



# SHIRDI SAI ENGINEERING COLLEGE

AN ISO CERTIFIED INSTITUTION

Sai Leo Nagar, Samandhur (PO), Anekal, Bangalore - 562 106.



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Volume : 01

Edition : 01





### *Message from Chairman*

We are now living in a dynamic and the borderless world. Because of the rapid development in science and information technology, the boundaries are fast dissolving. The change is often taking place in all the sectors that compelled the organisation to be a Learning centers. In the present scenario, communication is the keyword. There is also an unwitting dilution of academic programmes that needs to be rectified.

Therefore the institution imparting education, particularly technical education to the students, should strive hard to make learning a continuous process to endow empowerment among the stakeholders. Publishing this college news letter "MINCHU" is an attempt to involve the students and teachers in the process of learning to build the empowered society. I express my deep sense of gratitude for the editorial board for publishing the college news letter "MINCHU".

I wish that the news letter will come out with the galaxy of enlightening articles and that provide an effective forum to the creative talents.

**Sri. M. Jothiprakasham @ MJF. Ln. Leo Muthu**  
Chairman, Sapthagiri Educational & Charitable Trust)



### *Message from Secretary*

I am happy to learn that the Institute has taken a keen interest in bringing out a news letter "MINCHU". This news letter will help thousands of students and the faculty in understanding the changes that takes place in the present day corporate sector. I wish that the news letter editorial Board will include the quality information and research oriented articles to help the students in learning new things. Of course it gives me an immense pleasure in sharing my thoughts on this auspicious occasion of launching college news letter named "MINCHU"

I am sure, this news letter, besides being a noble initiative, will be highly beneficial to the student community.

I wish this venture all success.

**Sri. M. Vasu**  
Secretary



### *Message from Principal*

I am indeed very happy to put my heart full congratulations to the editorial board, staff and students who put their effort in bringing out premier news letter "Minchu" of the college during this academic year 2007-08. I am very sure, the newsletter "Minchu" will definitely convey the message to all readers, the activities being organized to exhibit the talents and achievement of the staff and students. Globalization is the order of the day, which needs competitiveness, creativeness and hard work to enter in to the international market. One should develop attitude towards exploration and experimentation as important parameters for their presentation. Training of human resources is one of the principal factors in achieving sustainable economic and social development. This kind of form gives opportunities to the young minds to accelerate their thinking to exhibit their talents.

**Dr.T.V.Govindaraju**  
Principal



## ISO CERTIFICATION

It's a day of pride for our Institution when we were awarded the **ISO 9001:2000** certificate for the Quality Management System prevailing at our Institution. The certification was awarded by M/S Bureau Veritas and is accredited by **UKAS & ANAB**. The certification audit was done by three auditors of Bureau Veritas. By maintaining quality systems & procedures, we could be able to get the ISO certificate directly recommended without any Non-Conformances. We whole heartedly congratulate our HODs and staff for their dedication & team spirit in making this remarkable achievement. Also, we congratulate **Dr. B. Shadaksharappa** & team for their excellent coordination and support in getting the certification.



**Mr. R. Arun Kumar**  
Management Representative

## The Editorial Board

**Chief Editor :** **Dr. T.V. Govindaraju**  
Principal

**Editor :** **Dr. B. Shadaksharappa**  
Prof & Head, Dept. of CSE

**Co-Editor :** **Mr. H. Girish**  
Lecturer, Dept of Mechanical Engg.,

**Members :** **Mrs Srivani Y**, Lecturer, Dept of CSE  
**Ms. P. Gangavathi**, Lecturer, Dept of Mathematics  
**Mr. P.Venugopal**, Lecturer, Dept of ECE  
**Mr. V.S. Bharath**, Lecturer, Dept of EEE

## The Editorial



This "MINCHU" promises to transform and enrich your lives; you are now empowered by holding "MINCHU" in your hands.

The word "MINCHU" in Kannada language, symbolises transformation of light into energy leading towards enrichment and empowerment. This of course, is a splendour achievement contributed by all the dedicated members of the Institute.

Today, Educational Excellence is a momentum and basic skills like reading, writing and mathematics shall remain 'the core of any curriculum'. The abilities built and developed on this foundation, continue to change within our dynamic society. Often, people fine tune these changes continually and they beyond doubt, turn to education for assistance and for reassurance about their distinct future.

