DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Phone: 08182-276707 / 8 / 9, Fax: 08182-222450 Email: hod_cse@jnnce.ac.in

Ref. No.: JNNCE/CSE

Date:____

Date: 10-08-2018

TO,

MR. ANIL KUMAR DIRECTOR, RACHANA ENER CARE, MYSORE

Dear Sir,

We, the coordinators of COSMOS (Branch forum), Department of Computer Science and Engineering, invite you to deliver an expert talk to 3rd semester students on Energy Conservation on 18th of August 2018.

Please acknowledge us with your positive response as soon as possible.

Sincerely,

Mr. Narendra Kumar S.

Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE. Shivamogga Mrs. Sreedevi S. Cosmos Co-ordinator Asst. Professor Cept. of CS & E JECCE, Shivamogga Dr. Nirmala Shivananda

Professor and Head Dept. of CS & E JNNCE, Shivamogga

Website: www.jnnce.ac.in



Jawaharlal Nehru National College of Engineering, Shivamogga Department of Computer Science and Engineering

Date: 15-08-2018

EXPERT TALK

ON

"Energy conservation, building code and its significance in sustainable growth"

CIRCULAR

COSMOS, department forum of CS&E, has arranged an expert talk on "Energy conservation, building code and its significance in sustainable growth". This event is for 3rd semester students of the department.

Resource Person Details:

Mr. Anil Kumar

Director,

Rachana Ener Care,

Mysore

Date and Time: 18th August 2018 at 10.30 am.

Venue: AD Block Seminar Hall,

JNNCE.

Mr. Narendra Kumar S.

Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE, Shivamogga Mrs. Sreedevi S.

Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE, Shivamogga Dr. Nirmala Shiyananda

Professor and Head Dept. of CS & E JNNCE, Shivamogga



Jawaharlal Nehru National College of Engineering, Shivamogga Department of Computer Science and Engineering

Date: 15-08-2018

EXPERT TALK

<u>N</u>

"Energy conservation, building code and its significance in sustainable growth"

CIRCULAR

event is for 3rd semester students of the department. conservation, building code and its significance in sustainable growth". This COSMOS, department forum of CS&E, has arranged an expert talk on "Energy

Resource Person Details:

Director,

Mr. Anil Kumar

Rachana Ener Care,

Mysore

Date and Time: 18th August 2018 at 10.30 am.

Venue: AD Block Seminar Hall

JNNCE.

Mr. Narendra Kumar S.

Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator

Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE, Shivamogga

rmala Shiv

Dr. Nirmala Shivananda Professor and Head Dept. of CS & E JNNCE, Shivamogga



Jawaharial Nehru National College of Engineering, Shivamogga Department of Computer Science and Engineering

Date: 15-08-2018

EXPERT TALK

O

"Energy conservation, building code and its significance in sustainable growth"

CIRCULAR

conservation, building code and its significance in sustainable growth". This COSMOS, department forum of CS&E, has arranged an expert talk on "Energy event is for 3rd semester students of the department.

Resource Person Details:

Mr. Anil Kumar

Director,

Rachana Ener Care,

Mysore

Date and Time: 18th August 2018 at 10.30 am.

Venue: AD Block Seminar Hall,

JNNCE

Mr. Narendra Kumar S. Cosmos Co-ordinator

Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE, Shivamogga

Mrs. Sreedevi S.

Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Dr. Nirmala Shivananda Professor and Head Dept. of CS & E JNNCE, Shivamogga

Jawaharlal Nehru National College of Engineering, Invitation Shivamogga

Students and Staff members of Department of Computer Science and Engineering forum COSMOS 2018-19 cordially invites you to present an Expert talk on

"Energy conservation, building code and its significance in sustainable growth"

Date and Time

18th August 2018 at 10:30 am

Resource Person

Mr. Anil Kumar Director, Rachana Ener Care, Mysore

Venue:

AD Block Seminar Hall, JNNCE, Shivamogga

6

Mr. Narendra Kumar S. Cosmos Co-ordinator Asst. Professor Dept. of CS & E

Mrs. Sreedevi S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Dr. Nirmala Shivananda Professor and Head Dept. of CS & E JNNCE, Shivamogga



Shlvamogga Department of Computer Science and Engineering Jawahariai Netiru National College of Engineering.

