

Date: 25/11/2020.

From

Dr. N. V. Gowtham Deekshithulu,

Head of the Department,

Department of Agricultural Engineering,

Aditya Engineering College (A).

To

The Principal,

Aditya Engineering College (A).

Respected Sir,

Sub: Request to approve the proposal of organizing a Value Added Course...reg.

The Department of Agricultural Engineering is planning to organize a Value Added Course entitled "Agricultural Informatics" for the VII & V Semester students of Agricultural Engineering from 07-12-2020 to 12-12-2020. Hence I request you to approve the proposal of conducting the program as stated.

Thanking you,

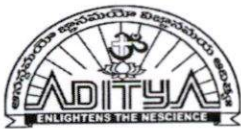
Permitted
Sul

N. V. Gowtham
Yours truly,

Head of the Department,

Department of Ag.E.

Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Agricultural Engineering

Date: 02-12-2020

CIRCULAR

All the VII & V semester students of Agricultural Engineering are here by informed that a Value- Added Course named "Agricultural Informatics" is going to commence from 07-12-2020 to 12-12-2020. The interested students can register and complete the course. The classes will be held in Newton Bhavan Room no: 404. For further details, contact Ms. J. Pavani, Assistant Professor, Department of Agricultural Engineering.

N.V. Gadd

Head of the Department

Head of the Department

Department of Agricultural Engineering

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COURSE CONTENT

The following topics will be covered

Topic	Hours
Introduction	6
Weather analysis and crop simulation models	6
IT application for computation of water and nutrient requirement of crops	6
Smartphone mobile apps in Agriculture	6
Preparation of contingent crop-planning and crop calendars using IT tools	6
Total hours	30

COURSE OUTCOMES

At the end of the course student will be able to

- Conduct weather analysis
- Prepare contingent crop- planning and crop calendars using IT tools
- Calculate water and nutrient requirement for crops using IT application.
- Use of IT application and different IT tools in agriculture.

RESOURCE PERSON

Dr. N.V. Gowtham Deekshithulu

Assistant Professor

Department of Agricultural Engineering, AEC

Email: hod_age@aec.edu.in

N.V. Gowtham
Head of the Department

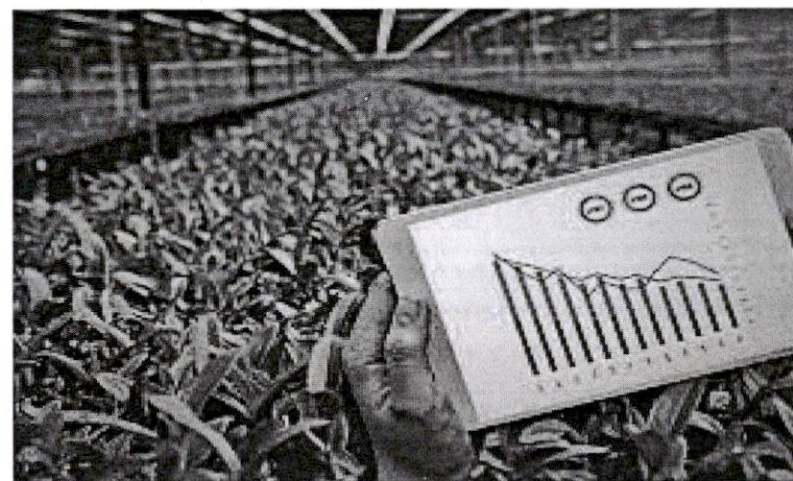
Department of Agricultural Engineering
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Value Added Course

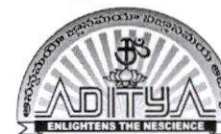
on

Agricultural Informatics

07th to 12th December 2020



Organized by
Department of Agricultural Engineering



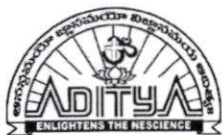
ADITYA ENGINEERING COLLEGE (A)

CO-ORDINATOR

Ms. J. Pavani

Assistant Professor

Email: pavanij@aec.edu.in



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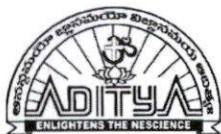
Value Added Course Report

Name of the Course	Agricultural Informatics	
Introduction to Event	A six-day Value Added Course on Agricultural Informatics was conducted. The objective of this course is to Acquire a clear understanding of theory and application of Information & Community technology in various fields and promoting the applications of ICT in Agriculture.	
Event date	07-12-2020 to 12-12-2020	
Number of days	6	
Coordinator(s)	Ms. J. Pavani	
Agenda/Event Flow	Topic	Hours
	Introduction	6
	Weather analysis and crop simulation models	6
	IT application for computation of water and nutrient requirement of crops	6
	Smartphone mobile apps in Agriculture	6
	Preparation of contingent crop-planning and crop calendars using IT tools	6
	Total hours	30
No of Students participated and list	110 and the participant list is Enclosed	
Target participants	B.Tech VII & V Semester	
Participants Attendance Sheet(enclosure)	Enclosed	
Resource person(s)	Dr. N.V. Gowtham Deekshithulu Assistant Professor Contact No. 9032047583 Email: hod_age@aec.edu.in	
Profile of resource person(s) in brief	Enclosed	

