



# A.C.S.COLLEGE OF ENGINEERING BENGALURU

(Affiliated to VTU, Belagavi, Approved by AICTE,  
New Delhi and Govt. of Karnataka)



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



# NEWSLETTER

**VOLUME- 6 ,ISSUE - 1**  
**ACADEMIC YEAR 2019-20**

### CHIEF PATRONS

**Dr. A.C. SHANMUGAM**  
Chairman, Moogambigai Charitable & Educational Trust  
Rajarajeswari Group of Institutions

**Sri A.C.S ARUN KUMAR**  
Vice Chairman  
Rajarajeswari Group of Institutions

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Executive Director  
Rajarajeswari Group of Institutions

**Dr. S. JAYABALAN**  
Special Officer  
Rajarajeswari Group of Institutions

**Principal**  
**DR. M.S. MURALI**  
ACS College of Engineering

**Chief Editor**  
**DR. V MAREESWARI,**  
Professor & HOD,  
Department of CSE

### EDITORS

**MRS.SUNITA CHALAGERI,**  
Assistant Professor, CSE

**MRS.,KAVITA K PATIL**  
Assistant Professor,CSE

**Mr. VINOTH KUMAR S**  
Assistant Professor, CSE



## ABOUT CSE DEPARTMENT

- The Department of Computer Science and Engineering was established in 2009 with an intake of 60. It has been increased to 120 in the year of 2017-18.
- Our department is having total area of -- 1994 sq meters.
- The department has spacious classrooms and a well-equipped computer labs, 2 servers all in a networked environment with un- interrupted power supply.
- Our Department is having smart class room, seminar Hall, Departmental Library , R&D, Language Lab.
- The institution offers Wi-Fi enabled high-speed Internet(60mbps) facility.
- The department is NBA accredited for 3 years (2016-2019) , NAAC accredited for 5 years with 'A' Grade (2016-2021) and also ISO certified.

### Vision

The vision of the Computer Science and engineering department is to provide excellence knowledge and enrich the problem solving skills of the students in the field of CSE with a focus to prepare the students for industry need, carry out research, recognized as innovative leader, responsible citizen and improve the environment

### Mission

- M1. Prepare the students with strong fundamental concepts, analytical capability, programming and problem solving skills.
- M2. Create An Ambience Of Education Through Faculty Training, self Learning Sound Academic Practices And Research Endeavors.
- M3: Provide opportunities to promote organizational and leadership skills in students through various extra-curricular and co-curricular events
- M4: To make the students as far as possible industry ready to enhance their employability in the industries
- M5: To improve department industry collaboration through internship programme and interaction with professional society through seminar/workshops.
- M6: Imbibe social awareness and responsibility in students to serve the society and protect environment

## PROGRAMME EDUCATIONAL OBJECTIVES

PEO1 : To provide the imperatives knowledge of science and engineering concepts fundamental for a computer professional and equip the proficiency of mathematical foundations and algorithmic principles for competent problem solving ability

PEO2 : To inculcate ability in creativity & design of computer support systems and impart knowledge and skills for analyse, design, test and implement various Software applications .

PEO3 : To exhibit leadership capability, triggering social and economical commitment and inculcate community services and protect environment

### Program Specific Outcomes

PSO1	Foundation of mathematical concepts	To use mathematical methodologies to crack problem using suitable mathematical analysis, data structures and suitable algorithm.
PSO2	Foundation of Computer System	The ability to interpret to fundamental concept and methodology of computer systems. Students can understand the functionality of hardware and software aspects of computer systems.
PSO3	Foundation of Software Development	The ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process. Familiarity and practical proficiency with a broad area of programming concepts and provide new ideas and innovations towards research.

### FACULTY DETAILS

PARTICULARS	QUANTITY
TEACHING FACULTY	17
COMPLETED Ph. D	4
PURSUING Ph. D	7

### STUDENT DETAILS

PARTICULARS	QUANTITY
I -YEAR	89
II - YEAR	91
III - YEAR	71
IV - YEAR	52

### FACULTY-PHD PURSUING

Sl No.	Name of the Faculty	Field	Guide
1	Mrs. Kavita Patil	WSN	Dr. T. Senthil Kumaran
2	Mrs. Sunita Chalageri	WSN	Dr. T. Senthil Kumaran
3	Mr.Krishna kumar	WSN	Dr. T. Senthil Kumaran
4	Mr.S.Vinoth kumar	Cloud computing	Dr.J.Amutharaj