The very change that occurs in all aspects and levels of the educational process, affects the people involved i.e., not only the students, teachers, parents, administrators but also the community members at large. This evolving and dynamic process requires constant communication and evaluation as it has wider implications on curriculum, instruction, assessment and professional development. Such process challenges the facilitator to help participants develop specific new skills and knowledge, and yet keep intact those related to the big picture of change.

The demand of higher expectations from industry for more versatile engineering professionals is ever increasing and to fulfil this demand, would be more challenging for academic institutions in the years to come for number of reasons. Therefore, besides inculcating the required skills and knowledge in engineering, we are trying to groom these young boys and girls through various means into being responsible, sensitive and thorough professionals to enable them provide better engineering solutions to mankind.

It has taken a lot of time and effort from the members of the Editorial to compile the information published in this News Letter and we hope you find it both useful and informative. This amazing success was possible due to unstinted support and continued patronage by the Proactive management and our Beloved Principal of the Institute. We also acknowledge the guidance and mentorship provided by our dedicated and committed staff, who have untiringly contributed in publishing this News Letter. Any lacune remaining shall be taken care of in our next issue. Suggestion and constructive criticism from readers are always welcome.

I express my gratitude and heartfelt thanks to all of you for reposing faith in my capabilities and giving me the responsibility as the Editor for our esteemed News Letter.

**Dr. B. Shadaksharappa**  
Professor & Head  
Department of Computer Science & Engg.

## Engineers Day...

The Engineers Day was celebrated on September 15, 2006. The Chief Guest, **Dr.S.S.Prabhu**, Professor, IITB, lit the lamp and gave a floral tribute to, **Late Sir M.V. Visvesvaraya**, a legendary engineer. As a part of the Engineers' Day celebrations, presentations were made on "Role of engineers in natural disaster mitigation and management", by our students.



Staff & Students of  
**Shirdi Sai Engineering College**  
whole heartedly Congratulate  
**Prof. Dr. S. Seetharaman**  
who assumed charge as  
Dean (Technical)  
**Sai Ram Group of Institutions**

## TEACHER'S DAY



A good teacher is like a candle - He consumes himself to light the way for others.

Time to honour the people in the Noblest Profession....

Our Management believes that, Inspiration from people in the noblest profession of teaching is the only ray of hope, for an otherwise dark educational scene in India today. Hence Our Management has a tradition of giving a special status to teacher by honoring them.

## INDUCTION DAY



Time to invite  
aspiring young  
Guys & gals into the  
field of **Engineering.....**

Chief Guest **Sri. T. R. B.Rajaa**, Chairman, Kings College of Engineering & Special Invitee **Dr.K.Venkatesh**, Special Officer, VTU along with our Shirdi Sai Family whole heartedly wished & invited the aspiring young budding engineers.

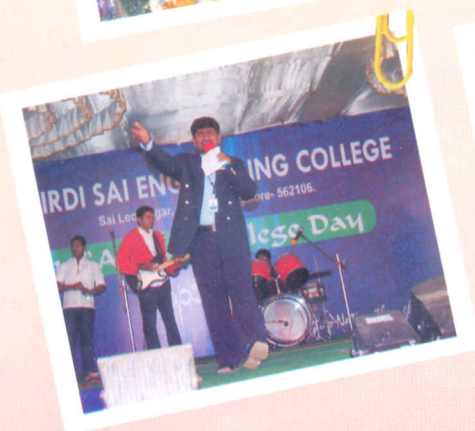
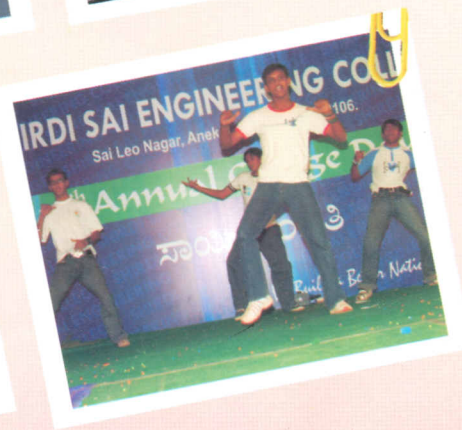
Top Rank holders & all the students who have been placed in the Fortune 500 companies were honored by our management.



