

Academic Activities of Workshop/Seminars/Conferences Including on Research Methodology, IPR in the year of 2020-2021

S.No	Name of the Event	Date	Details of Resource Person	No. of Participants
1	A One day Seminar on Green Concrete as Sustainable Construction Material-Research Findings and Future Prospects	12-02-2021	K.V.V.Ramaraju Assistant professor Ph no: 9676287290 KITS Engineering College,Divili Mail Id: ramarajupower128@gmail.com	17
2	A one day Workshop on Research Applications of Silicon Nano particles in Agriculture	04-12-2020	Dr.S.Satya Vani Assistant professor Ph no: 9491641347 Mail id: satyavani.seekari@gmail.com Sun Agricultural Institution, Vizag.	96

Prakash

Principal

Dr. P.V.SURYA PRAKASH

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING

PATAVALA, KAKINADA

Dt.:04.02.2021

CIRCULAR





ORIGINATOR	Principal
CIRCULATED TO	All CIVIL Engg Students & Staff

This is to inform that "A One day Seminar on Green Concrete as a Sustainable Construction material-Research findings and future prospects" is being organized by Department of Civil Engineering, Pydah College of Engineering, Kakinada on 12-02-2021. I request you all to register immediately and attend the program.

Venue:Seminar Hall, Pydah College of Engineering, Patavala


PRINCIPAL

Cc to:

1. CE HOD 
2. MECH HOD B.v.v.v. L.Rao
3. EEE HOD D.Jakshmon
4. ECE HOD L.Prasad
5. CSE HOD P.Ramamohan
6. HBS HOD 
7. AGRI HOD S.Prakash
8. TPO 
9. A.O 
10. LIBRARY U.sathya

Date: 15-02-2021

PROGRAM REPORT

Name of the Program	A One day Seminar on Green Concrete as a Sustainable Construction material-Research findings and future prospects
Resource person	K.V.V. Ramaraju Assistant Professor KITS Engineering College ,Divili Mail id : ramarajupower128@gmail.com
Date of activity	12.02.21
Name of the Coordinator	Mr.B.Rakesh,AssistantProfessor,Civil Dept.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

Green Concrete is a revolutionary topic in history of Concrete Industry. Students should have idea on Environmental issues connected with Concrete Production and what are alternate ways to produce the Concrete without compromising on Strength.

Topics Covered:

- Why Green Concrete?
- What is Green Concrete?
- Features and Materials for Green Concrete
- Environmental Benefits of Using Green Concrete and Production
- Suitability of Green Concrete in Structures
- Advantages & Limitations
- Scope in India

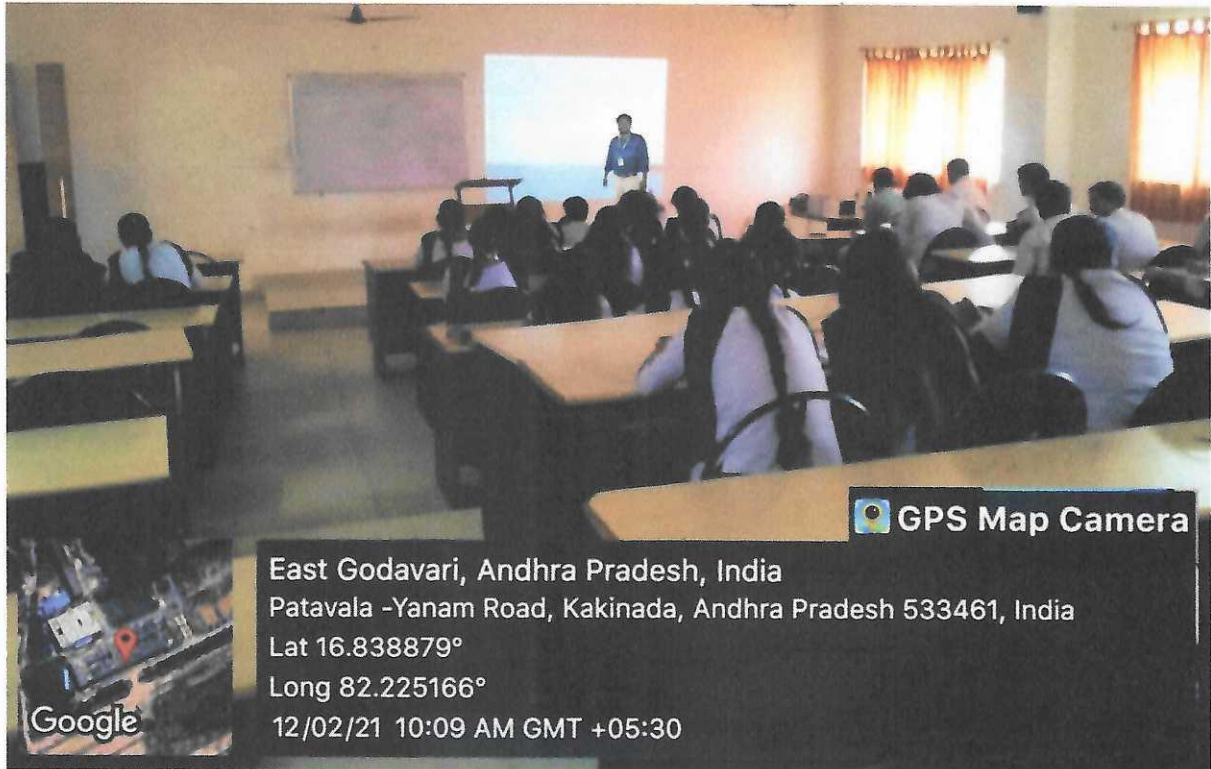
Outcomes of Program:

After completion of this seminar students will be able to:

- Describe Environmental Impact of concrete
- Understand the Green Concrete Concept
- Understand the production of Green Concrete and its usage


Program Coordinator


HOD



Mr.K.V.V. Ramaraju giving Seminar on “Green Concrete as a Sustainable Construction material-Research findings and future prospects” on 12-02-2021

LIST OF PARTICIPANTS

Name of the Program : A One day Seminar on Green Concrete as a Sustainable Construction material-Research findings and future prospects

Date : 12-02-2021

S.No	Regd No	Name of the Student	Yr/Sem	Signature
1	176T1A0101	BOMMIDI SIVA DURGA	IV/II	B. Siva
2	176T1A0102	OLETI VENKATA SRIYA	IV/II	O Venkatasriya
3	176T1A0104	RAKKEESU HIMADIVYA	IV/II	R. HIMADIVYA
4	176T1A0106	VINTI VIJAYARAJU	IV/II	V. Vijaya Raju
5	176T1A0107	PAVULURI VENKATA SIVA SAIRAM	IV/II	P. SIVA SAIRAM
6	176T1A0108	SIDHVI VIJAY REDDY ABBIREDDY	IV/II	ABBIREDDY
7	186T5A0102	PALIVELA SASHI KIRAN	IV/II	P.S kiran
8	186T5A0105	YEDILLA MOUNIKA GANGA	IV/II	M. Ganga
9	186T1A0101	BOMMIDI SATYANARAYANA.	III/II	B. Satyanarayana
10	186T1A0102	RAYUDU SUBRAHMANYAM	III/II	R. Subrahmanyam
11	186T1A0103	VEMANA BALA SATYA	III/II	V. B Satya
12	186T1A0104	SUVVADA TIRUMALA	III/II	S. Tirumala
13	196T5A0101	BOTCHA LOKESH	III/II	B. lokesh
14	196T5A0102	PYLA GANGADHARAPRASAD	III/II	P. Gangadhara prasad
15	196T5A0103	GOLLAPALLI VAMSI KRISHNA	III/II	G. Vamsi Krishna
16	196T5A0104	MERAPUREDDY PARDHU SURYA SHANKAR	III/II	M. P. S. Shankar
17	196T5A0108	KADALI ROHITH SRI SURYA	III/II	K.R.S Surya

B. Rakesh
Program Coordinator

Lavitha
HOD

ABOUT INSTITUTION

The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education. Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life. One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

Civil engineering is the application of physical and scientific principles for solving the problems of society, and its history is intricately linked to advances in the understanding of physics and mathematics throughout history. Because civil engineering is a broad profession, including several specialized sub-disciplines, its history is linked to knowledge of structures, materials science, geography, geology, soils, hydrology, environmental science, mechanics, project management, and other fields. Throughout ancient and medieval history most architectural design and construction was carried out by artisans, such as stonemasons and carpenters, rising to the role of master builder. Knowledge was retained in guilds and seldom supplanted by advances. Structures, roads, and infrastructure that existed were repetitive, and increases in scale were incremental. Civil Engineering is one of the basic and core branches of Engineering, having a large influence on common man's living.

ABOUT SEMINAR

A Green Concrete is a revolutionary topic in the history of concrete industry. This was first invented in Denmark in the year 1998. Green concrete has nothing to do with color. It is a concept of thinking environment into concrete considering every aspect from raw materials manufacture over mixture design to structural design, construction, and service life. Green concrete is very often also cheap to produce because for example, waste products are used as a partial substitute for cement, charges for the disposal of waste are avoided, energy consumption in production is lower, and durability is greater. Green concrete is a type of concrete which resembles the conventional concrete but the production or usage of such concrete requires minimum amount of energy and causes least harm to the environment.