## PhD- Awarded from our Research Centre



## PhD- Awarded from our Department



# LABORATORY DETAILS



DS & DAA LABORATORY



C PROGRAMMING LABORATORY



ANALOG AND DIGITAL ELECTRONICS LABORATORY



R & D



DBMS & CG & ML LABORATORY



MC & ES LABORATORY



NW & USP LABORATORY



SS & OS/CN LABORATORY

## List of Events Conducted in the Department

S.No	Name of the Conference/Webinar/ FDP etc. organized	Date-Month-Year	Resource Person with Designation
1	Seminar on Soft Skills And Business Communication	21-August-2019	Prof.Radhikaramesh, Associate dean for academics
2	Seminar on user interface design	24-Sept-2019	Ms.Farheenfarath , MD, Prinston Smart Engineering
3	Technical talk on Mobile Application	1-Oct-2019	Mr.Bertrans Russel, Founder/Director of X-value tech.Pvt.Ltd
4	Say No to Plastic –Under Unnat Bharat Abhiyan and NSS	01-Oct-2019	Dr.MS Shivakumar NSS programme officer, Dr,.Pradeep SM YRC programme officer ACSCE
5	Kannada Rajyothsava – 2019	1 Nov 2019	Mr.Hemanth Cultural Head
6	FDP on “Being the Best Teacher”	24-Jan-2020	Ms.Rekha,Placemen t
7	3days FDP on SIP	30th Jan-1stfeb 2020	Mr.ShivaShankar and Ms.Shivani Agarwal
8	Webinar on “Remote Learning For Academic excellent”	15th may 2020	Priyanaka Shroff, Project Manager IIT, BomBay Spoken Tutorial
9	Webinar on “introduction to web application development using php” remote learning	18th may 2020	JitendraSondur,Head of Development,Eduw ize



# List of Events Conducted in the Department

S.No	Name of the Conference/Webinar/ FDP etc. organized	Date-Month-Year	Resource Person with Designation
10	Webinar on “Yoga and Meditation”	20th may 2020	Mr. Suryakrsnathevar
11	Webinar on “Artificial Intelligence Boone or A Bane”	26th may 2020	Mr.AkashDammiaAlumini of ACS, Oracle India pvt ltd. General Electric Global Pvt.Ltd.
12	Webinar on “opportunities IT Hardware”	1 <sup>st</sup> june 2020	Mr. Mohammed Sheik Raja
13	Webinar on digital marketing	4 <sup>th</sup> june 2020	Mr. Mohammed Tarq Hussain
14	Webinar on “Employability Skill”	5 <sup>th</sup> june 2020	Leslie j Praveen kumar Assistant manager, (L&D) All sec technologies, and MR. duraibabu , senior manager (I&D) kone elevator India.
15	Career opportunities in IT and IES Sector	23 <sup>rd</sup> june 2020	Mr.Prakashkumar (senior advisor Dell) & D.Vishnu Prasad (state head Karanataka ICT Academy)
16	5days FDP on Data science and Dockers technology	29 <sup>th</sup> June to 3rd July 2020	Mr.Namahshivayam (application analyst) & Mr.Girish (Analyst) net app India pvt.ltd
17	Technical Talk On Microsoft Dynamics And Allied Technologies .	12-Feb-2020	Mr. Rajashekar Datta Roy, VP& Global Head Sonata Software

**WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20**



**Seminar on User Interface Design-5th Semester Students**

**WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20**



**Seminar on User Interface Design- 3rd Semester Students**

**WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20**



**Technical Talk on Mobile Application**



## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20




### Smart India Hackathon 2020

## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20



### 3 Days FDP on Student Induction Program

## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20



**ICTACADEMY Spoken Tutorials**


**ACS COLLEGE OF ENGINEERING**  
BANGALORE-74, KARNATAKA  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Webinar on**  
**“Remote Learning for Academic Excellence”**  
on 15th May 2020 at 3.00-4.00 pm  
**Resource Person**  
**Priyanka Shroff**  
Project Manager - IIT Bombay, Spoken Tutorials.  
Registration: <https://forms.gle/5NkohlAndIqQisYDJ8>  
Contact Us : Dr. Jyoti Metan, 9901499699, jyotimetan@gmail.com  
Mrs. Poonam Kumari, 9590515183, poonam.acsce@gmail.com

Activate Windows  
Go to Settings to activate Windows

## Webinar on Remote Learning for Academic Excellence

## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20




**ACS COLLEGE OF ENGINEERING**  
#207, Kambipura, Mysore Road, Bangalore – 560 074.  
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**Department of Computer Science & Engineering**


*PRESENT ONLINE WEBINAR ON*  
**Introduction to Web Application  
Development Using PHP**


Resource Person  
**Mr. Jitendra Sondur**  
Head of Development,  
Eduwize

**18<sup>th</sup>  
May  
2020**

 **9972948000  
9663025252**

Date: 18/5/2020 Time: 11:00 am to 12:00pm


 **Google Link**  
<https://forms.gle/mqxaS8CCn83pYJFy6>

 [kavita.patel3006@gmail.com](mailto:kavita.patel3006@gmail.com)  
[neethadas430@gmail.com](mailto:neethadas430@gmail.com)