The Management, Staff & Students  
Whole heartedly Congratulate  
**Mr.Shivaraj Angadi**, Lecturer, Dept of ECE  
**Mr.Rajesh**, Lecturer, Dept of CSE  
on Completion of their M.Tech  
&  
**Miss.Prathiba.S**, Lecturer, Dept of Maths  
on completion of M.Phil

# College Annual Day...

The most energetic day in our college, the College ANNUAL DAY "Sai Samskruthi", was held on 5th April 2007. In the Presence of our Honorable Chairman Sri.M.J.F.Ln Leo Muthu, & Guest of honor Sri.J Parthasarathy, Director Software technology Parks of India, Bangalore, Chief guest Sri.Yogesh Kumar, Former Director-(LCA) HAL, Managing Director Shobha Aviation & Engineering Services Pvt. Ltd., released our college magazine "Sai Spandana". It was the most memorable time for us as our website re-designed by our students was Launched by our Honorable Chairman. A crew of Students entertained the crowd by their unlimited talents.



## SPORTS DAY



A culmination of a yearlong sports activities is reached with the Sports day with finals of remaining events followed by the prize distribution of all events. The SSEC grounds come alive as the students cheer their friends who hold high the flag of sportmanship and competitive spirit through the various events from team sports to individual ones. Apart from that, a cricket match was organized b/w Teaching & Non Teaching staff.



## Kabaddi Tournament

### Kudos Guys....

These were the words of appraisal heard everywhere, on winning the Runners title in the Tournament.

## Bravo Shirdi Sai...

Yes.... The college has successfully hosted "3 days Single Zone VTU KABADDI Tournament" in the campus from 7th - 9th of May 2007. All the participating colleges appreciated the way it had been organized.



## Keep Going Guys....

**Shishira, Bhavana, Rathore, Harikrishna, Prakruthi, Sathyan, Karthik, Prashanth, Ditin, Raghuram**

Congratulations for flying our

**College Flag** High up in VTU Athletic Meet



*Wish Ur Best Half...*

*Brings You the Best of Happy Times...*

Mr Maghalengam K, Lecturer, Department of Mechanical Engg.,

Smt.Kalpna, Lecturer, Department of ECE

Mr Venugopal P, Lecturer, Department of ECE

Mr Ramakrishnan K, Assistant Civil Supervisor

Mr H Ravikumar, Attender, Department of ECE



## Lets Know our Principal



### Tell us about u Sir?

Straightforward, expect my associates to be expressive in the same way.

### About your educational background Sir

Completed my Graduation in Mechanical Engineering from MCE, Hassan, Mysore University, Post Graduation & Doctorate degree from UVCE, Bangalore University

### Tell us about your family

Myself, my graduated wife & only daughter doing her engineering graduation in Computer Science & Engineering

### Can you share your memorable events during college days?

A bicycle ride in the early morning in the cold weather from my hostel to college, 26 days education tour which covered major parts of India, the visit to ship building yard in Bombay... still more...

### Your Hobbies?

Reading Books, Browsing & collecting useful information, documentation, watching T V & listening to light music & old songs.

### What made you choose teaching profession?

Immediately after my graduation, I started teaching, the interest shown by my students in that college, visiting my residence for academic guidance/clarifications made me to continue in teaching & serve student community.

### Who is your Role model?

My teachers, Prof.Gopinath Gargesa, Project guide & Prof.Silas Lwakabamba, Rector, Kigali Institute of Science & technology

### What obstacle you faced to get Doctorate?

Ho! This is where I really faced lot of obstacle during my doctoral work, as major part of my work was experimental. Procurement of material for models, fabrication of moulds, test rig & temperature controlled furnace, etc..

### How do u feel when you see your student occupying a high Dignitary position?

I really feel proud, one such great personality is Anil Kumble, he was my student in RVCE, Bangalore and many more...

### How do you feel to be associated with our college?

I have worked for few colleges in Bangalore. The work satisfaction I have got & the associates support is the best in this college. The Management is supportive for the development of the institution & making this to be the centre of excellence

### Suggestions & guidelines to the students & teaching community

Mainly my dearest & loving ones are my students, I appeal to them to be regular, punctual & put hard work to bring laurels to all having hopes with them. Teachers, not only teach the academics but try to develop the overall personality of the students.