PYDAH COLLEGE OF ENGINEERING
(Approved by AICTE Affiliated to JNTUK)

A ONE DAY SEMINAR

on

“Green Concrete as a Sustainable Construction Material-Research Findings and Future Prospects”

12th February 2021

Organized by
Department of
Civil Engineering

HOW TO REACH

<https://goo.gl/maps/N4uwwzV1cTgYzKCh7>



Department of CE
PYDAH COLLEGE OF ENGINEERING
Kakinada-Yanam Road, Patavala
Phone Number: 0884-23583800
Email: pydahcollege@pydah.edu.in
Website : www.pydahgroup.com

CHIEF PATRONS

Sri P.Satya Prasad
Chairman

Sri P. Satya Sriram
Secretary

Smt P. Nitya Sriram
Joint Secretary

PATRONS

Dr P.V.Surya Prakash
Principal

HOD, Dept of CE
B. SANTOSHI MATHA

Co-Ordinator
Mr. B. RAKESH
Assistant Professor

Resource Person

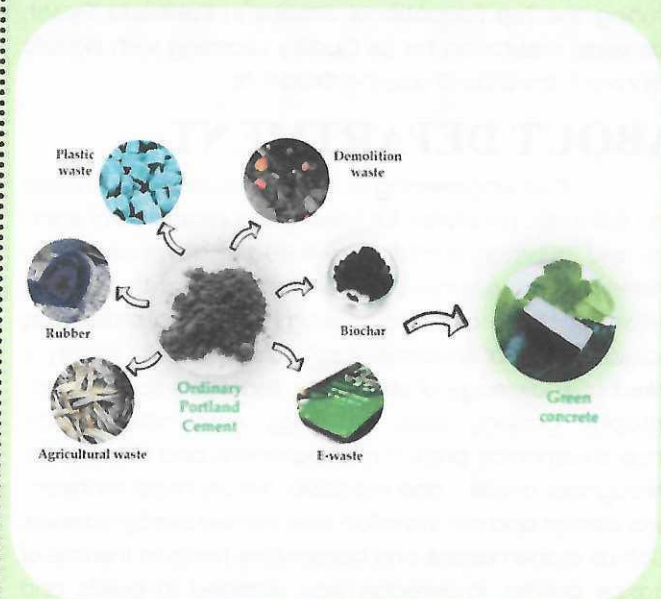
Sri. K.V.V RAMARAJU
Assistant Professor
KITS ENGINEERING COLLEGE
DIVILI

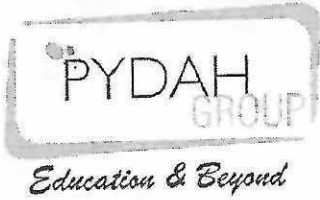
TOPICS

1. Why Green Concrete?
2. What is Green Concrete?
3. Features and Materials for Green Concrete
4. Environmental Benefits of Using Green Concrete and Production
5. Suitability of Green Concrete in Structures
6. Advantages & Limitations
7. Scope in India

OBJECTIVES

Green Concrete is a revolutionary topic in history of Concrete Industry. Students should have idea on Environmental issues connected with Concrete Production and what are alternate ways to produce the Concrete without compromising on Strength.





PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE, Affiliated to JNTUK, Kakinada)

Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. V. Bala Satya bearing
Regd No. 186T1A01D3 of III/II B.Tech has participated in "A One day
Seminar on GREEN CONCRETE AS A SUSTAINABLE CONSTRUCTION MATERIAL
RESEARCH FINDINGS AND FUTURE PROSPECTS" organized by Department of
CIVIL ENGINEERING on 12.02.2021.

B. Rakesh
PROGRAM COORDINATOR

[Signature]
PRINCIPAL



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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms.....B. Lokesh.....bearing
Regd No. 196T5A0101..... of III/II..... B.Tech has participated in "A One day
Seminar on GREEN CONCRETE AS A SUSTAINABLE CONSTRUCTION MATERIAL
RESEARCH FINDINGS AND FUTURE PROSPECTS" organized by Department of
CIVIL ENGINEERING on 12.02.2021.

B. Rakesh
PROGRAM COORDINATOR

[Signature]
PRINCIPAL



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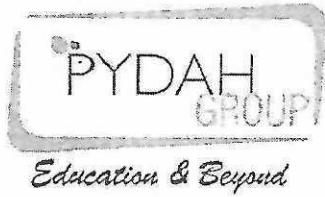
Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. V. vijaya Raju bearing
Regd No. 176TIA0106 of IV/II B.Tech has participated in "A One day
Seminar on GREEN CONCRETE AS A SUSTAINABLE CONSTRUCTION MATERIAL
RESEARCH FINDINGS AND FUTURE PROSPECTS" organized by Department of
CIVIL ENGINEERING on 12.02.2021.

