



National Education Society ®  
Jawaharlal Nehru National College of Engineering, Shivamogga, Karnataka  
(Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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

Ref. No. : JNNCE/CSE

Date : 25-04-2019

TO,


MR. KARTHIK SHASTRY,  
SENIOR SOFTWARE ENGINEER,  
SAKHATECH INFORMATION SYSTEM PVT. LTD.,  
BENGALURU

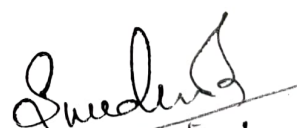
Dear Sir,


We, the coordinators of COSMOS (Branch forum), Department of Computer Science and Engineering, invite you as a guest for valedictory function of COSMOS and to present a technical talk to 6<sup>th</sup> semester students on 4<sup>th</sup> of May 2019.

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  
Dept. of CS & E  
JNNCE, Shivamogga

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



Date: 02-05-2019

TECHNICAL TALK

ON

“Innovative Project Ideas and professional practices”

CIRCULAR


COSMOS, department forum of CS&E, has arranged a Technical talk on “Innovative Project Ideas and professional practices”. This event is for pre-final year students of the department.

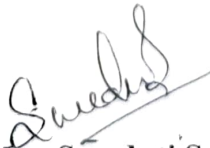
**Resource Person Details:**


Mr. Karthik Shastry,  
Senior Software Engineer,  
Sakhatech Information System Pvt. Ltd.,  
Bengaluru

**Date and Time:** 4<sup>th</sup> May 2019 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 Shivananda**  
Professor and Head  
Dept. of CS & E  
JNNCE, Shivamogga

Jawaharlal Nehru National College of Engineering,  
Shivamogga

## *Invitation*

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

### **“Innovative Project Ideas and professional practices”**

#### **Date and Time**

**4<sup>th</sup> May 2019 at 10:30 am**

#### **Resource Person**

**Mr. Karthik Shastry,  
Senior Software Engineer,  
Sakhatech Information System Pvt. Ltd.,  
Bengaluru**

#### **Venue:**

AD Block Seminar Hall, JNNCE, Shivamogga

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



## SYNOPSIS OF THE TECHNICAL TALK

ON

### “Innovative Project Ideas and professional practices”

Computer science is a branch of engineering that deals with the scientific study of computers and their usage like computation, data processing, systems control, advanced algorithmic properties, and artificial intelligence. The study of computer science includes programming, design, analysis and theory. Computer science engineering projects involve designing and development of various application-based software. Computer science project topics can be implemented by a number of tools such as Java, .NET, Oracle, etc.

The *Professional Practice Experience* is intended to function either as a seminar or a studio. The purpose of this is to provide final-year students with a wide variety of professional practice activities so that they will be prepared for professional life after their bachelors. Students will engage in activities such as creating a professional portfolio for use in an online context, preparing a CV, networking with alumni and other key figures in their fields of interest, and writing an artist statement and/or project proposal.

#### Resource Person Details:

Mr. Karthik Shastry,  
Senior Software Engineer,  
Sakhtech Information System Pvt. Ltd.,  
Bengaluru



National Education Society(R)

Jawaharlal Nehru National College of Engineering, Shivamogga

Department of Computer Science and Engineering

## TECHNICAL TALK

ON

“INNOVATIVE PROJECT IDEAS AND PROFESSIONAL PRACTICES”

### STUDENT ATTENDANCE FORM

Date:	04-05-2019	Resource	Mr. Karthik Shastry, Senior Software Engineer,
Time:	10.30 AM – 12.00 PM	Person:	Sakhatech Information System Pvt. Ltd., Bengaluru
Venue:	AD Block Seminar Hall, JNNCE.		

Si. No.	USN	NAME	Signature
1.	4JN14CS002	AIMAN FATHIMA	
2.	4JN14CS092	SERWESH KUMAR SHIROLE Y	
3.	4JN15CS025	GAHANA P	- Ab -
4.	4JN15CS041	MANOJ N	
5.	4JN15CS049	NAVEENANAİK L	
6.	4JN15CS067	PRIYAMVADA L KALAMDANI	
7.	4JN16CS003	ADITYA B IYER	
8.	4JN16CS008	AMRUTHA M V	- Ab -
9.	4JN16CS010	ANUSHREE P	
10.	4JN16CS011	APOORVA G	
11.	4JN16CS012	APOORVA K R	
12.	4JN16CS013	APOORVA V S	
13.	4JN16CS014	ARPITHA J A	
14.	4JN16CS015	AVINASH H R	
15.	4JN16CS016	BHOOMIKA S	
16.	4JN16CS019	BINDU N L	
17.	4JN16CS020	CETHANA B H	
18.	4JN16CS021	CHIRANTHAN K S	
19.	4JN16CS022	CHOMINI D K	Ab