- Interviewed by  
H.Girish

## ALUMNI MEET

### Memories Never Fade...

The Premier Alumni Meet "SAVINENAPU" was held on September 10th, 2006 at Nandana Party Hall in Bangalore. It was the moment of mixed feeling of joy & get togetherness when the old friends met after a long time....

A Whole Hearted thanks to Girish & his Team for their extraordinary efforts for building up the Alumni Association.





# Technical Association



Computer Science Engineering



Mechanical Engineering



Electronic Communication Engineering



Electrical & Electronics Engineering

Painstaking efforts are being made by the Technical Associations of all the departments to organize guest lectures, seminars, workshops and project exhibition. This academic year many guest lectures, Technical seminars are conducted from the experts from various sectors of industry and institute.

## N.S.S.

Service....



Service....

Rural Development & awareness is the mantra of our NSS Team led by **Mr. Divyakanth**. They are moving Successfully towards their goal by organising Blood donation camp, awareness Jatha's & 10 day special camp in villages... This is bringing our institution closer to the society.

## Details of Paper Presented by the faculty at National & International Conference

Sl. No.	Dept.	Name of the Staffs	Designation	Title of the Paper	Details of National / International
01	CSE	Dr. B. Shadaksharappa	Professor & Head	WAFTEYE Network performance measuring and Test Automation Tool	RTET 2006, National Conference on recent trends in Electronics and Telecommunication and information technology held at SRES's College of Engineering, Kopergaon during 28-29 July 2006.
02	CSE	Dr. B. Shadaksharappa	Professor & Head	An Innovative cyber voting system for internet terminals and mobile phones (E- M voting)	NCCNS, 2006, National conference on cryptography and Network security held at Karpagam arts and science college, Coimbatore during 22-23 Sept. 2006
03	CSE	Dr. B. Shadaksharappa	Professor & Head	Ad-hoc on demand distance vector routing (AODV)	ETA-2006, National conference on emerging technologies and applications, organized by CSE of Saurashtra University, Rajkot. During 01-02 october 2006.
04	CSE	Dr. B. Shadaksharappa	Professor & Head	Systematic approach of configuration and interface testing of the wireless networks test bed.	ETA-2006, National conference on emerging technologies and applications, organized by CSE of Saurashtra University, Rajkot. During 01-02 october 2006.
05	CSE	Dr. B. Shadaksharappa	Professor & Head	Method for recognition textures in images using support vector machines and gabor filter.	1st internal conference on signal and image processing held on 7-9 December 2006 organized by Bhoomaraddi College of Engineering Technology, Hubli in association with IEEE, Bangalore Section.
06	Mech	Mr. N.B. Doddapattar	Asst. Prof	Statistical design of experiments for predicting quality of manufacturing process	Dept. of manufacturing process, Annamalai University, Chidambaram March 23,24 2007
07	Mech	Mr. Sivashakthi Balan	Lecturer	Dynamic Inventory Model A physical model	Published in International Journal of "Pure and Applied Mathematics" Vol-2, No. 2, PP 185 to 188 (July-Dec 2006)
08	EEE	Mr. S. Sudheer	Lecturer	Swarm Intelligence in wireless Adhoc networking	Sri Sai Ram Engineering College, Chennai on 13.03.2007
09	EEE	Mrs. K. Deepa & Mrs. L.K. Jisha	Sr. Lecturer & Lecturer	Design of Digital autopilot using Fuzzy Controllers,	SJBIT, Bangalore on 04.05.2007
10	ECE	Mr. Ashok Kusugar	Asst. Prof	International Telecommunications Union T G.992.1	ETA-2006, National conference on emerging technologies and applications, organized by CSE of Saurashtra University, Rajkot. During 01-02 october 2006.
11	ECE	Mrs. R. Arthi & Mr. Shivaraj Angadi	Asst. Prof & Lecturer	Synthesis and Simulation of Convolution encoding and Viterbi decoding decoding on FPGA	SJB Institute of Technology, Bangalore 4th May 2007

We welcome back

**Mr. Mahesh Dutt**, Asst. Prof,  
Department of Mechanical Engineering,

who visited Mechanical Science Department, University of Switzerland in Zurich for an Orientation Programme. He also visited European countries, Italy, Belgium, Vatican, Holland, Germany, France, UK, Scotland & Switzerland on a personal visit.