SYNOPSIS OF THE EXPERT TALK

2

"Energy conservation, building code and its significance in sustainable growth"

Energy conservation building code is introduced in energy conservation act buildings consume nearly 30% of total energy, out of which more than 40% is used for heating & It fixes guide lines, so that energy consumption of building will be reduced. Concept cooling needs. Depending on type of building and geographical location, ECBC mandates standard guidelines. It mainly focus on building envelope structure design, HVAC, Electrical and use of renewable energy.

There are compulsory and prescriptive guide lines to make building energy efficient. Simulation tools and other software's are available to make design simpler in order to comply with ECBC Presently it is applicable to building with contract demand of 100kw or 125kva.It provides ample growth opportunity for civil, electrical, mechanical, electronics and automation engineers.

Resource Person Details:

Mr. Anil Kumar Director, Rachana Ener Care, Mysore



Jawahariai Nehru National College of Engineering, Shivamogga Department of Computer Science and Engineering

EXPERT TALK ON "ENERGY CONSERVATION, BUILDING CODE AND ITS SIGNIFICANCE IN SUSTAINABLE GROWTH"

STUDENT ATTENDANCE FORM

Time: 10.30 AM - 12.30 PM Person: Rachana Ener Care, Mysore
Mysore

Si. No.	NSO	NAME	Signature
	4JN16CS002	ADARSH S M	
	4JN16CS043	MISBA SAIT	The state of the s
	4JN16CS069	RAGHAVENDRA N M	The second
	4JN16CS076	RANJITHA S G	
	4JN16CS081	SACHIN H S	
	4JN17CS007	ANANYA B R	A DECEMBER
	4JN17CS008	APOORVA R	Andrew M.
	4JN17CS009	APOORVA U	
	4JN17CS011	ВНАКАТН К G	
10.	4JN17CS015	CHANDANA J DOTRADA	Ser Ser
11.	4JN17CS017	DARSHAN S M	7
12.	4JN17CS020	DRUSHTI K N	
13,	4JN17CS021	G AMARNATH	1 Sept.
14.	4JN17CS022	G F SUBHAN SHARIFF	Makara Japan
15.	4JN17CS024	GAURAV KOTE S R	CALCO
16.	4JN17CS027	GOWRI BHARADWAJ B N	Cyclind Styl
17.	4JN17CS028	GOWTHAM S	S Gentlinen
18.	4JN17CS029	GREESHMA C O	
19.	4JN17CS033	KEERTHANA N	Kenther
20.	4JN17CS034	KHALIQ ZAMEER AHAMED	Ph,
	4JN17CS036	KRISHNA G P	Avide 9P
22.	4JN17CS040	MAITHREYI RHATT B N	# 7A 7



Jewsharfal Nehro Naffonal College of Engineering. Shivamogga Department of Computer Science and Engineering

