Assignment
24.	29-12-2022	Creating Dynamic Worksheets, Saving Pictures as Files
25.	30-12-2022	Student Seminar
26.	31-12-2022	Inserting Pictures into a Text Processing Document
27.	02-01-2023	Creating Dynamic Worksheets
28.	03-01-2023	Enhancing Dynamic Worksheets, Providing Dynamic Worksheets to Students
29.	04-01-2023	Practice Block IV
30.	05-01-2023	Assignment

Prescribed Text Book:

Introduction to Geogebra - Judith and Markus Hohenwarter


Signature of the Coordinator

Course Structure & Syllabus

30 hrs

OBJECTIVES:

The main objective of the program is to know the importance of GeoGebra for creating 3D pictures and to understand the basic capabilities of GeoGebra.

COURSE OUTCOMES:

1. Student can able to visualize 3D pictures
2. GeoGebra gives the experience of constructivist learning of Solid geometry
3. Student can perceive drawing the graphs using technology

UNIT – I (6 Hours)

Installation and Introduction of GeoGebra, Drawing versus Geometric Construction, Practice Block-I, Basic Algebraic Input

UNIT – II (6 Hours)

Commands and Functions Export of Pictures to the Clipboard , Practice Block II

UNIT – III (6 Hours)

Inserting Pictures into the Graphics View, Inserting Text into the Graphics View, Practice Block III

UNIT – IV (6 Hours)

Combining Spread sheet View & Graphics View , Creating Static Instructional Materials, Creating Dynamic Worksheets, Practice Block IV

Co-Curricular Activities (6 Hours)

Seminar/ Quiz/ Assignments/ Practice

Prescribed Text Book :

Introduction to Geogebra - Judith and Markus Hohenwarter



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

DEPARTMENT OF MATHEMATICS
Offering

A SIX WEEK VALUE ADDED COURSE

VALUE ADDED COURSE

ON

INTRODUCTION TO GEOGBRA

(November 2022- December 2022)

GeoGebra
Dynamic Mathematics for Everyone

Coordinator

Sri. D.P.S. Kiran

H.O.D. Mathematics

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

Resource person

Ms. A Ch Sravanthi

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 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.

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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 Practical's 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 275 in number, for the ready reference to students to tackle problems in different methods in practical sessions.

ABOUT THE COURSE

GeoGebra is dynamic mathematics software for schools that joins geometry, algebra and calculus. On the one hand, GeoGebra is an interactive geometry system. You can do constructions with points, vectors, segments, lines, and conic sections as well as functions while changing them dynamically afterwards. On the other hand, equations and coordinates can be entered directly. Thus, GeoGebra has the ability to deal with variables for numbers, vectors, and points. It finds derivatives and integrals of functions and offers commands like Root or Vertex.

REGISTRATION FORM

Name of the Student : _____

Roll No : _____

Class : _____

Address for

Correspondence : _____

Mobile Number : _____

E-mail : _____

Signature

IDEAL COLLEGE OF ARTS & SCIENCES(A), KAKINADA

DEPARTMENT OF MATHEMATICS

Value added Course 2022-23

Introduction to GeoGebra

List of Enrolled Students

S.No	Roll No.	Student Name	Signature of the student
1	2220402002	B.Gangadhar	B. Gangadhar
2	2220402006	U. Veera Chakra	U. Veera Chakra
3	2220402203	E. Bhargavi	E. Bhargavi
4	2220402210	R.Kiran Kumar	R. Kiran Kumar
5	2220402216	P.Manikanta Swami	P. Manikanta Swami
6	2220402223	G.Rajesh	G. Rajesh
7	2220402226	P.Sai Deepika	P. Sai Deepika
8	2220402228	J.Satish	J. Satish
9	2220402230	R.Sridevi	R. Sridevi
10	2220402234	L. Vamsi	L. Vamsi
11	2220402235	M. Veera Lakshmi	M. Veera Lakshmi
12	2220402239	K.Yehoshuva	K. Yehoshuva
13	2220402403	K.D.Nagalakshmi	K. D. Nagalakshmi
14	2220402407	R.Nageswara Rao	R. Nageswara Rao
15	2220402409	Ch.P.S..Mounika	Ch. P. S. Mounika
16	2220402413	B.Srinivas	B. Srinivas
17	2220402415	V.Sri ram	V. Sri ram
18	2220402418	S. Veerababu	S. Veerababu
19	2220402421	N.Pravallika	N. Pravallika
20	2220402423	S.Manikanta	S. Manikanta



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

REPORT

A Six-week Value-Added Course on "Introduction to GeoGebra"
Organized by Department of Mathematics
(November 2022 – December 2022)

Resource Person : Ms. A Ch Sravanthi,
Assistant Professor of Mathematics
Ideal College of Arts & Sciences(A), Kakinada
Email.: chandisravanthi9@gmail.com
Contact Number: 7569311909

Coordinator : Sri D.P.S. Kiran,
H.O.D Mathematics
Ideal College of Arts & Sciences(A), Kakinada
Email: kiransujeeva888@gmail.com
Contact Number: 9290059854

Objectives:

The main objective of the program was to know the importance of GeoGebra for creating 3D pictures and to understand the basic capabilities of GeoGebra

Topics Covered :

UNIT – I

Installation and Introduction of GeoGebra, Drawing versus Geometric Construction,
Practice Block-1, Basic Algebraic Input

UNIT – II

Commands and Functions Export of Pictures to the Clipboard, Practice Block II

UNIT -- III

Inserting Pictures into the Graphics View, Inserting Text into the Graphics View, Practice
Block III

UNIT – IV

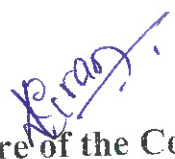
Combining Spread sheet View & Graphics View, Creating Static Instructional Materials,
Creating Dynamic Worksheets, Practice Block IV

Outcome of the Course:

After Successful Completion of Value-added Course

1. Student can able to visualize 3D pictures
2. Student can experience the constructivist learning of Solid geometry
3. Student can perceive drawing the graphs using technology

Number of Participants: 20 Members


Signature of the Coordinator



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

DEPARTMENT OF MATHEMATICS

A SIX WEEK VALUE-ADDED COURSE ON "INTRODUCTION ON GEOGEBRA"

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

.....

from

has completed A Six week Value-added Course on
"Introduction on GeoGebra"

Conducted by the Department of Mathematics ,
Ideal College of Arts & Sciences(A), Kakinada,
from November 2022 to December 2022

A. Ch. S.
Ms. A Ch Sravanthi
Resource Person

Kiran
Sri D.P.S. Kiran
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

Date: 20.11.2022

All the I, II, III B. Sc., BZC students are here by informed that Department of Zoology is conducting A four-week value added course on "**Methodology and Perspectives of Zoology**" from December 2022 to January 2023.

Interested candidates are requested to register their names with Sri T. Pradeep Sastry, Assistant Professor of Zoology and Course Coordinator on or before 30.11.2022.

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 ZOOLOGY

Value added Course for the year 2022-2023

A Four Week Value Added Course on “Methodology and Perspectives of Zoology”

S.No	Date	Topic
1.	01.12.2022	Science- Definition
2.	03.12.2022	Scientific theory
3.	06.12.2022	Hypothetic deductive and inductive models
4.	07.12.2022	Human life - Positive and negative aspects
5.	08.12.2022	Design of experiments-observation
6.	10.12.2022	Data collection
7.	13.12.2022	Data interpretation
8.	14.12.2022	significance of statistical tools
9.	15.12.2022	Experiment to test a hypothesis
10.	17.12.2022	preliminary and explorative experiments
11.	20.12.2022	Introduction to Biostatistics
12.	21.12.2022	Frequency distribution
13.	22.12.2022	Line diagram; Bar diagram; Pie chart; Histogram
14.	24.12.2022	Standard deviation
15.	27.12.2022	Null hypothesis

16.	28.12.2022	Level of significance
17.	29.12.2022	Types of microscopes
18.	31.12.2022	Fluorescent microscope
19.	02.01.2023	Phase contrast microscope
20.	04.01.2023	sectioning and staining techniques of light microscopy
21.	06.01.2023	Embedding
22.	09.01.2023	Dead animals
23.	10.01.2023	Branches of Zoology
24.	19.01.2023	Central Institute of Fisheries Technology
25.	21.01.2023	Nature and scope of Zoology
26.	23.01.2023	Indian Institute of Science
27.	24.01.2023	Centre for DNA Fingerprinting and Diagnostics
28.	27.01.2023	Central Drug Research Institute
29.	30.01.2023	Student Seminar
30.	31.01.2023	Review of the Value added course


Signature of the Coordinator

Course Structure & Syllabus

30 hrs

OBJECTIVES:

- To learn the fundamental characteristics of science as a human enterprise
- To understand how science works
 - To study to apply scientific methods independently

COURSE OUTCOMES:

The students are taught the functioning aspects of the human body at molecular level.
At the end of this course the students will be able to appreciate the anatomical and physiological aspects of the human body.

Module- I

Introduction to Science: Science- Definition, Major branches (Physical, Life and Earth science) Fields of science in biology, Scientific Methods (observation, prediction, experiment, hypothesis, consistency, theory) Scientific theory, Scientific Law, Scientific Revolution, Scientific naming, Scientific temper, Empiricism, Hypothetic deductive and inductive models, Simulation and virtual testing, Evidences and Proofs Impact of science in human life - Positive and negative aspects.

Types of knowledge: Practical, Theoretical and Scientific knowledge; Information, Pseudoscience.

Module - II

Experimentation in science: Design of experiments-observation, data collection, nature and types of data (typical examples), treatment of data, data interpretation, significance of statistical tools in data interpretation.
Experimentation: Selection of controls, Observational requirements, Instrumental requirements.

Types of experiments: Experiment to test a hypothesis, to measure a variable or to gather data by preliminary and explorative experiments.

Observations: Direct and indirect observations, Controlled and uncontrolled observations, Human and machine observations.

Sampling methods: Qualitative sample, Quantitative sample, Random sample, Non random samples. **Ethics in science:** (brief account only), publications and patents, plagiarism.

Module - III

Data collection and presentation: 14 Hrs Introduction to Biostatistics: Variable and attribute; Population vs. Sample; Census vs. Sample survey; Arrangement of data; Frequency distribution.

Graphical presentation of data: Line diagram; Bar diagram; Pie chart; Histogram.

Measures of central tendency: Arithmetic mean; Mode; Median.

Measures of dispersion: Variance; Standard deviation; Standard error of mean; Standard score.

Testing of hypothesis and goodness of fit: Null hypothesis, Level of significance, Probability, Normal distribution, Error of inference, Student's t-test, Paired t-test, Fisher's t-test, Chi-square test.

Module - IV

Methods in Biological Science and Solutions: Microscopes: Principle, Types of microscopes- Dissection microscope, Light microscope, Dark field microscope, Fluorescent microscope, Phase contrast microscope, Electron microscope (SEM, TEM); Microtome (Different Types), Embedding, sectioning and staining techniques of light microscopy;
Preservation of biological specimens: Taxidermy, Fossils, Dead animals (formalin); Photometry: Colorimetry and Spectrophotometry, Principle, Working and uses.

Module V

Nature and scope of Zoology: Branches of Zoology, Opportunities as Zoologist, Institutes of Zoological and Scientific importance in India- Location, major achievements and present activities (academic and scientific) [Zoological Survey of India, Central Marine Fisheries Research Institute, Central Institute of Fisheries Technology, Rajiv Gandhi Centre for Biotechnology, Bioinformatics Centre and Library, Indian Institute of Science, Stem Cell Institute, National Institute of Immunology, Centre for Cellular & Molecular Biology, Centre for DNA Fingerprinting and Diagnostics, Central Drug Research Institute].

NB: Assignments/ Seminar - Topics related to syllabus can be given to students as assignment/seminar.



IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

DEPARTMENT OF ZOOLOGY
OFFERING

A FOUR WEEK VALUE ADDED COURSE

ON

“Methodology and Perspectives of
Zoology”

(December 2022 - January 2023)

Coordinator

Sri T. Pradeep Sastry
Assistant Professor of
Zoology
Ideal College of Arts and
Sciences(A), Kakinada

Resource Person

Sri Y. Ayyanna
HOD, Zoology
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 Zoology 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

To learn the basics of systematics and understand the hierarchy of different categories. • To learn the diagnostic characters of different phyla through brief studies of examples. • To obtain an overview of economically important invertebrate fauna.

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
KAKINADA

VALUE ADDED COURSE REPORT

A four week Value-added Course on “Methodology and Perspectives of Zoology” organized by Department of Zoology

(December 2022 – January 2023)

Resource Person : Sri Y. Ayyanna
HOD, Zoology
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: ayyannayandamuri@gmail.com
Contact Number: 9948245458

Coordinator : Sri T. Pradeep Sastry
Assistant Professor of Zoology
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: pradeepsastryideal@gmail.com
Contact Number: 9704313632

Objectives:

To learn the fundamental characteristics of science as a human enterprise

- To understand how science works
- To study to apply scientific methods independently

Topics Covered:

Module– I

Introduction to Science: Science- Definition, Major branches (Physical, Life and Earth science) Fields of science in biology, Scientific Methods (observation, prediction, experiment, hypothesis, consistency, theory) Scientific theory, Scientific Law, Scientific Revolution, Scientific naming, Scientific temper, Empiricism, Hypothetic deductive and inductive models, Simulation and virtual

testing, Evidences and Proofs Impact of science in human life - Positive and negative aspects.

Types of knowledge: Practical, Theoretical and Scientific knowledge; Information, Pseudoscience.

Module – II

Experimentation in science: Design of experiments-observation, data collection, nature and types of data (typical examples), treatment of data, data interpretation, significance of statistical tools in data interpretation.
Experimentation: Selection of controls, Observational requirements, Instrumental requirements.

Types of experiments: Experiment to test a hypothesis, to measure a variable or to gather data by preliminary and explorative experiments.

Observations: Direct and indirect observations, Controlled and uncontrolled observations, Human and machine observations.
Sampling methods: Qualitative sample, Quantitative sample, Random sample, Nonrandom samples. **Ethics in science:** (brief account only), publications and patents, plagiarism.

Module – III

Data collection and presentation: 14 Hrs Introduction to Biostatistics: Variable and attribute; Population vs. Sample; Census vs. Sample survey; Arrangement of data; Frequency distribution.

Graphical presentation of data: Line diagram; Bar diagram; Pie chart; Histogram.

Measures of central tendency: Arithmetic mean; Mode; Median.

Measures of dispersion: Variance; Standard deviation; Standard error of mean; Standard score.

Testing of hypothesis and goodness of fit: Null hypothesis, Level of significance, Probability, Normal distribution, Error of inference, Student's t-test, Paired t-test, Fisher's t-test, Chi-square test.

Module – IV

Methods in Biological Science and Solutions: Microscopes: Principle, Types of microscopes- Dissection microscope, Light microscope, Dark field microscope, Fluorescent microscope, Phase contrast microscope, Electron microscope (SEM, TEM); Microtome (Different Types), Embedding, sectioning and staining techniques of light microscopy;

Preservation of biological specimens: Taxidermy, Fossils, Dead animals (formalin); Photometry: Colorimetry and Spectrophotometry, Principle, Working and uses.

Module V

Nature and scope of Zoology: Branches of Zoology, Opportunities as Zoologist, Institutes of Zoological and Scientific importance in India- Location, major achievements and present activities (academic and scientific) [Zoological Survey of India, Central Marine Fisheries Research Institute, Central Institute of Fisheries Technology, Rajiv Gandhi Centre for Biotechnology, Bioinformatics Centre and Library, Indian Institute of Science, Stem Cell Institute, National Institute of Immunology, Centre for Cellular & Molecular Biology, Centre for DNA Fingerprinting and Diagnostics, Central Drug Research Institute].

NB: Assignments/ Seminar – Topics related to syllabus can be given to students as assignment/seminar.

Outcomes of the Course:

After Successful Completion of Value-added Course

The students are taught the functioning aspects of the human body at molecular level.

At the end of this course the students will be able to appreciate the anatomical and

physiological aspects of the human body.

Number of Participants: 113 Members

T. Pradyumn Reddy
Signature of the Coordinator



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

DEPARTMENT OF ZOOLOGY


CERTIFICATE

This is to certify that Mr./Ms./Mrs. _____

From _____ has completed four week value added course on
“Methodology and Perspectives of Zoology” conducted by the Department of
Zoology, Ideal College of Arts and Science(A), Kakinada, from February 2023 to
April 2023.


Sri Y. Ayyanna
Resource Person


Sri T. Pradeep Sastry
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: 22.11.2022

All the Ist year Bsc Agriculture and rural development students are here by informed that Department of Agriculture is conducting A Four - week value added course on "Effective utilization of Bio – waste for production of vermicompost" from December 2022 to February 2023.

Interested candidates are register their names with Course Coordinator Mr, **B. Rohit Kumar**, Assistant Professor, Department of Agriculture on or before 30.11.2022.

T. Sebananya
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 “Effective utilization of Bio – waste for production of vermicompost”

Day Wise Course Schedule

Day	Date	Topic
1	02/12/2022	Introduction to vermiculture
2	05/12/2022	History of vermiculture
3	07/12/2022	Economic of importance of vermiculture
4	12/12/2022	Species of earthworms
5	13/12/2022	Maintainance of soil structure
6	17/12/2022	Identification of species
7	26/12/2022	Role of earthworms in agriculture
8	28/12/2022	Role of earthworms in bio waste management
9	03/01/2023	Classification of waste materials
10	04/01/2023	Classification of bio degradable materials
11	05/01/2023	Vermicomposting techniques
12	07/01/2023	Preparation techniques
13	09/01/2023	Waste material disposal techniques
14	10/01/2023	Waste material disposal techniques
15	18/01/2023	Material required for vermicompost
16	23/01/2023	Material required for vermiwash
17	24/01/2023	Nutrient status of soil
18	26/01/2023	Assessment of nutrient status of soil before vermicompost application
19	01/02/2023	Segregation and processing of waste materials
20	02/02/2023	Assessment of nutrient status of soil after vermicompost application
21	03/02/2023	Classification of nutrients
22	06/02/2023	Macro and micro nutrients
23	07/02/2023	Application methods of vermicompost to the soil
24	09/02/2023	Application methods of vermiwash to the soil
25	10/02/2023	Production of organic manures
26	13/02/2023	Assignments
27	15/02/2023	Role of human in bio degradable waste management
28	16/02/2023	Activity status of vermicompost
29	20/02/2023	Activity status of earthworms in vermicompost
30	21/02/2023	Packaging, storing and marketing techniques of vermicompost


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**

***“Effective utilization of Bio –
waste for production of
vermicompost”***

(December 2021 to March 2022)

Co – Ordinator
B. Rohit Kumar
Assistant Professor
Ideal college of Arts &
Sciences, kakinada

Resource person
G. Venkata Raju
Assistant Professor
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

Understanding the role of worm farming in Modern Farming, Understanding the potential of vermicompost as an alternative to chemical fertilizers, Role of vermiculture in maintaining the health of soil and humans, Economic importance of vermiculture, Role of Vermiculture in protecting the environment and managing the waste.



Course Structure & Syllabus

OBJECTIVES:

The main objective of the program is to know about the biowaste management and preparation of Organic manures (Vermicompost).

COURSE OUTCOMES:

production of organic fertilizers.
Students got to know about species and diversification of bio - waste.

Prescribed Text Book: PRINCIPLES OF ORGANIC FARMING - SR REDDY

TOPICS COVERED:

UNIT – I:

Vermiculture, History, Economics, importance.

UNIT – II:

Maintenance of soil structure, role of earthworms, production of organic fertilizers.

UNIT – III:

Classification of waste material, disposal techniques.

UNIT – IV:

Preparation & processing methods of vermicompost.

Co – Curricular Activities: Seminar/ quiz/ Assignment /Practice

Outcome of the Course:

After Successful Completion of Value-added Course

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

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

Department of Agriculture

Value Added Course

List of Students

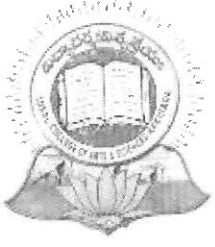
S.No.	Register Number	Name of the Student	signature
1	2220402601	A.SANDEEP	A. Sandeep
2	2220402602	C.UDHAYA SRI	Udhaya Sri
3	2220402603	C.AMRUTHA VARSHINI	C. Amrutha Varshini
4	2220402605	D. CHARISHMA GANDHI	Charishma Gandhi
5	2220402606	G.NAGENDRA	Nagendra
6	2220402607	G.VANITHA	G. Vanitha
7	2220402609	S.SIVA SIRISHA	S.Siva Sirisha
8	2220402611	G.PAVAN KUMAR	Pavan Kumar
9	2220402612	J.JAHNAVI SANKIRTANA	J. Sankirtana
10	2220402613	I.PRASAD	I. Prasad
11	2220402614	I.BHAVANA	I. Bhavana
12	2220402615	J.SUDHEER	J. Sudheer
13	2220402616	J.SRI RAMYA	J. Sri Ramya
14	2220402617	J. SHARMILA SHETHU	Sharmila Shethu
15	2220402618	J. NAVYA	J. Navya
16	2220402619	K. PRABHAS KUMAR	K. Prabhas Kumar
17	2220402621	K.ASMITHA	K. Asmitha
18	2220402622	K.JAYA PRAKASH	Jaya Prakash
19	2220402624	K.VENKATESH	Venkatesh
20	2220402625	K. NAVYA	K. Navya
21	2220402626	K. SAI VIJAYA REKHA	Sai Vijaya Rekha
22	2220402627	M. KRISHNA KALYANI	M. Krishna Kalyani
23	2220402628	M. SANTHI LATHA	M. Santhi Latha
24	2220402629	M. CHANDINI	M. Chandini
25	2220402630	M. SANIYA	M. Saniya
26	2220402631	P. KEERTHI	P. Keerti
27	2220402632	P. SANDHYA	P. Sandhya
28	2220402634	P. APARNA	P. Aparna
29	2220402646	U. SHANMUKHA PRIYA	U. Shanmukha Priya
30	2220402649	V. NAGA LAXMI	V. Naga Laxmi

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 “Effective utilization of Bio – waste for production of vermicompost”

Organized by Department
Agriculture (December 2022 –
February 2023)

Resource Person: G. Venkata raju
Assistant professor, Department of
Agriculture Ideal College of Arts &
Sciences(B), Kakinada
Email: venkatagri@idealcollege.edu.in
Contact Number: 8497957002

Coordinator: Mr. B. Rohit Kumar
Assistant Professor Department of
Agriculture Ideal College of Arts &
Sciences(B), Kakinada Email:
rohitagri@idealcollege.edu.in
Contact Number: 8330979022

OBJECTIVES:

The main objective of the program is to know about the biowaste management and preparation of Organic manures (Vermicompost).