B. Rakesh
PROGRAM COORDINATOR

[Signature]
PRINCIPAL



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Kakinada-Yanam Road, Patavala

Certificate Of Participation

*This is to Certify that Mr./Ms. B. Siva Durga.....bearing
Regd No. 176TJH0101..... of IV/II..... B.Tech has participated in "A One day
Seminar on GREEN CONCRETE AS A SUSTAINABLE CONSTRUCTION MATERIAL
RESEARCH FINDINGS AND FUTURE PROSPECTS" organized by Department of
CIVIL ENGINEERING on 12.02.2021.*

B. Ramesh M
PROGRAM COORDINATOR

R. Reddy
PRINCIPAL

Dt: 26.11.2020

CIRCULAR

ORIGINATOR	Principal
CIRCULATED TO	All Agri Engg students & staff

This is to inform that "A One Day Workshop on Research Applications of Silicon Nanoparticles in Agriculture" is being organized by Department of Agriculture Engineering, Pydah College of Engineering, Kakinada on 04.12.20. Concerned HOD and staff to make necessary arrangements for the seminar. All are hereby informed to join the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala


Principal

Cc to:

1. CE HOD *Saethoshi*
2. MECH HOD *Te. Kishore Babu*
3. EEE HOD *- P. Lakshman*
4. ECE HOD *- Lovasud*
5. CSE HOD *IC. Gm*
6. IBS HOD *KR*
7. AGRI HOD *S. Thani Lak*
8. TPO *- S*
9. A.O. *- P. S. S.*
10. LIBRARY *U. satyanam*

Date: 07.12.20

PROGRAM REPORT

Name of the Program	A One Day Workshop on Research Applications of Silicon Nanoparticles in Agriculture
Resource person	Dr.S.Satya Vani, Asst Professor, Sun Agricultural Institution, Vizag Mail:satyavani.seekari@gmail.com +91-9491641347
Date of activity	04.12.20
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering, Patavala

Objective of the Program:

The beneficial effects of silicon and its role for plants are well established; however, the advantages of silicon nanoparticles over its bulk material are an area that is less explored. Silicon nanoparticles have distinctive physiological characteristics that allow them to enter plants and influence plant metabolic activities. The mesoporous nature of silicon nanoparticles also makes them good candidates as suitable nanocarriers for different molecules that may help in agriculture.

Topics Covered:

Applications of nanoparticles in agriculture, **Silicon Nanoparticles**, impact of nanoparticles on agriculture and soil, applications of nanotechnology for agriculture in developing countries, applications of nanotechnology in crop production

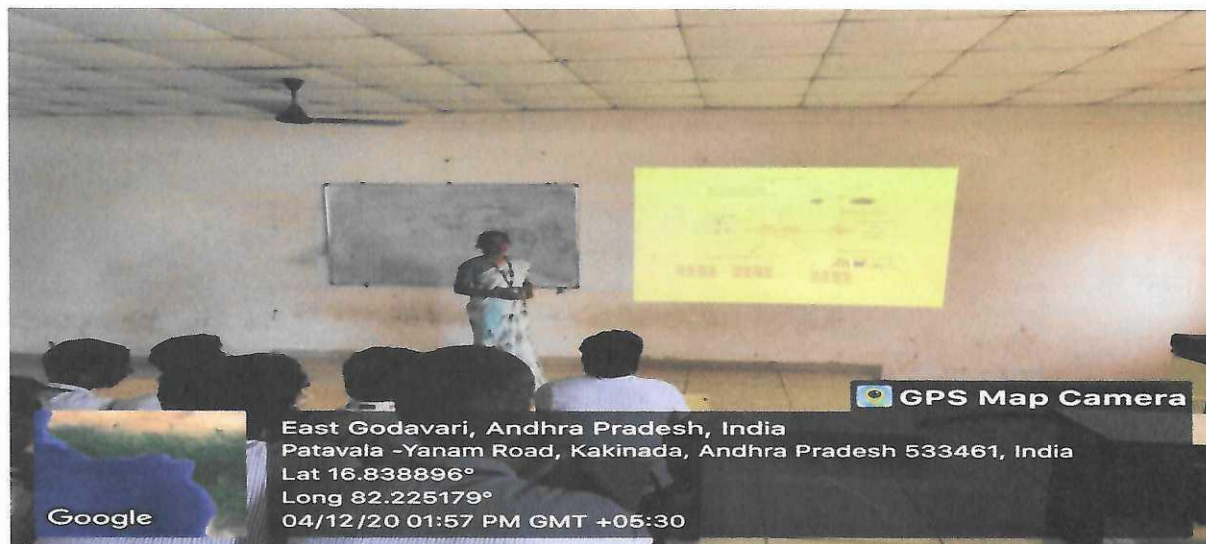
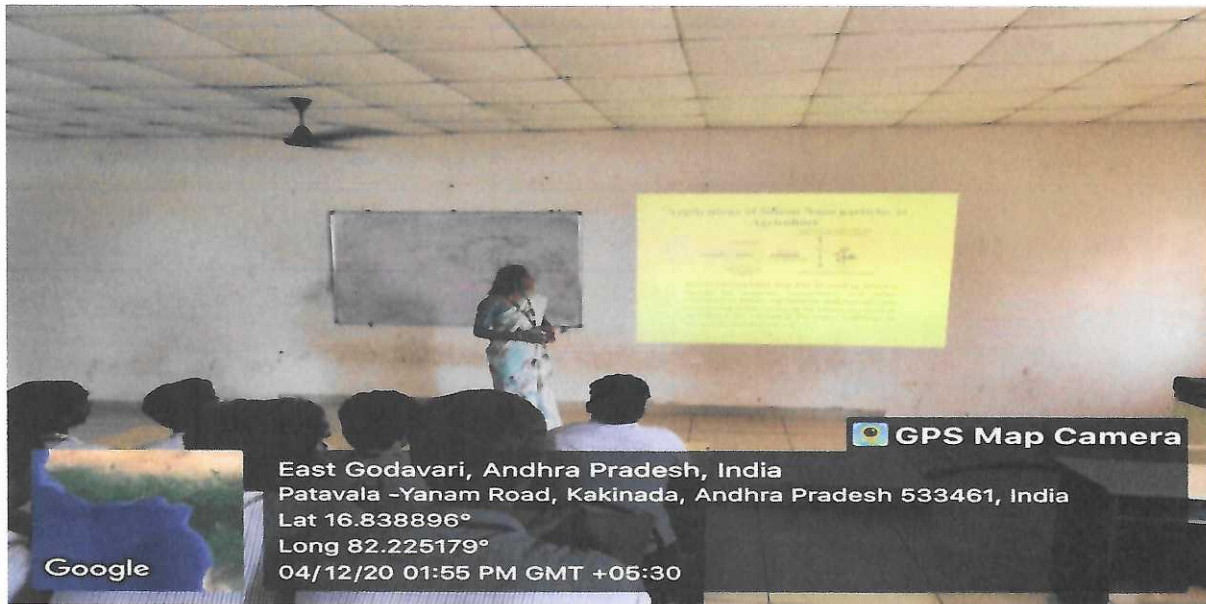
Outcomes:

Application of nanoparticles improved agronomic traits of soyabean, It is observed that when the seeds of cotton were soaked in AgNPs prior to germination, AgNPs produced advantageous effects. AgNPs also have strong antimicrobial effects. They can control and avoid plant diseases.

Silicon nanoparticles may be used as delivery agents for proteins, nucleotides, and other chemicals in plants; nanozeolite and nanosensors incorporate Si-NPs and may be effectively used in agriculture for increasing the water retention of soil and for soil monitoring.


Program Coordinator


HOD



Dr.S.Satya Vani, Asst.Professor, Sun Agricultural Instituiton, Vizag explaining about Research Applications of Silicon Nano particles in Agriculture on 04.12.20

List of Participants

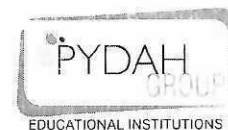
Name of the Program : A One Day Workshop on Research Applications of Silicon Nanoparticles in Agriculture

Date : 04.12.20

S.NO	REGD NO	NAME OF THE STUDENT	YEAR/SEM	SIGNATURE
1.	176T1A3501	ALIVELU VISHNU PRASAD	4-2	A.V. Prasad
2.	176T1A3502	AMBATI SWARUPA	4-2	A.Swarupa
3.	176T1A3503	ANKAM BHARGHAVI SAI LAKSHMI	4-2	A.B. (Bair)
4.	176T1A3504	ANKAM LEELA PARVATHI	4-2	A.L. Parvathi
5.	176T1A3505	ANYAM MOHANA	4-2	A. Mohana
6.	176T1A3506	BALUSU SRI RAMYA PRIYA	4-2	B.s. R.Priya
7.	176T1A3507	BEERA LIKHITHA	4-2	B. Likhitha
8.	176T1A3508	CHEEKATLA RAVI TEJA	4-2	C. Ravi Teja
9.	176T1A3509	CHINTAKAYALA VIJAY KUMAR	4-2	C. Vijay Kumar
10.	176T1A3511	DAMODARA SATYA SRI VANI	4-2	D. Satya Sri Vani
11.	176T1A3512	DANDANGI MOHANAPRIYA	4-2	Mohan Priya
12.	176T1A3513	DASI PRATHYUSHA	4-2	D. Prathyusha
13.	176T1A3514	DEVU SUJANA SRI ALEKHYA	4-2	Sujana Sri
14.	176T1A3515	DEYYALA SWAROOP SANJAY	4-2	D. Swaroop Sanjay
15.	176T1A3516	DUNNA HYMAVATHI	4-2	DUNNA
16.	176T1A3517	DURGA BHAVANI KUKKALA	4-2	Durga Bhavani
17.	176T1A3518	DUVVARI ROSHNA	4-2	D. Roshna
18.	176T1A3519	ETHAKOTA RAJESH	4-2	E. Rajesh
19.	176T1A3520	GAANUGULA VIJAYA KUMAR	4-2	Gr. vijaykumar
20.	176T1A3521	GARAGA SURYAPRABHAKAR	4-2	SuryaPrabhakar
21.	176T1A3522	GEDDAM SANTHI	4-2	Gr. SANTHI
22.	176T1A3523	GIDDI MADHURI	4-2	Gr. Madhuri
23.	176T1A3524	GOLLAPALLI VANDANA KUMAR	4-2	Gr. vandana kumar
24.	176T1A3525	GOLLU LALITHADEVI	4-2	Gr. Lalithadevi
25.	176T1A3526	GUDE BHARATHI DEVI	4-2	Gr. B. Devi
26.	176T1A3527	GUMMAI SATYA SAILAJA	4-2	Sai laja
27.	176T1A3529	INAVARAPU VENKATA SATYA GOVINDAMMA	4-2	I. V.S. Govindamma
28.	176T1A3530	JAKKILANKA DURGA MALLESWARA RAO	4-2	Durga malleswara Rao
29.	176T1A3531	KASIREDDY GEETHA KRISHNA	4-2	K. geetha
30.	176T1A3533	KEDARI PAVAN IKUMARI	4-2	K. P. Kumari
31.	176T1A3535	KONDETI SUNEEL KUMAR	4-2	K. kumar
32.	176T1A3536	KONDIPUDI MADHURI	4-2	K. madhuri
33.	176T1A3537	KOPPULA NAGAVARDHAN REDDY	4-2	Reddy
34.	176T1A3538	KOTA SRIKANTH	4-2	KOTA Srikanth
35.	176T1A3539	KUNDRAPU VEERA SURYA NAGA MADHAVI	4-2	k. madhavi
36.	176T1A3540	LUKALAPU KISHORE	4-2	L. Kishore
37.	176T1A3541	MARADANI TEJASRI	4-2	m. Tejasri

