




GRIET/6C/G/19-20

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India				
Department	ECE & MECHANICAL DEPARTMENT	Professional Body		Institutional Body	
				√	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Workshop				
Title / Theme of the Event	Two-Day Workshop 3D Modelling and 3D Printing				
Details of the Coordinator & Designation	Dr.J.Sudharsan ,Associate Professor,ECE (Convener) Mr. K.Sunil Kumar Reddy,Associate Professor, Mechanical (Convener)				
Event Dates/Days	From	To	No. of Days		
	11 th JULY 2019	12 th JUL 2019	2		
Details of the Speaker / Guest Organization GRIET	Dr.J.Sudharsan Associate Professor, Department of ECE				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants
	04	21		1	26
Faculty Names & Designation	Dr. J. Sudharsan, Associate Professor, Department of Electronics and Communication Engineering.				

Summary of the Event	3D modelling and 3D printing plays an important part in the Rapid Prototyping of a product. This requires an interdisciplinary problem-solving approach by the employees who has an ability to work and integrate multiple software environment. In order to enhance the employment opportunities of our students a hands-on exposure in working with multiple discipline software is being proposed. During this workshop, students had hands on exposure in Solidworks software which is used for 3D modelling and 3D printing.
IRG (in rupees) A/c:-	13,130 (Thirteen Thousand One Hundred Thirty Rupees Only) Principal - Deposited ✓ 15/07/19
Expenditure (in rupees)	12,885 (Twelve Thousand Eight Hundred Eighty Five Rupees Only)
POs attained with this Event (number and description)	a. Ability to design a system components and 3D print it precisely. b. Ability to use modern engineering tools such as SolidWorks and Cura for the 3D Modelling and 3D-Printing. c. Ability to work effectively as an individual or in a team and to function on multi-disciplinary context. d. Ability to recognize the need for and an ability to engage in life-long learning.
Photographs of the event (Hard copy and Soft copy)	
Proofs: 1. Certificates copies 2. Profile of Speaker 3. PPT/Material as applicable. etc.,	Attached


Signature of convener


Signature of convener


Signature of HOD 22/7/19

Short Bio

Dr.J.Sudharsan

Associate Professor,
Department of ECE,
Gokaraju Rangaraju Institute of Engineering and Technology



Dr Sudharsan Jayabalan
ID 1564

Dr.J.Sudharsan got his bachelor of Electronics and Communication Engineering degree in 2008 from Anna University, India, He received Masters of Engineering in Embedded Systems Technologies in 2010 from Anna University. In 2012 he has been awarded with Anna Centenary research Fellow and carried out full time PhD in the field of artificial intelligence and robotics. In November 2016 he had successfully defended his PhD thesis titled on “ Design of Autonomous learning algorithm for an 8-DoF humanoid Robotic Arm using Hybrid Inverse Kinematic Technique” and was awarded Doctorate in Engineering. He worked as an associate Professor in Malla Reddy Institute of Engineering and Technology from December 2016 to December 2017 after which he joined Gokaraju Rangaraju Engineering College in February 2018. He is currently working on 2 research projects worth INR 3.25 Lakhs towards the development of industrial and educational robotic arm. He had been invited as a speaker for International Conference on Mechanical Engineering and Automation Science 2017 (ICMEAS 2017) was held in University of Birmingham, UK, from Oct.13 to 15, 2017. He also attended a one week summer school on “ IEEE‘RAS Summer School on Soft Manipulation 2017”, From 17 Jul, 2017 to 21 Jul, 2017 At Frauenchiemsee, Bavaria, Germany. He has also published around 7 research articles in the field of artificial intelligence and robotics in reputed International journals and conferences. His research article won the best paper award in the “International Conference on Mechanical Engineering, Material and Energy” which was held in Singapore during November 2014.



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
Hyderabad, Telangana, India.

Certificate of Participation

This is to certify that Mr./Ms. N. Abishant Varma of III Year ECE Branch, has participated in a 2- Day Workshop on 3D Modeling & Printing on 11th and 12th of July, 2019 which was jointly organized by the departments of Electronics and Communication Engineering & Mechanical Engineering at Gokaraju Rangaraju Institute of Engineering and Technology.