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

20.	4JN16CS023	DEEPA SURENDRA RAYAKAR	<u>Deepa S. Rayakar</u>
21.	4JN16CS024	DEEPIKA H R	<u>Deepika</u>
22.	4JN16CS027	HALIMA ERUM	<u>Halima</u>
23.	4JN16CS028	HARSHITHA M H	<u>Harshitha M.H</u>
24.	4JN16CS029	JYOTHI J R	<u>Jyothi J.R</u>
25.	4JN16CS030	JYOTHI T S	<u>Jyothi T.S</u>
26.	4JN16CS032	KARTHIK MALODE	<u>Karthik</u>
27.	4JN16CS034	KARTHIK P	<u>Karthik P</u>
28.	4JN16CS036	KAVANA K P	<u>Kavana K.P</u>
29.	4JN16CS037	MADHURA V M	<u>- H.S -</u>
30.	4JN16CS040	MANJUNATHA V AMBORE	<u>manjunath V.</u>
31.	4JN16CS041	MARELLA JESSICA	<u>Jessica</u>
32.	4JN16CS044	NAMRUTA VASU BHAT	<u>Namruta</u>
33.	4JN16CS046	NEELES V S	<u>Neelesh</u>
34.	4JN16CS051	PALLAVI N G	<u>Pallavi</u>
35.	4JN16CS053	PANNAGA Y S	<u>Pannaga</u>
36.	4JN16CS054	PAVANA B	<u>Pavana</u>
37.	4JN16CS055	PAWAN P	<u>Pooja</u>
38.	4JN16CS057	POOJA M S	<u>Pooja M.S</u>
39.	4JN16CS058	POOJA S	<u>Pooja S</u>
40.	4JN16CS059	POOJA SHASTRY	<u>Pooja</u>
41.	4JN16CS062	PRAJWAL M	<u>- H.S -</u>
42.	4JN16CS064	PRATHIBHA K M	<u>Prathibha K.M</u>
43.	4JN16CS046	NEELES V S	<u>Neelesh</u>
44.	4JN16CS051	PALLAVI N G	<u>Pallavi</u>
45.	4JN16CS078	RASHMI RAO B	<u>Rashmi Rao</u>
46.	4JN16CS079	REBONI SHAMMA	<u>Reboni Shamma</u>
47.	4JN16CS082	SAHANA G	<u>Sahana G</u>
48.	4JN16CS084	SANJANA S R	<u>Sanjana S.R</u>
49.	4JN16CS096	SINCHANA R RAO	<u>Sinchana</u>
50.	4JN16CS097	SINCHANA S J	<u>Sinchana S.J</u>
51.	4JN16CS104	SUPREETHA H V	<u>Supreetha</u>
52.	4JN16CS106	SUPRIYA S P	<u>Supriya S.P</u>
53.	4JN16CS107	SURABHI S R	<u>Surabhi S.R</u>
54.	4JN16CS110	TANYA V	<u>Tanya V</u>
55.	4JN16CS118	VARSHA V BADAMI	<u>Varsha V. Badami</u>



## Jawaharlal Nehru National College of Engineering, Shivamogga

## Department of Computer Science and Engineering

56.	4JN16CS122	VIVEK V KINI	<del>Kini</del>
57.	4JN16CS127	APOORVA K G	<del>Kg</del>
58.	4JN16CS128	KAVYA KRISHNAMURTY HEGDE	Kavya
59.	4JN16CS130	CHANDANA B N	- Ab -
60.	4JN17CS400	ARUN M	Arun M
61.	4JN17CS401	BHAVANI V M	Bhavani
62.	4JN17CS404	CHANDRASHEKARA B	Chandra
63.	4JN17CS405	DEEPIKA J	Deepika J
64.	4JN17CS406	DINESH T	Dinesh T
65.	4JN17CS408	GAUTHAM J	Gautham J
66.	4JN17CS410	GIRISHA M N	<del>Girish M.N.</del>
67.	4JN17CS411	GOURAV G REVANKAR	Gourav
68.	4JN17CS413	KAVYA M	Kavya M
69.	4JN17CS414	KISHAN C M	Kishan C M
70.	4JN17CS417	POOJA B N	Pooja
71.	4JN17CS420	SEVANTHI B C	Sevanti
72.	4JN17CS422	SHILPA H B	<del>Shilpa</del>
73.	4JN17CS424	T A BHARATH	- Ab -
74.	4JN17CS425	VARSHA M H	Varsha M.H.
75.	4JN17CS427	YASHODHA S	Yashodha S
76.	4JN14CS133	RUMANA	Rumana
77.	4JN16CS001	ABHAY K P	<del>Abhay K P</del>
78.	4JN16CS005	AISHWARYA V K	<del>Aishwarya V K</del>
79.	4JN16CS006	AKSHAY YADAV	Akshay
80.	4JN16CS007	AMITH KUMAR H S	Amithkumar H S
81.	4JN16CS009	AMULYA S R	<del>Amulya S R</del>
82.	4JN16CS017	BI BI ZAKIYA	Bi Bi Zakiya
83.	4JN16CS018	BINDU K R	Bindu
84.	4JN16CS026	DHANYA V	- Ab -
85.	4JN16CS031	K C CHITRA	K.C. Chitra
86.	4JN16CS033	KARTHIK N UDUPA	Karthik
87.	4JN16CS035	KAVANA D M	Kavana D M
88.	4JN16CS038	MANJUNATH JOGI H K	Manjunath
89.	4JN16CS039	MANJUNATHA D	Manjunath D
90.	4JN16CS042	MEGHANA S	Meghana S
91.	4JN16CS045	NANDINI G M	Nandini