Webinar on Introduction to Web Application Development Using php



**WEBINARS /SEMINARS/WORKSHOP CONDUCTED  
IN THE DEPARTMENT- 2019-20**





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**Department of Computer Science & Engineering**


**PRESENT ONLINE WEBINAR ON**  
**Yoga and Meditation**

**Resource Person**  
**Mr. Suryakrsna Thevar**  
Akshar Yoga Center  
Bangalore

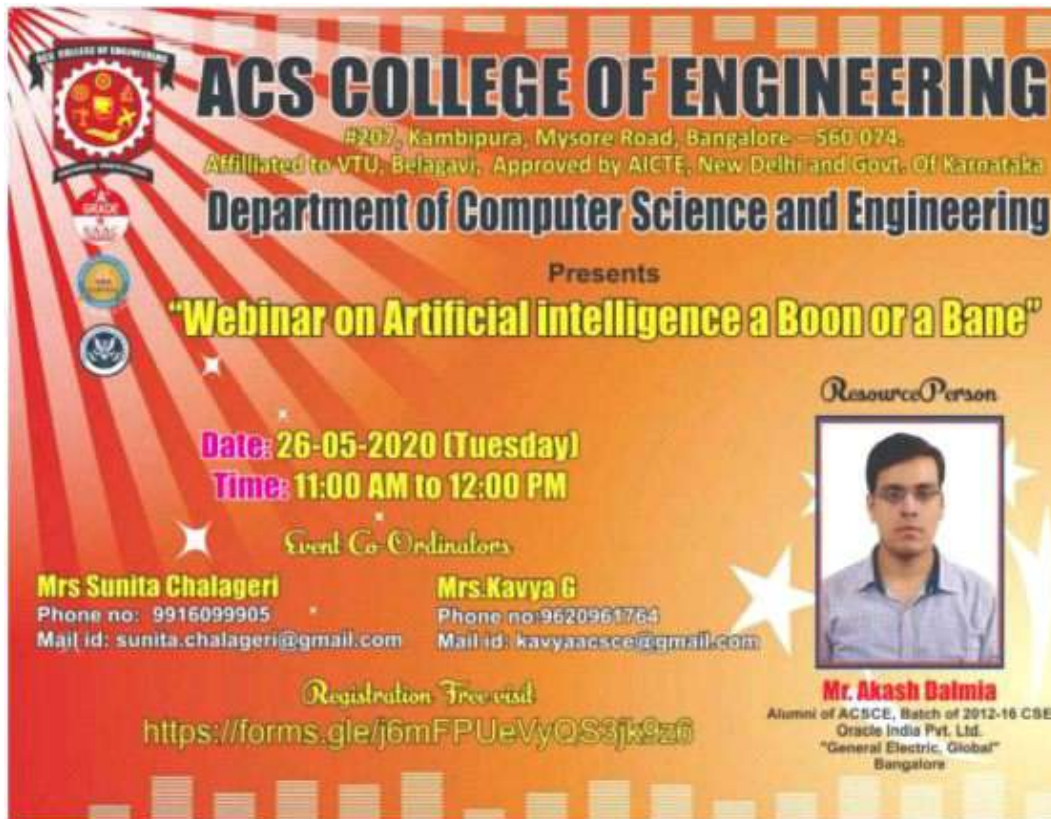


  
**9964144757**  
**9986079877**

Date: 20-05-2020 (Wednesday)  
Time: 11:00 AM to 12:00 PM  
Google Link  
<https://forms.gle/aXNTvTKf7iBcuFPK7>

  
pillai.cs5@gmail.com  
ayprasad26@gmail.com

WEBINARS /SEMINARS/WORKSHOP  
CONDUCTED IN THE DEPARTMENT- 2019-20




**ACS COLLEGE OF ENGINEERING**  
#207, Kambipura, Mysore Road, Bangalore – 560 074.  
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**Department of Computer Science and Engineering**

Presents  
**"Webinar on Artificial intelligence a Boon or a Bane"**

**Date: 26-05-2020 (Tuesday)**  
**Time: 11:00 AM to 12:00 PM**

Event Co-Ordinators  
**Mrs Sunita Chalageri**  
Phone no: 9916099905  
Mail id: sunita.chalageri@gmail.com  
**Mrs.Kavya G**  
Phone no:9620961764  
Mail id: kavyaacsce@gmail.com

Registration Free visit  
<https://forms.gle/j6mFPUeVyQS3jk9z6>

**Resource Person**  
  
**Mr. Akash Balmia**  
Alumni of ACSCE, Batch of 2012-16 CSE  
Oracle India Pvt. Ltd.  
"General Electric, Global"  
Bangalore