Topics Covered:

UNIT – I (6 hours):

Vermiculture, History, Economics, importance

UNIT – II (6 hours):

Maintenance of soil structure, role of earthworms, production of organic fertilizers.

UNIT – III (6 hours):

Classification of waste material, disposal techniques.

UNIT – IV (8 hours):

Preparation & processing methods of vermicompost

Co – Curricular Activities (4

hours)Seminar/ quiz/ Assignment

/Practice. **Outcome of the**

Course:

After Successful Completion of Value-added Course

1. Students got to know about species of Earthworms, biodegradable waste.
2. Student can experience the organic manure preparations uses, and diversification of biowaste
3. Student can experience the methodologies of soil cultivation.

Number of Participants: 30 Members



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
“Effective utilization of Bio – waste for production of vermicompost” Conducted by the Department
of Agriculture, Ideal College of Arts & Sciences(A), Kakinada, from December 2022 to February 2023.

G. Venkata Raju

Resource Person

B. Rohit Kumar

Coordinator

Dr. 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

NOTICE

Date: 01.12.2022

All the I B.A students are here by informed that Department of Political Science is conducting A Six-week value added course on "**Local Administration**" from December 2022 to January 2023.

Interested candidates are requested to register their names with Dr. K. Swamiji, HOD, Political Science and Course Coordinator on or before 10.12.2022.

T. Srinivas
PRINCIPAL

PRINCIPAL
(Ideal College of Arts and Sciences)
Kakinada

Course Structure & Syllabus

30 hrs

OBJECTIVES:

Students after successful completion of the course will be able to.,
The local government ensures a safe and stable environment where social and economic development can occur by provide physical infrastructure such as roads, water supply, waste management information and communication technology, promoting public health, education, and environmental sustainability.

COURSE OUTCOMES:

After Successful Completion of Value-added Course
Course Outcomes are the statements that help the learners to understand the reason for pursuing the course and helps him to identify what he will be able to do at the end of the course.

Unit: 1

Local Government: Meaning, Nature and Importance, Thoughts on Local Governments by M.K. Gandhi, Jawaharlal Nehru and Dr. B.R.A. Ambedkar, Importance Committees: Balwant Rai Mehta (1957), Ashok Mehta (1978), L.M. Singhvi (1986).

Unit: 2

Decentralization of powers (Political, Administration and Economic) from the States to Local Institution- 73rd and 74rd Constitutional Amendment Acts-Empowering Local Governments- Decision making powers during crisis and disasters-Relationship between local government authorities and Central and State Government service providers-Role of District College in Strengthening LGIs.

Unit: 3

Revenue raising avenues for Local Governments-Grants, Aid and support from Centre and State Governments-Public Private Partnerships-Concept of Local Development-Village as a unit, SWOC analysis of a village, existing conditions, expected developmental opportunities, the gap, natural, government and private resources, Year-wise planning, finances required-Role of Local Governments in implementation of Welfare and developmental programmes i.e., (MGNREGS), (SGSY), (IAY) and (PURA).

Unit: 4

Challenges for Local Administration, Financial, administrative and Political Constraints-Public relation in Local Administration-Need for training for elected representatives and other stakeholders-Audit training and Participatory training.

Unit: 5

Preparation of Reports-Minutes and Documentation-Types of Reports, Content of Minutes-Methods of Documentation-Best Practices of Reporting on functioning of Local Administration-Use of ICT in Documentation.



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

**DEPARTMENT OF POLITICAL
SCIENCE
OFFERING**

A FOUR WEEK VALUE ADDED COURSE

ON

“LOCAL ADMINISTRATION”

(DECEMBER 2022 TO JANUARY 2023)

Resource Person

Smt. P.V.B. Devi
Lecturer in Political
Science
A.S.D. Womens College,
Kakinada

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 import 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

A course in administration develops an individual's knowledge and experience of the inner workings of a business to help it run smoothly in the day-to-day operations.

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 (2022-2023)

A Four Week Value Added Course on “Local Administration”

Day Wise Course Schedule

S.No	Date	Topic
1.	12.12.2022	Introduction of Local Government
2.	13.12.2022	Meaning of Local Government
3.	14.12.2022	Nature of Local Government
4.	15.12.2022	Importance of Local Government
5.	16.12.2022	Thoughts on Local Governments by M.K. Gandhi, Jawaharlal Nehru and Dr. B.R.A. Ambedkar
6.	17.12.2022	Importance Committees
7.	19.12.2022	Assignment – I
8.	20.12.2022	Decentralization of powers (Political, Administration and Economic)
9.	21.12.2022	73 rd and 74 rd Constitutional
10.	22.12.2022	Acts-Empowering Local Governments
11.	23.12.2022	Relationship between local government
12.	27.12.2022	service providers-Role of District College in Strengthening LGIs.
13.	28.12.2022	disasters- authorities
14.	29.12.2022	Revenue raising avenues for Local Governments

15.	02.01.2023	Aid and support from Centre and State Governments
16.	04.01.2023	Grants, -Public Private Partnerships
17.	05.01.2023	Concept of Local Development-Village as a unit
18.	06.01.2023	Year-wise planning
19.	07.01.2023	required-Role of Local Governments
20.	09.01.2023	finances in implementation of Welfare and developmental programmes i.e., (MGNREGS), (SGSY), (IAY) and (PURA).
21.	10.01.2023	Assignment – II
22.	18.01.2023	Student Seminar
23.	19.01.2023	Group Discussion
24.	20.01.2023	Challenges for Local Administration
25.	23.01.2023	Local Administration-Need for training for elected representatives
26.	24.01.2023	Political Constraints-Public relation
27.	25.01.2023	Use of ICT in Documentation.
28.	27.01.2023	Types of Reports, Content of Minutes-Methods of Documentation
29.	28.01.2023	Best Practices of Reporting on functioning of Local Administration
30.	30.01.2023	Review


Signature of the Coordinator

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 2022-2023

List of Students

S.No	Roll Number	Name of the Student	Signature
1.	2220401001	AJAY KAKADA	K. AJAY
2.	2220401002	AJAY KUMAR KONDIPUDI	Ajay. K
3.	2220401003	ANAND KUMAR DORA PANDA	P. A. K Dora
4.	2220401004	ANJI BABU CHINNAM	Anji. L
5.	2220401005	B N D A APPARAO PEDAPUDI	P. B. A Rao
6.	2220401006	BALU KUMAR UNDRU	BALU kumar. u
7.	2220401007	BHAVANI SHENKAR KOWLU	K. B Shenkar
8.	2220401008	DIVYA SANTOSHI MULASA	M. Divya swtha
9.	2220401009	DORABABU DEYYALA	P. Dorababu
10.	2220401010	GANGA SURYA PRAKASH RAYI	G. S. P. RAYI
11.	2220401011	JAYA RAM VANAPALLI	V. Jaram
12.	2220401012	KEERTHI PALLA	Keerthi. p
13.	2220401013	LALITHA PALLA	P. LALITHA
14.	2220401014	LAVANYA KUDUPUDI	L. Lavanya
15.	2220401015	MEGHANA SHALINI PERUGULA	P. S. MEGHANA
16.	2220401016	NIKITHA VANUMU	Nikitha
17.	2220401017	PADMAVATHI PANDA	PADMAVATHI. P
18.	2220401018	PRIYANKA KONALA	P. Priyanka
19.	2220401019	RAGU VARMA UNDRASAPU	U. R. Varma
20.	2220401020	RAJESH PILAKA	rajesh. p

Dec 2022

Pupils Attendance Register

విల్లల హాజరుపట్టి

రోజుల సంఖ్య: _____
 పాఠశాల పేరు: _____

క్ర. సం.	పేరు	రోజులు													హాజరు నివేదికలు	
		1	2	3	4	5	6	7	8	9	10	11	12	13	హాజరు	చాటియ
1	K. Ajay											X	X	X	13	0
2	K. Ajay Kumar											X	X	X	13	0
3	P. Anand Kumar Dora											X	X	X	13	0
4	Ch. Anji Babu											X	X	X	13	0
5	P. B.N.D.A. Apparao											X	X	X	13	0
6	V. Balukumar											X	X	X	13	0
7	K. Bhavanishankar											X	X	X	13	0
8	M. Divya santoshi											X	X	X	13	0
9	D. Dorababu											X	X	X	13	0
10	R. Gangasuya Prakash											X	X	X	13	0
11	V. Jaya Ram											X	X	X	13	0
12	P. Keerthi											X	X	X	13	0
13	P. Lalitha											X	X	X	13	0
14	K. Lavanya											X	X	X	13	0
15	P. Meghanashalini											X	X	X	13	0
16	V. Nikitha											X	X	X	13	0
17	P. Padmavathi											X	X	X	13	0
18	K. Priyanka											X	X	X	13	0
19	V. Ragunatha											X	X	X	13	0
20	P. Rajesh											X	X	X	13	0



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 “Local Administration” organized by
Department of Political Science**

(December 2022 – January 2023)

Resource Person	:	Smt. P.V.B. Devi Lecturer in Political Science A.S.D. Womens College, Kakinada.
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.

The local government ensures a safe and stable environment where social and economic development can occur by provide physical infrastructure such as roads, water supply, waste management information and communication technology, promoting public health, education, and environmental sustainability.

Topics Covered:

Unit: 1

Local Government: Meaning, Nature and Importance, Thoughts on Local Governments by M.K. Gandhi, Jawaharlal Nehru and Dr. B.R.A. Ambedkar, Importance Committees: Balwant Rai Mehta (1957), Ashok Mehta (1978), L.M. Singhvi (1986).

Unit: 2

Decentralization of powers (Political, Administration and Economic) from the States to Local Institution- 73rd and 74rd Constitutional Amendment Acts-Empowering Local Governments- Decision making powers during crisis and disasters-Relationship between local government authorities and Central and State Government service providers-Role of District College in Strengthening LGIs.

Unit: 3

Revenue raising avenues for Local Governments-Grants, Aid and support from Centre and State Governments-Public Private Partnerships-Concept of Local Development-Village as a unit, SWOC analysis of a village, existing conditions, expected developmental opportunities, the gap, natural, government and private resources, Year-wise planning, finances required-Role of Local Governments in implementation of Welfare and developmental programmes i.e., (MGNREGS), (SGSY), (IAY) and (PURA).

Unit: 4

Challenges for Local Administration, Financial, administrative and Political Constraints-Public relation in Local Administration-Need for training for elected representatives and other stakeholders-Audit training and Participatory training.

Unit: 5

Preparation of Reports-Minutes and Documentation-Types of Reports, Content of Minutes-Methods of Documentation-Best Practices of Reporting on functioning of Local Administration-Use of ICT in Documentation.

Outcomes of the Course:

After Successful Completion of Value-added Course

Course Outcomes are the statements that help the learners to understand the reason for pursuing the course and helps him to identify what he will be able to do at the end of the course.

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
“Local Administration” conducted by the Department of Political Science, Ideal
College of Arts and Science(A), Kakinada, from December 2022 to January 2023.

K. Swamiji
Dr. K. Swamiji
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: 03.12.2022

All the I B. Sc., students are here by informed that Department of Chemistry is conducting A four-week value added course on "**Handling of Reagents**" from December 2022 to January 2023.

Interested candidates are requested to register their names with Sri K. Rajendra Kumar, HOD, Chemistry and Course Coordinator on or before 10.12.2022.

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 CHEMISTRY

Value added Course for the year (2022-2023)

Handling of Reagents

Day Wise Course Schedule

S.No	Date	Topic
1.	12.12.2022	General instructions for safe working in organic chemical laboratories
2.	13.12.2022	Personal protection
3.	14.12.2022	Conduct in the laboratory
4.	15.12.2022	Tidiness and cleanness of laboratory
5.	16.12.2022	Procedure storage of chemicals in laboratory areas
6.	17.12.2022	Glassware of laboratory
7.	19.12.2022	waste disposal of laboratory
8.	20.12.2022	Burrete – micro burretes, macro burretes
9.	21.12.2022	Pipette – micro Pipette, macro Pipette
10.	22.12.2022	Beakers – 1000ml, 500ml, 250ml, 100ml, 50ml.
11.	23.12.2022	Measuring Jars - 1000ml, 500ml, 250ml, 100ml, 50ml, 10ml.
12.	27.12.2022	Test tubes, Boiling test tubes

13.	28.12.2022	Condensers
14.	29.12.2022	Conical Flask
15.	02.01.2023	Stands, Glass Rod, Watch glass.
16.	04.01.2023	Reagents bottles
17.	05.01.2023	Centrifuge mission
18.	06.01.2023	Melting point operator
19.	07.01.2023	Boiling point operator
20.	09.01.2023	Planning of experiments
21.	10.01.2023	Results
22.	18.01.2023	Analysis of error
23.	19.01.2023	Organic compounds
24.	20.01.2023	potentially dangerous mixtures
25.	23.01.2023	Flammable solvents.
26.	24.01.2023	Strong acids
27.	25.01.2023	strong bases
28.	27.01.2023	Reactive of halogens, halides chromates, di chromates
29.	28.01.2023	Student Seminar
30.	29.01.2023	Review of Value added Course


 Signature of the Coordinator

Course Structure & Syllabus

30 hrs

OBJECTIVES:

One of the main objectives of a laboratory reagent should be its stability. Stability tests should be done to determine the duration of their chemical properties and reactions. These tests measure the rate at which a reagent can react with a variation in temperature, pressure, pH, light, or other external factors.

Course Outcomes:

After Successful Completion of Value-added Course

CO 1: To be able estimate the ions/metal ions present in domestic/industry waste water.

CO 2: utilize the fundamental laboratory techniques for analyses such as titrations, separation/purification .

CO 3: able to analyze and gain experimental skill. > learn safety rules in the practice of laboratory investigations.

UNIT - I 10hrs

General instructions for safe working in organic chemical laboratories Personal protection, conduct in the laboratory, tidiness and cleanness, accident Procedure storage of chemicals in laboratory areas, glassware and waste disposal.

UNIT - II 5hrs

General Laboratory apparatus.

UNIT - III 5hrs

Planning of experiments and recording of results, calculation of yields.

UNIT - IV 5hrs

Hazards in organic chemistry laboratories: explosive compounds, potentially dangerous mixtures, flammable solvents.

UNIT - V 5hrs

Reactive inorganic reagents - Strong acids, strong bases, halogens, reactive halides chromates, di chromates.



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

DEPARTMENT OF CHEMISTRY
OFFERING

A FOUR WEEK VALUE ADDED COURSE

ON

“HANDLING REAGENTS”

December 2022 - January 2023

Resource Person

Sri R. Srinivasa Rao
Assistant Professor of
chemistry
Ideal College of Arts and
Sciences(A), Kakinada

Coordinator

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

Chemicals are the backbone of any laboratory because they are used for manufacturing or testing almost all pharmaceutical products. Yet many people working in the field lack their proper knowledge. The level of understanding further decreases when it comes to chemical grading. If you also struggle with these terms and don't know how exactly these work, you have come to the right place.

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 2022-2023

Handling of Reagents

S.No	Roll Number	Name of the Student	Signature
1.	2200402002	B. Gangadhar	B. Gangadhar
2.	2200402005	Y.U.K. Prasad	Y.U.K. Prasad
3.	2200402007	V. D. Gangadhar	V. D. Gangadhar
4.	2200402009	Ch. Kiran Kumar	Ch. Kiran Kumar
5.	2200402403	K. Naga Lakshmi	K. Naga Lakshmi
6.	2200402404	D. Durga Rao	D. Durga Rao
7.	2200402407	R. Nageswara Rao	R. Nageswara Rao
8.	2200402409	Ch. P. Sai Mounika	Ch. P. Sai Mounika
9.	2200402413	B. Srinivas	B. Srinivas
10.	2200402417	R. Veera Babu	R. Veera Babu
11.	2200402410	V. Raghavendra	V. Raghavendra
12.	2200402421	N. Pravallika	N. Pravallika
13.	2200402423	S. Manikanta Kumar	S. Manikanta Kumar
14.	2200402402	K. Dharmendra	K. Dharmendra
15.	2200402006	Ch. Pavan Sessa Sai	Ch. Pavan Sessa Sai
16.	2200402008	G.V.V. Satyanarayana	G.V.V. Satyanarayana
17.	2200402501	K. Bhavani	K. Bhavani
18.	2200402503	K. Ch. Sekhara Dora	K. Ch. Sekhara Dora

19.	2200402505	D.L.N.S. Narayana	D.L.N.S. Narayana
20.	2200402506	L. Mahesh	L. Mahesh
21.	2200402508	P. Nagendra	P. Nagendra
22.	2200402510	K. Tejaswi	K. Tejaswi
23.	2200402512	K.V. Durga Pavani	K.V.D. Pavani



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 “Handling of Reagents” organized by
Department of Chemistry**

(December 2022 to January 2023)

Resource Person : Sri R. Srinivasa Rao
Assistant Professor of Chemistry
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: srinivasravulsi@gmail.com
Contact Number: 9703000626

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:

One of the main objectives of a laboratory reagent should be its stability. Stability tests should be done to determine the duration of their chemical properties and reactions. These tests measure the rate at which a reagent can react with a variation in temperature, pressure, pH, light, or other external factors.

Topics Covered:

UNIT – I

General instructions for safe working in organic chemical laboratories Personal protection, conduct in the laboratory, tidiness and cleanness, accident Procedure storage of chemicals in laboratory areas, glassware and waste disposal.

UNIT – II

General Laboratory apparatus.

UNIT – III

Planning of experiments and recording of results, calculation of yields.

UNIT – IV

Hazards in organic chemistry laboratories: explosive compounds, potentially dangerous mixtures, flammable solvents.

UNIT – V

Reactive inorganic reagents – Strong acids, strong bases, halogens, reactive halides chromates, di chromates.

Outcomes of the Course:

After Successful Completion of Value-added Course

CO 1: To be able estimate the ions/metal ions present in domestic/industry waste water.

CO 2: utilize the fundamental laboratory techniques for analyses such as titrations, separation/purification .

CO 3: able to analyze and gain experimental skill. ➤ learn safety rules in the practice of laboratory investigations.

Number of Participants: 23 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
“**Handling of Reagents**” conducted by the Department of Chemistry, Ideal
College of Arts and Science(A), Kakinada, from December 2022 to January 2023.


Sri R. Srihivasa Rao
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: 28.11.2022

All the I BA students are here by informed that Department of History is conducting A Six-week value added course on "**Indian Culture and Science**" from December 2022 to January 2023.

Interested candidates are requested to register their names with Sri N.S.S. Prasad, HOD, Department of History and Course Coordinator on or before 09.12.2022.

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 HISTORY

Value added Course for the year (2022-2023)

A Four Week Value Added Course on “India Culture and Science”

Day Wise Course Schedule

S.No	Date	Topic
1.	12.12.2022	Introduction
2.	13.12.2022	Various religious
3.	14.12.2022	Hinduism, Buddhism
4.	15.12.2022	Bhakti Movement
5.	16.12.2022	Sufi movement
6.	17.12.2022	Literature
7.	19.12.2022	Family system
8.	20.12.2022	Assignment
9.	21.12.2022	Raja Ram Mohan Roy
10.	22.12.2022	B.R. Ambedkar
11.	23.12.2022	Community Service
12.	27.12.2022	Modern Society
13.	28.12.2022	Social Harmony
14.	29.12.2022	Scientific temper

15.	02.01.2023	Bloom's Taxonomy
16.	04.01.2023	Conduct Quiz Competition
17.	05.01.2023	Agriculture
18.	06.01.2023	Medicine
19.	07.01.2023	Communications
20.	09.01.2023	Space
21.	10.01.2023	Media
22.	18.01.2023	Industry
23.	19.01.2023	Assignment
24.	20.01.2023	Local Heritage sites
25.	23.01.2023	Student Seminar
26.	24.01.2023	Energy
27.	25.01.2023	Project Work
28.	27.01.2023	Study Hour
29.	28.01.2023	Preparation
30.	29.01.2023	Assignment


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

COURSEOUTCOMES:

After Successful Completion of Value-added Course

1. Understand the evolution of India's Culture.
Analyze the process of modernization of Indian Society and culture from past to future.
Comprehend objective education and evaluate scientific development of India in various spheres.

Inculcate nationalist and moral fervor and scientific temper.

Unit:I Unity in Diversity in India

Coexistence of various religions since ancient times -

Hinduism, Buddhism, Jainism and Atheism and later Sikhism, Islam and Christianity. The Bhakti (vishnavite and Saivaite) and sufi movements. The concepts of seela, karuna, kshama, maitri, vinaya, santhi and abimsa. Achievements in Literature, Music, Dance, Clay, Metal and ornaments. Cultural diversity, monogamy, family system, Importance seasonal festivals.

Unit-11: Social Reforms and Modern Society

Reforme by Basaveswara Raja Rama Mohan Roy Devananda Saraswathi Swamy Vivekananda Mahatma Gandhi BR Ambedkar Reforms in Andhra by Vemena, Veerabrahmam, Gurajada, Veeresalingam and Gurram Jashua (only reforms in brief, biographies not needed). Modern Society: Family unity, Community service, Social Harmony, Civic Sense, Gender Sensitivity, Equality, National Fervor.

Unit-III: Science and Technology:

Objectivity and Scientific Temper Education on Scientific lines (Bloom's Taxonomy) Online Education. Developments in Industry, Agriculture, Medicine, Space, Alternate Energy, Communications, Media through ages.



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

DEPARTMENT OF HISTORY
OFFERING

A FOUR WEEK VALUE ADDED COURSE
ON
“INDIA CULTURE AND SCIENCE”
(DECEMBER 2022 – JANUARY 2023)

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

India is one of the most religiously and ethnically diverse nations in the world, with some of the most deeply religious societies and cultures. Religion plays a central and definitive role in the life of many of its people. Although India is a secular Hindu-majority country, it has a large Muslim population.