K. Sunil Kumar Reddy
Convenor

Dr. J. Sudharshan
Convenor

Dr. J. Praveen
Principal



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Hyderabad, Telangana, India.

Certificate of Participation

This is to certify that Mr. G. Phanindra Raja Varma of III Year Mechanical Branch, has participated in a 2- Day Workshop on 3D Modeling & Printing on 11th and 12th of July, 2019 which was jointly organized by the departments of Electronics and Communication Engineering & Mechanical Engineering - at Gokaraju Rangaraju Institute of Engineering and Technology.

K. Sunil Kumar Reddy

Convenor

Dr. J. Sudharshan

Convenor

Dr. J. Praveen

Principal



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(Autonomous)
Hyderabad, Telangana, India.

Certificate of Participation

This is to certify that Mr. Krishna Mitra of II Year ECE Branch, has participated in a 2- Day Workshop on 3D Modeling & Printing on 11th and 12th of July, 2019 which was jointly organized by the departments of Electronics and Communication Engineering & Mechanical Engineering at Gokaraju Rangaraju Institute of Engineering and Technology.

K. Sunil Kumar Reddy

Convenor

Dr. J. Sudharshan

Convenor

Dr. J. Praveen

Principal



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Hyderabad, Telangana, India.

Certificate of Participation

This is to certify that Mr. M. Surya of III Year Mech Branch, has participated in a 2- Day Workshop on 3D Modeling & Printing on 11th and 12th of July, 2019 which was jointly organized by the departments of Electronics and Communication Engineering & Mechanical Engineering at Gokaraju Rangaraju Institute of Engineering and Technology.

K. Sunil Kumar Reddy
Convenor

Dr. J. Sudharshan
Convenor

Dr. J. Praveen
Principal

~~CASH / CREDIT~~

Ph: 4021 1653
6620 2735

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Hyderabad - 500 072, Telangana State

Web: www.raajxerox.com, E-mail: raajxerox@gmail.com

Sl.No. **1733**

Date: 12/7/19

M/s. _____

S.No.	PARTICULARS	Qty.	Rate	Amount
1.	Black & White Xerox / Print			
2.	Color Xerox / Print <i>Aycard printing</i>			405
3.	D.T.P. Designing			
4.	Big Size Copies			
	<u>Prints</u> <u>Xerox</u>			
	A0 A0			
	A1 A1			
	A2 A2			
5.	Tracing Cloth & Ammonia Printing			
6.	Binding (Spiral/Comb/Wiro)			
7.	Others			
			TOTAL	405

(Rupees four hundred and five

only)

Dm
Authorised Signature

PAYMENT VOUCHER

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY, BACHUPALLI

(Sponsored by Gokaraju Rangaraju Educational Society)
Bachupally, Kukatpally, Hyderabad - 500 090.
Phone : 7207344440 / 7207714441

Cash/Bank

Cheque/D.D. No.

Voucher No.

Date: 12-07-2019

Paid to Dr. J. Sudharsan

Rupees Two Thousand Rupees Only

towards 3D Modeling and Peaching Workshop Resource Person

Sl.No.	PARTICULARS	DEBIT	CREDIT	BILL. No.	DATE
1.	2 x 1000	2000			
2.	(Resource Person)				
3.					
4.					
5.					
6.					
	Total	2000			
	Balance				

Prepared by

President / Principal

Checked by / Acct.


Receiver's Signature

PAYMENT VOUCHER

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY, BACHUPALLI

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Bachupally, Kukatpally, Hyderabad - 500 090
Phone : 7207344440 / 7207714441

Cash/Bank

Cheque/D.D. No.

Voucher No.

Date : 12-07-2019

Paid to 3D Smika

Rupees Nine Thousand Rupees Only

towards 3D Modeling and Printing Workshop printer's cost

Sl.No	PARTICULARS	DEBIT	CREDIT	BILL. No.	DATE
1.	2 x 4 x 1000	8000			
2.	(2d- printer's cost for 2days)				
3.	4 x 250	1000			
4.	(Filament Cost)				
5.					
6.					
	Total	9000			
	Balance				

Prepared by

President / Principal

Checked by / Acct.