Webinar on Artificial Intelligence – A Boon or A Bane

## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20

**ACS COLLEGE OF ENGINEERING**  
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**Department of Computer Science & Engineering**

Present Webinar On  
**OPPORTUNITIES IN IT HARDWARE SECTOR**

Resource Person  
**Mr. Mohammed Sheik Raja**  
General Manager  
Partner-Power Tech Group of Companies  
Bahrain

Registration Free  
<https://tinyurl.com/IT-Hardware>

Event Co-Ordinators  
**Mrs. Sunita Chalageri**  
Ph: 9916099905  
Mail: sunita.chalageri@gmail.com

**Ms. Lakshmi Priya**  
Ph: 8550620387  
Mail: priyalakshmi@gmail.com

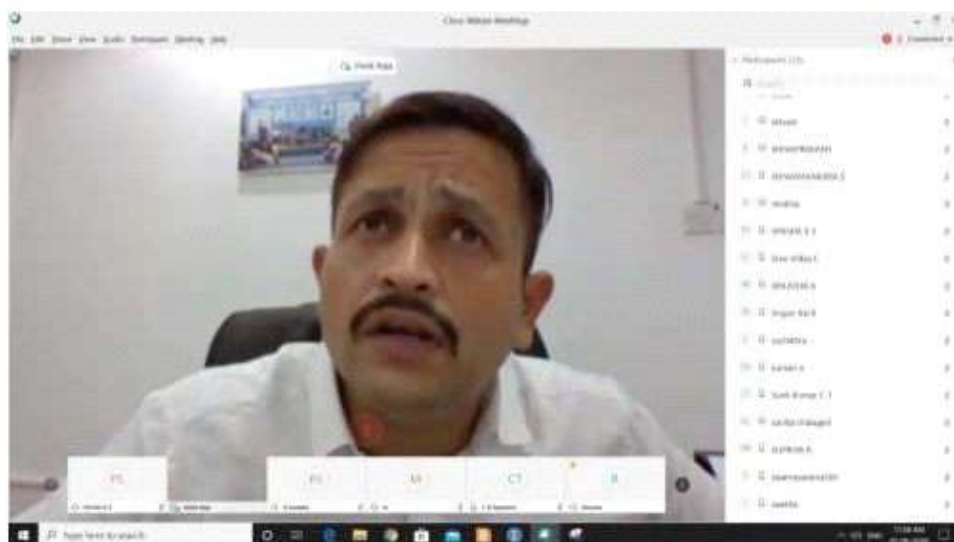
Head of the Institution  
**Dr. M.S. Murali**  
Principal

Organizer  
**Dr. V. Mareeswari**  
HOD  
Dept. of CSE

TIME  
11:30 AM TO 12:30 PM

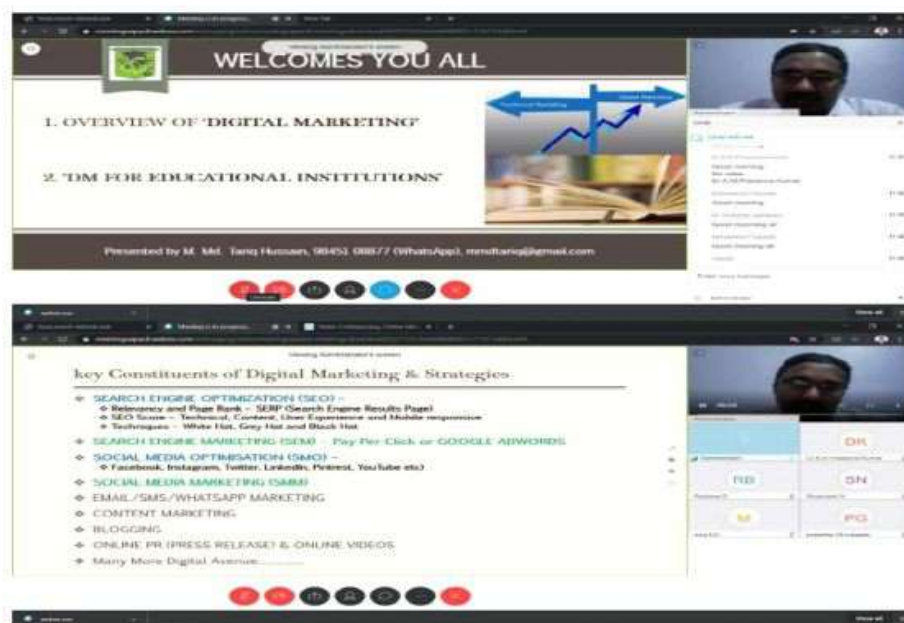
WOMEN EDUCATION PRODIGY

### Snapshots:





## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20



## Webinar on Digital Marketing - An Overview and Its Effectiveness for Educational Institutions



## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20



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**Department of Computer Science and Engineering**

**PRESENTS WEBINAR ON**  
**"Employability Skills"**

Icons representing skills: Communication, Creativity & Innovation, Problem Solving, Professionalism, Teamwork, Use of Tools & Technology, Problem Identification & Solution.