*Hearty Congratulation  
on the arrival of an angel of  
Love into your life...*

**Mr. Prakash M**, Canteen Supervisor  
**Mr. P K Krishnamurthy**, Driver

## OUR STUDENTS WHO HAVE PRESENTED PAPERS IN VARIOUS CONFERENCES

CSE Department	ECE Department	EEE Department	Mech Department
Vivek Nair(VI Sem)	Yamini(II Sem)	Vinod Kumar P.V (IV Sem)	Rathore M Chain Singh (VI Sem)
N. Jeevitha(VII Sem)	Shilpa(II Sem)	Bharath Acharya P (IV Sem)	Chetan Vasanth (VI Sem)
Kumar Pranit(VII Sem)	Ragini.G (IV Sem)	Vinay K (VI Sem)	Kiran Patel M.S. (VI Sem)
Pankaj Kumar(VII Sem)	Brunda S.R(IV Sem)	Vinay Kumar P (VI Sem)	Imran Haque (VI Sem)
Shashikanth(VI Sem)	Abdul Haleem(IV Sem)	Vignesh R (VI Sem)	Deepak N (VI Sem)
Manasa V.S(VI Sem)	Chetan Shetty(IV Sem)	Nihar Ranjan Bhuyan (VI Sem)	Avinash A R (VI Sem)
Manasa K.P(VI Sem)	Shubham Ranjan(IV Sem)	Somasundaram R (VI Sem)	B N Nethravathi (II Sem)
Subendu Sharma(VII Sem)	Shivakumar(IV Sem)	Madhu B.T (VI Sem)	Shruthi Kallada (II Sem)
Tinu E Thomas(II Sem)	Vedavalli(VI Sem)		
Neethi C.(II Sem)	Sarveshwar P(VI Sem)		
Apoorva S.N(IV Sem)	Thoke(VI Sem)		
Nagashree K.S(IV Sem)	Archana Abhiram(VI Sem)		
Venkatesh N(IV Sem)	Bhavana N.E (VI Sem)		
Neethi C (II Sem)	Ramya C (VI Sem)		
Tinu E Thomas(II Sem)	Sahana (VI Sem)		
	Amrutha N.M (VI Sem)		

## Shirdi Sai family Welcomes ...



**Prof. S.R. Sridhar**  
Prof. & Head-Dept. of Mech Engg.

He has completed B.E (Mechanical), M.E (Mechanical) respectively in 1965 and 1982 from Annamalai and Bangalore University. His total length of service in the academic is 41 years. He is well versed in various fields like Materials science and metallurgy, manufacturing process, non-conventional machining operations, kinematics of machines, etc. He has served in the capacity of Lecturer, Reader, and Professor. He worked as associated lecturer at Bhaktavatsalam Polytechnic, Kancheepuram from 1966-68, lecturer of Mechanical Engineering at R.V.College Engineering, Bangalore from 1968-82, assistant professor of Mechanical Engineering at R.V.C.E, Bangalore from 1982-90, professor of Mechanical Engineering R.V.C.E, Bangalore from 1992-2002, Professor & HOD of Industrial Engineering and Management at Dayananda Sagar College of Engineering, Bangalore from 2002-06, Professor & HOD of Mechanical Engineering at GSSIT, Bangalore from 2006-07.



**Dr. D.V. Krishna**  
Prof. & Head-Dept. of Mathematics

He completed M.Sc (Mathematics) in the year 1964 from Sri Venkateswara University, Tirupathi. He was awarded Ph.D in Applied Mathematics by Indian Institute of Technology, Chennai in the year 1969. He joined as a lecturer in Mathematics in Sri Venkateswara University Post Graduate Center, Ananthapur in the year 1968. He served Sri Krishna Devaraya University, Ananthapur for 37 years in different capacities as reader, as a professor and as a chairman of The Department of Mathematics. He was the principle of the S.K. University during the year 1986-89 and Dean of the Physical Sciences for three years from 1989-92. He stated the Computer Center in S.K University and headed the same from 1983-92. He was visiting professor in Institute of Heat and Mass transfer, Minsk, Belarus, University of Central Florida, US and Israel Institute of Technology, Haifa, Israel. He has participated in several International and National Conferences held in India and abroad. He has published 50 research papers in International and National journals till now and continue to guide research scholars in the field of Fluid Mechanics. He has successfully completed two major projects from UGC and ONGC. He was the president of Andhra Pradesh Mathematical society for two terms from 2001-03. He has successfully guided 18 scholars for Ph.D and 22 scholars for M.Phil. He has authored several books at PG level in Mathematics. The GOVT of AP has honoured him by awarding "The Best Teacher Award" in the year 1983. He is also elected as the Fellow of the Andhra Pradesh Academy of Sciences in the year 2005.