Receiver's Signature



SREE LAKSHMI CATERING SERVICES

Mig-1394, BHEL, Nallagandla, Serilingampally, Hyderabad-500032

GSTIN: 36AKYPR7111F1ZQ

Bill No: 155

CASH BILL

Date: 18/07/19

Name: E.C.E. Mechanical

20 machine & printing 11/07/19

S.No	Particulars	Qty	Rate	Amount	
				Rs	Ps
1	Tea	40	7	280	00
2	water bottles	10	20	200	00
3	Biscuits	10	50	500	00
4	Tetra packs	10	20	200	00
Sub Total				1180	00
CGST@2.5%				-	
SGST@2.5%				-	
Grand Total				1180	00

Rupees... one thousand one hundred

eight rupees only

For SREE LAKSHMI CATERING SERVICES

Signature

Name of the Workshop	3D Modelling and 3D Printing
Date of programme: 11/07/19 to 12/07/19	Venue: GRIET Hyderabad

Course schedule

Session	Topic	Outcome
DAY 1: 11/07/2019		
9:20 to 10:00	Innagation	Imagural address by Principal and Director
10:15 to 12:15	Introduction To 3d Designing And 3d Printing, Current & Future applications Of 3d Designing and 3d Printing, Job Opportunities In Industries	Participants will know what is 3D Printing and how this technology will change the business world and revolutionize our economy.
12:15 to 13:00	Lunch Break	
13:00 to 15:30	Basics Of Solidworks /FreeCAD Designing Software ,Part Modeling.	Able to Create three-dimensional solid models.
Day 2: 12/07/2019		
9:30 to 12:00	Tip And Tricks On 3d Slicing	Slicer settings to print the perfect part
12:45 to 15:00	Hands-on Experience With 3d Printer	Able to work with 3d printer
15:00 to 15:30	Valedictory and Certificate Distribution	Certificate and Feedback

Registration Fee:

Other College Participants: INR 700 / Participant
(For a group of 4 participants): INR 2020/ group
GRIET Student Participants: INR 650/ participant
(For a group of 4 participants): INR 2020/ Group

Note: Lunch is not included in the registration.

Expected number of participants: 60
Expected Registration Fee: $60 * 505 = 30,300$ (INR)

Estimated Expenses:

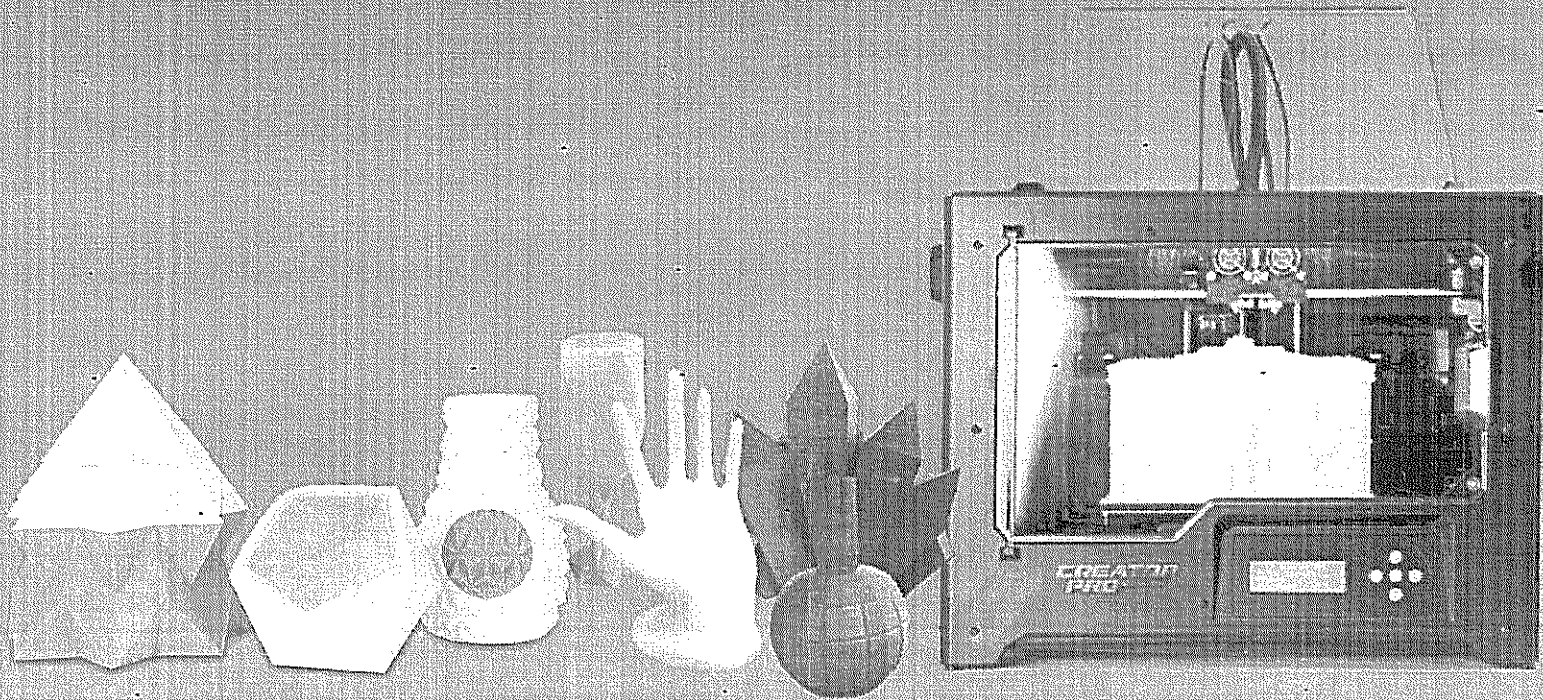
S. No	Description	Expense
1	Rent for 3D printers (3 Nos for 2 days)	12000
2	Certificate, Posters and Banners	4000
3	Resource Person Remuneration (4 person 2 days)	8000
4	Refreshments for participants	4000
5	Refreshments for volunteers	2000
Total		30,000



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Jointly Organized by the Departments of

Electronics and Communication Engineering | Mechanical Engineering



2019

3D PRINTING WORKSHOP

Learn all about 3D printing technology

Resource Person:
Dr. J. Sudharsan,
Associate Professor,
Department of ECE,

Date: 11 & 12 July 2019
Timings: 9:30am to 3:30pm
Mech. Dept (Block IV)

Convenor:

Dr. J. Sudharsan, Associate Professor, Department
of ECE.

K. Sunil Kumar Reddy, Associate Professor,
Department of Mechanical.

From,
Dr.J.Sudharsan
Associate Professor,
Department of ECE
GRIET, Hyderabad

To,
The Principal,
GRIET, Hyderabad

Respected Sir,

Subject: Reg- Organizing a 2-Day workshop on " 3D Modelling and 3D-Printing"
from 11/07/2019 to 12/07/2019 in GRIET, Hyderabad


3D modelling and 3D printing plays an important part in the Rapid Prototyping of a product. Considering this a 2-Day workshop is proposed to be jointly organized by ECE and Mechanical departments, on " 3D Modelling and 3D printing" is planned from 11/07/2019 to 12/07/2019 in GRIET.

During this workshop the students will have an hands on exposure on 3D modelling using Solidworks software and 3D print the models using ender-3 and wanhoa 3D printer.

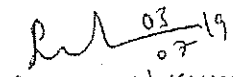
I have also attached the details regarding the course contents, supporting equipment required, and budget estimation for your kind consideration. I request you to kindly approve to organize the workshop.

Thanking You


Yours Sincerely

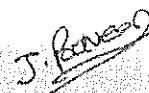

3/07/19

(Convener)


03/07/19
(CK. Srinidhi Kumar Reddy), Asso. prof.,
(Convener) Mech. Dept.