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.	2210401001	P. Ananth	P. Ananth
2.	2210401002	N. Anjali	N. Anjali
3.	2210401003	T. Aparanitha	T. Aparanitha
4.	2210401006	M. Eswara Rao	M. Eswara Rao
5.	2210401008	D. Hindu Priya	Jeevana Jyothi
6.	2210401009	K. Jeevana Jyothi	Jeevana Jyothi
7.	2210401010	Y. Karthik	Y. Karthik
8.	2210401011	D. Lakshmi Keerthi	D. Lakshmi Keerthi
9.	2210401012	M. Manoj	M. Manoj
10.	2210401015	A. Naidu	Naidu
11.	2210401019	B. Ramu	B. Ramu
12.	2210401020	K. Ravi	K. Ravi
13.	2210401022	M. Rohit	M. Rohit
14.	2210401023	B Sai Teja	Sai Teja
15.	2210401024	P. Sailaja	P. Sailaja
16.	2210401026	M. Santhi Babu	Santhi Babu
17.	2210401029	P. Siva	P. Siva
18.	2210401032	D Stephen	D. Stephen
19.	2210401035	G. Tanueswar	G. Tanueswar
20.	2210401036	K. Uma mahesh	K. U. Mahesh

నామం: Jan
సంవత్సరం: 2022

Pupils Attendance Register

1	2	3	4	5	6	7	8	9	10	11	12	13	
అధ్యయన సంవత్సరం	సం.	పేరు	సం.	1	2	3	4	5	6	7	8	9	10
1001	1	P. Ananth		P	P	A	P	P	P	P	P	P	P
1002	2	N. Anjali		P	A	P	P	P	P	P	P	P	P
1003	3	T. Aparanjitha		A	P	P	P	P	P	P	P	P	P
1004	4	M. Eshwara Rao		P	A	P	A	P	P	P	P	P	P
1008	5	D. Hindu priya		P	A	A	P	A	P	A	P	A	P
1009	6	K. Jeevana Jyothi		A	P	P	A	P	A	P	A	P	A
1010	7	Y. Kasthik.		A	P	P	P	P	P	P	P	P	P
1011	8	D. Lakshmi Keerthi		P	A	P	P	A	P	A	P	A	P
1012	9	M. Manoj.		P	P	A	P	P	A	P	A	P	A
1015	10	A. Naidu.		P	A	P	A	P	P	A	P	A	P
1019	11	B. Ramu.		P	A	P	A	P	A	P	A	P	A
1020	12	K. Ravi		A	P	P	P	A	P	A	P	A	P
1022	13	M. Rohit.		A	P	A	P	P	A	P	A	P	A
1023	14	B. Sai Teja.		P	A	P	P	P	P	P	P	P	P
1024	15	P. Sailaja.		P	A	P	P	P	P	P	P	P	P
1026	16	M. Santhi babu.		A	P	A	A	P	P	A	P	A	P
1029	17	P. Siva.		P	P	P	P	P	P	P	P	P	P
1032	18	D. Stephen.		P	A	P	P	P	P	P	P	P	P
1035	19	J. Tanveswar.		A	P	P	P	P	P	P	P	P	P
1036	20	K. Uma mahesh.		P	P	A	P	A	P	P	P	P	P

Handwritten signature

గోల సంఖ్య: 30
నగలు సంఖ్య: _____

పేజీ: _____

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
పాఠశాల పేరు: _____																	7	8	9	
తేదీ: _____																	పాఠశాల పేరు	పాఠశాల పేరు	పాఠశాల పేరు	
P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19		
P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	16		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20		
P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18		
P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15		
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15		
P	A	P	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	P	P	P	22		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18		
P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18		



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 "Indian Culture and Science"
organized by Department of History

(December 2022 – January 2023)

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. Shankar 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 Unity in Diversity in India

Coexistence of various religions since ancient times – Hinduism, Buddhism, Jainism and Atheism and later Sikhism, Islam and Christianity. The Bhakti (vishnavite and Saivaite) and sufi movements. The concepts of seela, karuna, kshama, maitri, vinaya, santhi and abimsa. Achievements in Literature,

Music, Dance, Clay, Metal and ornaments. Cultural diversity, monogamy, family system, Importance seasonal festivals.

Unit-11: Social Reforms and Modern Society

Reforms by Basaveswara Raja Rama Mohan Roy Devananda Saraswathi Swamy Vivekananda Mahatma Gandhi BR Ambedkar Reforms in Andhra by Vemana, Veerabrahmam, Gurajada, Veeresalingam and Gurrām Jashua (only reforms in brief, biographies not needed). Modern Society: Family unity, Community service, Social Harmony, Civic Sense, Gender Sensitivity, Equality, National Fervor.

Unit-III: Science and Technology:

Objectivity and Scientific Temper Education on Scientific lines (Bloom's Taxonomy) Online Education. Developments in Industry, Agriculture, Medicine, Space, Alternate Energy, Communications, Media through ages.

Outcomes of the Course:

After Successful Completion of Value-added Course

1. Understand the evolution of India's Culture.
2. Analyze the process of modernization of Indian Society and culture from past to future.
3. Comprehend objective education and evaluate scientific development of India in various spheres.
4. Inculcate nationalist and moral fervor and scientific temper.

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
“Indian Culture and Science” conducted by the Department of History, Ideal
College of Arts and Science(A), Kakinada, from December 2022 to January 2023.

K. Saravij
Resource Person

N. Srinivas
Coordinator

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
KAKINADA

NOTICE

Date: 05.12.2022

All the III B.Sc., Students are here by informed that the Department of Physics is conducting a six-week value added course on “APPLICATIONS OF PHYSICS IN EARTH SCIENCES” from January 2023 to February 2023.

Interested candidates are requested to register their names with Sri G. Raju, HOD of Physics and course coordinator on or before 23.12.2022.


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 PHYSICS

Value added Course for the year 2022-2023

A Four Week Value Added Course on “Applications of Physics in Earth Science”

Day Wise Course Schedule

S.No	Date	Topic
1.	02.01.2023	Earth’s gravity field, properties of Newtonian potential laplacis and poissons’s eqacations.
2.	03.01.2023	Green’s theorem, gaus law, concept of gravity anamaly
3.	04.01.2023	Earth’s main magnetic field, orgin and temporal variation
4.	05.01.2023	Geomagnetic elements vectorial representation, spatial variation, basic concepts
5.	06.01.2023	Coulombs law of magnetic force and fields, magnetic anomaties
6.	07.01.2023	Assignment
7.	09.01.2023	Principle of electrical methods of prospecting electrical fields in geography

8.	10.01.2023	Current and potential in the earth
9.	11.01.2023	Electromagnetic Introduction
10.	12.01.2023	Primary secondary field relations.
11.	20.01.2023	Vector diagram – Real and imaginary components resolving
12.	21.01.2023	Assignment
13.	23.01.2023	Gas Laws, hydrostatic equation geopotential, reduction of pressure to sea adiabatic Process.
14.	24.01.2023	The dry adiabatic lapse rate, water vapor in Air
15.	25.01.2023	Moisture Parameters, the second law of thermodynamics the carnot cycle
16.	27.01.2023	Entropy, the clausius – clapeyron equation level
17.	28.01.2023	The first law of thermodynamics joule's law, specific heats Enthalpy
18.	30.01.2023	Assignment
19.	31.01.2023	Forces governing the atmospheric motions
20.	01.02.2023	Their classifications as body and surface forces.
21.	02.02.2023	Conservation and non conservation forces
22.	03.02.2023	Equation of motion in Rotating Frame
23.	04.02.2023	Coriolis force and its physical nature
24.	06.02.2023	Student Seminar

25.	07.02.2023	Nucleation of water vapor condensation cloud condensation nuclei
26.	08.02.2023	Curvature and solution effects growth of cloud droplets in warm clods
27.	09.02.2023	Growth by condensation, growth by collection, growth by condensation and collision coalescence.
28.	10.02.2023	Microphysics of cold clouds – nucleation of ice particles, ice nuclei
29.	13.02.2023	Growth of ice particles in clouds, formation of precipitation in cold clods.
30.	14.02.2023	Quiz


 Signature of the Coordinator

Course Structure & Syllabus

30 hrs:

OBJECTIVES:

- The main objective of the program is to know the importance of Applications of Nano Material for synthesis and self-assemble of their Nano Material.

COURSE OUTCOMES:

1. Emerging and potential applications of Nano materials will be considered in the final segment of the course
2. The goal of the course will be to prepare and train students in this evolving technology which lies at the interfaces of chemistry, physics and biology.

UNIT-I (6 Hours):

Introduction: Definitions and course organization and Historical development of Nanomaterials, classification of Nano materials.

UNIT-II (6 Hours):

Fundamentals:

- (i) Size & Scale Units, Scaling Atoms, molecules, clusters and supramolecular
- (ii) structure. and Bonding in Nanomaterials, Chemical Bonds (types and Strength). Intermolecular and Crystalline structures, Hierarchical Structures, Bulk to Surface transition, Surface reconstruction

UNIT-III (6 Hours):

Nano material characterization Techniques: Scanning and Transmission Electron microscopy, Scanning probe microscopies: Atomic Force, scanning tunneling microscopy, Diffraction and scattering techniques, vibrational Spectroscopy, surface techniques

UNIT-IV (6 Hours):

Nano-electronics Nano optics, Nanoscale chemical- and bio-sensing, Biological/bio-medical applications photovoltaic, fuel cells, batteries and energy related applications, High strength nanocomposites, ENE Nano energetic materials

Co-Curricular Activities (6 Hours):

Seminar/ Quiz/ Assignments/ Practice

Prescribed Text Book: The Physics and Chemistry of Nano solids by Frank J. Owens and Charles P.

Pool Jr. Wiley - Inter science, 2008



IDEAL COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS, NAAC B)

**DEPARTMENT OF PHYSICS
OFFERING**

**A SIX WEEK VALUE ADDED
COURSE ON**

APPLICATIONS OF NANO MATERIALS

January 2019 to February 2019

Coordinator

Dr. S. V. G. V. A. Prasad
HOD 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:

Nanomaterials is designed to introduce advanced undergraduate and graduate students in chemistry, material Science, physics, electrical engineering and bio engineering to the emerging area of Nanotechnology that has the potential to revolutionize techniques by which materials and products will be created in the future with new and Superior property and functionalities and course will start with fundamental concepts and then proceed to nanoscale, phenomena and properties

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 2022-2023

Applications of Physics in Earth Sciences

S. No	Roll Number	Name of the Student	Signature
1.	2200402006	Bandaru Bala Pujitha	B. Balapujitha
2.	2200402009	Kottu chiranjeevi	K. chiranjeevi
3.	2200402013	Angadi Dwiteesha Rani	A. Dwiteesha Rani
4.	2200402018	Tangi Jagadeesh	T. Jagadeesh
5.	2200402022	Vasaka Keerthana	V. Keerthana
6.	2200402028	Joda Manohar	J. Manohar
7.	2200402029	Ponduru Moukthika	p. moukthika
8.	2200402033	Pulugu Naveen	P. Naveen
9.	2200402036	Annamreddy Raja	A. Raja.
10.	2200402044	Swarna Sai Lakshmi	S. S. Lakshmi
11.	2200402051	Garikina Sirisha	G. Sirisha.
12.	2200402059	Telu Subrahmanyam	T. Subrahmanyam
13.	2200402061	Kukka Subrahmanyam	K. Subrahmanyam
14.	2200402065	Chintha Veera Babu	Ch. veerababu
15.	2200402075	Madavarapu Vijay Kumar	M. Vijaykumar
16.	2200402082	Anala Venkatesh	A. Venkatesh
17.	2200402106	Malladi Dandidasu	M. Dandidasu.
18.	2200402109	Gara Hema	G. Hema

19.	2200402112	Putta Kiran Kumar	P. Kiran Kumar
20.	2200402114	Vasamsetti Mahesh	v. mahesh
21.	2200402137	Jaldani Vanitha Kumari	J. vanitha Kumari
22.	2200402202	Adla Akash	Adla Akash
23.	2200402206	Nadigatla Chinna	N. chinna.
24.	2200402210	Ijjapu Divya	I. Divya.
25.	2200402217	Cheepuri Harathi Gowri	ch. Harathi Gowri
26.	2200402219	Koppana Lakshman	K. Lakshman
27.	2200402227	Pampoti Naveen	P. Naveen
28.	2200402232	Koppiseti Roopa	K. Roopa
29.	2200402236	Dimmala Santhi Raju	D. Santhi Raju
30.	2200402241	Revuri Surendra	R. Surendra



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 “Applications of Physics in earth science” organized by Department of Physics

(January 2023 to February 2023)

Resource Person : Sri S. Ayyappa Swamy
Assistant Professor of Physics
Ideal College of Arts and Sciences(A),
Kakinada
Mobile: 7032337801
Email-Id: swamisamidala22@gmail.com

Coordinator : Sri G. Raju
HOD, Physics
Ideal College of Arts and Sciences(A),
Kakinada
Mobile: 9652978708
Email-Id: r1a2j3u4phy@gmail.com

Objectives:

Students to know the applications of physics in the field of Earth Sciences.

Topics Covered:

This course is intended for the students to know the applications of physics in the field of Earth sciences. It helps in finding and understanding the Physical concepts of Physics in easy way.

Unit-1: GRAVITY AND MAGNETIC GEOPHYSICAL METHODS

Earth's Gravity field. Properties of Newtonian potential, Laplace's and Poissons's equations, Green's theorem. Gauss law, concept of gravity anomaly. Earth's main magnetic field. origin and temporal variations (outlines only), Geomagnetic elements, Vectorial representation, spatial variation, Basic concepts. Coulombs law of magnetic force and fields, Magnetic anomalies.

Unit-2: RESISTIVITY AND ELECTROMAGNETIC GEOPHYSICAL METHODS Principle of electrical methods of prospecting - Electrical fields in Geophysics-current and potential in the Earth. Electromagnetic Induction. Primary-Secondary field relations. Vector Diagram- Real and Imaginary components resolving.

Unit-3: ATMOSPHERIC THERMODYNAMICS

Gas Laws, Hydrostatic Equation - Geopotential. Reduction of pressure to sea Adiabatic Processes—the dry adiabatic lapse rate. Water Vapor in Air-moisture parameters. The second law of Thermodynamics the Carnot cycle, Entropy, the Clausius Clapeyron equation.level. The First Law of Thermodynamics-Joule's law, specific heats, Enthalpy.

Unit-4: ATMOSPHERIC DYNAMICS

Forces governing the atmospheric motions and their classifications as body and surface forces. conservative and nonconservative forces, equation of motion in rotating frame. Coriolis force and its physical nature.

Unit-5: CLOUD PHYSICS

Nucleation of water vapor condensation-cloud condensation nuclei. Curvature and solution Effects Growth of cloud droplets in warm clouds Growth by condensation, growth by collection, growth by condensation and Collision - Coalescence, Microphysics of cold clouds-nucleation of ice particles ice nuclei, growth of ice particles in clouds, formation of precipitation in cold clouds.

Outcomes of the Course:

After successful completion of Value – Added course

1. Students can helps in finding and understanding the physical concepts of physics in easy way
2. Students can understand physics concepts and their application to relent problems in the earth.

Number of Participants: 30 Members


Signature of the Coordinator

IDEAL COLLEGE OF ATRS & SCIENCES
AUTONOMOUS & NAAC B
Kakinada

DEPARTMENT OF PHYSICS

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

From.....

Has completed Six week value – added course on

”Application of physics in Earth sciences”

Conducted by the Department of physics,

Ideal college of Arts & sciences (A), Kakinada,

From January 2023 to February 2023


Sri.S.Ayyappa Swami
Resource person


Sri.G.Raju
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

VIDYAPRANGANAMKAKINADA

NOTICE

Dt: 23-12-2022

All the I BCA(Data Science) students are here by informed that Department of Computer Science conducting A Four-week value added course on "Introduction of Coding for App Development by using Scratch Programming" from January 2023 to February 2023.

Interested candidates are register their names with Sri P.P.R.Mohan , H O D Computer Science and Course coordinator on or before 31.12.2022.

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

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

BCA (Data Science)
**“Introduction of Coding for App Development by using
Scratch Programming”**

Day Wise Course Schedule

Day	Date	Topic
1	2-1-2023	Introduction to Course
2	3-1-2023	Students introduce themselves and receive an overview of Scratch.
3	4-1-2023	Introduction to Scratch
4	5-1-2023	Students learn the layout of Scratch and are introduced to several types of coding blocks.
5	6-1-2023	Movement Students learn how to create movement in their Scratch programs.
6	7-1-2023	Warmups Students start each day with a quick Scratch activity that reviews a previous concept or introduces a new one.
7	9-1-2023	Students learn about colour changes and costumes in Scratch. Creating Sprites
8	10-1-2023	Students learn how to create new characters in Scratch. Warmups
9	17-1-2023	Pens Students learn how to draw lines and shapes using the Pen feature in Scratch.
10	18-1-2023	Sounds Students experiment with sound effects by creating melodies, layering

		sounds, and recording their own.
11	19-1-2023	Warmups Students start each day with a quick Scratch activity that reviews a previous concept or introduces a new one.
12	20-1-2023	Review Students catch up and review the material they have covered.
13	21-1-2023	Mini-Project: Movie Students complete an animation project to demonstrate what they have learned so far about Scratch.
14	23-1-2023	Assignment
15	24-1-2023	Conducting Seminar
16	25-1-2023	Scratch-a-Thon Students review what we learned in Week 2 to begin designing games.
17	27-1-2023	Logic: Students learn how to enter conditional commands into Scratch.
18	28-1-2023	Inputs: Students learn how to incorporate keyboard and mouse commands in Scratch. Broadcasting: Students learn how to create commands that cause changes in the game environment.
19	30-1-2023	Warmups Students start each day with a quick Scratch activity that reviews a previous concept or introduces a new one.
20	31-1-2023	Random Numbers Students discuss how to implement random numbers in their programs. Introduction to Variables Students learn about variables and how they can be used in games. Continuing Variables Students continue to learn about variables and create a game
21	1-2-2023	Mini Project - Balloon Shooter Students apply knowledge of logic and variables to create a Balloon Shooter game.

22	2-2-2023	Conducting Seminar on Mini-Project
23	3-2-2023	Introduction to Final Project Students learn the expectations for the final project and begin work on it.
24	4-2-2023	Assignment
25	6-2-2023	Conducting Quiz
26	7-2-2023	Practicing in Lab
27	8-2-2023	Practicing in Lab
28	9-2-2023	Continuing Final Projects Students continue working on their final projects.
29	10-2-2023	Conducting Seminar
30	11-2-2023	Sharing Projects Students share their final projects with the class.


Signature of the Coordinator

Course Structure & Syllabus

30hrs

Objectives:

Student can learn

- 1 Programming
- 2 Game Modifications
- 3 Constructions and Design

Outcome of the Course:

By using Scratch Programming student can gain Thinking creatively, Communicating clearly, Analyzing systematically, Using technologies fluently, Designing iteratively and learning continuously

UNIT-1: Scratch (6 Hours)

Students learn about Scratch and how to program with it.

UNIT-2: Movement & Appearance (6 Hours)

Students learn how to make characters in Scratch move and speak. Students learn how to modify the appearance of their characters through colors and costumes.

UNIT-3: Character Creation & Logic (6 Hours)

Students learn how to create their characters in Scratch. Students learn various logic commands that are used in programming.

UNIT-4: Projects (6 Hours)

Students create a short movie, a simple game, and other projects to display what they have learned

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**

VALUE ADDED COURSE

ON

**"Introduction of Coding for App
Development By Using Scratch
Pogramming"**

(January 2023 to February 2023)



Certificates Will Provided On Successful Completion Of The Course

Resource Person

Smt.G.Subbalakshmi

DEPARTMENT OF COMPUTER SCIENCE
IDEAL COLLEGE OF ARTS & SCIENCES
KAKINADA

Co-Ordinator

Mr.P.P.R.Mohan

HOD, DEPARTMENT OF COMPUTER SCIENCE
IDEAL COLLEGE OF ARTS & SCIENCES
KAKINADA

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 Jawaharal 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 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 2022-2023

List of Students

S.No	Roll No	Student Name	Signature
1	2220406001	K Harika	K. Harika
2	2220406002	A Satyanarayana	A. Satyanarayana
3	2220406003	B Lakshmi Bhargavi	B. Bhargavi
4	2220406004	C Siva Manikanta	Ch. Sivamanikanta
5	2220406005	E Ravi Teja	E. Ravi Teja
6	2220406006	E Uma Shankar	E. Uma Shankar
7	2220406007	G Sai Krishna	G. Sai Krishna
8	2220406008	G Santosh Kumar	G. Santosh Kumar
9	2220406009	G Hanusha	G. Hanusha
10	2220406010	A Sanjay Kumar	G. Sanjay Kumar
11	2220406011	KSatya	K. Satya
12	2220406012	K MeghanaSree	K. Meghana Sree
13	2220406013	K UdaySai	K. Uday Sai
14	2220406014	K Venkata Siva	Venkat Siva
15	2220406015	K. Kumar Raja	K. Kumar Raja
16	2220406016	K Rama Tulasi	K. Rama Tulasi
17	2220406017	M Samba Siva Rao	M. Samba Siva Rao
18	2220406018	P SaiPrakash	P. Sai Prakash
19	2220406019	P VeeraDurgaBhavani	P. V. D. Bhavani
20	2220406020	P. V. Kalyan Sri Ram	P. V. Kalyan
21	2220406021	P Ajesh Kumar	P. Ajesh Kumar
22	2220406022	P.S.N.D.Pavan Prasad	P. PAVAN
23	2220406023	P Kiran Kumar	P. Kiran Kumar
24	2220406024	S SaiTeja	S. Sai Teja
25	2220406025	S Vishnu Vardhan	S. Vishnu Vardhan
26	2220406026	S Naveen Kumar	S. Naveen
27	2220406027	T Bala Tripura	T. Bala Tripura
28	2220406028	V Veeranjanyulu	V. Veeranjanyulu



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

VALUE-ADDED COURSE REPORT

**A Four-week Value-Added Course on “Introduction of Coding
for App Development by using Scratch Programming”**

Organized by Department of Computer Science

(January 2023 – February 2023)

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

Coordinator : Sri P.P.R. Mohan,
H.O.D Department of Computer Science
Ideal College of Arts & Sciences, Kakinada
Email: hodsd@idelcollege.edu.in
Contact Number: 9985221118

OBJECTIVES:

1. Programming

Students are introduced to several programming concepts and practice implementing them using Scratch software.

2. Game Modifications

Student’s design, modify and create games and movies using programming in Scratch.

3. Constructions and Design

Student’s practice building and designing. We do robots to be programmed using Scratch software

Topics Covered :

UNIT – I

Scratch

Students learn about Scratch and how to program with it.

UNIT – II

Movement

Students learn how to make characters in Scratch move and speak. Appearances

Students learn how to modify the appearance of their characters through colours and costumes.

UNIT-III

Character Creation

Students learn how to create their own characters in Scratch. Logic

Students learn various logic commands that are used in programming.