Registration Free  
<https://forms.gle/n2Fn4Ro5Z7TmFoeB9>  
\*E-Certificate will be issued

**Date: 05-06-2020 (Friday) Time: 11:00 AM to 12:00 PM**

**Guest Co-Ordinators**  
**Dr. Jyoti Sankar**  
Phone no: 9861499891  
Mail id: jyotisankar@gmail.com

**Organizer**  
**Dr. V. Maheswari**  
HOD  
Dept. of CSE

**Head of the Institution**  
**Dr. M.S. Muruli**  
Principal

**Resource Person**  
**Mr. Leslie J Praveen Kumar**  
Assistant Manager (L&D)  
Aisec Technologies

**Mr. Durai Babu**  
Senior Manager (L&D)  
Kone Elevator India



**Skycampus** **POWER SEMINAR** **ICTACADEMY**

Exclusive Virtual Power Seminar on

**EMPLOYABILITY SKILLS FOR**  
**THE FUTURE**

**05 Jun 2020 - 11:00 am - 12:00 pm**

**Speakers**

**Leslie J Praveen Kumar**  
Assistant Manager (L&D)  
Aisec Technologies

**Durai Babu**  
Senior Manager (L&D)  
Kone Elevator India

**D Vishnu Prasad**  
State Head Karnataka  
ICT Academy

Hosted by

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## WEBINARS /SEMINARS/WORKSHOP CONDUCTED IN THE DEPARTMENT- 2019-20

Brochure for webinar



Webinar on Career Opportunities in IT & ITES Sector

# Student Achievements

Sl.No	Name of the student	year	Event	Organization	Award if any
1	Rudrapat Singh	2019	Inter collegiate zonal tournament	VTU	RUNNER UP
2	Nandan M	2019	Presented paper in 2nd national conference on “ recent advances in engineering and management”	AIEMS	Participant
3	Nandan M	2019	NEC Start Up Entrepreneurship Summit-2019	National Engineering College Kovilpatti, Tamil Nadu	Participant
4	Amulya	2019	Nec Start Up Entrepreneurship Summit-2019	National Engineering College Kovilpatti, Tamil Nadu	Participant
5	Aaqub Jawed	2019	NPTEL Online Certification course	NPTEL	Elite
6	Bhavana G	2019	NPTEL Online Certification course	NPTEL	Elite
7	Shirisha K	2019	NPTEL Online Certification course	NPTEL	Elite
8	Pushpa S	2019	Traing on campus to coorporate	IBS Business School	Participant
9	Yashaswini S	2019	Traing on campus to coorporate	IBS Business School	Participant
10	Sahana T N	2019	Traing on campus to coorporate	IBS Business School	Participant
11	Tejeswini	2019	Traing on campus to coorporate	IBS Business School	Participant
12	Aaqub Jawed	2019	Completed The Training On Web And User Interface Development	Prinston Smart Engineers	Participant
13	Aman Raj	2019	Introduction to Programming in C	NPTEL	Elite



# Student Achievements



**ACS College of Engineering**  
Approved by AICTE New Delhi, Affiliated to VTU, Belagavi  
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CET Code : E186 COMED-K : E003 PG CET : T918



**Department of Computer Science and Engineering**



I am so glade that my college has given me and my friends an opportunity to present our ideas on start-ups at inter college competition at KOVELPATTI, Tamil Nadu.

I was very enlightened on hearing that our project was awarded the best and won us Rs. 14,000/-



# Student Achievements



**ACS College of Engineering**  
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CET Code : E186 COMED-K : E903 PGCET : T918



**Department of Computer Science and Engineering**

## NPTEL Silver medalist of CSE Department

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**SIRISHA K**  
for successfully completing the course  
**Programming In Java**  
with a consolidated score of **78 %**

Online Assignments	22.25/25	Programming Exam	25/25	Practical Exam	30/30
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Total number of candidates certified in this course: 3826

**A. GOSWAMI**  
Prof. Anil Kumar  
Dean, Learning Support & NPTEL, Coordinator  
of Program

Jul-Aug-2019  
(3 week course)

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**AAQIB JAWED**  
for successfully completing the course  
**Data Base Management System**  
with a consolidated score of **89 %**

Online Assignments	21.15/25	Practical Exam	38.5/75
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Total number of candidates certified in this course: 3475