Awarded
H. Srinivasan
3/7/19
HOD/ECE

Sir,
Kindly consider

3/7/19
HOD/ME



From,
Dr. I. Sudharsan
Associate Professor,
Department of ECT
GRIET, Hyderabad

To,
The Principal,
GRIET, Hyderabad

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[Signature]
3/07/19

(Anwar)

[Signature] 03/07/19
(K. Sunit Kumar Reddy), Asso. prof,
Mech. Dept.

Awarded
N. Swetha
3/7/19
HOD/ECE

Sir,
Kindly consider
[Signature]
3/7/19
HOD/ME

[Signature]

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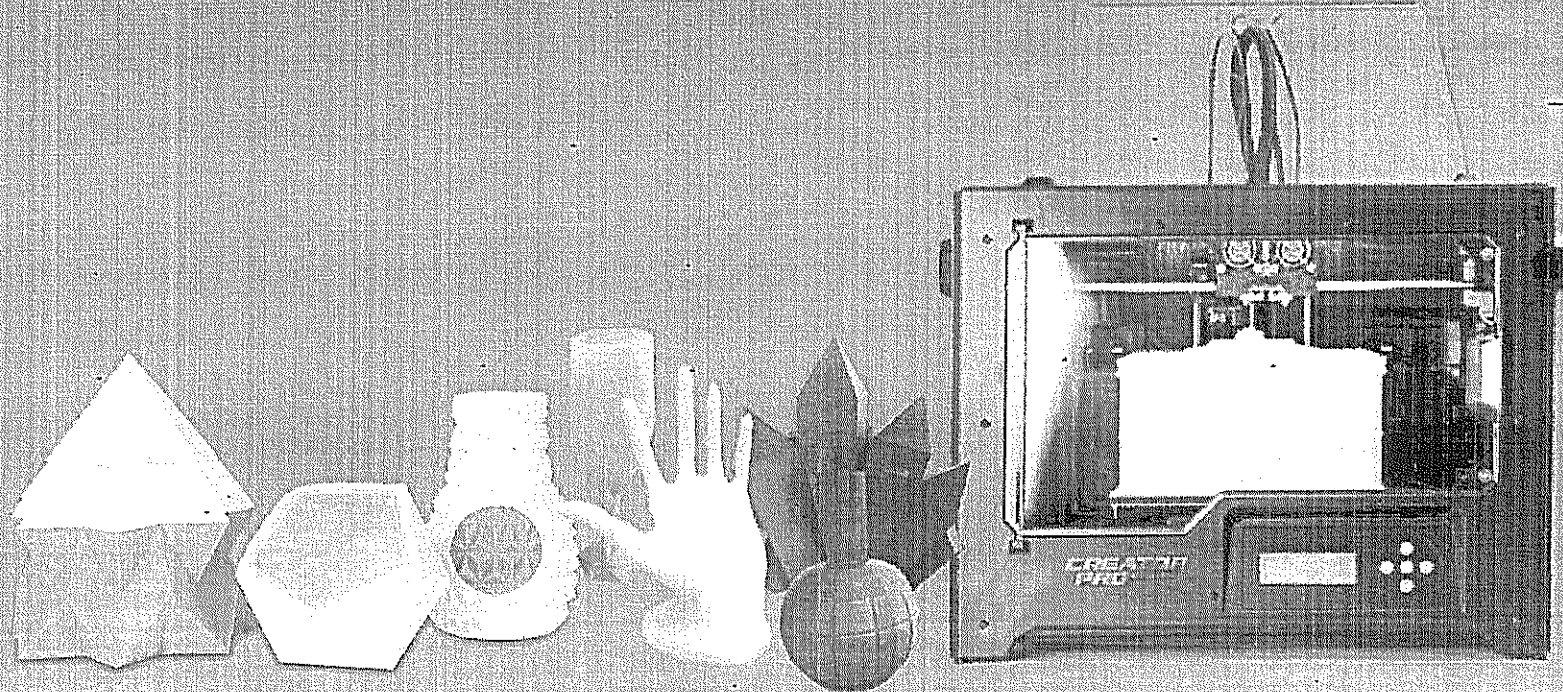
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