



# GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

Phone: 8790101015 / 9959250205

e-mail: [principal.giet.u6@gmail.com](mailto:principal.giet.u6@gmail.com)

JNTUH Code (U6)

CIVIL - CSE - MECH - ECE - EEE - MBA - M.Tech. EAMCET Code- GLOB

## DEPARTMENT OF CIVIL ENGINEERING

Cr.No: GIET/ Wrkshp /004(a)/06/2014-15

Dated: 09/06/2014

### CIRCULAR

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It is hereby informed that a **3-Day Workshop on Advancements in Composite Materials & its Applications**, from 15/07/2014 to 17/07/2014. All the Students are here by instructed to register for the Workshop on or before 30<sup>th</sup> June 2014. The Co-ordinator for the workshop is Mr. Raman Assistant Professor, Department of Civil Engineering.

  
HEAD  
HEAD

Department of Civil Engg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad(M), R.R. Dist.T.S.-501504

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**Mentors** – for information

Circulate in all class rooms

**Department** – for filing & Display on Department Notice Board



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## DEPARTMENT OF CIVIL ENGINEERING

### A 3-Day Workshop

on

### Advancements in Composite Materials & its Applications

(15<sup>th</sup> -17<sup>th</sup> July, 2014)

### PROGRAMME SCHEDULE

	TIME/LENGTH	SESSION	Speaker/ Resource Person
Day 1	09:30 AM - 10:00 AM	Inauguration	
	10:00 AM - 10:15 AM	Introduction of Resource Person and Programme.	(S) Mr. Raman, Assistant Professor Department of Civil Engineering,
	10:15 AM – 11:00 AM	Sustainable Materials and Ecodesign Aspects, Generation of New Eco-friendly Composite Materials via the Integration of Ecodesign Coefficients.	(R) Dr. Anand Deshpande Professor, SSIT, Tumkur
	11:00 AM - 11:30 AM	High Tea	
	11:30 AM - 01:00 PM	Design, Manufacture and Performance of Non-Asbestos Sealing Composites. Evaluation of Strength of Non-Asbestos Sealing Composites.	(R) Dr. Anand Deshpande Professor, SSIT, Tumkur
	01:00 PM - 02:00 PM	Lunch Break	
	02:00 PM - 03:30 PM	Thermoplastic Polymer based Modified, Red Mud Composites Materials Biopolymer as Reinforcement into Natural Matrices	(R) Dr. Anand Deshpande Professor, SSIT, Tumkur
	Day 2	<b>TIME/LENGTH</b>	<b>SESSION</b>
09:30 AM - 11:00 AM		Composite Materials and Curing Processes, Radiation Curing of Thermosetting-Thermoplastic Blends as Matrices for Structural Carbon Fibre Composites.	(R) Dr. M Chandrashekar Professor, BIET, Davangere
11:00 AM - 11:15 AM		Tea Break	

	11:15 AM - 01:00 PM	Optimization of Curing Cycles for Thick-wall Products of the Polymeric Composite Materials.	(R) Dr. M Chandrashekhhar Professor, BIET, Davangere
	01:00 PM - 02:00 PM	Lunch Break	
	02:00 PM - 03:30 PM	Modelling of Composites,	(R) Dr. M Chandrashekhhar Professor, BIET, Davangere
Day 3	<b>TIME/LENGTH</b>	<b>SESSION</b>	<b>SPEAKER</b>
	09:30 AM - 11:00 AM	Testing of Composite Materials	(R) Dr. M Chandrashekhhar Professor, BIET, Davangere
	11:00 AM - 11:15 AM	Tea Break	
	11:15 AM - 01:00 PM	Stress-strength Analysis of Adhesive Joints, Strength of Composite Scarf Joints.	(R) Dr. Anand Deshpande Professor, SSIT, Tumkur
	01:00 PM TO 02:00 PM	Lunch Break	
	02:00 PM TO 03:30 PM	Valedictory, Feedback and Certificate Distribution.	



Coordinator

Mr. Raman,  
Assistant Professor  
Department of Civil Engineering,  
Global Institute of Engineering & Technology.