Location and venue	NWB-404, Aditya Engineering College
Outcomes	At the end of the course student will able to understand • Conduct weather analysis • Prepare contingent crop- planning and crop calendars using IT tools • Calculate water and nutrient requirement for crops using IT application. • Use of IT application and different IT tools in agriculture.


Course coordinator


Head of the Department
Head of the Department
Department of Agricultural Engineering
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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Agricultural Engineering

Course: Agricultural Informatics

Scheduled Tenure: 07-12-2020 to 12-12-2020

Venue: NWB 404

S.No	Roll No	Name	Semester
1	17A91A3501	AISWARYA S NAIR	VII
2	17A91A3502	AMAL PHILIP	VII
3	17A91A3504	ANISSETTI SAI RAMA SWAMY	VII
4	17A91A3505	ARNAB DAS	VII
5	17A91A3506	BATTULA RAMARAJU	VII
6	17A91A3507	CHILAKAMARTHI SATYA RAMU	VII
7	17A91A3508	CHITTIBOMMA NAGA VENKATA VARA PRASAD	VII
8	17A91A3509	DEBLINA BERA	VII
9	17A91A3510	EKTA PAUL	VII
10	17A91A3511	ELISSETTI VEERA VENKATA SATYANARAYANA	VII
11	17A91A3512	GANDHAM RAMESH	VII
12	17A91A3513	GARAPATI GEETHA HARINI	VII
13	17A91A3514	JOYITA MALI	VII
14	17A91A3515	KARRI SURENDRA REDDY	VII
15	17A91A3516	KONDEPUDI LAKSHMI KAVYA	VII
16	17A91A3517	KURUKURI MANASA	VII
17	17A91A3518	LINGAM HARITHA DEVI	VII
18	17A91A3519	MACHARLA MANIKONDALU	VII
19	17A91A3520	MAGAPU SUSHMA KALYANI	VII
20	17A91A3521	MAITREYI DAS	VII
21	17A91A3522	MANEPALLI RAJA SRI	VII
22	17A91A3523	MEDAPATI DURGA VENKATA SAI LAKSHMI	VII
23	17A91A3525	PALADUGU VEERANJANEYULU	VII
24	17A91A3526	PARIMI SAI SRINIVAS	VII
25	17A91A3527	PATNEEDI JAYA KUMAR	VII
26	17A91A3528	PATURI NAGADEVI	VII
27	17A91A3529	YADLA SUBHASH	VII
28	17A91A3530	POTHIREDDY RAMANJANEYA REDDY	VII
29	17A91A3531	POULAMI PAUL	VII
30	17A91A3532	PRANAV P AJITH	VII
31	17A91A3535	RICHA DAS	VII
32	17A91A3537	SOYAM BALU MAHENDRA	VII
33	17A91A3538	TATIREDDY MAHESWARA REDDY	VII
34	17A91A3539	TCHIMON OTHNIEL	VII
35	17A91A3541	TUMMALA ROHINI	VII