UNIT-IV

Projects

Students create a short movie, a simple game, and other projects to display what they have learned

Outcome of the Course:

By using Scratch Programming student can gain Thinking creatively, Communicating clearly, Analyzing systematically, Using technologies fluently, Designing iteratively and learning continuously

Number of Participants: 27 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
"Introduction of coding for APP Development by using Scratch Programming" Conducted by the
Department of Computer Science ,
Ideal College of Arts & Sciences(A), Kakinada,
from January 2023 to February 2023*

G. Subbalakshmi
Smt. G. Subbalakshmi
Resource Person

P. PPR. Mohan
Mr. PPR. Mohan
Co-Ordinator

T. Satyanarayana
T. Satyanarayana
Principal
Principal
Ideal College of Arts & Sciences
KAKINADA

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

NOTICE

Dt.02.01.2023

All the II B.Sc., (B.Z.C) students are hereby informed that Department of Botany is conducting A Three – week value added course on “Miniature Gardens – Gardening in limited space” from January, 2023 to February, 2023.

Interested candidates are requested to register their names with Smt K.Supriya, Assistant Professor of Botany and Course Coordinator on or before 18.01.2023.

T. Sarbjanyale
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 BOTANY

Value added Course for the year 2022-2023

**A Three Week Value Added Course on “Miniature Gardens – Gardening
in Limited space”**

Day Wise Course Schedule

S.No	Date	Topic
1.	03-01-2023	Scope & Objectives of Gardening
2.	04-01-2023	Various styles of Gardens
3.	05-01-2023	Formal gardens
4.	06-01-2023	Informal gardens
5.	07-01-2023	Garden tools
6.	09-01-2023	Potting soil
7.	10-01-2023	Types of propagation
8.	11-01-2023	Assignment – I
9.	18-01-2023	Main Principles of Garden
10.	19-01-2023	Making of terrarium & kokedama
11.	20-01-2023	Vertical garden preparation
12.	21-01-2023	Small area greening
13.	23-01-2023	Plants suitable for office space

14.	24-01-2023	Air purifier plants
15.	25-01-2023	Assignment – II
16.	27-01-2023	Importance of kitchen & Balcony gardens
17.	28-01-2023	Layout of kitchen & Balcony gardens
18.	30-01-2023	Preparation of composting
19.	01-02-2023	Assignment – III
20.	02-02-2023	Gardening management operations
21.	03-02-2023	Soil laying, manuring
22.	04-02-2023	Water management
23.	06-02-2023	Pests and diseases
24.	07-02-2023	Curing operations
25.	08-02-2023	review


Signature of the Coordinator

Course Structure & Syllabus

OBJECTIVES:

To facilitate self-employment.
Design garden in limited space
Indoor Plants for air purification and providing ambience.

COURSE OUTCOMES:

After Successful Completion of Value-added Course
Design garden in limited space
Indoor Plants for air purification and providing ambience.
Vertical gardens and terrariums
Grow organic herbs for consumption

UNIT - I

Scope and objectives of gardening and style of gardens:
Formal, Informal, gardening tools potting soil, types of propagation.

UNIT - II

Principles and making of terrarium and kokedama. Concept of vertical gardens small area greening. Plants suitable for office space aesthetic value, break office monotony, air purifier.

UNIT- III

Importance of layout and principles in kitchen and balcony garden, composting and micro greens.

UNIT- IV

Gardening management operations: Soil laying, manuring, watering management of pests and diseases with complete cure.

Co-Curricular Activities: Student Seminar, Assignment, Practice

Prescribed Text Book : Miniature Gardens/Gardening in Limited Space: Isabelle Palmer, D.H. Galhena.



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

DEPARTMENT OF BOTANY
OFFERING

**A THREE WEEK VALUE ADDED
COURSE**

ON

**MINIATURE GARDENS/GARDENING IN
LIMITED SPACE**

January 2023 - February 2023

Coordinator

Smt. K. Supriya
Assistant Professor of
Botany
Ideal College of Arts and
Sciences(A), Kakinada

Resource Person

Ms. D. Durga Bhavani
HOD, 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 is about creating a small space edible garden, with a focus on container gardening. It's perfect for renters, people who live in apartments or condos or those who don't have the space (or time) to dedicate to a big garden.

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 2022-2023

Miniature Gardens/Gardening in limited space

S.No	Roll Number	Name of the Student	Signature
1.	2210402502	APPANNABABU BUDDA	B. Appannababu.
2.	2210402505	BHUMIKA NAGA MANI AMALADASU	A.B. Nagar
3.	2210402506	CHAKRAVARTHI MOTUKURI	m.chakravarthi
4.	2210402507	DIVYASRI GUTTULA	G. Divya Sri
5.	2210402509	GIRIJON PESINGI	P. Girijon
6.	2210402510	HANU VIGNESH KEDARISSETTI	H. Hanu Vignesh
7.	2210402511	HEMA DANDI	H. Hema
8.	2210402513	JAYA SATYA SRI GINJALA	J. Jaya Satya
9.	2210402515	LEELA LAKSHMI KUMARI PENKE	P. Leela Lakshmi Kumari
10.	2210402519	MEGHANA MEDISSETTI	M. Meghana
11.	2210402520	MOHAN BALA KUMAR ROKALA	R. Mohan.
12.	2210402523	MURALI ARUGOLLU	A. murali
13.	2210402524	NARENDRA KARRI	K. Narendra
14.	2210402526	NITISH PINIPE	P. Nitish
15.	2210402529	PRIYANKA BATHULA	B. priyanka
16.	2210402530	RAJESH SINGAMPALLI	S. Rajesh
17.	2210402533	RAMA LOKESH GANTIMALLA	R. Rama Lokesh
18.	2210402534	RAMYA JANIPPELLA	J. Ramya

19.	2210402535	RAVI KISHORE JUVVALA	J Ravi kishore
20.	2210402536	RUPA PESINGI	P. Rupa
21.	2210402538	SAILAJA PRASADULA	P. Sailaja
22.	2210402544	SOWMYA PRIYA DARSHINI VANKALA	V.S. Priya darshini
23.	2210402545	SRIRAMA VARMA SANGADI	S.S. R. Varma
24.	2210402551	VENKATA BHAGYA LAKSHMI BATHULA	B.V. Bhagya Lakshmi



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

VALUE ADDED COURSE REPORT

A Three week Value-added Course on “Miniature Gardens/Gardening in limited space” organized by Department of Botany

(January 2023 – February 2023)

Resource Person : Ms. D. Durga Bhavani
HOD, Botany
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: dudaladurgabhavani03@gmail.com
Contact Number: 9676006768

Coordinator : Smt. K. Supriya
Assistant Professor of Botany
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: supriyajeeth@gmail.com
Contact Number: 8074279089

Objectives:

To facilitate self-employment.

- Design garden in limited space
- Indoor Plants for air purification and providing ambience.

Topics Covered:

UNIT I

Scope and objectives of gardening and style of gardens: Formal, Informal, gardening tools potting soil, types of propagation.

UNIT II

Principles and making of terrarium and kokedama. Concept of vertical gardens small area greening. Plants suitable for office space aesthetic value, break office monotony, air purifier.

UNIT III

Importance of layout and principles in kitchen and balcony garden, composting and micro greens.

UNIT IV

Gardening management operations: Soil laying, manuring, watering management of pests and diseases with complete cure.

Outcomes of the Course:

After Successful Completion of Value-added Course

- Design garden in limited space
- Indoor Plants for air purification and providing ambience.
- Vertical gardens and terrariums
- Grow organic herbs for consumption

Number of Participants: 30 Members


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 Three week value added course on
“**Miniature Gardens/Gardening in limited space**” conducted by the Department
of Botany, Ideal College of Arts and Science(A), Kakinada, from January 2023 to
February 2023.

D. Durga Bhavani
Ms. D. Durga Bhavani
Resource Person

K. Supriya
Smt. K. Supriya
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.28.12.2022.

All the I B.A students are hereby informed that Department of Economics is conducting A Four – week value added course on “**Introduction to Mathematics**” from January 2023 to February 2023.

Interested candidates are requested to register their names with Dr. D. Steeven Raju, HOD, Economics and Course Coordinator on or before 03.01.2023.

T. Salyanarayana
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 2022-2023

A Four Week Value Added Course on “Introduction to Mathematics”

Day Wise Course Schedule

S.No	Date	Topic
1.	03-01-2023	Variables of Equations
2.	04-01-2023	Sets of Equations
3.	05-01-2023	Functions of Equations
4.	06-01-2023	Identities of Equations
5.	07-01-2023	Systems of Equations
6.	09-01-2023	Application of Straight-line system
7.	10-01-2023	slope of the Line
8.	11-01-2023	homogenous function
9.	18-01-2023	Assignment – I
10.	19-01-2023	Student Seminar
11.	20-01-2023	Introduction to Algebra quadratic
12.	21-01-2023	Expression – Linear Evolution.
13.	23-01-2023	Elements of Matrix Algebra
14.	24-01-2023	Properties of determinants

15.	25-01-2023	Inverse of a Matrix
16.	27-01-2023	Solving of simultaneous equations by cramer's Rule
17.	28-01-2023	Assignment – II
18.	30-01-2023	Student Seminar
19.	01-02-2023	Definition
20.	02-02-2023	f Differentiation of a function
21.	03-02-2023	Maxima and minima Equilibrium of a firm
22.	04-02-2023	Inter- relationships among total,,
23.	06-02-2023	marginal and average cost and Revenues
24.	07-02-2023	Number systems
25.	08-02-2023	Permutations and combinations.

F. Stevanay Rev?

Signature of the Coordinator

Course Structure & Syllabus

OBJECTIVES:

Comprehend, analyse, synthesise, evaluate, and make generalizations so as to solve mathematical problems. Collect, organize, represent, analyse, interpret data and make conclusions and predictions from its results. apply mathematical knowledge and skills to familiar and unfamiliar situations.

COURSEOUTCOMES:

After Successful Completion of Value-added Course

In math, an outcome is a result of an event that depends on probability, and any event can have more than one possible outcome.

UNIT I

Basic Concepts:

Variables, Sets, Functions, Equations, Identities, Systems of Equations, Application of Straight-line system, slope of the Line, homogenous function.

UNIT II

Elements of Algebra:

Introduction: Introduction to Algebra quadratic Expression – Linear Evolution.

UNIT III

Elements of Matrix Algebra:

Properties of determinants, Inverse of a Matrix, Solving of simultaneous equations by cramer's Rule

UNIT IV

Definition – f Differentiation of a function: Elasticities; Maxima and minima Equilibrium of a firm and consumer.

UNIT V

Inter- relationships among total, marginal and average cost and Revenues; Number systems, Permutations and combinations.

Co-Curricular Activities: Student Seminar, Assignment, Practice

Prescribed Text Book: D. Bose



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

**DEPARTMENT OF ECONOMICS
OFFERING**

A FOUR WEEK VALUE ADDED COURSE

ON

“INTRODUCTION TO MATHEMATICS”

January 2023 – February 2023

Coordinator

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

Resource Person

Dr. M. Bala Swmay
Lecturer in Economics
Government Degree College
Alamuru

**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

Mathematics is the science and study of quality, structure, space, and change. Mathematicians seek out patterns, formulate new conjectures, and establish truth by rigorous deduction from appropriately chosen axioms and definitions.

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 2022-2023

List of Students

S.No	Roll Number	Name of the Student	Signature
1.	2210401037	VAMSI YEDIDA	V. Vamsi.
2.	2210401038	VARA PRASAD KADIYALA	K. V. Prasad
3.	2210401039	VEERA BABU PAKALAPATI	P. V. Babu.
4.	2210401040	VEERA DURGA PRASAD GUFALA	G. V. D. Prasad.
5.	2210401041	VEERA SATYA SARAN VAMSI KADA	K. V. S. S. Vamsi
6.	2210401042	VEERA SUBBALAKSIMI PITHANI	P. V. V. Subbalaksh
7.	2210401043	VEERA VENKATA DURGA PRASAD PYLA	P. V. V. D. Prasad.
8.	2210401044	VENKATA MAHESH SRIKALA	S. V. Mahesh.
9.	2210401045	VENKATA RAO NALLA	N. Venkatarao.
10.	2210401046	VENKATESWARA RAO SARA	S. V. Rao.
11.	2210401047	VIJAYA PULI	P. Vijaya
12.	2210401048	VINAY GUTHURTHI	G. Vinay.
13.	2210401049	VINAY KUMAR VADDI	V. V. Kumar
14.	2210401050	VISHNU MIDDIYAM	M. Vishnu.



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 Mathematics”
organized by Department of Economics**

(January 2023 – February 2023)

- Resource Person** : Dr. M. Bala Swamy
Lecturer in Economics
Government Degree College
Alamuru
- Coordinator** : Dr. G. Steeven Raju
HOD, Economics
Ideal College of Arts and Sciences(A),
Kakinada

Objectives:

Comprehend, analyse, synthesise, evaluate, and make generalizations so as to solve mathematical problems. Collect, organize, represent, analyse, interpret data and make conclusions and predictions from its results. apply mathematical knowledge and skills to familiar and unfamiliar situations.

Topics Covered:

UNIT I

Basic Concepts:

Variables, Sets, Functions, Equations, Identities, Systems of Equations, Application of Straight-line system, slope of the Line, homogenous function.

UNIT II

Elements of Algebra:

Introduction: Introduction to Algebra quadratic Expression – Linear Evolution.

UNIT III

Elements of Matrix Algebra:

Properties of determinants, Inverse of a Matrix, Solving of simultaneous equations by cramer's Rule

UNIT IV

Definition – f Differentiation of a function: Elasticities; Maxima and minima Equilibrium of a firm and consumer.

UNIT V

Inter- relationships among total, marginal and average cost and Revenues; Number systems, Permutations and combinations.

Outcomes of the Course:

After Successful Completion of Value-added Course

In math, an outcome is a result of an event that depends on probability, and any event can have more than one possible outcome.

Number of Participants: 14 Members

F. Stevely Ren

Signature of the Coordinator



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

DEPARTMENT OF ECONOMICS

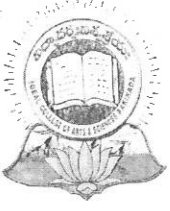
CERTIFICATE

This is to certify that Mr./Ms./Mrs. _____

From _____ has completed Four week value added course on
“Introduction to Mathematics” conducted by the Department of Economics,
Ideal College of Arts and Science(A), Kakinada, from January 2023 to February
2023.

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
(AP. Govt. Aided Autonomous NAAC B)
Dr. P.V.N. RAJU VIDYAPRANGANAM
KAKINADA

NOTICE

Dt: 27-12-2022

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 “**Personality Development**” from January 2023 to February 2023.

Interested candidates are requested to register their names with Sri U Nani Babu, HOD, Department of English on or before 07.01.2023.

T. Subhanyam
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 ENGLISH

Value added Course for the year 2022-2023

“Personality Development”

Day Wise Course Schedule

S.No	Date	Topic
1.	09-01-2023	Definition
2.	10-01-2023	Assertiveness
3.	17-01-2023	Classification
4.	18-01-2023	Importance of Assertiveness
5.	19-01-2023	Assignment – I
6.	20-01-2023	Student Seminar
7.	21-01-2023	Real time examples by the students
8.	23-01-2023	Goals Setting
9.	24-01-2023	Types of Goals
10.	25-01-2023	Why Goals fail?
11.	27-01-2023	Assignment – II
12.	28-01-2023	Body language
13.	30-01-2023	Practice

14.	31-01-2023	Positive Attitude
15.	01-02-2023	Importance of Positive Attitude
16.	02-02-2023	Student seminar
17.	03-02-2023	Real time examples by the students
18.	04-02-2023	Assignment – III
19.	06-02-2023	Leadership qualities
20.	07-02-2023	Is it Important in this 21 st century?
21.	08-02-2023	Real time examples by the students
22.	09-02-2023	Student seminar
23.	10-02-2023	Values in Education
24.	13-02-2023	What are the Values in Education?
25.	14-02-2023	Classification
26.	15-02-2023	Practices
27.	16-02-2023	Real time examples by the students
28.	17-02-2023	Assignment – VI
29.	19-02-2023	Overall view on the topics
30.	20-02-2023	Review


 Signature of the Coordinator

Course Structure & Syllabus

30 hrs.

OBJECTIVES:

- Distinguish between assertive, aggressive, and passive responses, and describe the cause and effect relationship of each.
- Objectives should be specific, concise, observable, and measurable. Each learning objective should target one particular aspect of student performance and be expressed with a single action verb.
- Accurately interpret a range of non-verbal signals. Increase your awareness of cultural variations.

COURSE OUTCOMES:

- Student will be able to understand Assertiveness allows us to communicate our thoughts, beliefs, opinions, and emotions in a positive and confident way - being neither passive nor aggressive
- Student will be able to categorize It is important that goals are set in a way such that we focus on the process and performance rather than the outcome of competition.
- Student will be able to Understand the importance of value education can be understood through its benefits as it develops physical and emotional aspects, teaches mannerism, and develops a sense.

Module I 10 hours

Assertiveness is a skill regularly referred to in social and communication skills training.

Being assertive means being able to stand up for your own or other people's rights in a calm and positive way, without being either aggressive, or passively accepting 'wrong'.

Module II 10 hours

Goal setting refers to the process of setting specific, attainable targets for individuals or groups. It is a motivational technique which can help the employees to understand the business goals, and motivate them to rise to the challenges. Goal settings have to be specific, measurable, achievable, realistic and time bound

Module III 10 hours

Good leaders possess self-awareness, garner credibility, focus on relationship-building, have a bias for action, exhibit humility, empower others, stay authentic, present themselves as constant and consistent, become role models and are fully present.



IDEAL COLLEGE OF ARTS AND SCIENCES

Autonomous & NAAC B

DEPARTMENT OF English OFFERING

A FOUR WEEK VALUE ADDED COURSE

ON

“Personality Development”

(January 2023 - February 2023)

Coordinator

Resource Person

Sri.K Naresh Babu
HOD, English
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: nareshkumar123 @gmail.com
Contact Number: 9866031348

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 2022-2023

"Personality Development"

S.No	Roll Number	Name of the Student	Signature
1.	2220402001	BHASKARA V V SATYANARAYANA KANTIPUDI	K.B. Satyanaya
2.	2220402002	GANGADHAR BALLA	B. GANGADHAR
3.	2220402003	PAVAN SESHAI SAI CHERUKURI	Ch. pavan seshai sai
4.	2220402004	SATYA NAGENDRA APPANNA BADHANAPALLI	B. S narendra
5.	2220402005	UMA KRISHNA PRASAD YANDAMURI	V KRISHNA PRASAD
6.	2220402006	VEERA CHAKRA ULISETTI	v. chakra
7.	2220402007	VEERA DATTA GANGADHAR GALLA	sv. gangadhar.
8.	2220402008	VEERA VENKATA SATYANARAYANA GALLA	sv. Satyanarayana
9.	2220402009	KIRAN KUMAR CHODE	CH. kiran kumar.
10.	2220402201	ARAVIND MUPPIDI	M. Aravind.
11.	2220402202	BALA NAGA RAMYA SRI BHIMANADHAM	B. Ramya sri
12.	2220402203	BHARGAVI ELLA	B. ELLA
13.	2220402204	CHANDRAYYA MANDI	M. CHANDRAYYA.
14.	2220402205	CHINNA RAJESH LINGAM	Ch. Rajesh Lingam.
15.	2220402206	DILEEP KUMAR KANCHI	K. Dileep kumar
16.	2220402207	DURGA PRASAD REKADI	Durga prasad
17.	2220402208	KAMESH CHANDRA PEMMADI	K.C. pemmadi
18.	2220402209	KIRAN KISHORE KALADI	K. Kishore
19.	2220402210	KIRAN KUMAR REDDI	K.K. Reddi
20.	2220402211	KRISHINA MURRE	M. KRISHINA MURRE
21.	2220402212	KUMARASWAMY ARADADI	kumara swamy A

22.	2220402213	MAHESH YELLA	Y. Mahesh
23	2220402214	MANEESH MOLLU	M. Maneesh
24	2220402215	MANIKANTA KONA	K. Manikanta
25	2220402216	MANIKANTA SWAMY POTU	P. Manikanta
26	2220402401	CHANDRA SEKHAR ARADADI	A. Chandrashekar
27	2220402402	DHARMENDRA KOPPADI	K. DHARMENDRA
28	2220402403	DURGA NAGALAKSHMI KADIYAM	D. Durga Rao
29	2220402404	DURGA RAO DOMA	D. DURGA RAO
30	2220402405	LAKSHMI VEERA VENKATA DURGA SATISH GALLA	D.V.V. Veeravenkatesh
31	2220402406	MANI RATNAM DUNNA	D. Mani Ratnam
32	2220402407	NAGESWARA RAO RASAMSETTY	R. NAGESWARA
33	2220402408	PRADEEP PENKE	P. pradeep
34	2220402409	PUSHPA SAI MOUNIKA CHAGANTI	C.H.P.S. Mounika
35	2220402410	RAGHAVENDRA VENNA	V. Raghavendra
36	2220402411	SAI PRAVEEN BODDU	B. Sai Praveen
37	2220402412	SRI RAMULU KANDA	Kanda Ramulu
38	2220402413	SRINIVAS BASSA	B. Srinivas
39	2220402414	SRINIVASA VARA PRASAD ADADADI	A.S.V. Prasad
40	2220402415	SRIRAM VADAPARTHI	A. Sriram
41	2220402416	SURENDRA MUTHYALA	M. Surendra
42	2220402417	VEERA BABU RANGANADHAM	R. Veera Babu
43	2220402418	VEERA BABU SURARAPU	S. Veera Babu
44	2220402419	VENKATA MANIKANTA KOSIREDDY	N. Venkatesh
45	2220402420	VENKATA SUBRAHMANYAM PEKETI	P. Subrahmanyam
46	2220402401	CHANDRA SEKHAR ARADADI	C.S. Aradadi
47	2220402501	BHAVANI KASI	K. Bhavani
48	2220402502	BHAVANI PRASAD VEMPATAPU	B. Prasad
49	2220402503	CHANDRA SEKHARA DORA KARAM	C. Dorekaram
50	2220402504	HARISH BURUGU	B. Harish



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
“Personality Development”
organized by Department of English
(January - 2023 – February - 2023)

SYLLABUS

1. Assertiveness

Being assertive means communicating with others in a direct and honest manner without intentionally hurting anyone's feelings. Direct communication can reduce conflict, build self-confidence and enhance personal and work relationships. Assertiveness is a skill that anyone can learn.

2. Goals Setting

Goal-setting is the process of identifying something you want to accomplish and establishing measurable and specific objectives to achieve it. Goals are your desired results that you or your team are committed to achieving within a specific time frame.

3. Body language

Body language is a range of nonverbal signals that you can use to communicate your feelings and intentions. These include your posture, facial expressions, and hand gestures. Your ability to understand and interpret other people's body language can help you to pick up on unspoken issues or feelings.

4. Positive Attitude

People with a positive mental attitude have an infectious way about them that compels others to gravitate in their direction. They're optimistic, uplifting, and don't give in to hopelessness even in the worst of times.