A Maria Lander		Vie dividuo	Mend	A NOR	The state of the s		7			20101			C. Charle, R.	9.10	Ro Vehitte, Av.	Donnald	(A) (A)	Colorana J			Sorutti	Bradle W	Ser.	Shitha	R. Meshington	Rulelas	K	Sairoung Sal	Soneta, M.	& Boundary		080	yoshasiol ul	THE CHEST III.	Shiedakili
MAYURSS	MEGHANA G P	MOHAMMED ABDUL LATHIEF	PASHA	NIKHIL KUMAR S N	NIKILDJ	NISARGA G K	NIVEDITA R RAO	PARTHA H U	PRAGATHI H	PRAJNA H V	PREM R R	PREMA E V	PRIYA M R	RACHITHA H V	RAKSHITH N	RAMYAKT	RASHMITHA K	SAHANAJRAIKAR	SAMANTHA LOBO	SANJANA S GODOLKAR	SANNUTHI V S	SHARADHI S S	SHREERAKSHA M S	SHRESHTA K R	SHUBHASHINI PATIL G P	SHUKLA SHET	SINCHANA P S	SOUJANYA S D	SOUMYAM	SURYA KIRAN H B	VAISHNAVI S AITHAL	VARSHA R SANNAGOUDAR	YASHASWINI LINGARAJ	SANTHOSH M M	SHREELAKSHMI JAVAGAL S
#JN17CS042	4JN17CS043		4JN17CS046	4JN17CS049	4JN17CS050	4JN17CS051	4JN17CS052	4JN17CS053	4JN17CS055	4JN17CS056	4JN17CS059	4JN17CS060	4JN17CS061	4JN17CS062	4JN17CS067	4JN17CS069	4JN17CS070	4JN17CS077	4JN17CS078	4JN17CS079	4JN17CS080	4JN17CS083	4JN17CS087	4JN17CS088	4JN17CS090	4JN17CS091	4JN17CS092	4JN17CS097	4JN17CS098	4JN17CS103	4JN17CS108	4JN17CS109	4JN17C5110	4JN17CS114	4JN17CS115
23	2.0	25.		26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.	50.	51.	52.	53.	54.	55.	.99	57.





Jawaharlal Nehru National College of Engineering, Shivamogga Department of Computer Science and Engineering

		T. C.		3	Sheeps R	Kong Ja	Wikhal-y	95	Constitution of the second	A STANKE OF THE STANK OF THE ST	N. Bloyo	=		H		tor and					1. P. C. C.	The state of the s	This en	2 tarond	1 Soomin No.	The said T.L.	To the training of the trainin		47/22	Livingabour VIE.		Hasishistra.D.	ALS	Kampershue PA	Kotesh. M.
PREETHAM	SOURABH S R	SHREE GOWRIS			KOWSHIKKI	NIKHII G DIBASHI	ABDUL AZIZ ARSHAD	ANILL	ANUSHAS	MEGHANA S L	NESARA J	PAVAN KUMAR H	PRIYADARSHINI K B	SHARANYA S S	SIMRAN F	SURAJ M	SYEDA NOOR ASMA	VANISHREE P	Raju S	AFEEFA SAMAN D	PRIYA T	AISHWARYA PATIL	AMREEN SADAF	BHARAT B R	BHOOMIKA N S	BHOOMIKA T L	C H SATHVIK	CHANDANA P	DHANYA B N	GIRIJASHREE V K	GOURISH BHAIRU PATAGAR	HARSHITHA D	HONEY BHARATI	KAVYASHREE R A	котеѕн м
4JN17CS122 p	-	4JN17CS124 S	+	+	+	+	+	4JN18CS401	4JN18CS404	4JN18CS409	-	4JN18CS412	4JN18CS413	4JN18CS414	4JN18CS416	4JN18CS420	4JN18CS422	4JN18CS423	4JN16CS101	4JN16CS004	4JN16CS068	4JN17CS002	4JN17CS004	4JN17CS010	4JN17CS012	4JN17CS013	4JN17CS014	4JN17CS016	4JN17CS019	4JN17CS025	4JN17CS026	4JN17CS030	4JN17CS031	4JN17CS032	4JN17CS035
58.	59.	.09	61.	62.	63.	64.	65.	.99	. 29	68.	.69	70.	71.	72.	73.	74.	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.	.98	87.	88.	.68	90.	91.	92.	93.

Wah.	
To the same	
	00
200	200

MEHNAZ HUSNA KHANUM Department of coll MADHUSHREE R MADHUHR artal Nerri AIN17CS038

Madroshar

SNOU

SHARATH KUMAR H R SHREE HARI S OLEKAR

SARIM ALAM SAHANA DY

O

SHRILAKSHMI H

110.

111. 112. 113.