36	17A91A3542	VAKAPALLI SHEKEENA	VII
37	17A91A3545	VASAMSETTI VAMSEE KRISHNA	VII
38	17A91A3546	VEGURI VINAY SAGAR	VII
39	17A91A3547	VELUGULA SAI SATISH	VII
40	17A91A3548	VUDIKALA MANOHAR	VII
41	17A91A3549	YADDANAPUDI VAMSI KRISHNA	VII
42	17A91A3550	ANURAG KUMAR RAJ	VII
43	17A91A3551	POLUPARTHI HARINDH	VII
44	18A95A3501	VISLAVATH VIJAYKANTH	VII
45	18A95A3502	CHANDURI SANDEEP REDDY	VII
46	18A95A3503	KATIKE ARUN KUMAR	VII
47	18A95A3504	ADA NAVEEN KUMAR	VII
48	18A95A3506	RAGULA SRINATH	VII
49	18A95A3507	THONTA DILIP KUMAR	VII
50	18A95A3508	ALLIPURAM VIKAS CHANDRA PRASAD	VII
51	18A95A3509	UBALANKA RAVINDRA BABU	VII
52	18A95A3510	THARUNAM NIKHIL KUMAR	VII
53	18A95A3511	PASHAM DIVYA	VII
54	18A95A3512	PASHAM SWATHI	VII
55	18A95A3515	MADANA SRINU	VII
56	18A95A3516	RAYKOTI SWAPNA	VII
57	18A95A3518	DALAI MADHUSUDHAN RAO	VII
58	18A95A3519	MUTHYALA VENKATA SESA SAYANA REDDY	VII
59	18A95A3521	PRODDUTURU PREMA KUMAR REDDY	VII
60	18A91A3501	ADIREDDY BHAVANI VENKATA SAI NIKHIL	V
61	18A91A3502	AJAY R THAMPI	V
62	18A91A3504	ATHUL RAJ V	V
63	18A91A3505	BALUMURI TEJA	V
64	18A91A3506	CHEKKA JYOTSNA	V
65	18A91A3507	DUVVURI SAI RAMA PADMA HARSHITA	V
66	18A91A3508	EERLA SHIVA PADMAJA	V
67	18A91A3509	GUDIMETLA M V SAIDURGA MANIKANTA REDDY	V
68	18A91A3510	GUMMADI PRANATI	V
69	18A91A3511	GUMMALLA LAKSHMI SURYA SRINIVAS	V
70	18A91A3512	HARITHIKA SUSAN GIGI	V
71	18A91A3513	HISHAMABDULLH HASHIM	V
72	18A91A3514	KALAGARA HARSHA PRIYA	V
73	18A91A3515	KALIKOTI ANUSHA SAI LAKSHMI	V
74	18A91A3516	KAMANI GOPICHANDRA BABU	V
75	18A91A3517	KOLLAPU MAHITHA	V
76	18A91A3518	KONANKI SIVA GOPI	V
77	18A91A3519	KONDAPALLI SIREESHA	V
78	18A91A3520	KUNDURU SARAYU	V
79	18A91A3521	MALLELA VARALAKSHMI	V

80	18A91A3522	MAMILLAPALLI GOPI	V
81	18A91A3523	MUSHINI SRI DURGA	V
82	18A91A3524	MUSHINI SRI LAKSHMI	V
83	18A91A3525	PALUKURI BRAHMA TEJA	V
84	18A91A3526	PATTIPATI LOKA GANGADHARA RAO	V
85	18A91A3527	PENMATSA KRISHNA SAI VARMA	V
86	18A91A3528	PULLAGURA PRINCE JEDIDHYA	V
87	18A91A3529	RAMAVATH BALARAM NAIK	V
88	18A91A3530	RAYAPUREDDI TARAKA SUBRAMANYA SWAMI NAIDU	V
89	18A91A3531	SADANALA PUSHPALATHA	V
90	18A91A3532	SAKANDER ALI	V
91	18A91A3533	SIRSENDU MAITY	V
92	18A91A3534	SANAPATHI KARTHIK RAM	V
93	18A91A3535	SAYAL PRAKASH M	V
94	18A91A3536	SUBHAJIT DAS	V
95	18A91A3537	SUKAMAL MANNA	V
96	18A91A3540	THULAGAPU MOUNIKA	V
97	18A91A3541	VECHALAPU SAI GANESH	V
98	18A91A3542	VEEPURI YUVARAJ	V
99	19A95A3502	BESTA YASHVITHA DEVI	V
100	19A95A3503	MOLGURI DHARMA TEJA	V
101	19A95A3504	C THIPPESWAMY GARI NANDEESWARA	V
102	19A95A3506	NANDRU MRUDULA DEEPI	V
103	19A95A3507	SANAPATHI SADWIKI	V
104	19A95A3508	AMPOLU SANTHI SWAROOP	V
105	19A95A3509	PYLA HEMANTH SAI KUMAR	V
106	19A95A3510	PANCHIKATLA SRI SAI KUMAR	V
107	19A95A3511	EDUPALLI BALARAM KAMESWARARAO	V
108	19A95A3512	IMMANDI RAVI KUMAR	V
109	19A95A3513	TELAPROLU CHARAN GOPI	V
110	19A95A3514	KONDRU ANIL KUMAR	V