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38.	176T1A3542	MATTA DURGA NAGA SUREKHA	4-2	M.P.N. Surekha
39.	176T1A3543	MORI SURYA KIRAN	4-2	M. Surya Kiran
40.	176T1A3544	MUNGAMURUGU CHANDANA	4-2	M. Chandana
41.	176T1A3545	NALLA ADI TEJA	4-2	N. Teja
42.	176T1A3546	PALIVELA SATYAVENI	4-2	N. Adi Teja
43.	176T1A3547	PALIVELA SUDHEER BABU	4-2	P. Sudheer babu
44.	176T1A3548	PALIVELA SUDHEER RAJU	4-2	P.S. Raju
45.	176T1A3550	PAMMI NAGA MANI	4-2	P. Naga mani
46.	176T1A3551	PATI MOUNIKA	4-2	P. Mounika
47.	176T1A3552	PEDAPATI SAIKIRAN	4-2	P. Saikiran
48.	176T1A3554	POLAMURI THARUN	4-2	P. Tharun
49.	176T1A3555	RUPAVATH MAHESH NAYAK	4-2	R.M. nayak
50.	176T1A3556	SALADI RAMESH	4-2	S. Ramesh
51.	176T1A3557	SALADI SATYA DURGA LAKSHMI HARINATH	4-2	S.S. Lakshmi
52.	176T1A3558	SAPIREDDI HARIKA	4-2	S. Harika
53.	176T1A3559	SAYYAD BEEB JANAMMA	4-2	S. Haramma
54.	176T1A3560	SEELAM SUDHEER KUMAR	4-2	S. Kumar
55.	176T1A3561	SHEIK KARIMUNNISHA	4-2	Sk. Karim
56.	176T1A3562	SUPRIYA KAPILESWARAPU	4-2	K. Supriya
57.	176T1A3563	TANGELLA PRASANNA KUMARI	4-2	T. PRASANNA
58.	176T1A3564	TANUKU SRI SATYA	4-2	T.S. SATYA
59.	176T1A3565	THOTAKURA CHANDRA SEKHAR	4-2	T.C. Sekhar
60.	176T1A3567	VAARA JYOTHIRLATHA	4-2	V. SATISH
61.	176T1A3568	VALLU SATISH	4-2	V. Satish
62.	176T1A3569	VANACHARLA SRI LAXMIKANTH PRASAD	4-2	V. S. L. Prasad
63.	176T1A3571	YAGA SRIRAM	4-2	Y. Sriram
64.	176T1A3572	YALLA SATYA GOWRI	4-2	Y. S. Gowri
65.	176T1A3573	AMBADI PRIYANKA	4-2	A. priyanka.
66.	176T1A3575	BALUSU SATYA SAI NAVEEN	4-2	B. satya saivanan
67.	176T1A3579	KAKARAPALLI JAGADEESH CHARAN KUMAR	4-2	K. charan
68.	176T1A3582	SATTI SAI SATTI REDDY	4-2	S. Sai Satti Reddy.
69.	176T1A3583	JAVVADI KIRAN DEVI SIRISHA	4-2	J. Kiran Devi sirisha
70.	176T1A3584	JOGA DURGA PRASAD	4-2	J. Durga prasad
71.	176T1A3586	MANAPRAGADA S R K. ANJANEYA MOHAN RAO	4-2	J. Durga prasad
72.	176T1A3587	KINTIADA SAI SRINIVAS	4-2	K.S. Srinivas
73.	176T1A3588	SRICHINTA MANIKANTA GANGAPRASAD TEJA	4-2	K.S. srinivas
74.	176T1A3589	VAGGELA UDAY KUMAR	4-2	V. Uday Kumar
75.	176T1A3590	INDANA MANASWI	4-2	I. Manaswi
76.	176T1A3591	ALLU RAJA SEKHAR	4-2	A. Rajasekha
77.	176T1A3592	INUMULA PARVATHA SAI SARASWATHI	4-2	I. SAI
78.	176T1A3595	NIDADHAVOLU NAVEEN KUMAR	4-2	N. Naveen
79.	186T5A3501	DASARI HARI TEJA	4-2	D. Teja
80.	186T5A3502	DONDA PAVAN KUMAR	4-2	D. Pavan Kumar
81.	186T5A3503	GADI SUNEETHA	4-2	G. Suneetha