SNEHA SANNAKKI K V

SINCHANASS

S

SUDHVINA A

115. 114

116. 117. 118. 119 120. 121.

SPARSHA K SNEHA V K

SYEDA AFEERA ARFAIN

SUJITH G P V

SUJAN M L

TEJASHWINI D S

VAISHNAVI B S YESHWANTH P

> 122 123 124 125 126 127 128 129

SAIMA SADIYA ABHISHEK N S

MISBA

KARTHIK ZAIBA R

MANAL

4JN17CS117 4JN17C5118 **ADARSH NAIK**

4JN17CS120 4JN17CS119

RUMAINA FARHEEN A

RUTHU CS

4JN17CS073 4JN17CS074 4JN17CS076 4JN17CS081 4JN17CS084 4JN17CS086 4JN17CS089 4JN17CS093 4JN17CS095 4JN17CS096 4JN17CS099 4JN17CS100 4JN17CS101 4JN17CS102 4JN17CS105 4JN17CS106 4JN17CS107 4JN17CS111 4JN17CS112 4JN17CS113 4JN17CS116

104

105

106

107

108 109

ROHAN SINGH

4JN17CS068 4JN17CS071

4JN17CS066

RAKSHITHAJ

RAKSHITH G

PRASAD PATEL HE RAGHAVENDRA S

4JN17CS048 43N17CSOA7

10

80 00

4JN17CS057 4JN17CS063

> 100 101 102 103.

 α

MISBA NAAZ

NA

AJN17CS039 *CSO44 AJN17CS045

NAGASHREE K F NANDEESH B S





Jawaharial Nehru National College of Engineering, Shivamogga Department of Computer Science and Engineering

	3	St. St.		Anitha CK	Anusha ks	Lackehingan	Golothami KN	40	Medigna	Montha D	Shauki. X	Sindhurin	Sinche. R	Comon S	1 long of the
4JN17CS121 SANCHITHA K S	VARDHAN A C	GURURAJA H.S	ANITHACK	ANUSHAKS	DAKSHAYINI H V	GOWTHAMIRN	INDUA	MEGHANA P R	MONIKA D	SHRUTHIV	SINDHU M	SINDHU R	SRUSTI S	SUSHMAH	VARSHITHA R
4JN17CS121	4JN17CS125	4JN17CS126	4JN18CS402 ANITHA CK	4JN18CS403	4JN18CS405	4JN18CS406	4JN18CS407	4JN18CS408	4JN18CS410 MONIKA D	4JN18CS415 SHRUTHIV	4JN18CS417	4JN18CS418	4JN18CS419	4JN18CS421	4JN18CS424 VARSHITHA R
130.	131.	132.	133.	134.	135.	136.	137.	138.	139.	140.	141.	142.	143.	144.	145.



H.O.D

Dr. Nirmala Shivanand Professorand Head Professorand Head Dept. of Computer Science of Engaga. A.M.N. College of Engineering Shivamogga. \$77224.



Jewsharial Nehro National College of Engineering. Shivamogga

Department of Computer Science and Engineering

DATE: 18-08-2018

PROCEEDING OF THE EXPERT TALK

O

"ENERGY CONSERVATION, BUILDING CODE AND ITS SIGNIFICANCE IN SUSTAINABLE GROWTH"

Block Seminar Hall, JNNCE. Number of students were present 119, this session started with the welcome speech to welcome the gather by Mr. Narendra Kumar S., Assistant Professor, and its significance in sustainable growth" on 18.08.2018 for second year students of the department, and the talk is delivered by Mr. Anil Kumar, Director, Rachana Ener Care, The event is scheduled at 10.30 am. The venue where the event is arranged at AD Dept. of CS & E, chief guest has been introduced to the gathering by Dr. Sanjeev Kunte R., Professor, Dept. of CS & E. formal inauguration of the event done by the Department HoD, 'OSMOS 2018- 2109 hosted an Expert Talk on "Energy Conservation, building code Dr. Nirmala Shivananda. HoD addressed the gathering about the importance of this expert talk briefly, soon after this, session has been started by the chief guest. Session is delivered very systematically and students were involved actively throughout the session.