Course coordinator

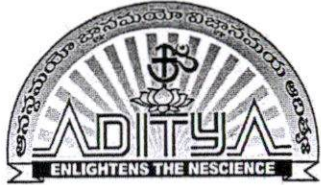

Head of the Department
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Department of Agricultural Engineering				Attendance,Duration: 07-12-2020 to 12-12-2020																													
Course: Agricultural Informatics				07-12-2020					08-12-2020					09-12-2020					10-12-2020					11-12-2020					12-12-2020				
				FN			AN		FN			AN		FN			AN		FN			AN		FN			AN		FN			AN	
S.No	Roll No	Name	Semester	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
29	17A91A3531	POULAMI PAUL	VII	Paul			Paul		Paul			Paul		Paul			Paul		Paul			Paul		Paul		Paul		Paul			Paul		
30	17A91A3532	PRANAV P AJITH	VII	Ajith			Ajith		Ajith			Ajith		Ajith			Ajith		Ajith			Ajith		Ajith		Ajith		Ajith			Ajith		
31	17A91A3535	RICHA DAS	VII	Das			Das		Das			Das		Das			Das		Das			Das		Das		Das		Das			Das		
32	17A91A3537	SOYAM BALU MAHENDRA	VII	S. Maheswara			S. Maheswara		S. Maheswara			S. Maheswara		A			A		S. Maheswara			S. Maheswara		S. Maheswara		S. Maheswara		S. Maheswara			S. Maheswara		
33	17A91A3538	TATIREDDY MAHESWARA REDDY	VII	Maheswara			Maheswara		Maheswara			Maheswara		Maheswara			Maheswara		Maheswara			Maheswara		Maheswara		Maheswara		Maheswara			Maheswara		
34	17A91A3539	TCHIMON OTHNIEL	VII	T. Othniel			T. Othniel		T. Othniel			T. Othniel		T. Othniel			T. Othniel		T. Othniel			T. Othniel		T. Othniel		T. Othniel		T. Othniel			T. Othniel		
35	17A91A3541	TUMMALA ROHINI	VII	Rohini			Rohini		Rohini			Rohini		Rohini			Rohini		Rohini			Rohini		Rohini		Rohini		Rohini			Rohini		
36	17A91A3542	VAKAPALLI SHEKEENA	VII	Shekeena			Shekeena		Shekeena			Shekeena		Shekeena			Shekeena		Shekeena			Shekeena		Shekeena		Shekeena		Shekeena			Shekeena		
37	17A91A3545	VASAMSETTI VAMSEE KRISHNA	VII	Krishna			Krishna		Krishna			Krishna		Krishna			Krishna		Krishna			Krishna		Krishna		Krishna		Krishna			Krishna		
38	17A91A3546	VEGURI VINAY SAGAR	VII	V.V.Sagar			V.V.Sagar		V.V.Sagar			V.V.Sagar		V.V.Sagar			V.V.Sagar		V.V.Sagar			V.V.Sagar		V.V.Sagar		V.V.Sagar		V.V.Sagar			V.V.Sagar		
39	17A91A3547	VELUGULA SAI SATISH	VII	Satish			Satish		Satish			Satish		Satish			Satish		A			A		Satish		Satish		Satish			Satish		
40	17A91A3548	VUDIKALA MANOHAR	VII	V. Manohar			V. Manohar		V. Manohar			V. Manohar		V. Manohar			V. Manohar		V. Manohar			V. Manohar		V. Manohar		V. Manohar		V. Manohar			V. Manohar		
41	17A91A3549	YADDANAPUDI VAMSI KRISHNA	VII	Y. Vamsi			Y. Vamsi		Y. Vamsi			Y. Vamsi		Y. Vamsi			Y. Vamsi		Y. Vamsi			Y. Vamsi		Y. Vamsi		Y. Vamsi		Y. Vamsi			Y. Vamsi		
42	17A91A3550	ANURAG KUMAR RAJ	VII	Kumar			Kumar		Kumar			Kumar		Kumar			Kumar		Kumar			Kumar		Kumar		Kumar		Kumar			Kumar		