**A. GOSWAMI**  
Prof. Anil Kumar  
Dean, Learning Support & NPTEL, Coordinator  
of Program

Jul-Sep-2019  
(2 week course)

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**BHAVANA G**  
for successfully completing the course  
**Data Base Management System**  
with a consolidated score of **76 %**

Online Assignments	19.17/25	Practical Exam	53/75
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Total number of candidates certified in this course: 3475

**A. GOSWAMI**  
Prof. Anil Kumar  
Dean, Learning Support & NPTEL, Coordinator  
of Program

Jul-Sep-2019  
(3 week course)

Indian Institute of Technology Madras  
Roll No: NPTEL19CS404114002

To validate and check scores: <https://npel.ac.in>

Indian Institute of Technology Madras  
Roll No: NPTEL19CS404114002

To validate and check scores: <https://npel.ac.in>

# Student Achievements



**ACS College of Engineering**  
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(A Unit of RajaRajeswari Group of Institutions)  
CET Code : E186 COMED-K : E003 PG CET : T918



## Department of Computer Science and Engineering



*I've failed over &  
over in my life &  
that's why i  
succeeded.*

*thanks to my  
College*

## ACS College of Engineering

Kambipura, Mysore Road, Bangalore – 560 074  
Ph: +91-80-29748222, 080-29748333 080-29748777  
Principal No.: 080-29748999  
[admission@acsce.edu.in](mailto:admission@acsce.edu.in)

## ACADEMIC ACHIEVEMENTS – MOU

S.NO	Name Of the Company	Signed On
1	National cyber safety and security standards	29/8/2018
2	UC Berkeley	24/11/2018
3	Redhat	03/01/2019
4	Pongu Ventures	23/01/2019
5	IIT Bombay	7/6/2019



# PLACEMENT DETAILS



# PLACEMENT DETAILS

*Innovating Young Minds !!!*



## Students Placement Details

Sl.No	Student Name	USN	Name of the Company
1	Aishwarya P	1AH16CS001	Pentagon Space Pvt Ltd
2	Anjali J Murthy	1AH16CS003	NTT DATA, Whitehat Jr
3	Bhavya M U	1AH16CS007	Freenkart
4	Charan T R	1AH16CS009	NTT DATA, Infosys
5	Dhanush C	1AH16CS012	Freenkart
6	G Bhavesh	1AH16CS016	Freenkart
7	Spruthi M N	1AH14CS034	Advanced people, partnersh
8	Chethan M K	1AH15CS014	Promantus
9	H Keerthana	1AH16CS017	QUESS
10	Keerthana N	1AH16CS019	Freenkart
11	Keshava U	1AH16CS020	NTT DATA
12	Koil Raj M	1AH16CS021	Endurance
13	M S Meghana	1AH16CS025	Cognizant
14	Praveen S	1AH16CS028	Team HR
15	Preetham Rao B	1AH16CS029	Best call center

## Students Placement Details






Sl.No	Student Name	USN	Name of the Company
16	Raghavendra K	1AH16CS031	Freenkar
17	Sachin Rao S	1AH16CS034	NTT DATA
18	Sahana T N	1AH16CS035	Perfaware India Pvt Ltd.
19	Shamanth N	1AH16CS036	NTT DATA
20	Sheik Nawaz S	1AH16CS040	INFOSYS
21	Shreya P	1AH16CS041	Atos Syntel
22	Soniya B M	1AH16CS042	QUESS
23	Sunil Kumar C T	1AH16CS046	INFOSYS
24	Tejas Kumar Y	1AH16CS048	BYJUS
25	Vidyashree N	1AH16CS050	Freenkart
26	Vinutha N	1AH16CS053	Knowx
27	Kruthika J	1AH16CS054	zycus
28	Viraja H V	1AH16CS055	QSPIDERS
29	Sandhya K	1AH16CS058	Freenkart
30	Tejaswini	1AH16CS059	Saggezza India Private Limited
31	Pushpa S	1AH16CS060	SquareYards

## Students Placement Details

Sl.No	Student Name	USN	Name of the Company
32	Abdul Hoseeb	1AH15CS001	Freenkart
33	JatteshRajendra	1AH15CS019	Six30Labs
34	Yashaswini	1AH17CS401	LogiSoftware India Private Limited.
35	Banupriya T	1AH16CS006	Accenture Solution PVT
36	Dilip B S	1AH16CS014	Accenture Solution PVT
37	Prajwal Joshi	1AH15CS036	Anunta Technology Management Services Ltd
38	Shashank C	1AH16CS039	Smart work coworking PVT LTD, skiploop
39	Niranjan	1AH16CS027	SSDB tech Services Pvt Ltd
40	Shanthanu Raj	1AH16CS037	Vaishnavi Systems and Solutions
41	Pruthvish B K	1AH15CS010	Vaishnavi Systems and Solutions
42	Punith S	1AH16CS030	QUESS
43	Rohidas Rama	1AH16CS033	LEAN Worx
44	Sushama M R	1AH16CS047	umlavt
45	Vanitha B S	1AH16CS053	Skiploop
46	Prasanth S	1AH16CS038	CharlesSmith