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A

3-Day Workshop on

Advancements in Composite Materials & its Applications  
(15<sup>th</sup> - 17<sup>th</sup> July, 2014)

## STUDENT REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : ABDUL HOSSAIN  
Roll No : 15UG1A0101  
Course/Year : Btech / II  
Department : CIVIL  
E-mail : abdul.123@gmail.com  
Phone No : 9701653771

*Abdul*

Signature of Participant

For Office use only

Approved/ Not Approved

*Joanna*

Signature of Coordinator





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**A**  
**3-Day Workshop**  
on  
**Advancements in Composite Materials & its Applications**  
(15<sup>th</sup> -17<sup>th</sup> July, 2014)

**LIST OF PARTICIPANTS**  
**(2014-2015)**

SL NO	ROLL NO	NAME OF THE PARTICIPANT
1	13U61A0101	ABDUL HOSSAIN
2	13U61A0102	ABHISHEK RAJBHAR
3	13U61A0103	MD FAHIMUL HAQUE
4	13U61A0104	MD FAIZ ALI
5	13U61A0105	MD FAIZUL HODA
6	13U61A0106	MD NASIM
7	13U61A0107	MD NAWAZ SHARIF
8	13U61A0108	MOHAMMAD SHOIAB
9	13U61A0109	MOHD ABDUL MAJEED
10	13U61A0110	MOHD ABDUL RAHMAN

  
**Coordinator**

Mr. Raman

Asst. Professor,

Department of Civil Engg, GIET



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**LIST OF PARTICIPANTS**  
**(2014-2015)**

SL NO	ROLL NO	NAME OF THE PARTICIPANT
11	12U61A0101	ABDUL HASAN
12	12U61A0102	AJAY KUMAR SAH
13	12U61A0103	BAMAR RAJENDER SINGH
14	12U61A0105	JARAPALA VEERANNA
15	12U61A0106	K . VENKATESH
16	12U61A0107	KUGHALI ZHIMOMI
17	12U61A0108	MALOTH NAGESH
18	12U61A0109	MALOTH PRAKASH
19	12U61A0110	MALOTH RAJESH
20	12U61A0111	MD BARKAT ULLAH

*Raman*

**Coordinator**

Mr.Raman

Asst. Professor,

Department of Civil Engg, GIET



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## Department of Civil Engineering

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#### LIST OF PARTICIPANTS

(2014-2015)

SL NO	ROLL NO	NAME OF THE PARTICIPANT
21	11U61A0101	ABDUL RAHEEM
22	11U61A0103	AHSAN AHMED
23	11U61A0104	AFAK AHAMAD
24	11U61A0105	AQUIB FARAZ
25	11U61A0106	ARMAN HUSAIN
26	11U61A0107	DANDIA MOHAMMED JUNAID JEELANI
27	11U61A0109	DHARAVATH MAHESH
28	11U61A0110	FAISAL MIRZA
29	11U61A0111	HAMID RAZA
30	11U61A0112	HASAN MAHAMMAD TOUSIF IQBAL

*Raman*

**Coordinator**

Mr. Raman

Asst. Professor,

Department of Civil Engg, GIET





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#### LIST OF PARTICIPANTS

(2014-2015)

SL NO	ROLL NO	NAME OF THE PARTICIPANT
31	11U61A0113	JONNALAGADDA SAIRAM VIJAY KUMAR
32	11U61A0114	KORRAPATI VISHNUTEJA
33	11U61A0116	MD. SAJID ANWAR
34	11U61A0117	MINHAJ SADRI
35	11U61A0118	MIRZA ABDUL RAHMAN BAIG
36	11U61A0119	MOHAMMED AZHAR UDDIN AHMED
37	11U61A0120	MOHAMMED SOHAIL ALI
38	11U61A0121	MOHD HOZAIFA FAISAL
39	11U61A0122	MOHD SAIFUDDIN
40	11U61A0123	MOHD. ARSALAN FAHED

*Raman*  
Coordinator

Mr. Raman

Asst. Professor,

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**LIST OF PARTICIPANTS**  
**(2014-2015)**

SL NO	ROLL NO	NAME OF THE PARTICIPANT
41	11U61A0124	NILADRI DAS
42	11U61A0125	NIRMALENDU ROY
43	11U61A0126	NOOR UL HASSAN
44	11U61A0127	RAMESH
45	11U61A0128	SABIR HOSSAIN MALLICK