43	17A91A3551	POLUPARTHI HARINDH	VII	Harindh			Harindh		Harindh			Harindh		Harindh			Harindh		Harindh			Harindh		Harindh		Harindh		Harindh			Harindh		
44	18A95A3501	VISLAVATH VIJAYKANTH	VII	Senkar			Senkar		Senkar			Senkar		Senkar			Senkar		Senkar			Senkar		Senkar		Senkar		Senkar			Senkar		
45	18A95A3502	CHANDURI SANDEEP REDDY	VII	Sandeep			Sandeep		Sandeep			Sandeep		Sandeep			Sandeep		Sandeep			Sandeep		Sandeep		Sandeep		Sandeep			Sandeep		
46	18A95A3503	KATIKE ARUN KUMAR	VII	Arun			Arun		Arun			Arun		Arun			Arun		Arun			Arun		A		A		Arun			Arun		
47	18A95A3504	ADA NAVEEN KUMAR	VII	Kumar			Kumar		Kumar			Kumar		Kumar			Kumar		Kumar			Kumar		Kumar		Kumar		Kumar			Kumar		
48	18A95A3506	RAGULA SRINATH	VII	Srinath			Srinath		Srinath			Srinath		Srinath			Srinath		Srinath			Srinath		Srinath		Srinath		Srinath			Srinath		
49	18A95A3507	THONTA DILIP KUMAR	VII	T. Dilip			T. Dilip		A			A		T. Dilip			T. Dilip		T. Dilip			T. Dilip		T. Dilip		T. Dilip		T. Dilip			T. Dilip		
50	18A95A3508	ALLIPURAM VIKAS CHANDRA PRASAD	VII	Prasad			Prasad		Prasad			Prasad		Prasad			Prasad		Prasad			Prasad		Prasad		Prasad		Prasad			Prasad		
51	18A95A3509	UBALANKA RAVINDRA BABU	VII	Ravindra			Ravindra		Ravindra			Ravindra		A			Ravindra		Ravindra			Ravindra		Ravindra		Ravindra		Ravindra			Ravindra		
52	18A95A3510	THARUNAM NIKHIL KUMAR	VII	T. Nikhil			T. Nikhil		T. Nikhil			T. Nikhil		T. Nikhil			T. Nikhil		T. Nikhil			T. Nikhil		T. Nikhil		T. Nikhil		T. Nikhil			T. Nikhil		
53	18A95A3511	PASHAM DIVYA	VII	Divya			Divya		A			A		Divya			Divya		Divya			Divya		A		A		Divya			Divya		
54	18A95A3512	PASHAM SWATHI	VII	Swathi			Swathi		Swathi			Swathi		Swathi			Swathi		Swathi			Swathi		Swathi		Swathi		Swathi			Swathi		
55	18A95A3515	MADANA SRINU	VII	Srinu			Srinu		Srinu			Srinu		Srinu			Srinu		Srinu			Srinu		Srinu		Srinu		Srinu			Srinu		
56	18A95A3516	RAYKOTI SWAPNA	VII	Swapna			Swapna		Swapna			Swapna		Swapna			Swapna		Swapna			Swapna		Swapna		Swapna		Swapna			Swapna		
57	18A95A3518	DALAI MADHUSUDHAN RAO	VII	Madhu			Madhu		Madhu			Madhu		Madhu			Madhu		Madhu			Madhu		Madhu		Madhu		Madhu			Madhu		
58	18A95A3519	MUTHYALA VENKATA SSHA SAYANA REDDY	VII	M. V. Sreedhar			M. V. Sreedhar		M. V. Sreedhar			M. V. Sreedhar		M. V. Sreedhar			M. V. Sreedhar		M. V. Sreedhar			M. V. Sreedhar		M. V. Sreedhar		M. V. Sreedhar		M. V. Sreedhar			M. V. Sreedhar		
59	18A95A3521	PRODDUTURU PREMA KUMAR REDDY	VII	Keema			Keema		A			A		Keema			Keema		Keema			Keema		Keema		Keema		Keema			Keema		
60	18A91A3501	ADIREDDY BHAVANI VENKATA SAI NIKHIL	V	Nikhil			Nikhil		Nikhil			Nikhil		Nikhil			Nikhil		Nikhil			Nikhil		Nikhil		Nikhil		Nikhil			Nikhil		
61	18A91A3502	AJAY R THAMPI	V	Ajay			Ajay		Ajay			Ajay		Ajay			Ajay		Ajay			Ajay		Ajay		Ajay		Ajay			Ajay		