**Dr. L. A. Udachan**  
Prof. & Head-Dept. of Physics

He has completed B. Sc., M. Sc., & Ph.D., respectively in the year 1967, 1971 & 1982 from Karnataka University, Dharwad. He has served in the capacity of Lecturer, Supernumerary Reader and Professor of Physics in various college and Universities of India and abroad. So far, his total length of service in the academic and research line is 40 years. He has published more than 65 research papers in International & National Journals. He has successfully completed 6 Major and Minor research projects funded by UGC, DST, DAE-BRNS & NSC, Government of India. And by this he could able to get financial support to the tune of Rs 1 Crore. He has participated and presented research papers in India as well as in Hong-Kong, Malaysia, South Korea, Poland, Papua New Guinea(Australia). After assessing his research activities and academic teaching, the Government of Karnataka has honored him by confirming on him the prestigious award "The Best Teacher Award" for the year 1996-97.



**Dr. Hanumappa**  
Asst. Prof. & Head-Dept. of Chemistry

Dr. Hanumappa. H. obtained his Ph.D from Gulbarga University and is presently working as Asst. Professor and Head of the Department of Chemistry Shirdi Sai Engineering College, Anekal, Bangalore. He has guided for two Ph.D students and four M.Phil students. The most magnificent research site is known for the "SCIENTIFIC APPROACH TO MITIGATION OF CARROSION" is relatively recent and come quite logical work. He has attended nor of national conferences like ICC, ICS, "Chemical Sciences for Industry and Society", "Emerging Areas in Chemical and Biological Sciences", and Participated in "NEW TRENDS IN MATERIALS CHEMISTRY" at Jawaharlal Nehru Center for Advanced Scientific Research, Bangalore and Department of Chemistry, Gulbarga University.

*and other young talented faculty who have joined recently. ...*

CONGRATULATES THE FOLLOWING STUDENTS WHO HAVE BEEN PLACED IN TOP COMPANIES OF INDIA



Ranjitha S. Shekar  
CSE  
Infosys



S. Ramya  
CSE  
Infosys



Shashikanth S.  
CSE  
Caritor India Pvt. Ltd



Hema Ganesh  
CSE  
Tech Mahindra



Manasa V.S.  
CSE  
Infosys



Deepa  
CSE  
Tech Mahindra



Sridhar S. Harnal  
CSE  
Caritor India Pvt. Ltd.



Manasa K.P.  
CSE  
Caritor India Pvt. Ltd.



Shashidhar S. Murthy  
CSE  
Sonata Software Ltd.



Sheela J.  
CSE  
Caritor India Pvt. Ltd



Shruthi  
ECE  
Tech Mahindra



Sahana S. N.  
ECE  
Caritor India Pvt. Ltd



Sandep S.  
ECE  
Mphasis



Roopa V.  
EEE  
Infosys



Sathish N. Hulmani  
ECE  
Caritor India Pvt. Ltd



Mathew Joseph  
ECE  
Caritor India Pvt. Ltd



Nikhil Melson  
ECE  
L & T Infotech



Sarweshwar P Thoke  
ECE  
Sonata Software Ltd.



Aroon Mohan  
ECE  
Caritor India Pvt. Ltd



Soundarya V.  
ECE  
Infosys



Giridhar S.  
Mech  
Tech Mahindra



Govind Ponnappan  
Mech  
Tech Mahindra



Bhavana N.E.  
ECE  
Tech Mahindra



Vinod C  
ECE  
Infosys



Swati Singh  
ECE  
Infosys



Barchana Abiram  
ECE  
Infosys



Vivek V. Nair  
CSE  
Satyam



Vedavalli. L  
ECE  
Infosys



Harish Gubbihal  
ECE  
Satyam



Anjan M.  
ECE  
Tech Mahindra



Shashank. R.  
ECE  
Caritor India Pvt. Ltd.



Ramya C.  
ECE  
Infosys



Thippeswamy K.  
ECE  
Infosys

next it is your turn...