5. Leadership qualities

Good leaders possess self-awareness, garner credibility, focus on relationship-building, have a bias for action, exhibit humility, empower others, stay authentic, present themselves as constant and consistent, become role models and are fully present.

6. Values in Education

Values for Educational Leadership promotes critical thought and constructive analysis about underlying values that involve: Aims and moral purpose in education. Individual qualities in educational leadership. Vision in education.



**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

“Personality Development”

organized by Department of English

(January 2023 – February 2023)

Resource Person : Dr.Naresh Babu
Assistant Professor of English
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: drnareshbabu@gmail.com
Contact Number: 9948083647

Coordinator : Sri . U Nani Babu
HOD,
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: nanieng5@gmail.com
Contact Number: 9848807795

SYLLABUS

1.Assertiveness

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6.

Values in Education

Values for Educational Leadership promotes critical thought and constructive analysis about underlying values that involve: Aims and moral purpose in education. Individual qualities in educational leadership. Vision in education.

Outcomes of the Course:

After Successful Completion of Value-added Course

1. **Student will be able to understand** Assertiveness allows us to communicate our thoughts, beliefs, opinions, and emotions in a positive and confident way - being neither passive nor aggressive
2. **Student will be able to categorize** It is important that goals are set in a way such that we focus on the process and performance rather than the outcome of competition.
3. **Student will be able to** Understand the importance of value education can be understood through its benefits as it develops physical and emotional aspects, teaches mannerism, and develops a sense.

Number of Participants: 50 Members


Signature of the Coordinator

No. _____
 విద్యార్థుడు _____

Pupils Attendance Register

పిల్లల హాజరుపట్టి

వర్గం నెంబర్: _____
 పాఠశాల పేరు: _____

6255 _____
 7255 _____

1	2	3	4	5	6	7	8	9
క్ర. సం.	పేరు	పేరు	అ	బ	స	ర	ఆ	ఇ
1.	K. Balakrishna v.v. Satyanarayana		a	r	a	p	p	p
2.	Govardhan Balla		p	a	p	a	a	p
3.	Pavan Sekh Sai. Ch.		p	a	p	p	p	a
4.	Satya nagesh .B		p	a	p	a	p	a
5.	Uma Krishna (Sivasid.Y)		p	a	p	a	p	a
6.	Veera Chakra .U		p	a	p	a	p	a
7.	Veera Datta (Sanghata)		p	p	p	p	a	a
8.	Veera Venkata Satyanarayana		a	p	a	p	p	a
9.	Veera Kumari. Ch		a	p	a	p	a	a
10.	Pravind .M		a	p	a	p	a	a
11.	E. N. Ramya Sri . B		a	p	p	a	p	a
12.	Shashank . Ella		p	p	p	p	a	a
13.	Chandrayya .M		p	p	a	p	a	a
14.	Chinna Rajesh . L		p	p	p	a	p	a
15.	Dileep Kumar Kanchi		p	p	p	a	p	a
16.	Durga Prasad .R		p	p	p	a	p	a
17.	Kamesh chandra .K		p	a	p	a	p	a
18.	Kiran Ushara .K		p	p	a	p	a	a
19.	Kiran Kumari .R.		p	p	a	p	a	a
20.	Krishna .M		p	p	a	p	a	a
21.	Kumaraswamy . A		p	p	a	p	a	a
22.	Nagesh Yella		p	a	p	a	p	a
23.	Maneesh Mella		p	p	a	p	a	a
24.	Manikanta Kona		p	p	a	p	a	a
25.	Manikanta Swamy .P		p	a	p	a	p	a
26.	Chandra Sekhori .A		a	p	a	p	a	a
27.	Dharmendra .K		p	p	a	p	a	a
28.	Durga naga lakshmi .K		p	p	a	p	a	a
29.	Durga Rao .D		p	a	p	a	p	a
30.	Lakshmi v.v. D. Sathya .G		a	p	p	a	p	a

విద్యార్థుల సంఖ్య: _____
 హాజరు ఉన్న వారి సంఖ్య: _____
 హాజరు లేని వారి సంఖ్య: _____

సం. _____
 సంవత్సరము _____

Pupils Attendance Register

పిల్లల హాజరుపట్టి

రెవెన్యూ సంఖ్య: _____
 పేరు: _____

తరగతి: _____
 స్థానం: _____

1	2	3	4	5												6		7	8	9
				సోమ	మంగళ	బుధ	గురు	శుక్ర	ఆది	వినయ	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి	విశ్రాంతి
31.	Nani Ratnam. Durna			a	p	a	p	p	a	a	p	a	p	p	p					
32.	nageswara Rao. R.			p	a	p	p	a	p	a	p	a	p	a	a					
33.	Budeep Penke			p	p	p	a	p	a	p	p	p	p	p						
34.	Puspha Sai. Anvika th			a	a	p	a	p	a	a	p	p	a	p						
35.	Paghendra. Venna			a	a	p	a	a	p	p	a	p	a	p						
36.	Sai Prakesh. Boddu			p	p	p	a	p	a	p	a	p	a	p						
37.	Sai Ramulu. Kanda			p	p	a	a	p	a	p	a	p	a	p						
38.	Srinivas Baka			a	p	p	p	p	p	p	p	p	p	p						
39.	Srinivaswara Prasad. A.			p	p	a	a	p	p	a	p	a	p	a						
40.	Sri Ram Vadaparthi			a	a	p	a	p	a	p	a	p	a	p						
41.	Surendra muthyala			p	p	a	p	a	p	a	p	a	p	a						
42.	Verababu Ranganaidhan			a	p	p	a	a	p	a	p	a	p	p						
43.	Verababu Sureshbabu			p	p	p	a	p	p	a	p	a	p	p						
44.	Venkata manilanta. K			p	p	a	a	p	a	p	a	p	a	p						
45.	Venkata Subramanyam. P.			a	a	p	p	a	p	a	p	a	p	a						
46.	Chandria Sekhri. A			p	p	a	p	p	p	p	a	p	a	p						
47.	Bavani Kasi			p	p	a	a	a	p	p	p	p	p	p						
48.	Shamini Prasad. V.			a	a	p	p	p	a	a	p	p	p	a						
49.	Chandria Selkhanaroba. K			a	p	p	p	p	p	a	a	p	p	p						
50.	Harish Ruzugu.			p	p	a	p	a	p	a	p	a	p	p						

ఉరయము హాజరు : బాలుడు బాలికలు
 ఉపాధ్యాయుని సంతకం: _____
 సాయంత్రం హాజరు : బాలుడు బాలికలు
 ఉపాధ్యాయుని సంతకం: _____

Handwritten signatures and marks in the bottom center of the page.

పాఠశాల పనిచేసిన తినములు
 స్థానం: _____
 తేదీ: _____



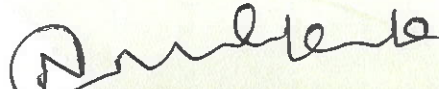
IDEAL COLLEGE OF ARTS AND SCIENCES
(Autonomous & NAAC B)
Dr. P.V.N. RAJU VIDYAPRANGANAM
KAKINADA

DEPARTMENT OF ENGLISH

CERTIFICATE

This is to certify that Mr./Ms./Mrs. _____
From _____ has completed Four week value added course on
“Personality Development” conducted by the Department of English, Ideal
College of Arts and Science(A), Kakinada, from January 2023 to February 2023.


Sri U. Nani Babu
Resource Person


Sri K. Naresh Babu
Coordinator


Dr. T. Satyanarayana
Principal


Ideal College of Arts and Sciences (A)
KAKINADA

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

NOTICE

Date: 02.01.2023

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 17.01.2023 to 18.02.2023

Interested candidates are register their names with Mr.V.Jeevan kanth (H.O.D of Airtificial Intelligence and Robotics) Course coordinator on or before 16.01.2023.

T. Subramanyam
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

Day	Topic	Date
1	Course Content <u>MS WINDOWS, COMPUTER BASICS</u> <ul style="list-style-type: none">• 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	17.01.2023
2	<u>MS WORD</u> Module 1: Text Basics <ul style="list-style-type: none">• Typing the text, Alignment of text• Editing Text: Cut, Copy, Paste, Select All, Clear• Find & Replace	17.02.2023
3	Module 2: Text Formatting and saving file <ul style="list-style-type: none">• New, Open, Close, Save, Save 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	18.01.2023

4	<p>Module 3: Working with Objects</p> <ul style="list-style-type: none"> • 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 	19.01.2023
5	<p>Module 4: Header & Footers</p> <ul style="list-style-type: none"> • Inserting custom Header and Footer • Inserting objects in the header and footer • Add section break to a document <p>Module 5: Working with bullets and numbered lists</p> <ul style="list-style-type: none"> • Multilevel numbering and Bulleting • Creating List • Customizing List style • Page bordering • Page background 	20.01.2023
6	<p>Module 6: Tables</p> <ul style="list-style-type: none"> • Working with Tables, Table Formatting • Table Styles 	21.01.2023

	<ul style="list-style-type: none"> • Alignment option • Merge and split option 	
7	<p>Module 7: Styles and Content</p> <ul style="list-style-type: none"> • 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 	21.01.2023
8	<p>Module 8: Merging Documents</p> <ul style="list-style-type: none"> • 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 	23.01.2023
9	<p>Module 9: Sharing and Maintaining Document</p> <ul style="list-style-type: none"> • Changing Word Options • Changing the Proofing Tools • Managing Templates • Restricting Document Access • Using Protected View • Working with Templates • Managing Templates • Understanding building blocks 	24.01.2023
10	<p>Module 10: Proofing the document</p>	25.01.2023

	<ul style="list-style-type: none"> • Check Spelling As You Type. • Mark Grammar Errors As You Type. • Setting AutoCorrect Options <p>Module 11: Printing</p> <ul style="list-style-type: none"> • Page Setup, Setting margins • Print Preview, Print 	
11	<p><u>MS EXCEL</u> Module 12: Introduction to Excel</p> <ul style="list-style-type: none"> • Introduction to Excel interface • Understanding rows and columns, Naming Cells • Working with excel workbook and sheets 	27.01.2023
12	<p>Module 13: Formatting excel work book:</p> <ul style="list-style-type: none"> • 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 	28.01.2023
13	<p>Module 14: Perform Calculations with Functions</p> <ul style="list-style-type: none"> • 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. 	30.01.2023

14	Module 15: Sort and Filter Data with Excel <ul style="list-style-type: none"> • Sort and filtering data • Using number filter, Text filter • Custom filtering • Removing filters from columns • Conditional formatting 	31.01.2023
15	Module 16: Create Effective Charts to Present Data Visually <ul style="list-style-type: none"> • 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 	02.02.2023
16	Module 17: Analyze Data Using Pivot Tables and Pivot Charts <ul style="list-style-type: none"> • Understand Pivot Tables, Create a Pivot Table • Framework Using the Pivot Table and Pivot Chart • Create Pivot Chart from pivot Table. • Inserting slicer • Creating Calculated fields 	03.02.2023
17	Module 18: Protecting and Sharing the workbook <ul style="list-style-type: none"> • 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	04.02.2023
18	Module 19: Use Macros to Automate Tasks	04.02.2023

	<ul style="list-style-type: none"> • Creating and Recording Macros • Assigning Macros to the work sheets • Saving Macro enabled workbook 	
19	<p>Module 20: Proofing and Printing</p> <ul style="list-style-type: none"> • 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 	06.02.2023
20	<p><u>MS POWERPOINT</u></p> <p>Module 21: Setting Up PowerPoint Environment:</p> <ul style="list-style-type: none"> • 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 	08.02.2023
21	<p>Module 22: Creating slides and applying themes</p> <ul style="list-style-type: none"> • 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 	09.02.2023
22		09.02.2023

	<p>Module 23: Working with bullets and numbering</p> <ul style="list-style-type: none"> • Multilevel numbering and Bulleting • Creating List • Page bordering • Page background • Aligning text • Text directions • Columns option 	
23	<p>Module 24: Working with Objects</p> <ul style="list-style-type: none"> • 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 	10.02.2023
24	<p>Module 25: Hyperlinks and Action Buttons</p> <ul style="list-style-type: none"> • Inserting Hyperlinks and Action Buttons • Edit Hyperlinks and Action Button • Word Art and Shapes 	13.02.2023
25	<p>Module 26: Working With Movies and Sounds</p> <ul style="list-style-type: none"> • Inserting Movie From a Computer File • Inserting Audio file • Audio Video playback and format options • Video options, Adjust options • Reshaping and bordering Video 	14.02.2023

26	<p>Module 27: Using SmartArt and Tables</p> <ul style="list-style-type: none"> • Working with Tables, Table Formatting • Table Styles • Alignment option • Merge and split option <p>Converting text to smart art</p>	15.02.2023
27	<p>Module 28: Animation and Slide Transition</p> <ul style="list-style-type: none"> • 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 	16.02.2023
28	<p>Module 29: Using slide Master</p> <ul style="list-style-type: none"> • Using slide master • Inserting layout option • Creating custom layout • Inserting place holders • Formatting place holders 	16.02.2023
29	<p>Module 30: Slide show option</p> <ul style="list-style-type: none"> • Start slide show • Start show from the current slide • Rehearse timing • Creating custom slide show <p>Module 31: Proofing and Printing</p> <ul style="list-style-type: none"> • Check Spelling As You Type • Setting AutoCorrect Options • Save as video • Save as JPEG files • Save as PowerPoint Show file • Print Preview, Print 	17.02.2023

Prescribed text book: Let us MS Office tools

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



IDEAL
COLLEGE OF ARTS & SCIENCES
AUTONOMOUS, NAAC - B
VIDYUTRAGAR, KAKINADA - 853005



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



Ideal College of Arts and Sciences

Autonomous, NAAC-B
Vidyutnagar, Kakinada
Value Added Course enrolment

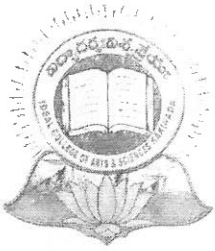
Value added Course Name: MS obbia tools (4 weeks)

Dates: 17/1/2023 to 18/2/2023

S.No.	Name	Roll Number	Course	Sem/Year	Signature
1	W. Paridha sai	2220402301	B.Sc ATR	1/1 year	W. Paridha
2	S. Venkanna babu	2220402302	B.Sc ATR	1/1 year	S. Venkanna
3	G. Manikanta	2220402303	B.Sc ATR	1/1 year	G. Manikanta
4	K. Satya Sai Revathi devi	2220402304	B.Sc ATR	1/1 year	K.S.S. Revathi
5	K. Pavani	2220402305	B.Sc ATR	1/1 year	K. Pavani
6	K.N. S. Krishna	2220402307	1/1	1/1	K.N.S.
7					
8	K.V.D. Prasad	2220402309	B.Sc ATR	1/1 year	K.V.D. Prasad
9	M.D. Mubiddin shawalli	2220402310	B.Sc ATR	1/1 year	M.D. Mubiddin
10	M. V. Durga Lakshma	2220402311	B.Sc ATR	1/1 year	M. V. Durga
11					
12	N. Veera babu	2220402314	"	"	N. Veera
13					
14	O. Manoj Kumar	2220402316	B.Sc ATR	1/1 year	O. Manoj
15					
16	P. Aitchuth sai	2220402318	B.Sc ATR	1/1 year	P. Aitchuth
17	P. Janardhan Reddy	2220402319	B.Sc ATR	1/1 year	P. J. Reddy
18					
19	T. Nagendra	2220402322	B.Sc ATR	1/1 year	T. Nagendra
20	U. Navya	2220402323	B.Sc ATR	1/1 year	U. Navya
21	U. Navya Sri	2220402324	B.Sc ATR	1/1 year	U. Navya
22	V. Vijay Kumar	2220402325	B.Sc ATR	1/1 year	V. Vijay
23	V. Veera shawalli	2220402326	B.Sc ATR	1/1 year	V. Veera
24	Y. Hema sai valli	2220402327	B.Sc ATR	1/1 year	Y. Hema
25	Y. Raj Kumar	2220402328	B.Sc ATR	1/1 year	Y. Raj

S. No.	ROLL NUMBER	NAME OF CANDIDATE	8/1/2011	9/1/2011	10/1/2011	10/2/2011	13/1/2011	14/1/2011	15/1/2011	16/1/2011	17/1/2011	
			21	22	23	24	25	26	27	28	29	30
			/	/	/	/	/	/	/	/	/	/
	2220402301	D. padma Sai	a	/	/	/	/	/	/	/	/	/
	2	G. Venkanna babu	/	/	/	/	a	/	/	/	/	/
	3	Gurmani kanta	/	/	/	/	/	a	/	/	/	/
	4	K. Satya Sai Revathi	/	/	/	/	a	/	/	/	/	/
	5	K. pavani	/	/	/	/	/	/	/	/	/	/
	6	K. Sunendra	/	/	a	/	/	/	/	/	/	/
	7	K.N.S Krishna	/	a	/	a	/	/	/	/	/	/
	8	K.S.S kiran	/	/	/	/	/	/	/	/	/	/
	9	K.V.D prasad	a	/	/	/	/	/	/	/	/	/
	10	M.M Shavalli	/	a	/	/	/	/	/	/	/	/
	11	M.V.D Lakshman	/	/	a	/	/	/	/	/	/	/
	12	M. Sai chandna Sekh	/	/	/	/	/	/	/	/	/	/
	13	M. Jaiswanti	/	/	/	/	a	/	/	/	/	/
	14	N. Veena babu	/	/	/	/	a	/	/	/	/	/
	15	N.A.D prasad	/	/	/	/	/	a	/	/	/	/
	16	O. Manoj kumar	/	/	/	/	/	/	/	/	/	/
	17	P. Veena ganesh	/	/	/	/	/	a	/	/	/	/
	18	P. Atchutha Sai	/	/	a	/	/	/	a	/	/	/
	19	P. Jaganathan Reddy	/	/	/	/	/	/	/	/	/	/
	20	S. Balla manikanta	/	/	a	/	/	/	/	/	/	/
	21	T. Nagendra kumar	/	/	/	/	/	/	/	/	/	/
	22	T. Nagendra	/	/	/	/	/	/	/	/	/	/
	23	V. Navya	/	/	/	/	/	/	/	/	/	/
	24	V. Kavya Sai	/	/	/	/	/	/	/	/	/	/
	25	V. Vijay kumar	a	a	/	/	/	/	/	/	/	/
	26	V. Veera shivella	/	/	/	/	/	/	/	/	/	/
	27	Y. Hema Shivalli	/	/	/	/	/	/	/	/	/	/
	28	Y. Raj kumar	/	/	/	/	/	a	/	/	/	/
	29	Y. Bhavana	/	/	/	/	/	/	/	/	/	/

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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
(17/01/2023 to 18/02/2023)

Resource Person:

Mr. K. Macharao

Asst.professor in computers

Ideal College of Arts & Sciences (A),
Kakinada

Email.

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

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, Save 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 PivotCharts

- 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 & science(A),KAKINADA from 17th Jan 2023 to 18th Feb 2023

Mr. K.Macharao
Resource person

Mr.V.Jeevan Kanth
co-ordinator

Dr.T.Satyanarayana
Principal



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

NOTICE

Date: 20.01.2023

All the I, II, III B. Sc., BZC students are hereby informed that Department of Zoology is conducting A four-week value added course on "**General Informatics, Bioinformatics and Molecular Biology**" from February 2023 to April 2023.

Interested candidates are requested to register their names with Sri T. Pradeep Sastry, Assistant Professor of Zoology and Course Coordinator on or before 30.01.2023.

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 ZOOLOGY

Value added Course for the year 2022-2023

**A Four Week Value Added Course on “General Informatics,
Bioinformatics and Molecular Biology”**

S.No	Date	Topic
1.	01.02.2023	Overview of Information Technology
2.	02.02.2023	features of the modern Personal Computer
3.	03.02.2023	computer networks and internet
4.	04.02.2023	Operating System
5.	06.02.2023	DOS/ Windows, Linux
6.	07.02.2023	Purchase of technology
7.	08.02.2023	Knowledge skills for Higher Education
8.	01.03.2023	knowledge management
9.	02.03.2023	academic search techniques
10.	03.03.2023	creating your cyber presence
11.	06.03.2023	Case study of educational softwares
12.	07.03.2023	Academic services
13.	09.03.2023	Social Informatics
14.	10.03.2023	IT and society

15.	13.03.2023	Digital divide
16.	14.03.2023	Methods to counter digital divide
17.	15.03.2023	IT and development
18.	16.03.2023	Cyber ethics
19.	17.03.2023	Cyber crime
20.	18.03.2023	Software piracy
21.	20.03.2023	Cyber security
22.	01.04.2023	Cyber laws
23.	03.04.2023	Computer- Ergonomics and Health issues
24.	04.04.2023	Guide lines for proper usage of computers
25.	06.04.2023	Internet and mobile phones
26.	10.04.2023	IT and regional languages
27.	11.04.2023	Free software debate
28.	12.04.2023	E-Waste and Green computing
29.	13.04.2023	Student Seminar
30.	14.04.2023	Review of the Value added course


Signature of the Coordinator

Course Structure & Syllabus

30 hrs

OBJECTIVES:

To review the basic concepts and functional knowledge in the field of informatics

- To create awareness about nature of the emerging digital knowledge society
- To create awareness about social issues and concerns in the use of digital technology

COURSE OUTCOMES:

At the end of this course students should be able to demonstrate a clear understanding of the facts and basic concepts of molecular biology which are covered in lectures, including:

1. To provide with the core principles of molecular biology.
2. To gain higher level thinking skills that is necessary for scientists.

Module I 10 hours

Overview of Information Technology: features of the modern Personal Computer and Peripherals, computer networks and internet, Introduction to Operating System- DOS/ Windows, Linux. Purchase of technology, license, guarantee, warranty.

Module II 10 hours

Knowledge skills for Higher Education: Data information and knowledge, knowledge management - Internet as a knowledge repository, academic search techniques, creating your cyber presence, open access initiatives, open access publishing models. basic concepts of Intellectual property rights(IPR), copyrights, patents, plagiarism, Use of IT in teaching and learning, Case study of educational softwares. Academic services - INFLIBNET, NICNET, BRNET

Module III 10 hours

Social Informatics: IT and society, Issues and Concerns, Digital divide, Methods to counter digital divide, IT and development, new opportunities and new threats. Cyber ethics, Cyber crime, Software piracy, Cyber security, Cyber laws, Privacy issues, Cyber addictions, information overload. Computer- Ergonomics and Health issues, Guide lines for proper usage of computers, Internet and mobile phones. IT and regional languages, IT for the disabled, Free software debate, E-Waste and Green computing.