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Department of Agricultural Engineering				Attendance,Duration: 07-12-2020 to 12-12-2020																													
Course: Agricultural Informatics				07-12-2020					08-12-2020					09-12-2020					10-12-2020					11-12-2020					12-12-2020				
				FN			AN		FN			AN		FN			AN		FN			AN		FN			AN		FN			AN	
S.No	Roll No	Name	Semester	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
62	18A9IA3504	ATHUL RAJ V	V	A. Raj V					R. Raj V			R. Raj V		R. Raj V			R. Raj V		R. Raj V			R. Raj V		R. Raj V		R. Raj V		R. Raj V					
63	18A9IA3505	BALUMURI TEJA	V	B. Teja					B. Teja			B. Teja		B. Teja			B. Teja		B. Teja			B. Teja		B. Teja		B. Teja		B. Teja					
64	18A9IA3506	CHEKKA JYOTSNA	V	Jyotsna					Jyotsna			Jyotsna		Jyotsna			Jyotsna		Jyotsna			Jyotsna		Jyotsna		Jyotsna		Jyotsna					
65	18A9IA3507	DUVVURI SAI RAMA PADMA HARSHITA	V	Harshita					Harshita			Harshita		Harshita			Harshita		Harshita			Harshita		Harshita		Harshita		Harshita					
66	18A9IA3508	EERLA SHIVA PADMAJA	V	Padma					Padma			Padma		Padma			Padma		Padma			Padma		Padma		Padma		Padma					
67	18A9IA3509	GUDIMETLA M V SAIDURGA MANIKANTA REDDY	V	GmReddy					GmReddy			GmReddy		GmReddy			GmReddy		GmReddy			GmReddy		GmReddy		GmReddy		GmReddy					
68	18A9IA3510	GUMMADI PRANATI	V	G. Pranati					G. Pranati			G. Pranati		G. Pranati			G. Pranati		G. Pranati			G. Pranati		G. Pranati		G. Pranati		G. Pranati					
69	18A9IA3511	GUMMALLA LAKSHMI SURYA SRINIVAS	V	Sri Sri					Sri Sri			Sri Sri		Sri Sri			Sri Sri		Sri Sri			Sri Sri		Sri Sri		Sri Sri		Sri Sri					
70	18A9IA3512	HARITHIKA SUSAN GIGI	V	Susan					Susan			Susan		Susan			Susan		Susan			Susan		Susan		Susan		Susan					
71	18A9IA3513	HISHAMABDULLH HASHIM	V	Hashim					Hashim			Hashim		Hashim			Hashim		Hashim			Hashim		Hashim		Hashim		Hashim					
72	18A9IA3514	KALAGARA HARSHA PRIYA	V	priya					priya			priya		priya			priya		priya			priya		priya		priya		priya					
73	18A9IA3515	KALIKOTI ANUSHA SAI LAKSHMI	V	Anusha					Anusha			Anusha		Anusha			Anusha		Anusha			Anusha		Anusha		Anusha		Anusha					
74	18A9IA3516	KAMANI GOPICHANDRA BABU	V	Babu					Babu			Babu		Babu			Babu		Babu			Babu		Babu		Babu		Babu					
75	18A9IA3517	KOLLAPU MAHITHA	V	Mahitha					Mahitha			Mahitha		Mahitha			Mahitha		Mahitha			Mahitha		Mahitha		Mahitha		Mahitha					
76	18A9IA3518	KONANKI SIVA GOPI	V	K. Sivago					K. Sivago			K. Sivago		K. Sivago			K. Sivago		K. Sivago			K. Sivago		K. Sivago		K. Sivago		K. Sivago					
77	18A9IA3519	KONDAPALLI SIREESHA	V	Sireesha					Sireesha			Sireesha		Sireesha			Sireesha		Sireesha			Sireesha		Sireesha		Sireesha		Sireesha					
78	18A9IA3520	KUNDURU SARAYU	V	Saray					Saray			Saray		Saray			Saray		Saray			Saray		Saray		Saray		Saray					
79	18A9IA3521	MALLELA VARALAKSHMI	V	Varalakshi					Varalakshi			Varalakshi		Varalakshi			Varalakshi		Varalakshi			Varalakshi		Varalakshi		Varalakshi		Varalakshi					
80	18A9IA3522	MAMILLAPALLI GOPI	V	Gopi					Gopi			Gopi		Gopi			Gopi		Gopi			Gopi		Gopi		Gopi		Gopi					
81	18A9IA3523	MUSHINI SRI DURGA	V	M. Durga					M. Durga			M. Durga		M. Durga			M. Durga		M. Durga			M. Durga		M. Durga		M. Durga		M. Durga					
82	18A9IA3524	MUSHINI SRI LAKSHMI	V	M. Sri Lakshmi					M. Sri Lakshmi			M. Sri Lakshmi		M. Sri Lakshmi			M. Sri Lakshmi		M. Sri Lakshmi			M. Sri Lakshmi		M. Sri Lakshmi		M. Sri Lakshmi		M. Sri Lakshmi					
83	18A9IA3525	PALUKURI BRAHMA TEJA	V	P. Brahma					P. Brahma			P. Brahma		P. Brahma			P. Brahma		P. Brahma			P. Brahma		P. Brahma		P. Brahma		P. Brahma					
84	18A9IA3526	PATTIPATI LOKA GANGADHARA RAO	V	Ganga					Ganga			Ganga		Ganga			Ganga		Ganga			Ganga		Ganga		Ganga		Ganga					
85	18A9IA3527	PENMATSA KRISHNA SAI VARMA	V	Varma					Varma			Varma		Varma			Varma		Varma			Varma		Varma		Varma		Varma					
86	18A9IA3528	PULLAGURA PRINCE JEDIDHYA	V	Jedidhya					Jedidhya			Jedidhya		Jedidhya			Jedidhya		Jedidhya			Jedidhya		Jedidhya		Jedidhya		Jedidhya					
87	18A9IA3529	RAMAVATH BALARAM NAIK	V	Balaram					Balaram			Balaram		Balaram			Balaram		Balaram			Balaram		Balaram		Balaram		Balaram					
88	18A9IA3530	RAYAPUREDDI TARAKA SUBRAMANYA SWAMI NAIDU	V	Naidu					Naidu			Naidu		Naidu			Naidu		Naidu			Naidu		Naidu		Naidu		Naidu					
89	18A9IA3531	SADANALA PUSHPALATHA	V	Pushpalatha					Pushpalatha			Pushpalatha		Pushpalatha			Pushpalatha		Pushpalatha			Pushpalatha		Pushpalatha		Pushpalatha		Pushpalatha					
90	18A9IA3532	SAKANDER ALI	V	S. Ali					S. Ali			S. Ali		S. Ali			S. Ali		S. Ali			S. Ali		S. Ali		S. Ali		S. Ali					
91	18A9IA3533	SIRSENDU MAITY	V	S. Maity					S. Maity			S. Maity		S. Maity			S. Maity		S. Maity			S. Maity		S. Maity		S. Maity		S. Maity					
92	18A9IA3534	SANAPATHI KARTHIK RAM	V	Ram					Ram			Ram		Ram			Ram		Ram			Ram		Ram		Ram		Ram					
93	18A9IA3535	SAYAL PRAKASH M	V	Prakash					Prakash			Prakash		Prakash			Prakash		Prakash			Prakash		Prakash		Prakash		Prakash					