mandates standard guidelines, building envelope structure design, HVAC, Electrical and use of renewable energy. Finally, he shared the importance of computer science engineer's role energy conservation act 2001, the type of building and geographical location, ECBC He initiated his talk from the Concept of energy conservation building code i.e. contribution for efficient energy conservation by the simulation tools and software's development. Session ended with Q&A. Finally the expert talk session concluded with the vote of thanks by Mrs. Sreedevi S., Assistant Professor, Dept. of CS&E and the event is coordinated by Mrs. Sreedevi S. and Mr. Narendra Kumar S., COSMOS - 2019 coordinators.

Mr. Narendra Kumar S. Cosmos Co-ordinator Asst. Professor Dept. of CS & E JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga



Paymatagraphy (Rock or Resilience Consideration)

The second of

allalara lore, is assistenzi tale on tota also tales also talestical alla alla salestical salestical salestica

11/4 100	VERNOW PRESIDENCE	Filosofficer Coppet.	" SANA	Awanes
philips will be	निक साम्बन्धित है। एक राज्य है क्षित्रमान स्थान करा है कर्न है।			
1 this with	the exceptional responsibilities.			
A year on the	त्रांत कि रहते ती किस कुरिस्टास्ट्रिसिंग्स्ट्रिस्टास्ट्रिस्ट्रिस्ट्रिस्ट्रिस्ट्रिस्ट्रिस्ट्रिस्ट्रिस्ट			
and the	was in institute to the the the territories of the territories and			

Additional Comments:

Massestytist in the probation of technical as the The trace rise rises placed in their the already case.

I. How has your control magnitioned of the table

Sellion the informative



Department of Computer Science and Engineering Jawaharlal Nefiru National College of Engineering, National Education Society(R) Shivamogga

Feedback Form

Please complete the following evaluation for the Expert talk you attended. Your feedback will help us to evaluate the effectiveness of this event and allow us to make improvement

"Energy conservation, building code and its significance in sustainable

		Average Poor								
	Excollent	poos marrage	7	7))	7	7	7	\
LI MO 18	Sl. No Feedback Questionaries'	The material was well organized and easy to follow.	2 The content was helpful	3 The level of the presentation was appropriate	4 The speaker had a good knowledge on the topics	5 Audience presentation and interaction was encouraged	6 Was helpful in up gradation of technical skills	7 The event was well placed within the allotted time	8 What was your overall impression of this talk?	And in contrast and in contras

Additional Comments:



Shiramogus



ENGINEERING DEPARTMENT OF COMPUTER SCIENCE &

Phone: 08182-276707

JNNCE/CSE

Date

hod cse@innce

DATE: 18-08-2018

RACHANA ENER CARE, MR. ANIL KUMAR DIRECTOR, MYSORE

Dear Mr. Anil Kumar,

you for as our speaker on "Energy Conservation, building code and its significance in sustainable and participation illustrated the On behalf of the COSMOS, forum of Dept. of CS&E, we wanted to express our appreciation to growth". It was extremely informative, and the class size importance of this topic to students.

taking time to provide us with the timely information. The positive responses to the session are a reflection of RACHANA ENER CARE, Mysore acceptance and credibility within the software RACHANA ENER CARE, Mysore is an excellent firm, and we appreciate your personally

Once again, thank you for making the expert talk session successful, and we appreciate your

Sincerely,

Mr. Nakandra Kumar S. Cosmos Co-ordinator JNNCE, Shivamogga Dept. of CS & E Asst. Professor

Mrs. Sreedevi S.

PANCE, Shivamogga Cosmos Co-ordinator Dept. of CS & E Asst. Professor

Dr. Nirmala Shivananda JNNCE, Shivamogga Professor and Head Dept. of CS & E

Website: www.innce.ac.in