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Department of Computer Science and Engineering

92.	4JN16CS047	NIDA	Nida
93.	4JN16CS048	NIKHIL K A	Nikhil K.A
94.	4JN16CS049	NITHIN KUMAR S K	Nithin Kumar S.K
95.	4JN16CS052	PANNAGA G R	Pannaga G.R
96.	4JN16CS056	POOJA A J	Pooja A.J
97.	4JN16CS060	POOJASHREE T	Poojashree T
98.	4JN16CS061	PRAJWAL A P	Prajwal A.P
99.	4JN16CS063	PRASHANTH N	Prashanth N
100.	4JN16CS065	PREETHAM KRISHNA	Preetham Krishna
101.	4JN16CS066	PREMARAKSHA CHANDRASHEKHAR MALI	Preetham Krishna
102.	4JN16CS067	PRIYA P SHETTY	Priya P Shetty
103.	4JN16CS070	RAJESH K	Rajesh K
104.	4JN16CS071	RAMACHANDRA ASHOK	Ramachandra Ashok
105.	4JN16CS072	RAMANATH PAI M D	Ramanath Pai M.D
106.	4JN16CS073	RAMYA H L	Ramya H.L
107.	4JN16CS077	RASHMI B S	Rashmi B.S
108.	4JN16CS080	S M SINDHU	S.M.Sindhu
109.	4JN16CS083	SALMANULLA R	Salmanulla R
110.	4JN16CS085	SANJU B K	Sanju B.K
111.	4JN16CS087	SAVITHA G	Savitha G
112.	4JN16CS088	SHARATH C	Sharath C
113.	4JN16CS089	SHARMEEN SADAF	Sharmeen Sadaf
114.	4JN16CS090	SHASHANK L NAGAR	Shashank L.Nagar
115.	4JN16CS091	SHASHANK T P	Shashank T.P
116.	4JN16CS093	SHREEVATHSA M L	Shreevathsa M.L
117.	4JN16CS094	SHUBHAVI B R	Shubhavi B.R
118.	4JN16CS095	SINCHANA B	Sinchana B
119.	4JN16CS099	SONIKA V	Sonika V
120.	4JN16CS100	SPOORTHI M P	Spoorthi M.P
121.	4JN16CS101	SPOORTHY M	Spoorthy M
122.	4JN16CS102	SUCHETAN J	Suchetan J
123.	4JN16CS103	SUHAS BHARADWAJ K	Suhas Bharadwaj K
124.	4JN16CS105	SUPRIYA S KATTE	Supriya S.Katte
125.	4JN16CS108	SURYA S	Surya S
126.	4JN16CS109	SYEDA SABHA SIMRA	Syeda Sabha Simra





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Department of Computer Science and Engineering

127.	4JN16CS112	THANMAYEE T G	thanmayee T G
128.	4JN16CS113	THANUJA P C	Thanuja P.C
129.	4JN16CS114	TULASI D S	Tulasi
130.	4JN16CS115	ULLAS C	Ullas C
131.	4JN16CS116	VAISHAK M B	Vaishak M B
132.	4JN16CS117	VAISHANAVI M SAJJAN	AB
133.	4JN16CS119	VIDYA H G	vidya H.G
134.	4JN16CS120	VIGNESHA B R	Vignisha B R
135.	4JN16CS121	VISHWANATH N P	Vishwanath N P
136.	4JN16CS123	ZAIBA KHANUM	Zaiba
137.	4JN16CS124	KRUPA C	Krupa.C
138.	4JN16CS125	MADHURA BHAT	Madhura
139.	4JN16CS126	MEGHANA V	Meghana V
140.	4JN16CS129	SUSHMA S	Sushma S
141.	4JN16CS131	MANAMOHAN G WALI	Manamohan
142.	4JN16CS132	ANAGHA V BHARADWAJ	Anagha
143.	4JN17CS402	BI BI HAFSA	Bi Bi Hafsa
144.	4JN17CS403	CHAITHRASHREE R	Chaithrashree R
145.	4JN17CS407	GANGA G	Ganga G
146.	4JN17CS412	HUSNA AFREEN	Husna Afreen
147.	4JN17CS416	POOJA B N	Pooja B N
148.	4JN17CS418	RAMYA G T	Ramya G.T
149.	4JN17CS419	REVATHI H	Revathi H
150.	4JN17CS423	SUPREETHA SAAMAK N R	Supreetha saamak

  
Coordinator Signature

  
H.O.D.