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ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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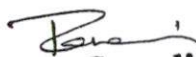
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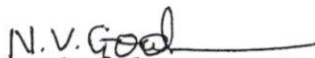
Aditya Nagar, ADB Road, Surampalem- 533437, Near Kakinada, E.G. Dt., Ph: 99498 76662

Department of Agricultural Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. AI SWARYA S NAIR bearing roll no 17A91A3501 of VII Semester has completed the Value-Added Course “Agricultural Informatics” during the period 07-12-2020 to 12-12-2020.


Course Coordinator


Head of the Department

Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)

Resource's person resume:

BIO-DATA

N.V.GOWTHAM DEEKSHITHULU

S/o: N.V. Deekshithulu

D.No: 10-3-12

M.G.Road, Bapatla.

Guntur(Dt), A.P.



Email : gowtham.deekshithulu@gmail.com

Mobile : 9032047583.

1. Carreer Objective

To excel in my field through hard work, research, skills and perseverance and to create value and recognition on work place by producing the best result for the organization.

2. Academic Profile

Qualification	Institute	University/Board	Year of Passing	Percentage
Ph.D (Soil and Water Engineering)	Dr. NTR College of Agricultural Engineering, Bapatla	Acharya N.G Ranga Agricultural University	2020	86.8
M.Tech (Soil and Water Engg.)	College of Agricultural Engineering, Bapatla	Acharya N.G Ranga Agricultural University	2015	85.8
B .Tech (Agricultural Engg.)	College of Agricultural Engineering, Bapatla	Acharya N.G Ranga Agricultural University	2013	74.2
Intermediate	Bapatla Junior College, Bapatla	Board of Intermediate Education	2009	78.0
S.S.C	Bapatla Public School, Bapatla	Board of Secondary Education	2007	76.3

3. Experience:

1. Worked as teaching associate during academic year 2015-2016 in CAE, Bapatla.
2. Working as Assistant Professor and HOD from 14-11-2019 to till date at Aditya Engineering

College, Surampalem.

4. Achievements

- ❖ Won academic topper award in Ph.D in 2017.
- ❖ Developed watershed model in CAE, Bapatla.

5. Soft skills

- ❖ DRAINMOD 6.1, Microsoft Visual Basic 6, Keil μ Vision 3 and NI Multisim 13.
- ❖ Scripting Language : C, VB.
- ❖ Packages : MS-Office

6. Trainings

Organization	No. of days	Training objectives	Organization
CAE, Bapatla	1 month (2011)	Design of racks	CAE, Bapatla
CRIDA	4 months (2012)	Sprinkler irrigation system designer using VB6	CRIDA
CRIDA	21 days (2014)	Software learning for microcontroller	CRIDA
CAE, Bapatla	3 days (2017)	Simulation models in irrigation, drainage and water resources management	CAE, Bapatla

7. Academic projects

Degree	Project title	Academic Year
Ph.D	Design, installation and performance evaluation of controlled drainage - subirrigation system in waterlogged rice fields of Bapatla	2017-2019
M.Tech	Development and evaluation of Low cost microcontroller used in Automated drip irrigation system	2014-2015
B.Tech	Development and evaluation of multicrop roto drill cum herbicide applicator	2012-2013