★★ Out of 52 students 44 got placed(2016 Batch) ★★

Company Name		No . of students placed
	Infosys	4
	Huawei Technologies	3
	NTT Data Services	6
	Knowx Solution	1
	Cognizant	1

★★ Out of 52 students 44 got placed ★★

Company Name		No . of students placed
	<u>Hudl</u> India Pvt. Ltd.	6
	Q Spiders	3
	<u>Byju's</u>	1
	Pentagon Space Pvt. Ltd.	3

★★ Out of 52 students 44 got placed ★★

Company Name		No . of students placed
	Sonata Software	1
	Atos Syntel	1
	Freenkart Solutions Pvt. Ltd.	12
	ZYCUS Infotech	1
	ENDURANCE international Group	1

Activ

## ACADEMIC ACTIVITIES – STUDENT TOPPERS

NAME		BATCH
	Sohini	2015-2019
	Aishwarya G	2014-2018
	VarshaK	2013-2017
	Akash Dalmia	2012-2016
	Roja	2011 - 2015
	Sangeetha D	2010 - 2014
	yashashwini	2009 - 2013





# FACULTY PUBLICATIONS

SL.NO	NAME	TITLE	SCOPUS	WEB OF SCIENCE	GOOGLE SCHOLAR	YEAR	INTERNATIONAL JOURNAL TITLE
1	A.Y Prasad., Rayanki B.	A generic algorithmic protocol approaches to improve network life time and energy efficient using combined genetic algorithm with simulated annealing in MANET	YES	YES	YES	2019	International Journal of Intelligent Unmanned Systems
2	Raviprakash M L., C S Pillai	Histogram Specification and Kalman Filter with Euclidian distance Technique for identification of Human in the video Surveillance systems			YES	2019	International Journal of Research and Analytical Reviews
3	Patil S., Mareeswari V., Amogh G., Giridhar M.S.	Bus alert system for blind in real-time environment	YES		YES	2019	Lecture Notes in Networks and Systems
4	Jaya R., Pillai C.S., Kannan R.J.	Hybrid fuzzified fish school search based learning method for prakriti analysis	YES			2019	Journal of Advanced Research in Dynamical and Control Systems
5	Ananda Kumar K.S., Balakrishna R., Prasad A.Y.	Implementation of ITREE-MAC protocol for effective power management and time synchronization in wireless sensor networks	YES		YES	2019	International Journal of Innovative Technology and Exploring Engineering
6	Metan J., Narashinha Murthy K.N.	N-tier modelling of robust key management for secure data aggregation in wireless sensor network	YES		YES	2019	International Journal of Electrical and Computer Engineering
7	Raviprakash M.L., Pillai C.S., Ananda Babu J.	Object recognition using Lucas-Kanade technique and support vector machine based classification in video surveillance systems	YES			2019	International Journal of Engineering and Advanced Technology
8	Shakunthala B.S., Pillai C.S.	Enhanced Text Line Segmentation and Skew Estimation for Handwritten Kannada Document	YES			2019	International Journal of Innovative Technology and Exploring Engineering
9	Shakunthala B.S., Pillai C.S.	Unconstrained Handwritten Text Line Segmentation for Kannada Language	YES			2019	International Journal of Innovative Technology and Exploring Engineering

## FACULTY PUBLICATIONS

SL.NO	NAME	TITLE	SCOPUS	WEB OF SCIENCE	GOOGLE SCHOLAR	YEAR	INTERNATIONAL JOURNAL TITLE
10	Sabitha S., Pradeep B.S.	A Comparative Study Of Different Ontology-based Learner Models For Personalized E-learning Systems	Yes			2020	International Journal Of Control And Automation
11	Mareeswari V., Patil S.S., Lingraj, Upadhyaya P.	A Novel Approach To Identify Facial Expression Using CNN	Yes		Yes	2020	Lecture Notes In Networks And Systems
12	Sunita S Patil., V Mareeswari., V Chaitrapuneet Singh	Recognition Of Handwritten Digits With The Help Of Deep Learning	Yes		Yes	2020	Part Of The Lecture Notes Networks And Systems
13	Ramiseti Uma Maheswari., V Mareeswari	A Comparative Method Of Iot Architectures, Challenges, Privacy And Security Issues			Yes	2020	Journal Of Critical Reviews
14	Kuruva Kalyan Kumar., V Mareeswari	A Comprehensive Overview On Applications Of Internet Of Everything In Diverse Fields			Yes	2020	Journal Of Critical Reviews
15	S Vinothkumar., J Amutharaj, S Jeyabalan	A Comprehensive Study Of Cryptography And Key Management Based Security In Cloud Computing			Yes	2020	Journal Of Critical Reviews
16	Bekele Worku., Kadir Salih Siraj, K S Ananda Kumar., Balakrishna R., Prasad A Y	Development Of Integrated Iot Application On Vehicle Tracking, Traffic Monitoring And Vehicle Theft		Yes	Yes	2020	International Journal Of Future Generation Communication And Networking