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

DEPARTMENT OF ZOOLOGY
OFFERING

A FOUR WEEK VALUE ADDED COURSE

ON

“GENERAL INFORMATICS, BIOINFORMATICS AND MOLECULAR BIOLOGY”

(February 2023 - April 2023)

Coordinator

Sri T. Pradeep Sastry
Assistant Professor of
Zoology
Ideal College of Arts and
Sciences(A), Kakinada

Resource Person

Sri Y. Ayyanna
HOD, Zoology
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 Zoology 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 centrifugesand a good musium.

About the Course

Bioinformatics is a branch that deals with the hand in hand learning and development of the fields of computer science, engineering as well as statistics to process information dealing with biology. It uses such tools to make further advancements in biology as well as process and store data related to it.

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 ZOOLOGY

Value added Course for the year 2022-2023

General Informatics, Bioinformatics and Molecular Biology

S.No	Roll Number	Name of the Student	Signature
1.	2210402501	ANIL KUMAR MEKA	Anil kumar meka
2.	2210402502	APPANNABABU BUDDA	B. Appannababu
3.	2210402503	ARYA SETTIBATHULA	S. Arya
4.	2210402504	ASHOK KUMAR KUNJAM	K. Ashok kumar
5.	2210402505	BHUMIKA NAGA MANI AMALADASU	A. B. N. Mani
6.	2210402506	CHAKRAVARTHI MOTUKURI	Divayuri guttula
7.	2210402507	DIVYASRI GUTTULA	Dr. Divyasri
8.	2210402508	DURGA PRASAD BADDI	B. D. Prasad.
9.	2210402509	GIRIJON PESINGI	Girijon. P. Esingi
10.	2210402510	HANU VIGNESH KEDARISETTI	K. H. vignesh
11.	2210402511	HEMA DANDI	Hema Dandi
12.	2210402512	JASMINE CHINTAPALLI	C. Jasmine
13.	2210402513	JAYA SATYA SRI GINJALA	Dr. Jaya Satya Sri
14.	2210402515	LEELA LAKSHMI KUMARI PENKE	P. L. L. kumar
15.	2210402516	LOVABABU PALLAPATI	P. Lovababu
16.	2210402517	MANIKANTA KETHA	K. Manikanta
17.	2210402519	MEGHANA MEDISETTI	M. Meghana
18.	2210402520	MOHAN BALA KUMAR ROKALA	R. M. B. kumar.

19.	2210402522	MOTTI REDDY KATHULA	K. motti reddy
20.	2210402523	MURALI ARUGOLLU	murali Arugollu
21.	2210402524	NARINDRA KARRI	N. NARINDRA
22.	2210402525	NAVEEN SUDHAKAR PILLA	S. naveen
23.	2210402526	NITISH PINIPE	P. NITISH
24.	2210402527	PAVAN UNDRU	U pavan
25.	2210402528	PAVANI YELETI	Y. Pavani
26.	2210402529	PRIYANKA BATHULA	B. priyanka
27.	2210402530	RAJESH SINGAMPALLI	S. Rajesh
28.	2210402531	RAJU GULLANKI	G. Raju
29.	2210402532	RAJU NAMADI	N. Raju
30.	2210402533	RAMA LOKESH GANTIMALLA	G. Rama Lokesh
31.	2210402534	RAMYA JANIPELLA	J. Ramya
32.	2210402535	RAVI KISHORE JUVVALA	J. Ravi Kishore
33.	2210402536	RUPA PESINGI	P. Rupa
34.	2210402537	SAI KUMAR GUJJA	G. Sai kumar
35.	2210402538	SAILAJA PRASADULA	P. SajaJa
36.	2210402539	SATISH SETTIBATHULA	S. satish
37.	2210402540	SATYANARAYANA REDDY ROLUPALLI	R. Satyanarayana
38.	2210402541	SIVAJI PALLI	P. Sivaji
39.	2210402542	SIVARAMAKRISHNA NAGALLA	N. S. R. krishna
40.	2210402543	SOMU SEKHAR GEDDAM	G. somu SEKHAR
41.	2210402544	SOWMYA PRIYA DARSHINI VANKALA	V. S. P. darshini
42.	2210402545	SRIRAMA VARMA SANGADI	S. SRIRAMA VARMA
43.	2210402546	SUBHASH UPPALAPATI	U. Subhash.
44.	2210402547	SURYA KUMARI MURLA	M. Surya Kumari
45.	2210402549	THARUN ADDURI	A. Tharun
46.	2210402550	VEERA VENKATA SATYANARAYANA REDDY LOTHA	L. V. V. S. reddy.

47.	2210402551	VENKATA BHAGYA LAKSHMI BATHULA	B.V. B. Lakshmi
48.	2210402552	VENKATA LAKSHMI THOTADA	T.V. Lakshmi
49.	2210402554	VIJAYA DURGA SAGAR NAKKA	N.V.D. Sagar
50.	2210402555	VIJAYA KANTH GANTA	G.V. Kanth
51.	2210402556	VINAY VENKATESH JUTTUGA	J. Vinay Venkatesh
52.	2220402501	BHAVANI KASI	Bhavani Kasi
53.	2220402502	BHAVANI PRASAD VEMPATAPU	V. BHAVANI Prasad
54.	2220402503	CHANDRA SEKHARA DORA KARAM	R. C.S. Dora
55.	2220402504	HARISH BURUGU	B. Harish
56.	2220402505	L.N.S.NARAYANA DUVVA	D.L.N.-S. Narayana
57.	2220402506	MAHESH LANKA	L. Mahesh
58.	2220402507	MANIKUMAR MADDURI	M. Mani Kumar
59.	2220402508	NAGENDRA PAYALA	P. Nagendra
60.	2220402509	SIVA NEELI	N. SIVA
61.	2220402510	TEJASWI KARRI	K. Tejaswi
62.	2220402511	SAI MANI SUBBARAYA DUVVA	DUVVA Sai mani Subbaraya
63.	2220402512	VIJAYA DURGA PAVANI KATAMREDDY	K.V.D. pavani
64.	2220402501	BHAVANI KASI	Bhavani Kasi



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 “General Informatics, Bioinformatics and Molecular Biology” organized by Department of Zoology

(February 2023 – April 2023)

Resource Person : Sri Y. Ayyanna
HOD, Zoology
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: ayyannayandamuri@gmail.com
Contact Number: 9948245458

Coordinator : Sri T. Pradeep Sastry
Assistant Professor of Zoology
Ideal College of Arts and Sciences(A),
Kakinada
E-mail Id: pradeepsastryideal@gmail.com
Contact Number: 9704313632

Objectives:

- To review the basic concepts and functional knowledge in the field of informatics
- To create awareness about nature of the emerging digital knowledge society
 - To create awareness about social issues and concerns in the use of digital technology
 - To learn the nature, application and scope of Bioinformatics

Topics Covered:

Module I 10 hours

Overview of Information Technology: features of the modern Personal Computer and Peripherals, computer networks and internet, Introduction to Operating

System- DOS/ Windows, Linux. Purchase of technology, license, guarantee, warranty.

Module II 10 hours

Knowledge skills for Higher Education: Data information and knowledge, knowledge management – Internet as a knowledge repository, academic search techniques, creating your cyber presence, open access initiatives, open access publishing models. basic concepts of Intellectual property rights(IPR), copyrights, patents, plagiarism, Use of IT in teaching and learning, Case study of educational softwares. Academic services – INFLIBNET, NICNET, BRNET

Module III 10 hours

Social Informatics: IT and society, Issues and Concerns, Digital divide, Methods to counter digital divide, IT and development, new opportunities and new threats. Cyber ethics, Cyber crime, Software piracy, Cyber security, Cyber laws, Privacy issues, Cyber addictions, information overload. Computer- Ergonomics and Health issues, Guide lines for proper usage of computers, Internet and mobile phones. IT and regional languages, IT for the disabled, Free software debate, E-Waste and Green computing.

Outcomes of the Course:

At the end of this course students should be able to demonstrate a clear understanding of the facts and basic concepts of molecular biology which are covered in lectures, including:

1. To provide with the core principles of molecular biology.
2. To gain higher level thinking skills that is necessary for scientists.
3. This course should excite about basic science and its applications.

Number of Participants: 64 Members

T. Pradeep Senth
Signature of the Coordinator



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

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that Mr./Ms./Mrs. _____

From _____ has completed four week value added course on
“General Informatics, Bio information and Molecular Biology” conducted by the
Department of Zoology, Ideal College of Arts and Science(A), Kakinada, from
February 2023 to April 2023.


Sri V. Ayyanna
Resource Person


Sri T. Pradeep Sastri
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. 20-03-2023

It is here by informed that the Department of Computer Science is organizing a four week Value Added Course on **UNIX Operating System** from 1-04-2023 to 30-04-2023. Therefore the interested candidates are requested to register their names with Sri K. Machara Rao, Lecturer in Computer Science for Value Added Course UNIX Operating System on or before 28-03-2023.

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

UNIX Operating System Syllabus

Unit-I

Introduction – Definition, Types of Operating System, Functions of Operating System, Features of UNIX, Internal, External Commands, Files and File Organizations.

Unit-II

Directory related commands, wild cards, Printing and comparing files. Standard I/O, redirection, pipe, filter commands.

Unit-III

vi editor, modes of vi editor, regular expressions, grep command, shell programming. Shell variables, writing **and** executing shell script, Branching control structures and jumping control structures etc.

Unit-IV

Application of **Shell** programming, break, continue, exit, UNIX commands. real arithmetic and integer debugging scripts.

Prescribed Text Book:

- UNIX Concept and Applications by Sumitabha Das, McGraw Hill Publications

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

Approved by
Dr. P.V.N. RAJU VIDYAPRANGANAM
Samalkot Road, KAKINADA

Department of Computer Science

Value Added Course for the year 2022-2023

UNIX Operating System

S. NO.	ROLL NO.	NAME OF THE STUDENT	SIGNATURE
1	2220402201	ARAVIND MUPPIDI	M. Aravind
2	2220402203	BIHARGAVITILLA	B. Aravind
3	2220402205	CHINNA RAJESH INGAM	C. Aravind
4	2220402206	DILEEP KUMAR KANCHI	K. Dileep Kumar
5	2220402207	DURGA PRASAD RIKADI	R. D. Prasada
6	2220402209	KIRAN KISHORE KALADI	K. Kiran Kishore
7	2220402211	KRISHNA VERRI	M. Krishna
8	2220402212	KUMARASWAMY ARADADI	A. Kumaraswamy
9	2220402213	MAHESH YELLA	Y. Mahesh
10	2220402215	MANIKANTA KONA	K. Manikanta
11	2220402217	NAVEEN KUMAR MADIKI	Naveen Kumar Madiki
12	2220402219	PANDURANGA MANIKANTA BOBBADI	P. P. D. Manikanta
13	2220402221	PRASANTH LANTHIDI	P. Prasanth
14	2220402222	RAGHU RUDRAVARAPU	R. Raghu
15	2220402223	RAJESH GUJLA	R. Rajesh
16	2220402225	RAVICHANDRA SATYA GANESH GARAGA	G. R. C. Satya
17	2220402227	SATHISH GOPI	Sathish Gopi
18	2220402229	SATYA MANIKANTA SETHAPATI	S. Sathish
19	2220402231	SRINIVASU MANI	T. Srinivasa
20	2220402234	VAMSI ALAM	V. Vamsi
21	2220402235	VETRA LAKSHMI MUMMIDI	M. Veerachakrini
22	2220402236	VENKAT MUMMIDI	M. Venkat
23	2220402238	VINAY KUMAR GURRAMI	V. Vinay
24	2220402239	YETHOSHIVA KOLLI	K. Yethoshiva

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

Value Added Course Report

A Four-Week value Added Course on “UNIX Operating System”

Organized by Department of Computer Science

(01-Apr-2023 to 30-Apr-2023)

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:

UNIX, multiuser computer operating system. In the late 20th century UNIX was widely used for Internet servers, workstations, and mainframe computers.

The main features of UNIX were its simplicity, portability (the ability to run on many different systems), multitasking and multiuser capabilities, extensive library of software, and hierarchical file system.

Unit-I

Introduction – Definition, Types of Operating System, Functions of Operating System, Features of UNIX, Internal, External Commands, Files and File Organizations.

Unit-II

Directory related commands, wild cards, Printing and comparing files. Standard I/O, redirection, pipe, filter commands.

Unit-III

vi editor, modes of vi editor, regular expressions, grep command, shell programming. Shell variables, writing and executing shell script, Branching control structures and jumping control structures etc.

Unit-IV

Application of Shell programming, break, continue, exit, UNIX commands, real arithmetic and integer debugging scripts.

Outcomes of the Course:

Students after successful completion of the value added course will be able to

CO1: Understand the UNIX Architecture, File systems and use of basic Commands.

CO2: Use of editors and Networking commands.

CO3: Understand Shell Programming and to write shell scripts.

Number of participants: 24


Signature of the Coordinator



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

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that Ms./Mrs. _____
has successfully completed four week value added course on "UNIX Operating System"
organised by the Department of Computer Science, Ideal College of Arts and
Science(A), Kakinada, from 1-Apr-2023 to 30-Apr-2023.

He / She secured grade _____

M.A. Sayeed
Sri M.A. Sayeed
Resource Person

K. Machar Rao
Sri K. Machar Rao
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: 31-01-23

All the I 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 "Photoshop" from February 2023 to March 2023.

Interested candidates are registered their names with Sri E. Srinivasa Rao, H.O.D Management Studies and Course coordinator on or before 03.02.2023.

T. Srinivasa Rao
PRINCIPAL
Principal
Ideal College of Arts & Sciences (A)
KAKINADA

IDEAL COLLEGE OF ARTS & SCIENCES

(Autonomous & NAAC B)

KAKINADA

BBB (Digital Marketing)

“Photoshop”

Day Wise Course Schedule

Day	Date	Topic
1	06-02-23	Getting Acquainted with Photoshop
2	07-02-23	Basic Image Manipulation
3	08-02-23	Color Basics
4	09-02-23	Painting Tools
5	10-02-23	Brush Settings
6	11-02-23	Layers
7	13-02-23	Making Selections
8	14-02-23	Filling and Stroking
9	15-02-23	Advanced Layers
10	16-02-23	Text – Enter, Edit, Select and apply effects
11	17-02-23	Use of Drawing tools
12	20-02-23	Using Channels and Masking
13	21-02-23	Manipulating Images – Cropping, Changing Size & Sponge tool
14	22-02-23	Getting to know the Work Area
15	23-02-23	Using Adobe Bridge
16	24-02-23	Basic Photo Correction
17	25-02-23	Retouching and Repairing
18	27-02-23	Working with Selections
19	28-02-23	Layer Basics
20	01-03-23	Masks and Channels
21	02-03-23	Correcting and Enhancing Photographs
22	03-03-23	Typographic Design
23	04-03-23	Vector Drawing Techniques
24	06-03-23	Advanced Layer Techniques
25	07-03-23	Vector Compositing
26	09-03-23	Creating Links within an Image
27	10-03-23	Creating Rollover Web Visuals
28	13-03-23	Animating GIF Images for the Web
29	14-03-23	Producing and Printing Consistent Color
30	15-03-23	Assessment

Prescribed Text Book

Mastering Photoshop by Khanna Publications, 2015

Signature of the Coordinator

Course Structure & Syllabus

30hrs

OBJECTIVES:

Learn the fundamentals of Adobe Photoshop, including its interface, basic tools and features. Develop advanced techniques such as photo editing, color correction and compositing. Understand how to work with layers and masks to create complex graphics and designs.

COURSE OUTCOMES:

After Successful Completion of Value-added Course

1. Student will be able to understand the fundamentals of Adobe Photoshop and how to navigate the interface.
2. Student will be able to develop proficiency in using basic and advanced tools and features to manipulate images and graphics.
3. Student will be able to improve their career prospects by acquiring a valuable skill set that is high demand in the creative industry.

UNIT - I (10hrs)

Introduction, Navigation and Fundamental features of Photoshop

UNIT - II (10hrs)

Basic Photo Corrections, Making Selection in Photoshop

UNIT - III (10hrs)

Color option of Photoshop, Layering Image in Photoshop



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

DEPARTMENT OF MANAGEMENT STUDIES
Offering

A FOUR WEEK
VALUE ADDED COURSE

VALUE ADDED COURSE
ON
"PHOTOSHOP"



Resource Person

Sri.V.Kama Raju

Assistant Professor of Management Studies
IDEAL COLLEGE OF ARTS AND SCIENCE
KAKINADA

Co-Ordinator

Sri.E.Srinivasa Rao

HOD, Management Studies
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), 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 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

Photoshop is a technique for digitally improving the quality of your original photographs. It is essentially the best image editing application for picture editing, creation and graphic design. It is a creative and effective tool utilized by many artists, web designers, VFX artists

Registration Form

Name: _____

Roll No: _____

Class: _____

Address For Correspondence: _____

Mobile No: _____

E-Mail: _____

Signature

IDEAL COLLEGE OF ARTS AND SCIENCES
KAKINADA

Department of Management Studies

Value Added Course 2022-2023

List of Students

S.NO	ROLL NUMBER	STUDENT NAME	SIGNATURE
1	2220405001	ADABALA SRI VENKATA SURYA SHASHANK	A.S.V.S. Shashank
2	2220405004	BALLA YAJNA	Balla yajna.
3	2220405006	CHINTA KAMESH	chinta kamesh
4	2220405007	DANDUPROLU PRAMEELA	Danduprolu prameela
5	2220405009	DILSHA EDAVAN KOROTH	Dilsha edavan koroth
6	2220405010	DODDI HARIKA	D. Harika.
7	2220405011	DWIBHASHYAM SRI BALA TRIPURA SUNDARI	D.s.B.T. Sundari
8	2220405012	GARAGA NAGARAJU	G. Nagaraju
9	2220405015	GUJJU SRIVALLI	GT. SRIVALLI
10	2220405016	KAMUJU ROHIT SRINU KUMAR	Kamaju Rohit srinukumar
11	2220405017	KARAM PAVAN KUMAR DORA	KARAM PAVAN KUMAR DORA
12	2220405018	KOTI CHETAN LLOYD YUVARAJ	K. C. L. YUVARAJ
13	2220405019	LANKE KARTHIK	L. kartik
14	2220405020	MATHAM LOKESH KUMAR	M. lokesh Kumar
15	2220405021	MODUKURI TRIVENI DURGA	M. Triveni Durga
16	2220405022	MURADA TONY	M. TONY
17	2220405023	NAMA CHANDRA SEKHAR	N. C. SEKAR.
18	2220405026	NOKKU ANIL KUMAR	N. Anilkumar
19	2220405027	RAYUDU ROHIT VEERA SAI KUMAR	R. Veera Sai kumar.
20	2220405028	RIKKA CHAYA PRIYA	R. Chaya Priya
21	2220405029	SUKAPATLA NANI	S. Nani.
22	2220405031	VANAPALLI ADI LAKSHMI	V.A. Lakshmi
23	2220405033	VIJJAPUREDDY VEERA VENKATA DEEPAK	V. Veerankot deepak



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

VALUE-ADDED COURSE REPORT

A Four-week Value-Added Course on

“Photoshop”

Organized by Department of Management Studies

(February 2023 – March 2023)

Resource Person: Sri. V. Kama Raju
Assistant Professor of Management Studies
Ideal College of Arts & Sciences
Email: raju4290@gmail.com
Contact Number: 94928 28230

Coordinator : Sri E. Srinivasa Rao
H.O.D Management Studies,
Ideal College of Arts & Sciences(A), Kakinada
Email: hodbbba@idealcollege.edu.in
Contact Number: 9032792627

OBJECTIVES:

Learn the fundamentals of Adobe Photoshop, including its interface, basic tools and features.

Develop advanced techniques such as photo editing, color correction and compositing.

Understand how to work with layers and masks to create complex graphics and designs.

Topics Covered :

UNIT – I

Introduction, Navigation and Fundamental features of Photoshop

UNIT – II

Basic Photo Corrections, Making Selection in Photoshop

UNIT – III

Color option of Photoshop, Layering Image in Photoshop

Outcome of the Course:

After Successful Completion of Value-added Course

1. Student will be able to understand the fundamentals of Adobe Photoshop and how to navigate the interface.
2. Student will be able to develop proficiency in using basic and advanced tools and features to manipulate images and graphics.
3. Student will be able to improve their career prospects by acquiring a valuable skill set that is high demand in the creative industry.

Number of Participants: 22 Members



Signature of the Coordinator



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

DEPARTMENT OF MANAGEMENT STUDIES

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

.....
from.....
has completed of Four week Value-added Course on
"PHOTOSHOP"

**Conducted by the Department of Management Studies,
Ideal college of Arts & Sciences (A), Kakinada,
from February 2023 to March 2023**

V. KAMA RAJU
RESOURCE PERSON

E. SRINIVASA RAO
COORDINATOR

T.SATYANARAYANA
PRINCIPAL
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: 05.03.2023

All the II B. Com Students are here by informed that Department of Commerce is conducting A Six-Week Value added course on “**Financial Services**” from March 2023 to April 2023.

Interested candidates are requested to register their names with Sri V. Nageswara Rao, HOD, Commerce and Course coordinator on or before 13.03.2023.

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 VIDYA PRANGANAM
SamalkotRoad,KAKINADA

A Six Week Value Added Course on “Financial Services”

DayWiseCourseSchedule

S.NO	Date	Topic
1	14-03-2023	Introduction to financial services
2	15-03-2023	Role of Financial Services
3	16-03-2023	Banking and Non Banking companies
4	17-03-2023	Activities of Non Banking Finance Companies
5	18-03-2023	Fund Based Activities
6	19-03-2023	Free Based Activities
7	20-03-2023	Scope of merchant banking services
8	21-03-2023	importance of merchant banking services
9	22-03-2023	Venture capital
10	23-03-2023	Securitization
11	24-03-2023	Demat Services
12	25-03-2023	Commercial Paper
13	27-03-2023	Introduction to lease, Types of Lease
14	28-03-2023	Documentation and Legal aspects
15	29-03-2023	Fixation of Rentals and Evaluation
16	30-03-2023	Hire Purchasing
17	31-03-2023	Securitization of debts
18	01-04-2023	House Finance
19	04-04-2023	Introduction to Credit Rating
20	06-04-2023	Types of Credit Rating Symbols
21	07-04-2023	CRISIL and CARE
22	10-04-2023	Equity Assessment
23	11-04-2023	Equity Assessment vs. Grading
24	12-04-2023	Mutual funds.
25	13-04-2023	Student seminars
26	15-04-2023	Student seminars
27	17-04-2023	PPT from students
28	18-04-2023	PPT from students
29	19-04-2023	Quiz
30	20-04-2023	Assignment


Signature of the Coordinator

Course Structure & Syllabus

30 hrs

Objectives:

To understand role of Financial Services in Business organizations and to give an insight into the strategic, Regulatory, operating and managerial issues concerning select financial services. Examine the present statue and Fintech development that are taking place in the financial services sector.