8. Research Papers

- ❖ Development of Different Irrigation Systems Calculator using VB6. *Indian Journal of Ecology*. 47(4): 902-909.
- ❖ Pre-drainage investigations of waterlogged rice fields in Bapatla region. 2019. *International Journal of Agriculture Sciences*. 11(13): 8725-8732.
- ❖ Design of controlled drainage-subirrigation (CD-SI) system in waterlogged rice fields of Bapatla. 2019. *International Journal of Agriculture Sciences*. 11(14): 8770-8775.
- ❖ Development of Software for the Microcontroller Based Automated Drip Irrigation System Using Soil Moisture Sensor. 2018. *International Journal of Current Microbiology and Applied Sciences*. 7(1): 1385-1393.
- ❖ Performance Evaluation of Low Cost Micro Controller Used in Automated Drip Irrigation System for Watermelon Crop. 2018. *The Andhra Agricultural Journal*. 65:219-225.
- ❖ Development and Performance Evaluation of Multi Crop Roto Drill cum Herbicide Applicator. 2017. *International Journal of Current Microbiology and Applied Sciences*. 6(11): 522-530.
- ❖ Design of Computer Aided Drip Irrigation System Software. 2017. *International Journal of Current Microbiology and Applied Sciences*. 6(12): 108-118.
- ❖ Performance Evaluation of Developed Low Cost Microcontroller Based Automated Drip Irrigation System. 2016. *The Andhra Agricultural Journal*. 63(3): 694-700.

9. Symposia/Seminars/Technical Conference

1. Delivered an **oral presentation** on "Performance Evaluation of Low Cost Micro Controller Used in Automated Drip Irrigation System for Watermelon Crop" in National conference on "**Digital and Engineering Technologies for Precision Agriculture and Value Addition**" & **farm Engineering Expo-2018**, organized by College of Agricultural Engineering, Bapatla during 26-27th of Feb, 2018.
2. Published **abstract** on "Development and Evaluation of Low Cost Microcontroller used in Automated Drip Irrigation System" in National Seminar on "**Trends in Farm Mechanization and Engineering Interventions for Sustainable Agriculture organized by Regional Agricultural Research Station**", Tirupati.
3. Published **abstracts** on "Design and Implementation of Microcontroller Based Automated Drip Irrigation System using Soil Moisture Sensors" and "Development and Evaluation of Multicrop Roto Drill Cum Herbicide Applicator" in National Conference on "**Doubling Farmers Income for Sustainable and Harmonious Agriculture**" organized by Society for Integrated Rural Improvement, Thorur, Warangal, held at SV university, Tirupati on 9-10th of Sep, 2017.

4. Attended two day National Seminar on “**Conjunctive use of Surface Water and Ground Water in Major and Medium Irrigation Projects**” organized by Andhra Pradesh Ground Water Department and Department of Civil Engineering, V.R. Siddhartha Engineering College, Vijayawada on 11-12th of Feb 2016.

5. Participated in State Level Seminar on “**Sustainable Agriculture and Food Processing**” organized by Ratnapuri Agricultural Polytechnic, Ratnapuri in association with International Crops Research Institute for the Semi Arid Tropics on 6-1-2014.

6. Participated in National seminar on “**Climate Change – Crop Improvement and Management Strategies for Food Security**” organized by the Department of Genetics and Plant Breeding and Department of Agronomy, Agricultural College, Bapatla on 25-03-2014.

7. Participated in International webinar on “**Emerging Technologies in Agricultural Engineering for Food Safety & Security**” organized by Dr. NTR College of Agricultural Engineering, Bapatla during 25th-27th August, 2021 under World Bank Funded Institutional Development Plan (IDP) of National Agricultural Higher Education Project, ICAR, New Delhi.

8. Participated in National Webinar on “**Micro Irrigation-Improved Efficiency in Farming**”, a sub-theme of “**Transforming Agricultural Education Institutions for Better Future through Industry-Academia Collaborations**”, organized on 19th October, 2020 under World Bank Funded Institutional Development Plan (IDP) of National Agricultural Higher Education Project, ICAR.

10. Strengths

- ❖ Persistence, Honest, Hard working and Time management.
- ❖ Creating compelling presentation slides.

11. Extra- curricular activities

- ❖ Actively participated in NSS program at Chintavari Pallem village in 2011.
- ❖ Actively participated in “International Coastal Cleanup” (ICC-2011) organized by National Association of Fishermen at Suryalanka beach, Bapatla

12. Personal profile

Father’s Name : N.V. Deekshithulu

Mother’s Name : Sri Lakshmi Padmaja Rani

Date of Birth : 25-06-1992

Nationality : Indian

Languages known : Telugu, Hindi and English to Read & Write

13. Hobbies

- ❖ Dancing.
- ❖ Cooking.
- ❖ Playing Cricket & Chess.
- ❖ Collecting various countries stamps.

I hereby declare that the above information is true and correct to the best of my knowledge.

Date: 28-11-2020

Place: Bapatla


(N.V.GOWTHAM DEEKSHITHULU)


Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)