## FACULTY PUBLICATIONS

Sl.No	Name	Title	Scopus	Web Of Science	Google Scholar	Year	International Journal Title
17	Narendra U.P., Prabhakar M., Pradeep B.S.	Framework For Knowledge Management On Education	Yes			2020	International Journal Of Advanced Science And Technology
18	Mathapathi M., Pati K.K., Manjushree G., Kavitha., Namratha N.M.	Predicting Yield Of Crop And Detecting Fertilizer Efficiency	Yes		Yes	2020	Journal Of Critical Reviews
19	Mathapati M., Kumaran T.S., Muruganandham A., Mathivanan M.	Secure Routing Scheme With Multi-dimensional Trust Evaluation For Wireless Sensor Network	Yes	Yes	Yes	2020	Journal Of Ambient Intelligence And Humanized Computing
20	R Jaya., C S Pillai, R Jagadeesh Kannan	Query Optimisation With Weighted Fish School Search In Ontological Database With Application Of Bioinformatics	Yes		Yes	2020	International Journal Of Medical Engineering And Informatics
21	H N Veena., A Muruganandham., T Senthil Kumaran	A Review On The Optic Disc And Optic Cup Segmentation And Classification Approaches Over Retinal Fundus Images For Detection Of Glaucoma	Yes	Yes	Yes	2020	SN Applied Sciences
22	Chethan Chandra S Basavaraddi, Raviprakash M L., C S Pillai, Sapna S Basavaradd	Face Recognition From Feed Forward Neural Network Using Occluded Images For Automating The Surveillance Using Hybrid Neuro Fuzzy Network			Yes	2020	International Journal Of Engineering Applied Sciences And Technology
23	Mahantesh Mathapati, T Senthil Kumaran., K H Shiva Prasad., Kavita Patil	Framework With Temporal Attribute For Secure Data Aggregation In Sensor Network	Yes	Yes	Yes	2020	SN Applied Sciences
24	Sunitha Chalageri., Amulya C Gowda., Bhavana G V	Image Recognition In Data Science			Yes	2020	Open Access International Journal Of Science And Engineering
25	Mahantesh Mathapati, T Senthil Kumaran., A Muruganandham., M Mathivanan	Mahantesh Mathapati , T. Senthil Kumaran , A. Muruganandham &	Yes		Yes	2020	Journal Of Ambient Intelligence And Humanized Computing

## No of FDP/Workshops attended by Faculty

Sl. no	Name of the faculty	Title of the Book/ Chapter
1	Dr V Mareeswari	5
2	Dr T Senthil Kumaran	5
3	Dr C S Pillai	3
4	Dr Prasanna E	1
5	Kavitha K Patil	5
6	Sunitha chaegeri	5
7	A Krishna kumar	2
8	S Vinoth Kumar	5
9	Kavya G	3
10	Neetha Das	3
11	Aswini S	2
12	Christlin Shanuja	3
13	Lakshmipriya P	5
14	Dr Jyothi Metan	4
15	Dr Prasad A Y	3
16	Poonam Kumari	2



## Faculty NPTEL course

SL.No	Name of the Faculty	Course	Year	Result
1	Dr. T Senthil Kumaran	Programming In C++	Jan-Mar 2019	Elite+Silver
2	Dr. T Senthil Kumaran	Patent Drafting for Beginners	Sep- Oct 2020	Successfully Completed in the course
3	Dr. T Senthil Kumaran	Accreditation and Outcome Based Learning	Aug-Oct 2019	Elite+Silver
4	Mrs. Kavita K Patil	Patent Drafting for Beginners	Sep- Oct 2020	Successfully Completed in the course

## Higher Studies Details

SL.NO	Student Name with USN	Program graduated	Program joined	University
1	Deepak Yadav (1AH16CS010)	UG(CSE)	ME-CSE	Chandigarh University
2	Deepankar Sharma (1AH16CS011)	UG(CSE)	CS	Birla Institute of Technology and science



# **A.C.S.COLLEGE OF ENGINEERING BENGALURU**

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. of Karnataka)

## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**