82.	186T5A3504	GADIKOYYA RAVI KUMAR	4-2	G.R. kumar
83	186T5A3509	NANDYALA SURYA TEJA	4-2	N. surya teja
84.	186T5A3510	PATHIVADA RAMA PADMAJA	4-2	P.R. Padmaja
85	186T5A3513	SAMBARU VEERA BABU	4-2	Sveera babu
86.	186T5A3516	MOKA NARENDRA	4-2	M. Narendra
87.	186T5A3517	KONGALA RAGHU	4-2	K. RAGHU
88.	17MR1A3502	RENUKA	4-2	Renuka
89	17MR1A3506	KARUNA SHREE	4-2	Karuna
90	17MR1A3510	MANOJ KUMAR	4-2	manoj kumar.
91	17MR1A3511	HEMANTH GORKI	4-2	Hemant. G
92	17MR1A3524	ANANDA	4-2	Ananda
93	17MR1A3527	SRI RAM	4-2	Sri Ram
94	17MR1A3528	LAVANYA	4-2	lavanya
95	17MR1A3530	JAGADEESH	4-2	Jagadeesh
96	166T1A3530	P. KAMAKSHI	4-2	P. kamakshi


Program Coordinator


HOD

ABOUT INSTITUTION

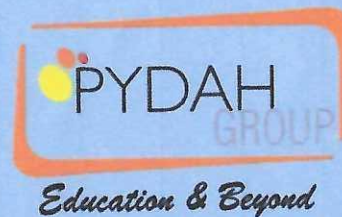
The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education. Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life. One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

Agricultural engineering is a very diverse engineering major. Students who consider this major typically don't picture themselves just working behind a desk solving problems; they are people who like hands-on problem solving and design implementation. They like to work in teams to solve societal problems related to agriculture. Agricultural engineers solve problems related to agricultural equipment, water quality and water management, biological products, livestock facilities, food processing, and many other agricultural areas. It is my proud privilege to welcome you all to Pydah College of Engineering.

ABOUT WORKSHOP

Agro-based industries refer to those industries which use agricultural products as raw materials for manufacturing. Agro-based industries are mostly consumer-based, as the products manufactured with the help of these industries are sold directly to the customers. In India, agro-based industries are made of the textile, sugar, newspaper, and vegetable oil industries. Agricultural products are used as the raw materials in these types of businesses.



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A ONE DAY WORKSHOP

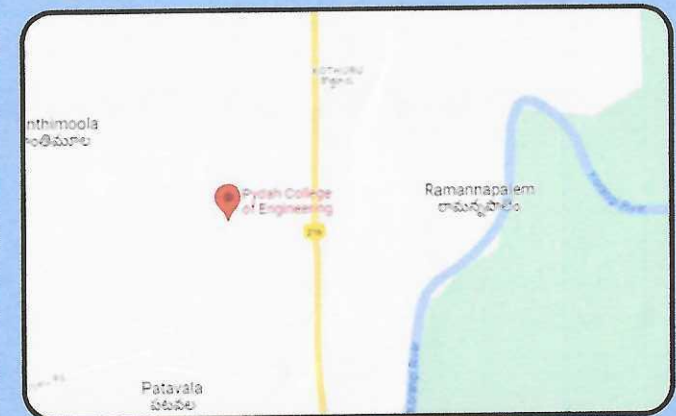
on
**Research Applications
of Silicon
Nanoparticles in Agriculture”**

04th December 2020

Organized by
**Department of
AGRI.ENGINEERING**

HOW TO REACH

<https://goo.gl/maps/N4uwvzV1cTgYzKCh7>



**Department of AGRI ENGINEERING
PYDAH COLLEGE OF ENGINEERING**

Kakinada-Yanam Road, Patavala

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Co-Ordinator
Mr. VINAY
Assistant Professor