Course Outcomes:

Develop the skills to understand the relationship among different variables.

Develop the skills to calculate simple and compound interest.

Understanding the relevance of the concept of inflation and cost of living.

UNIT – I Financial Services (6 Hours)

Role of Financial Services – Banking and Non Banking companies – Activities of Non Banking Finance Companies – Fund Based Activities – Free Based Activities.

UNIT – II Merchant Banking Services: (6 Hours)

Scope and importance of merchant banking services – Venture capital – Securitization – Demat Services – Commercial Paper

UNIT – III Leasing and Hire – Purchase: (6 Hours)

Types of Lease, Documentation and Legal aspects – Fixation of Rentals and Evaluation – Hire Purchasing – Securitization of debts – House Finance.

UNIT – IV Credit Rating: (6 Hours)

Purpose – Types – Credit Rating Symbols – Agencies: CRISIL and CARE – Equity Assessment vs. Grading – Mutual funds.

CO-Curricular Activities

Seminar/Quiz/Assignment/ practice.

Prescribed Text Book:

1. B. Santhana, Financial Services, Margham Publication, Chennai.
2. M.Y. Khan, Financial Services, Tata Mc Graw-Hill, New Delhi.
3. Machendra Raja, Financial Services, S.Chand Publishers, New Delhi.



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

DEPARTMENT OF COMMERCE
OFFERING

A SIX WEEK VALUE ADDED COURSE

ON

“FINANCIAL SERVICES”

(MARCH 2022 TO APRIL 2023)

Resource Person

Smt. V.R.A. Lakshmi
Assistant Professor of
Commerce
Ideal College of Arts and
Sciences(A), Kakinada

Coordinator

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

The Financial Services course is a multidisciplinary Programme which includes financial theory, engineering methods, mathematics tools and programming practice. The curriculum is career-oriented in nature which creates several prospects in different disciplines, such as banking.

REGISTRATION FORM

Name of the Student : _____
Roll No : _____
Class : _____
Address for
Correspondence : _____

Mobile Number : _____
E-mail : _____

Signature

STUDENT ENROLMENT LIST

5

S.NO	Roll NO	NAME OF THE STUDENT	SIGNATURE
1.	2210403002	A. Adilakshmi	A Adilakshmi
2.	3003	M. AJay	M. AJay
3.	3004	X. Anith Kalyan	y. Anith Kalyan
4.	3009	B. Ayyappa Swamy	B. Ayyappa Swamy
5.	3011	P. Banni Babu	N. Durga Prasad
6.	3015	M. Durga Prasad	M. Durga Prasad
7.	3017	P. Durga Prasad	N. Durga Prasad
8.	3020	P. Gangaadri	P. Gangaadri
9.	3023	G. J. Mooka Ratnam	G. J. Mooka Ratnam
10.	3024	S. Jyothi	S. Jyothi
11.	3026	V. Karuna Kumar	V. Karuna Kumar
12.	3029	D. Manikanta	D. Manikanta
13.	3031	N. Manikanta	N. Manikanta
14.	3034	S. Naga Babu	N. Naga Babu
15.	3038	CH. Naveen	ch. naveen
16.	22040 3101	G. Sai Kumar	G. Sai Kumar
17.	3103	K.S.R. Kumar	K.S. P. Kumar
18.	3105	P. Sandeep Sagar	P. Sandeep Sagar
19.	3108	M. Satish	M. Satish
20.	3111	B. Satya Narayana	B. Satya Narayana
21.	3113	A. Simha Chelam.	A. Simha Chelam
22.	3115	M.S. Durga Prasad	M.S. Durga Prasad
23.	3118	K.S. Rama Krishna	K.S. Ramakrishna
24.	3120	S. Suresh Kumar	S. Suresh Kumar
25.	3122	M. Tarun Kumar	M. Tarun Kumar
26.	3125	S. Uma Mahesh	S. Uma Mahesh
27.	3126	K. Vamsi	K. Vamsi
28.	3127	M. Vamsi	M. Vamsi
29.	3129	V. Veera Lalitha	V. V. Lalitha
30.	3131	K. Veera Satya	K. V. Satya

S.NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE
1.	22210403302	A. Anusha	A. Anusha
2.	3303	D. Baby Bhargavi	D. B. Bhargavi
3.	3306	G. Emmanuel	G. Emmanuel
4.	3308	P. Harish	P. Harish
5.	3311	I. Kasi Viswanath	I. K. Viswanath
6.	3313	P. Krishna Surya	P. Krishna Surya
7.	3315	V. Malathi	V. Malathi
8.	3316	S. Maneesha	S. Maneesha
9.	3317	S. Mani Prasad	S. Mani Prasad
10.	3319	T. Naga Raju	T. Naga Raju
11.	3322	K. Pavan	K. Pavan
12.	3325	S. Priyanka	S. Priyanka
13.	3327	R. Rohit	R. Rohit
14.	3328	G. Sai Kiran	G. Sai Kiran
15.	3330	B. Satish	B. Satish
16.	3332	J. S. V. Ramana	J. S. V. Ramana
17.	3334	Shaik Sifat	Shaik Sifat
18.	3335	T. S. R. Krishna	T. S. R. Krishna
19.	3336	Ch. Srinivas	Ch. Srinivas
20.	3337	K. Subhash	K. Subhash
21.	3338	B. Suneel	B. Suneel
22.	3339	T. Veera Babu	T. Veerababu
23.	3340	B. V. V. Bargar	B. V. V. Bargar
24.	3342	D. Venkatesh	D. Venkatesh
25.	3343	S. Venkatesh	S. Venkatesh
26.	3344	L. Vija Anand	L. V. Anand
27.	3345	H. Rajesh	H. Rajesh

Pupils Attendance Register

పాఠశాల పేరు: _____

క్ర. సం.	పేరు	రోజులు												
		1	2	3	4	5	6	7	8	9	10	11	12	13
2210	1. A. Adilakshmi		a						a	a				
3003	2. M. Ajay											a		
3004	3. Y. Anith Kalyan													
3009	4. B. Ayyappa Swamy													
3011	5. P. Bannu Babu										a			
3015	6. N. Durga Prasad		a											
3017	7. P. Durga Prasad													
3020	8. P. Gangadri	a									a			
3023	9. G. J. Mooka Ratnam			a										
3024	10. S. Jyothi					a					a			
3026	11. V. Kaduna Kumar			a										
3029	12. D. Manikanta													
3031	13. N. Manikanta				a						a			
3034	14. S. Naga Babu													
3038	15. C. H. Maveen	a									a			
103101	16. G. Sai Kumar													
103	17. K. S. R. Kumar													
105	18. P. Sandeep Sagar													
108	19. M. Satish		a											
111	20. B. Satya Malayana										a			
113	21. A. Simha Chalam													
115	22. H. S. Durga Prasad													
118	23. K. S. Rama Krishna		a											
120	24. S. Suresh Kumar													
122	25. M. Tadun Kumar													
125	26. S. Uma Mahesh													
126	27. K. Vamsi											a		
127	28. M. Vamsi			a										
129	29. V. Veera Lalitha		a											
131	30. K. Veera Satya.	a												

ఇది పాఠశాల పేరు: _____ తరగతి: _____
 ఇది పాఠశాల పేరు: _____ తరగతి: _____

V. R. ...

పిల్లల హాజరు పట్టిక

తరగతి సంఖ్య: _____

తేదీ: _____

క్ర. సం.	హాజరు పట్టిక		7	8	9
	హాజరు	అనుమతి			
14					
15					
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31					

పాఠశాల పనిచేసిన తిథి



IDEAL COLLEGE OF ARTS AND SCIENCES
(Autonomous & NAAC B)
Dr. P.V.N. RAJU VIDYA PRANGANAM
Samalkot Road, KAKINADA

VALUE-ADDED COURSE REPORT

A Six-week Value-Added Course on Financial Services
Organized by Department of Commerce

(March 2022 – April 2023)

Resource Person: Smt. V.R.A. Lakshmi
Assistant Professor of Commerce
Ideal College of Arts & Sciences
(A), Kakinada
Email: lakshmi vra2498@gmail.com
Contact Number: 7989856633

Coordinator : Sri V. Nageswara Rao
H.O.D Commerce
Ideal College of Arts &
Sciences(A), Kakinada
Email: vnrcomm@gmail.com
Contact Number: 9849390413

Objective:

To understand role of Financial Services in Business organizations and to give an insight into the strategic, Regulatory, operating and managerial issues concerning select financial services. Examine the present status and Fintech development that are taking place in the financial services sector.

Course outcomes :

- Develop the skills to understand the relationship among different variables.
- Develop the skills to calculate simple and compound interest.
- Understanding the relevance of the concept of inflation and cost of living.

Topics Covered :

30 Hours

UNIT – I Financial Services (6 Hours)

Role of Financial Services – Banking and Non Banking companies – Activities of Non Banking Finance Companies – Fund Based Activities – Free Based Activities.

UNIT – II Merchant Banking Services: (6 Hours)

Scope and importance of merchant banking services – Venture capital – Securitization – Demat Services – Commercial Paper

UNIT – III Leasing and Hire – Purchase: (6 Hours)

Types of Lease, Documentation and Legal aspects – Fixation of Rentals and Evaluation – Hire Purchasing – Securitization of debts – House Finance.

UNIT – IV Credit Rating: (6 Hours)

Purpose – Types – Credit Rating Symbols – Agencies: CRISIL and CARE – Equity Assessment vs. Grading – Mutual funds.

Co- Curricular Activities (6 Hours)

Seminar/ Quiz /Assignment


Prescribed Text Book :

1. B. Santhana, Financial Services, Margham Publication, Chennai.
2. M.Y. Khan, Financial Services, Tata Mc Graw-Hill, New Delhi.
3. Machendra Raja, Financial Services, S.Chand Publishers, New Delhi.

Student Activities :

1. Power point activity for students.
2. Debate / Class room seminars

Number of Participates: 60 Members


Signature of the coordinator



IDEAL COLLEGE OF ARTS AND SCIENCES
(Autonomous & NAAC B)
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
“Financial Services” conducted by the Department of Commerce, Ideal College
of Arts and Science(A), Kakinada, from March 2023 to April 2023.

V. R. A. Lakshmi
Smt. V.R.A. Lakshmi
Resource Person

V. Nageswara Rao
Sri V. Nageswara Rao
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
VIDYAPRANGANAMKAKINADA

NOTICE

Dt: 16.03.2023

All the 2nd B.Sc. students are here by informed that Department of Food Science and technology conducting A Two week value added course on Food Quality and Analysis from March 2023 to April 2023.

Interested candidates are register their names with Sri P.Mounika H O D of Food Science and Technology Course coordinator on or before 22.03.2023.


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

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

(Autonomous & NAAC B)

B.Sc. Food Science and Technology

FOOD QUALITY AND ANALYSIS

Day wise course schedule

Day	Topic	Date
1	Introduction to food quality: Definition, quality concepts.	23-03-2023
2	Quality attributes (Appearance, Flavour, textural factors and additional quality factors)	24-03-2023
3	Sensory quality parameters -Size and shape, texture, aroma, taste.	25-03-2023
4	Discrimination, descriptive tests of sensory evaluation	27-03-2023
5	Assignment	28-03-2023
6	Introduction to chemical analysis of moisture and protein	29-03-2023
7	Determination of Moisture by oven drying methods	31-03-2023
8	Determination of Protein by Kjeldhal method.	01-04-2023
9	Student seminar	03-04-2023
10	Introduction to chemical analysis of fat and minerals	04-04-2023
11	Determination of Fat by Soxhlet method	06-04-2023
12	Determination of Fat in milk by Gerber method	08-04-2023
13	Determination of ash content by using of muffle furnace	10-04-2023
14	Assignment	11-04-2023

Prescribed text book:

Food safety and quality management – Ronald F. Cichy JaeMin Cha


Signature of the coordinator:

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

FOOD QUALITY AND ANALYSIS

Syllabus

Credits

Objectives:

- To learn about physical and chemical contaminants in foods.
- To understand different sampling techniques employed in chemical analysis of foods.
- To know about quantitative analysis of Food sample

UNIT I: INTRODUCTION TO FOOD QUALITY

Introduction to food quality: Definition, quality concepts, Quality attributes (Appearance, Flavour, textural factors and additional quality factors), Sensory quality parameters -Size and shape, texture, aroma, taste. Discrimination, descriptive tests of sensory evaluation

UNIT II

CHEMICAL ANALYSIS OF MOISTURE, CARBOHYDRATES AND PROTEIN

Moisture assay – oven drying methods, Carbohydrate- starch, and crude fibre. Protein- Kjeldhal method.

UNIT III CHEMICAL ANALYSIS OF FAT AND MINERALS

Fat- Soxhlet method, Gerber method. Analysis of vitamin C.

Estimation of minerals by ashing - dry, wet and low temperature plasma ashing.

Objectives:

- To learn about physical and chemical contaminants in foods.
- To understand different sampling techniques employed in chemical analysis of foods.
- To know about quantitative analysis of Food sample

UNIT I: INTRODUCTION TO FOOD QUALITY

Introduction to food quality: Definition, quality concepts, Quality attributes (Appearance, Flavour, textural factors and additional quality factors), Sensory quality parameters -Size and shape, texture, aroma, taste. Discrimination, descriptive tests of sensory evaluation.

UNIT II

CHEMICAL ANALYSIS OF

MOISTURE, CARBOHYDRATES AND PROTEIN

Moisture assay – oven drying methods, Carbohydrate- starch, and crude fibre. Protein- Kjeldhal method.

UNIT III CHEMICAL ANALYSIS OF FAT AND MINERALS

Fat- Soxhlet method, Gerber method. Analysis of vitamin C. Estimation of minerals by ashing - dry, wet and low temperature plasma ashing.



IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS, NAAC B)

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY OFFERING

A Two week value added course

Value added course on Food Quality Management

Resource person	coordinator
Mr. I. Vinod Kumar	Sri. P. Mounika
Assistant professor of	HOD of
Food science and Technology	Food science and Technology

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 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 Food science and technology was established since the inception of the college. The faculty members of the department are well experienced in teaching. The Department has a Food Engineering lab equipped with Food processing equipment's for Practical's 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 food quality is not totally new. Food Laws in some form existed as religious tenants or prohibitions. They were inherent in all ancient civilizations and have come down to us from early times. Food quality and analysis provides

knowledge about key food safety issues, including the food safety hazards, their methods of detection and the key food quality properties. The course will also deal with the, sampling methods, and tools to conduct statistical analysis.

Registration form

Student: _____

Roll No: _____

Class: _____

Address for correspondence:

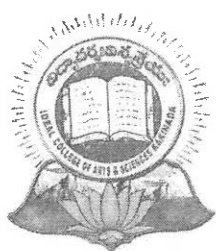
Mobile No: _____

Email: _____

IDEAL COLLEGE OF ARTS AND SCIENCES, Kakinada
Department of Food Science and Technology
Value added course – 2022-2023
List of Students

S.No	ID Number	Name of the Student	Signature
1	2210402701	AITHABATHULA SURYA VAMSI	A. Surya Vamsi
2	2210402702	ALLIPALLI MOUNIKA	A. Mounika
3	2210402703	BALLA PRATHIBHA	B. Prathibha
4	2210402704	BANDARU INDIRA	B. Indira
5	2210402705	BOLEM UMADEVI	B. UMADEVI
6	2210402706	DAMMALA SUJATHA	D. Sujatha
7	2210402707	DEEVI B S S D MANOHAR PAVAN KUMAR	D. B. S. S. P. M P. Kumar
8	2210402708	Eeli Prabhakar	Eeli Prabhakar
9	2210402709	GARAGA LAKSHMAN	G. Lakshman
10	2210402710	GEDDADA PURNA SAI VARDHAN	G. P. S. Vardhan
11	2210402711	KANCHUMARTHI SATYA JYOTHI	K. Satya Jyothi
12	2210402712	KANNATI VENKANNA	K. Venkanna
13	2210402713	KOKA SAI TANUJ	K. Sai Tanuj
14	2210402714	MOHAMMED NAADIYA	M. Naadiya
15	2210402715	MOTUKURI VISHNU MURTY	Motukuri Vishnu Murthy
16	2210402716	MUDAVATH KIRAN BABU NAIK	M. K. Kiran Babu Naik
17	2210402717	MUPPIDI CHANDINI	M. Chandini
18	2210402718	MUPPIDI DURGACHARAN	M. Durgacharan
19	2210402719	NAKKA LITHIN VENKAT SAI KIRAN	N. L. Venkat Sai Kiran
20	2210402720	NALLI PREETHI LAHARI	N. Preethi Lahari
21	2210402721	PAKALAPATI HEMADARA PRABASH	P. PRABASH
22	2210402722	PATTA SATYA SAI SRI HARSHITH	P. SSS Harshith
23	2210402723	PILLI CHANDRA SEKHAR	P. Chandrasekhar

24	2210402724	PINAPOTHU VASAVI DHANA LAKSHMI	P.V. Lakshmi
25	2210402725	RAYUDU KARTHIKEYA	R. Karthikaya
26	2210402726	RAYUDU SRI SESA DURGA RAKESH	T. GANESH BABU
27	2210402727	THOTAKURA GANESH BABU	T. Ganesh Babu
28	2210402728	VAKADA GANGA MAHA LAKSHMI	V. Ganga Maha Lakshmi
29	2210402729	VASAMSETTY MANIKANTA	V. Mani. Ketan
30	2210402730	VEMA VENKATA JANAKIRAM	V. VENKTA JANAKIRAM
31	2210402731	VEMAGIRI NIVAS KALYAN	V.N. Kalyan
32	2210402732	VOLETI VENKATA SAI TEJA	V. V. S. TEJA



IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

KAKINADA

VALUE-ADDED COURSE REPORT

A Two-week Value-Added Course on “Food Quality and Analysis”

**Organized by Department of
Food Science and Technology
(March 2023 – April 2023)**

Resource Person: Mr. I. Vinod kumar,
Assistant Professor of Food science and Technology
Ideal College of Arts & Sciences (A),
Kakinada
Email.
Vinodkumarfsn@idealcollege.edu.in
Contact Number: 7093377101

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

Objective:

- To learn about physical and chemical contaminants in foods.
- To understand different sampling techniques employed in chemical analysis of foods.
- To know about quantitative analysis of Food sample

UNIT I: INTRODUCTION TO FOOD QUALITY

Introduction to food quality: Definition, quality concepts, Quality attributes (Appearance, Flavour, textural factors and additional quality factors), Sensory quality parameters -Size and shape, texture, aroma, taste. Discrimination, descriptive tests of sensory evaluation

UNIT II

CHEMICAL ANALYSIS OF MOISTURE, CARBOHYDRATES AND PROTEIN

Moisture assay – oven drying methods, Carbohydrate- starch, and crude fibre. Protein- Kjeldhal method.

UNIT III CHEMICAL ANALYSIS OF FAT AND MINERALS

Fat- Soxhlet method, Gerber method. Analysis of vitamin C.


Estimation of minerals by ashing - dry, wet and low temperature plasma ashing.

Outcome of the course:

After successful completion of value added course, students will be able:

1. To understand and identify Food hazards, Adulteration and traceability.
2. To understand different sensory evaluation techniques.
3. To understand how to perform quantitative and qualitative analysis of food samples

Number of participants: 32


Signature of the coordinator:



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

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

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

*-----From ----- Has completed two week Value
Added Course on “Food Quality and Analysis” Conducted by the Department of Food
Science and Technology Ideal College of Arts & sciences (A), KAKINADA from
March 2023 to April 2023*

I. Vinod 18/05/23.

I. Vinod Kumar

Resource Person

P. Mounika 18/05/23.

Ms. P. Mounika

coordinator

T. Satyanarayana

Dr. T. Satyanarayana

Principal
Principal 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.18.03.2023

All the I year students are hereby informed that Department of Telugu is conducting A Five – week value added course on “భారతీయ భాషలు” from , April, 2023 to May, 2023.

Interested candidates are to register their names with Sri P.Gopi, HOD Telugu and Course Coordinator on or before 27.03.2023.

T. Sabhenayana
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 TELUGU

Value added Course for the year 2022-2023

భారతీయ భాషలు

(భారతీయ భాషా కుటుంబాలు)

Day Wise Course Schedule

S.No	Date	Topic
1	31.03.2023	భాషలు - పరిచయం
2	01.04.2023	భాషలు - వర్గీకరణ
3	03.04.2023	ప్రపంచ భాషలు - 10 కుటుంబాలు
4	04.04.2023	భాషలు - కుటుంబం
5	06.04.2023	భాషలు - ఉపకుటుంబాలు
6	10.04.2023	భాషలు - శాఖలు
7	11.04.2023	భాషలు - ఉపశాఖలు
8	12.04.2023	భాషలు - వర్గం
9	13.04.2023	భాషలు - ఉపవర్గం
10	15.04.2023	భాషలు - ఆధానాలు, ప్రధానాలు
11	07.04.2023	మాండలికాలు
12	18.04.2023	భారతదేశంలో - భాషాకుటుంబాలు

13	19.04.2023	ఇండో యూరోపియన్ భాషా కుటుంబం
14	20.04.2023	ద్రావిడ భాషా కుటుంబం
15	21.04.2023	సిన్ - టిబెటన్ భాషాకుటుంబం
16	24.04.2023	ఆస్ట్రో - ఏసియాటిక్ భాషాకుటుంబం
17	25.04.2023	ఉతర ద్రావిడ భాషలు
18	26.04.2023	మధ్య ద్రావిడ భాషలు
19	27.04.2023	దక్షిణ ద్రావిడ భాషలు
20	28.04.2023	ద్రావిడ భాషలు - తెలుగు
21	29.04.2023	ద్రావిడ భాషలు - తమిళం
22	01.05.2023	ద్రావిడ భాషలు - మళయాళం
23	02.05.2023	మధ్య ద్రావిడ భాష - కన్నడము
24	03.05.2023	మధ్య ద్రావిడ భాష - తెలుగు
25	04.05.2023	మధ్య ద్రావిడ భాష - తుళు
26	05.05.2023	మధ్య ద్రావిడ భాష - కోయి
27	06.05.2023	మధ్య ద్రావిడ భాష - పర్జి
28	08.05.2023	మధ్య ద్రావిడ భాష - గదబ
29	09.05.2023	సెమినార్
30	10.05.2023	సమీక్ష


 Signature of the Coordinator

Course Structure & Syllabus

లక్ష్యాలు :

1. భారతీయ భాషలు చరిత్రను విద్యార్థులకు తెలియబరచడం.
2. భారతీయ భాషలు ఎంతటి ప్రాచీనమైనవో తెలిసుకోగలరు,
3. ప్రపంచంలోని భారతీయ భాషల ఔన్నత్యం విద్యార్థులకు వివరించుట.