*Raman*

**Coordinator**

Mr. Raman

Asst. Professor,

Department of Civil Engg, GIET



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**DEPARTMENT OF CIVIL ENGINEERING**

FACULTY Code- GLOB

## A 3-Day Workshop on Advancements in Composite Materials & its Applications (15<sup>th</sup> -17<sup>th</sup> July, 2014)

### ATTENDANCE SHEET

SNO	Name of the Participant	Programme	Year	Signature							
				Day-1 (15/07/2014)		Day-2 (16/07/2014)		Day-3 (17/07/2014)			
				FN	AN	FN	AN	FN	AN		
1	ABDUL HOSSAIN	B.Tech	II	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul
2	ABHISHEK RAJBHAR	B.Tech	II	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi	Abhi
3	MD FAHIMUL HAQUE	B.Tech	II	Haque	Haque	Haque	Haque	Haque	Haque	Haque	Haque
4	MD FAHIMUL HAQUE	B.Tech	II	Fahim	Fahim	Fahim	Fahim	Fahim	Fahim	Fahim	Fahim



**Head of Department**  
 Department of Civil Engineering

Global Institute of Engineering & Technology  
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 R. Dist

Department of Engineering & Technology  
 Global Institute of Engineering & Technology  
 Chilkur (V), Moimabad (M), R.R. Dist. T.S.-501504.

5	MD FAIZUL HODA	B.Tech	II	Fazal	Fazal	Fazal	Fazal	Fazal	Fazal
6	MD NASIM	B.Tech	II	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan
7	MD NAWAZ SHARIF	B.Tech	II	Nawaz	Nawaz	Nawaz	Nawaz	Nawaz	Nawaz
8	MOHAMMAD SHOJAB	B.Tech	II	Md. Sh.	Md. Sh.	Md. Sh.	Md. Sh.	Md. Sh.	Md. Sh.
9	MOHD ABDUL MAJEED	B.Tech	II	Md. Maj.	Md. Maj.	Md. Maj.	Md. Maj.	Md. Maj.	Md. Maj.
10	MOHD ABDUL RAHMAN	B.Tech	II	Md. Rah.	Md. Rah.	Md. Rah.	Md. Rah.	Md. Rah.	Md. Rah.
11	ABDUL HASAN	B.Tech	III	Hasan	Hasan	Hasan	Hasan	Hasan	Hasan
12	AJAY KUMAR SAH	B.Tech	III	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
13	BAMAR RAJENDER SINGH	B.Tech	III	Bamar	Bamar	Bamar	Bamar	Bamar	Bamar
14	JARAPALA VEERANNA	B.Tech	III	Jarapala	Jarapala	Jarapala	Jarapala	Jarapala	Jarapala
15	K. VENKATESH	B.Tech	III	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh
16	KUGHALZHIMOMI	B.Tech	III	Kughal	Kughal	Kughal	Kughal	Kughal	Kughal
17		B.Tech	III	M. Noor	M. Noor	M. Noor	M. Noor	M. Noor	M. Noor

Coordinator



Principal

Principal

Department of Engineering & Technology  
Global Institute of Engineering & Technology  
Chilukur (V), Moinabad (M), R.R. Dist. T.S.-501504.

Principal  
Chilukur (V), Moinabad (M)  
R. R. Dist



18	MALOTH PRAKASH	B.Tech	III	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin
19	MALOTH RAJESH	B.Tech	III	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
20	MD BARKAT ULLAH	B.Tech	III	Barkat	Barkat	Barkat	Barkat	Barkat	Barkat
21	ABDUL RAHEEM	B.Tech	IV	Rahim	Rahim	Rahim	Rahim	Rahim	Rahim
22	AHSAN AHMED	B.Tech	IV	Ahsan	Ahsan	Ahsan	Ahsan	Ahsan	Ahsan
23	AFAK AHAMAD	B.Tech	IV	Afak	Afak	Afak	Afak	Afak	Afak
24	AQUIB FARAZ	B.Tech	IV	Akib	Akib	Akib	Akib	Akib	Akib
25	ARMAN HUSAIN	B.Tech	IV	Arman	Arman	Arman	Arman	Arman	Arman
26	DANDIA MOHAMMED JUNAID JEELANI	B.Tech	IV	Junaid	Junaid	Junaid	Junaid	Junaid	Junaid
27	DHARAVATH MAHESH	B.Tech	IV	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
28	FAISAL MIRZA	B.Tech	IV	Faisal	Faisal	Faisal	Faisal	Faisal	Faisal
29	HAMID RAZA	B.Tech	IV	Hamid	Hamid	Hamid	Hamid	Hamid	Hamid
30	HASAN MAHAMMAD TOUSIF IOBAI	B.Tech	IV	Tousif	Tousif	Tousif	Tousif	Tousif	Tousif