Resource Person
Dr.S.Satya Vani,

Asst Professor,
Sun Agricultural Institution, Vizag

TOPICS

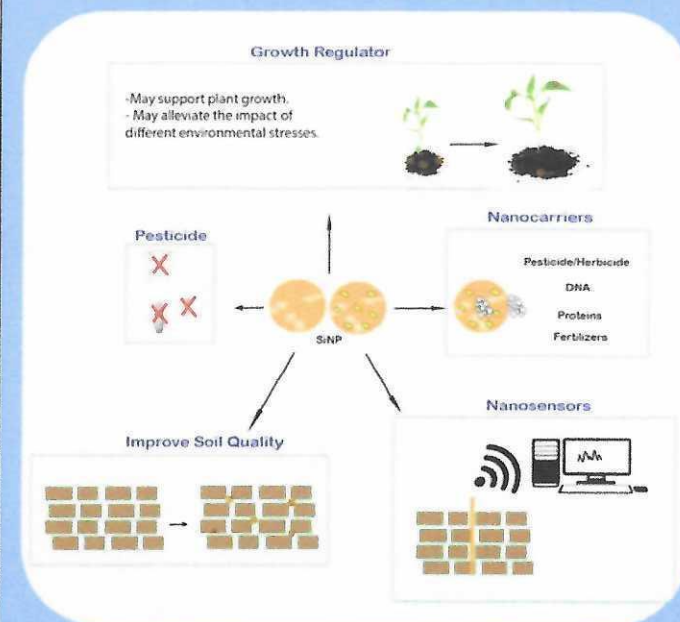
Applications of nanoparticles in agriculture, Silicon Nanoparticles, impact of nanoparticles on agriculture and soil, applications of nanotechnology for agriculture in developing countries, applications of nanotechnology in crop production

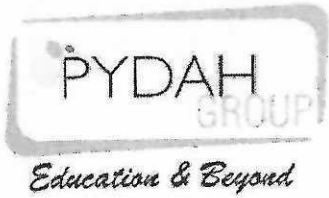
OBJECTIVES

The beneficial effects of silicon and its role for plants are well established; however, the advantages of silicon nanoparticles over its bulk material are an area that is less explored. Silicon nanoparticles have distinctive physiological characteristics that allow them to enter plants and influence plant metabolic activities. The mesoporous nature of silicon nanoparticles also makes them good candidates as suitable nanocarriers for different molecules that may help in agriculture.

OUTCOMES

Helps in the upliftment of the rural economy. Proper utilization and achieving the potential of the rural economy sector, where plenty of raw materials are available. Provide rural populations with an opportunity for employment.





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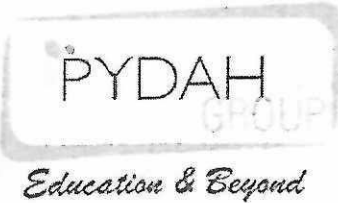
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Certificate Of Participation

This is to Certify that Mr./Ms. N. TARUN bearing
Regd No. 196TIA3527 of III - I B.Tech has participated in "A
One Day Workshop on Research Interventions in Agricultural Engineer-
ing" orga nized by Department of AGRICULTURE ENGINEERING from 25-10-2021

D. Ravi
PROGRAM COORDINATOR

M. S. U.
PRINCIPAL



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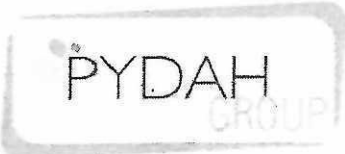
Certificate Of Participation

This is to Certify that Mr./Ms.....E. RAJESH.....bearing
Regd No.....176T1A3519..... of4-2..... B.Tech has participated in "A One Day
Workshop on Research Applications of Silicon Nanoparticles in Agriculture"
organized by Department of **AGRICULTURE ENGINEERING** on 04.12.2020

PROGRAM COORDINATOR

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Education & Beyond

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This is to Certify that Mr./Ms.....D. HYMAVATHI.....bearing
Regd No. 176T1A3516 of 4-2 B.Tech has participated in "A One Day
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Education & Beyond

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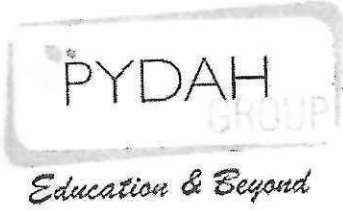
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*This is to Certify that Mr./Ms..... A. MOHANAbearing
Regd No. A6T1A3505 of 4-2 B.Tech has participated in "A One Day
Workshop on Research Applications of Silicon Nanoparticles in Agricul-
ture" organized by Department of AGRICULTURE ENGINEERING on 04.12.2020*

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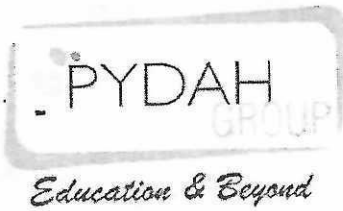
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This is to Certify that Mr./Ms. B. LOKHOTA bearing
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This is to Certify that Mr./Ms. G. MADHURJ bearing
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