**Dr. Nirmala Shivamogga**  
Professor and Head  
Dept. of Computer Science  
J.N.N. College of Engineering  
Shivamogga - 577206.



DATE: 04-05-2019

**PROCEEDING OF THE TECHNICAL TALK****ON****“INNOVATIVE PROJECT IDEAS AND PROFESSIONAL PRACTICES”**

COSMOS 2018- 2109 hosted a Technical Talk on “*Innovative Project Ideas and professional practices*” on 04.05.2019 for final year students of the department, and the talk is delivered by Mr. Karthik Shastry, Senior Software Engineer, Sakhatech Information System Pvt. Ltd., Bengaluru. The event is scheduled at 10.30 am. The venue where the event is arranged at AD Block Seminar Hall, JNNCE. Number of students were present 121, this session started with the welcome speech to welcome the gather by Mr. Narendra Kumar S., Assistant Professor, Dept. of CS & E, Chief guest has been introduced to the gathering by Dr. Jalesh Kumar, Associate Professor, Dept. of CS & E. formal inauguration of the event done by the Department HoD, Dr. Nirmala Shivananda.

HoD addressed the gathering about the importance of this technical 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.

He addressed the gathering starting from importance of computer science engineers in real world scenario, i.e the scientific study of computers and their usage like computation, data processing, systems control, advanced algorithmic properties, and artificial intelligence. The study of computer science includes programming, design, analysis and theory through the advanced SDK's for developing innovative projects which can be carried by the engineering students followed by the professional best practices to be carried i.e giving seminars, online context and writing CV to the students.

Session ended with Q&A. Finally the technical talk session concluded with the vote of thanks by Mrs. Pushpa R. N., Assistant Professor, Dept. of CS&E and the event is coordinated by Ms. Sreedevi S. and Mr. Narendra Kumar S., COSMOS – 2019 coordinators.

**Mr. Narendra Kumar S.**

Cosmos Co-ordinator

Asst. Professor

Dept. of CS &amp; E

JNNCE, Shivamogga

**Mrs. Sreedevi S.**

Cosmos Co-ordinator

Asst. Professor

Dept. of CS &amp; E

JNNCE, Shivamogga



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

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Date: 04-05-2019

## Feedback Form

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

### “Innovative Project Ideas and professional practices”

Sl. No	Feedback Questionaries'	Excellent	Good	Average	Poor
1	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?	✓			

Additional Comments:

Got an opportunity to familiarize with new technology



National Education Society(K)  
Jawaharlal Nehru National College of Engineering,  
Shivamogga  
Department of Computer Science and Engineering

Date: 04-05-2019

## Feedback Form

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

### “Innovative Project Ideas and professional practices”

Sl. No	Feedback Questionaries'	Excellent	Good	Average	Poor
1	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?	✓			

Additional Comments:



National Education Society @  
Jawaharlal Nehru National College of Engineering, Shivamogga, Karnataka  
(Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



**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: 04-05-2019

TO,

MR. KARTHIK SHASTRY,  
SENIOR SOFTWARE ENGINEER,  
SAKHATECH INFORMATION SYSTEM PVT. LTD.,  
BENGALURU


Dear Mr. Karthik Shastry,

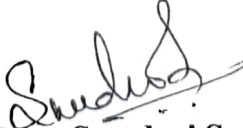
On behalf of the COSMOS, forum of Dept. of CS&E, we wanted to express our appreciation to you for as our speaker on "Innovative Project Ideas and professional practices". It was extremely informative, and the class size and participation illustrated the importance of this topic to students.

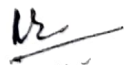
SAKHATECH INFORMATION SYSTEM PVT. LTD., BENGALURU is an excellent firm, and we appreciate your personally taking time to provide us with the timely information. The positive responses to the session are a reflection of SAKHATECH INFORMATION SYSTEM PVT. LTD.'s, BENGALURU acceptance and credibility within the software industry.

Once again, thank you for making the technical talk session successful, and we appreciate your continued support.

Sincerely,

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

  
**Mrs. Sreedevi S.**  
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Dept. of CS & E  
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**Dr. Nirmala Shivananda**  
Professor and Head  
Dept. of CS & E  
JNNCE, Shivamogga