Coordinator



*M. Mohan Babu*  
Principal

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31	JONNALAGADDA SAIRAM VIJAY KUMAR	B.Tech	IV	Prof.	Prof.	Prof.	Prof.	Prof.	Prof.
32	KORRAPATI VISHNUTEJA	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
33	MD. SAJID ANWAR	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
34	MINHAJ SADRI	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
35	MIRZA ABDUL RAHMAN BAIG	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
36	MOHAMMED AZHAR UDDIN AHMED	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
37	MOHAMMED SOHAIL ALI	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
38	MOHD HOZAIFA FAISAL	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
39	MOHD SAIFUDDIN	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
40	MOHD. ARSALAN FAHED	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
41	NILADRI DAS	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
42	NIRMALENDU ROY	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.
43	NOOR UL HASSAN	B.Tech	IV	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.	Asst. Prof.

Head of Department  
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 Chilkur (V), Moinebad (M)





44	RAMESH	B.Tech	IV	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>
45	SABIR HOSSAIN MALLICK	B.Tech	IV	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>	<i>Sabir</i>



*Sabir*  
Coordinator

*Sabir*  
Coordinator

Department of Civil Engg.  
Global Institute of Engineering & Technology  
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*Sabir*  
Principle Lectr  
Global Institute of Engg. & Tech  
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## DEPARTMENT OF CIVIL ENGINEERING

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3-Day Workshop

on

Advancements in Composite Materials & its Applications

15<sup>th</sup> -17<sup>th</sup> July, 2014

### STUDENT FEEDBACK FORM

Please evaluate your rating of the Workshop by placing a tick in the appropriate box.

1. Poor 2. Satisfactory 3. Good 4. Very good 5. Excellent

Branch and Year: *CE / II<sup>yr</sup>*

Date: *17/07/14.*

ASPECTS	RATING				
	Excellent 5	Very good 4	Good 3	Satisfactory 2	Poor 1
Relevance of contents		✓			
Resource Person was knowledgeable and skillful	✓				
Quality of input provided		✓			
Quality of presentations	✓				
Adherence to the time schedule		✓			
Opportunity given to participant to clear doubts	✓				
Identify ways to build on current skills and knowledge		✓			
Overall learning experience	✓				

How has the course enhanced your skills or understanding of this topic?

*Yes - good*

Suggestions in specific to ( Workshop/ Hospitality/ Workshop Outcomes based on Objectives)

Specify problems faced by you during the course?

*NO*

Suggested topics for upcoming workshops

*Civil Softwares*



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## WORKSHOP REPORT

**Topic : Advancements in Composite Materials & its Applications**

**Date : 15<sup>th</sup> -17<sup>th</sup> July, 2014**

A Three day Workshop on “Advancements in Composite Materials & its Applications” was organized from 15th July 2014-17<sup>th</sup> July 2014 in the Campus of Global Institute of Engineering and Technology for Faculty of GIET and Students of PG. The Workshop aims to make the participants productive by giving them the ability to understand the importance of Advancements in Composite Materials & its Applications. This Workshop will help the Faculty and Students of PG in practically understanding and utilizing Composite Materials and its importance for Educational Institutions & Scholars. The workshop was attended by Faculty of GIET and Students of PG