అభ్యాసనా ఫలితాలు :

1. ఈ కోర్సు వలన విద్యార్థులకు భారతీయ భాషల పట్ల అవగాహన ఏర్పడుతుంది.
2. భారతదేశ ఔన్నత్యం తెలుసుకోవచ్చును.
3. మన భాషపై మంచి పట్టు సంపాదించి తమ నైపుణ్యాలను పెంపొందించుకోగలరు.

యూనిట్ - 1

- 1.0 భాష - భారతీయ భాషలు
- 1.1 అధికార భాషలు
- 1.2 భారతీయ భాషలు - వర్గీకరణ

యూనిట్ - 2

- 1.0 ఇండో ఆర్యన్ భాషా కుటుంబం
- 1.1 ద్రావిడ భాషా కుటుంబం

యూనిట్ - 3

- 1.0 ఆస్ట్రో ఏసియాటిక్ భాషా కుటుంబం
- 1.1 టిబెట్ భాషా కుటుంబం
- 1.2 బర్మన్ భాషా కుటుంబం



IDEAL COLLEGE OF ARTS & SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N.RAJU VIDYA PRANGANAM
KAKINADA

DEPARTMENT OF TELUGU

OFFERING

A FOUR WEEK VALUE ADDED COURSE

ON

భారతీయ భాషలు

(ఏప్రిల్, 2023 - మే, 2023)

కో-ఆర్డినేటర్

రిసోర్సు పర్సన్

బి.ఎస్.ఆర్.కృష్ణ
తెలుగు అధ్యాపకులు
ఐడియల్ కళాశాల

శ్రీ పి.గోపి
తెలుగు శాఖాధ్యక్షులు
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 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 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 :

భారతీయ భాషలు చరిత్రను విద్యార్థులకు తెలియబరచడం. భారతీయ భాషలు ఎంతటి ప్రాచీనమైనవో తెలిసుకోగలరు. ప్రపంచంలోని భారతీయ భాషల జెన్నత్యం విద్యార్థులకు వివరించుట. ఈ కోర్సు వలన విద్యార్థులకు భారతీయ భాషల పట్ల అవగాహన ఏర్పడుతుంది. భారతదేశ జెన్నత్యం తెలుసుకోవచ్చును. మన భాషపై మంచి పట్టు సంపాదించి తమ నైపుణ్యాలను పెంపొందించుకోగలరు.

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 2022-2023

S.No	Roll Number	Name of the Student	Signature
1.	2220402002	B. Gangadhar	B. Gangadhar
2.	2220402201	M. Aravind	m. Aravind
3.	2220402203	E. Bhargavi	E. Bhargavi
4.	2220402210	R. Kiran Kumar	R. Kiran Kumar
5.	2220402215	K. Manikanta	K. Manikanta
6.	2220402216	P. Manikanta Swamy	P. Manikanta Swamy
7.	2220402221	T. Prasanth	T. Prasanth
8.	2220402226	P. Sai Deepika	P. Sai Deepika
9.	2220402229	S. Satya Manikanta	S. Satya Manikanta
10.	2220402230	R. Sri Devi	R. Sri Devi
11.	2220402233	M.T.V.S. Swaroop	M.T.V.S. Swaroop
12.	2220402403	K. Durga Nagalaxmi	K. D. Naga lakshmi
13.	2220402409	Ch. Pushpa Sai Mounika	ch. p. s. mounika
14.	2220402413	B. Srinivas	B. Srinivas
15.	2220402415	V. Sri Ram	V. Sri Ram
16.	2220402418	S. Veera Babu	S. Veera Babu
17.	2220402421	N. Pravallika	N. pravallika
18.	2220402423	S. Manikanta Kumar	S. Manikanta Kumar
19.	2220402501	K. Bhavani	K. Bhavani

20.	2220402505	D.L.N.S. Narayana	
21.	2220402510	K. Tejaswi	K. Tejaswi
22.	2220403202	P. Akshaya	P. Akshaya
23.	2220403205	V. Anusha	V. Anusha
24.	2220403207	G. Devika	G. Devika
25.	2220403237	K. Sri Laxmi Mounika	K. Sri Laxmi Mounika
26.	2220401008	M. Divya Santhosi	M. Divya Santhosi
27.	2220401012	P. Keerthi	P. Keerthi
28.	2220401016	V. Nikitha	V. Nikitha
29.	2220401017	P. Padmavathi	P. Padmavathi
30.	2220401018	K. Priyanka	K. Priyanka
31.	2220401033	S. Vivek Rama Chandra	S. Vivek Rama Chandra



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 “భారతీయ భాషలు” organized by

తెలుగు విభాగం

(ఏప్రిల్, 2023 – మే, 2023)

Resource Person	:	Sri B.S.R.Krishna, Lecturer in Telugu Ideal College of Arts and Sciences(A), Kakinada
Coordinator	:	Sri P.Gopi HOD, Telugu Ideal College of Arts and Sciences(A), Kakinada

లక్ష్యాలు :

- భారతీయ భాషలు చరిత్రను విద్యార్థులకు తెలియబరచడం.
- భారతీయ భాషలు ఎంతటి ప్రాచీనమైనవో తెలుసుకోగలరు.
- ప్రపంచంలోని భారతీయ భాషల జౌనత్యం విద్యార్థులకు వివరించుట.

Topics Covered:

యూనిట్ - 1

- 1.0 భాష - భారతీయ భాషలు
- 1.1 అధికార భాషలు
- 1.2 భారతీయ భాషలు - వర్గీకరణ

యూనిట్ - 2

- 1.0 ఇండో ఆర్యన్ భాషా కుటుంబం
- 1.1 ద్రావిడ భాషా కుటుంబం

యూనిట్ - 3

- 1.0 అస్ట్రో ఏసియాటిక్ భాషా కుటుంబం
- 1.1 టిబెట్ భాషా కుటుంబం
- 1.2 బర్మన్ భాషా కుటుంబం

అభ్యాసనా ఫలితాలు :

- ఈ కోర్సు వలన విద్యార్థులకు భారతీయ భాషల పట్ల అవగాహన ఏర్పడుతుంది. దాని ద్వారా మాతృ భాషల గొప్పదనం తెలుస్తుంది.
- భారతదేశ జానత్యం తెలుసుకోవచ్చును.
- మన భాషపై మంచి పట్టు సంపాదించి తమ నైపుణ్యాలను పెంపొందించుకోవలెను.

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
“**Bharatheya Bhashalu**” conducted by the department of Telugu, Ideal college of
Arts and Science(A), Kakinada, from April 2023 to May 2023.


Resource Person

Sri B.S.R. Krishna


Coordinator

Sri P. Gopi


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
VIDYAPRANGANAMKAKINADA**

NOTICE

Dt: 15.03.2023

All the 2nd B.Sc. students are here by informed that Department of Artificial Intelligence and Robotics conducting A four-week value added course on Embedded C from 1-04-2023 to 30-04-2023

Interested candidates are register their names with Sri P. Satya Jyothi (Asst Prof., of mathematics) Course coordinator on or before 30.03.2022.

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
Embedded C**

Day wise course schedule

Day	Topic	Date
1	Sensors: introduction	01-04-2023
2	Classification of Sensors	01-04-2023
3	Different types of sensors	01-04-2023
4	Temperature sensors, proximity sensors	01-04-2023
5	Accelerometer	01-04-2023
6	IR Sensor (infrared Sensor),	01-04-2023
7	Pressure Sensor, Light Sensor,	01-04-2023
8	Ultrasonic Sensor, Smoke, Gas and Alcohol Sensor, Touch Sensor.	01-04-2023
9	Color Sensor, humidity Sensor ,	01-04-2023
10	Tilt Sensor, Flow and Level Sensor. Real time applications to sensors.	01-04-2023
11	Wireless Communication: Introduction	01-04-2023
12	Types of communications- Infrared, RF reception, Zigbee, Bluetooth, Wifi, RFID and GPS	01-04-2023
13	Embedded C: Basics of embedded c programming,	01-04-2023
14	simple programs to interface input and output devices and sensors to 8051 microcontrollers	01-04-2023
15	Adriano: Introduction, types to arduous.	01-04-2023
16	pin description, Adriano platform	01-04-2023

17	Adriano programming	01-04-2023
18	interfacing different sensors to Adriano	01-04-2023
19	introduction to Android	01-04-2023
20	Real Time Projects	01-04-2023
21	Home Automation,	01-04-2023
22	Automobiles, Medical.	01-04-2023
23	Industrial. Robotics,	01-04-2023
24	Security and etc.,	01-04-2023
25	Assignment	01-04-2023
26	Sample test	01-04-2023
		01-04-2023
		01-04-2023

Prescribed text book: Let us Embedded C

P. Satya Tyagi
Signature of the coordinator

Ideal College of Arts and Sciences

Autonomous, NAAC-B
Vidyutnagar, Kakinada
Value Added Course enrolment

Value added Course Name: Embedded - C (4 credit)

Dates: 1/11/2023 to 30/11/2023

S.No.	Name	Roll Number	Course	Sem/Year	Signature
1	A. Sakash	2210402301	AI & Robot		A. Sakash
2	A. Vamsi Nani Anil Kumar	2210402302	AI & Robot		A.V.N. Anil Kumar
3	B. Hanumanthamba Ramya Reddy	2210402303	AI & Robot		B. Hanu
4	B. Chandra	2210402304	AI & Robot		B. Chandra
5	B. Musali	2210402305	AI & Robot		B.M.
6	B. Naga Manohar	2210402306	AI & Robot		B.N.M
7	Ch. Sreenay Kumar	2210402307	AI & Robot		Ch. S.
8	G. Ganeshwar Rao	2210402308	AI & Robot		G. Ganeshwar Rao
9	J. Rashmi	2210402309	AI & Robot		J. Rashmi
10	K. Ramya	2210402310	AI & Robot		K. Ramya
11	K. Suraja Pija	2210402311	AI & Robot		K. Suraja Pija
12					
13	L. Govardhan	2210402313	AI & Robot		L. Govardhan
14	O. Sasthi Babu	2210402314	AI & Robot		O. Sasthi Babu
15	P. Sri Vinay Kumar	2210402315	AI & Robot		P. Sri Vinay Kumar
16	S. Ravi Kiran	2210402316	AI & Robot		S. R. K.
17	S.O.M. Subrahmanyam	2210402317	AI & Robot		S.O.M.
18					
19	U. Balaram	2210402320	AI & Robot		U. Balaram
20	V.N.B. Pragna	2210402321	AI & Robot		V.N.B. Pragna

OUTCOME: STUDENT WILL BE AWARE OF THE TECHNOLOGY USED. IT HELPS STUDENTS TO THINK PRACTICALLY AND PROMOTE INNOVATIVE THOUGHTS.

UNIT-I: SENSORS: INTRODUCTION, CLASSIFICATION OF SENSORS, DIFFERENT TYPES OF SENSORS- TEMPERATURE SENSOR, PROXIMITY SENSOR, ACCELEROMETER, IR SENSOR (INFRARED SENSOR), PRESSURE SENSOR, LIGHT SENSOR, ULTRASONIC SENSOR, SMOKE, GAS AND ALCOHOL SENSOR, TOUCH SENSOR, COLOR SENSOR, HUMIDITY SENSOR, TILT SENSOR, FLOW AND LEVEL SENSOR. REAL TIME APPLICATIONS OF SENSORS.

UNIT-II: WIRELESS COMMUNICATION: INTRODUCTION, TYPES OF COMMUNICATIONS- INFRARED, RF RECEPTION, ZIGBEE, BLUETOOTH, WIFI, RFID AND GPS

UNIT-III: EMBEDDED C: BASICS OF EMBEDDED C PROGRAMMING, SIMPLE PROGRAMS TO INTERFACE INPUT AND OUTPUT DEVICES AND SENSORS TO 8051 MICROCONTROLLER.

UNIT-IV: ARDUINO:INTRODUCTION, TYPES OF ARDUINOS, PIN DESCRIPTION, ARDUINO PLATFORM, ARDUINO PROGRAMMING INTERFACING DIFFERENT SENSORS TO ARDUINO. INTRODUCTION TO ANDROID APPS.

UNIT-V: REAL TIME PROJECTS: HOME AUTOMATION, AUTOMOBILES, MEDICAL, INDUSTRIAL, ROBOTICS, SECURITY AND ETC.,



IDEAL
COLLEGE OF ARTS & SCIENCES
AUTONOMOUS, NAAC - B
VIDYUTNAGAR, KAKINADA - 833008



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND ROBOTICS

OFFERING

VALUE ADDED COURSE ON

EMBEDDED

C

RESOURCE PERSON

MR.V.JEEVAN KANTH

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

CO-ORDINATOR

MRS.P.JYOTHI

CERTIFICATION
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 Artificial Intelligence And Robotics was established since 2021. The faculty members of the department are well experienced in teaching. The Department has a Artificial Intelligence And Robotics 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 90 in number, for the ready reference to students to tackle different methods in practical sessions.

ABOUT THE COURSE

The Embedded C course gives a step-by-step approach to mastering the C programming language 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



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

**A Four-week Value-Added Course on “C Language”
Organized by Department of
Artificial Intelligence and
Robotics
(1st Dec 2022 – 30th Dec 2022)**

Resource Person:

Mr. V. Jeevan Kanth
H.O.D Artificial Intelligence
and Robotics

Ideal College of Arts & Sciences (A),
Kakinada

Email.

hodair@idealcollege.edu.in

Contact Number: 9640419933

Coordinator

:

Sri. P. Satya Jyothi,
Artificial Intelligence and
Robotics

Ideal College of Arts & Sciences (A),
Kakinada

Email.

mathsair@idealcollege.edu.in

Contact Number: 9959166887

Objectives:

- To learn about Programming Language.
- To understand different loops Statements
- To know about Application Designing

Unit-1: Sensors: Introduction, Classification of sensors, different types of sensors- Temperature Sensor, Proximity Sensor, Accelerometer, IR Sensor (infrared Sensor), Pressure Sensor, Light Sensor, ultrasonic Sensor, Smoke, Gas and Alcohol Sensor, Touch Sensor, Color Sensor, humidity Sensor, Tilt Sensor, Flow and Level Sensor. Real time applications to sensors.


Unit-11: Wireless Communication: Introduction, types of communications- Infrared, RF rejection, Zigbee, Bluetooth, Wi-Fi, RFID and GPS

Unit-III: Embedded C: Basics of embedded c programming, simple programs to interface input and output devices and sensors to 8051 microcontroller.

Unit-IV: Arduino: Introduction, types of arduinos, pin description, Arduino platform, Arduino programming interfacing different sensors to arduino. Introduction to Android

Unit-V: Real Time Projects: Home Automation, Automobiles, Medical, Industrial, Robotics, Security and etc.,

No. of participants:17


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
“C-Language” conducted by the Department of Artificial intelligence and Robotics
Ideal college of Arts & science(A), KAKINADA from 1st Dec 2022 to 30th Dec 2022

Mr.V.Jeevan Kanth
Resource person

Mrs.P.Satya Jyothi
co-ordinator

Dr.T.Satyanarayana
Principal

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

NOTICE

Dt:17.04.2023

All the I B.Voc Students are hereby informed that Department of Fisheries and Aquaculture conducting A Three Week value added course on "Vermicomposting" from April 2023 to June 2023.

Interested candidates are register their names with Sri P.V.Lovaraju HOD of Fisheries & Aquaculture, and Course coordinator on or before 24.04.2023.

T. Subramanian
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 Three Week value added course on "Vermicomposting"

Day wise course Schedule

Day	Date	Topic
1	27-04-2023	Types of earth worms
2	28-04-2023	Classification of Epigeic, Endogeic
3	29-04-2023	Classification of Diageic
4	01-05-2023	history of Earthworms
5	02-05-2023	Assignment
6	03-05-2023	Small scale Bed method
7	04-05-2023	large scale Bed method
8	05-05-2023	Pit method
9	06-05-2023	Test
10	08-05-2023	Storing and packing of vermicompost
11	09-05-2023	Harvesting the Compost
12	10-05-2023	Physical Parameters of vermicompost
13	11-05-2023	Analysis of Physical-chemical characteristics
14	12-05-2023	Nutrient content of vermicompost
15	05-06-2023	Assignment
16	06-06-2023	Role of vermicompost in agriculture
17	07-06-2023	Precautions while vermicomposting
18	08-06-2023	Benefits of vermicompost
19	09-06-2023	Pests and Diseases of Earthworms
20	12-06-2023	Seminars
21	13-06-2023	Test


Signature of the Coordinator

Course Structure & Syllabus

30hr

Objectives:

Transformation of the residues generated by human activity and production of organic fertilizers by using earthworms.

Course Outcomes

Students will get knowledge on biodiversity of local earthworms.

Students will be able to know how to do vermicomposting and its importance.

UNIT I:

* Types of Earthworm and Classification Epigeic, Endogeic, Diageic.

* Life history of Earthworms (Earthworm Species Eiseniafoetida).

UNIT II:* Small and large scale Bed method, Pit method

* Harvesting the Compost, Storing and packing of

vermicompost

UNIT III:

* Physical Parameters of vermicompost

* Nutrient content of vermicompost and their role in agriculture

* Benefits of vermicompost



IDEAL COLLEGE OF ARTS AND SCIENCES

(AUTONOMOUS, NAAC B)

DEPARTMENT OF FISHERIES AND AQUACULTURE
Offering

A THREE WEEK VALUE ADDED COURSE ON

VERMICOMPOSTING

Resource person

Smt.P.S.Devapriya

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 Value added fishery products is not totally new. Vermicomposting is the product of earthworm digestion and aerobic decomposition using the activities of micro- and microorganisms at room temperature. Vermicomposting, or worm composting, produces a rich organic soil amendment containing a diversity of plant nutrients and beneficial microorganisms. The advantage of course gives you how to do vermicomposting, requirements for vermicomposting.

Registration form

Name : _____

Roll No: _____

Class : _____

Address for correspondence:

Mobile No: _____

Email Id : _____

IDEAL COLLEGE OF ARTS AND SCIENCES
(Autonomous & NAACB)
Dr. P.V.N. RAJUVIDYAPRANGANAM, KAKINADA


Department of Fisheries and Aquaculture

Value Added Course 2022-2023

List of Students

S.NO	REG.NO	STUDENT NAME	SIGNATURE
1	2220404101	A.CHANDU KUMAR	chandu kumar
2	2220404102	B. SUNNY BABU	sunny babu
3	2220404103	B.KRISHNA GANESH	Krishna Ganesh
4	2220404104	B.HONEY	Honey
5	2220404105	B.MEGHANA	Meghana
6	2220404106	B.AJAY KUMAR	Ajay Kumar
7	2220404107	B.SIVAGOVINDU	Sivago Vinudu
8	2220404108	CH.DURGA MALLESH	Durga Mallesh
9	2220404109	CH.RAVI KUMAR	Ravi Kumar
10	2220404110	CH.RAJU	Raju
11	2220404111	D.VIVEK	Vivek
12	2220404112	I.V.NARASIMHA KALYAN	Kalyan
13	2220404113	J.M.NARASIMHA RAM	Ram
14	2220404114	J.VENKATA RAMAYYA	Ramayya
15	2220404115	K.SWAMI	Swami
16	2220404116	K.JAYANTHI	Jayanthi
17	2220404117	K.SNIGDHAKAMALI	Snigdha Kamali
18	2220404118	K.UMA MAHESH	Uma Mahesh
19	2220404119	K.DIVYA	Divya

20	2220404120	M.SAMBA GANESH	
21	2220404121	M.PUJITHA	Ganesh
22	2220404122	M.NAGA	Pujitha
23	2220404124	M.KARTHIK	Naga
24	2220404125	M.LEENA	Karthik
25	2220404126	N.VENUMADHAV	Leena
26	2220404127	N.LAKSHMAN	Venumadhav
27	2220404128	N.BALUMAHENDRA	Lakshman
28	2220404129	N.SAIRAM	mahanbra
29	2220404130	P.ARAVIND	Sai Ram
30	2220404131	P.SATISH	Aravind
31	2220404132	P.SURESH	Satish
32	2220404134	R.M.A.AHMAD	Suresh
33	2220404136	T.MADHURIMA	Ahmad
34	2220404138	V.VEERALAKSHMI	Madhurima
35	2220404140	V.MANEESHA	Manesha
36	2220404141	V.ANANTHI	Manesha
37	2220404142	Y.VASU	Ananthi
			Vasu


SIGNATURE OF THE CLASS TEACHER


SIGNATURE OF THE HOD



IDEAL COLLEGE OF ARTS AND SCIENCES

(Autonomous & NAAC B)

Dr. P.V.N. RAJU VIDYAPRANGANAM

KAKINADA

VALUE-ADDED COURSE REPORT

A Three-week Value-Added Course on “Vermicomposting”
Organized by Department of Fisheries and Aquaculture (April 2023–June 2023)

Resource Person : Smt.P.S.Devapriya,
Assistant Professor of Fisheries and Aquaculture
Ideal College of Arts & Sciences, Kakinada.
E-mail: hodfisheries@idealcollege.edu.in
Contact Number: 9059041007

Coordinator : Sri P.V.Lovaraju,
HOD of Fisheries and Aquaculture
Ideal College of Arts & Sciences, Kakinada
E-mail: hodfisheries@idealcollege.edu.in
Contact Number: 8919567363

OBJECTIVES:

Transformation of the residues generated by human activity and production of organic fertilizers by using earthworms.

Topics Covered :

UNIT I:

- * Types of Earthworm and Classification Epigeic, Endogeic, Diageic.
- * Life history of Earthworms (Earthworm Species Eiseniafoetida).

UNIT II: PRODUCTION AND DIFFERENT METHODS OF VERMICOMPOSTING

- * Small and large scale Bed method, Pit method
- * Harvesting the Compost, Storing and packing of vermicompost

UNIT III:

- * Physical Parameters of vermicompost
- * Nutrient content of vermicompost and their role in agriculture
- * Benefits of vermicompost

Outcomes of the Course:

Students will get knowledge on biodiversity of local earthworms.
Students will be able to know how to do vermicomposting and its importance.

Number of Participants: 33 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 Three week Value Added Course on “Vermicomposting” Conducted by the Department of Fisheries and Aquaculture, Ideal College of Arts & Sciences(B), Kakinada from April 2023 to June 2023.


Smt.P.S.Devapriya
Resource Person


P.V.Lovaraju
Coordinator


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