### Day 1:

The Workshop Started with a formal Inaugural Ceremony, Welcome Address to the gathering was delivered, Later in the inauguration Mr. Raman, Assistant Professor of Civil Engineering Department, GIET, Workshop Coordinator delivered the Inaugural Address and Introductory Speech. Importance of Advancements in Composite Materials in Daily Life was addressed to the gathering as a part of his Introductory Speech. The session started after inauguration, at around 10:15AM in which Resource Person, Dr. Anand Deshpande, Professor, SSIT, Tumkur, delivered his talk on Advancements in Composite Materials & its Applications. He emphasized on the importance of Sustainable Materials and Eco design Aspects & . His speech ended at 11:00 AM followed by a tea break. After the break at around 11:30 AM with detailed discussion on Design, Manufacture and Performance of Non-Asbestos Sealing Composites. Non-Asbestos Sealing Composites by Dr. Anand Deshpande, Professor, SSIT,





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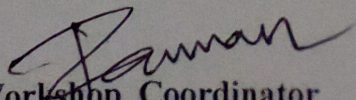
Tumkur and the session closed with a Lunch Break at around 1.00PM. After Lunch Break i.e 2.00 PM again session continued on Case Studies by Resource Person, Dr. Anand Deshpande, Professor, SSIT, Tumkur. The session ended by 3.30PM.

Day 2 :

On second day, the session started at 9.30 AM wherein, Resource Person Dr. M Chandrashekhar, Professor, BIET, Davangere, conducted a Session on Composite Materials and Curing Processes, Radiation Curing of Thermosetting-Thermoplastic Blends as Matrices for Structural Carbon Fibre Composites, followed by a tea break. Soon after the break, the session started on Optimization of Curing Cycles for Thick-wall Products of the Polymeric Composite Materials by Dr. M Chandrashekhar, Professor, BIET, Davangere from 11.15 AM to 1.00 PM . And the session continued after Lunch break on Case Studies and doubt clarifications which ended by 3.30PM.

Day 3 :

On third day, the session started with most important discussion on Testing of Composite Materials by Dr. M Chandrashekhar, Professor, BIET, Davangere from 9.30 AM to 11.00 PM. Followed by a tea break. Thereafter Stress-strength Analysis of Adhesive Joints, Strength of Composite Scarf Joints was conducted by Dr. Anand Deshpande, Professor, SSIT, Tumkur, & Doubt Clarification Future Scope & Discussions. Post lunch break, in the Afternoon session after 2.00PM started the Valedictory, Vote of thanks presented by Mr. Raman, Assistant Professor of Civil Engineering Department, GIET, Workshop Coordinator, followed by collection of feedback and distribution of Certificates to the participants by Resource Person.

  
Workshop Coordinator  
Mr. Raman,  
Assistant Professor





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## DEPARTMENT OF CIVIL ENGINEERING

THREE DAY WORKSHOP

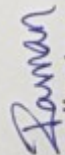
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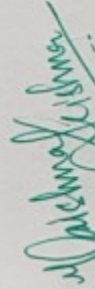
# ADVANCEMENT IN COMPOSITE MATERIALS & ITS APPLICATIONS

15<sup>th</sup>-17<sup>th</sup> July 2014

## CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. Abhishek Rajbhar  
bearing roll number 13U61A0102 has attended three day workshop on "ADVANCEMENT  
IN COMPOSITE MATERIALS & APPLICATIONS" held from 15<sup>th</sup> July 2014 to 17<sup>th</sup> July 2014 at Global Institute of  
Engineering and Technology.

  
Coordinator  
(Mr. Raman)

  
Head of the Department  
(Ms. P. Vaishnavi)

  
Principal  
(Dr. Mrs. Ravindra Tiwari)



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## DEPARTMENT OF CIVIL ENGINEERING

THREE DAY WORKSHOP

ON

# ADVANCEMENT IN COMPOSITE MATERIALS & ITS APPLICATIONS

15<sup>th</sup>-17<sup>th</sup> July 2014

## CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. Abdul Hossain  
bearing roll number 13U61A0101 has attended three day workshop on "ADVANCEMENT

IN COMPOSITE MATERIALS & APPLICATIONS" held from 15<sup>th</sup> July 2014 to 17<sup>th</sup> July 2014 at Global Institute of  
Engineering and Technology.

*Raman*  
Coordinator  
(Mr.Raman)

*Vaishnavi*  
Head of the Department  
(Ms.P.Vaishnavi)

*Ravindra Tiwari*  
Principal  
(Dr. Mrs. Ravindra Tiwari)