



GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY, TIRUTTANI



Approved by AICTE New Delhi and Affiliated to Anna University Chennai.

AN ISO 9001:2008 CERTIFIED INSTITUTION

DEPT OF ECE

NEWSLETTER 2018-19 ISSUE NO: 1



GRT MAHALAKSHMI NAGAR,
CHENNAI-TIRUPATHI HIGHWAY,
TIRUTTANI-631209.

THIRUVALLUR DISTRICT.

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No.31, Venkatesan Street,
T-Nagar,

Chennai-600017.

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Visit us @ grt.edu.in

ABOUT THE COLLEGE

GRT Institute of Engineering and Technology , the jewel in the crown of GRT Group of Educational Institutions promoted by Sola Raju Dhaunuskodi Raja Thai Ammal Memorial Educational Charitable Trust .The College is managed by GRT Group which is a house hold name in this country. The group is headed by a great visionary and philanthropist Shri G.Rajendran who is a life-time award in the field of Jewellery for his outstanding contribution to the Jewel Industry. The chairman of the Group is a familiar and reputed entrepreneur with Midas touch of success in the areas of Jewellery, hotel chains and non-conventional power. He is committed for quality and perfection.

It is the dream of the chairman to provide aspiring technocrats, the right knowledge base and rigorous training in order to make them a force to reckon with the global Engineering Industry. The trust comprises a team of highly respected and recognized professionals in the field of Education ,Hotel Industry ,Management , Jewellery dedicated in creating an institution imparting High quality technical education to the students community in the rural area.

GRT Group of Institutions has emerged as premier educational Institutions providing not only quality engineering, nursing and teacher education to mould the students into technologically sound, efficient, effective and creative, but also to mould them into responsible global citizens. The college bestows, with the guidance of the scholars, the relevant knowledge and training to make the students successful entrepreneurs, scientists, engineers, educationists and health care experts.

The GRT Group of Education Institutions is promoted by Mahalakshmi Education & Charitable Trust. This Organization was initiated by the visionary Sri.G.Rajendran – the chairman of the GRT Group and well supported my his son Shri G.R Anandapadmanabhan- Managing Director of GRT Group.

The sheer dedication and commitment in offering quality education has made GRT Group of Education Institutions grow from strength to strength each year. Today the group comprises GRT Mahalakshmi Vidyalaya Matriculation Hr.Sec. School, GRT Institute of Engineering and Technology, GRT College of Nursing and GRT College of Education. Each one has come to be known as reputed institution of its own field.

GRT Institute of Engineering and Technology, was established in the year 2008 and has already grown in to one of the most reputed institution in the city. The desire of the chairman is to provide aspiring technocrats the right knowledge base and proper training in the field on par with leading institutions of the world. The courses offered are : B.E. (Civil, Mechanical, Electrical & Electronics), Automobile, Electronics & Communication, Computer Science), M.E. (Communication & Networking, Manufacturing Engineering), M.B.A (Business Administration)



ABOUT THE DEPARTMENT

The department was established in 2008 with 60 students, and was increased to 120 by 2013. The department has the post graduate course (M.E.-Communication and Networking) with intake of 24 established in the year 2013. The department boasts of dedicated staffs who work tirelessly to bring out competent, disciplined and technologically sound engineers. Moreover, our department prepares engineers in state of the art technologies in a conducive learning atmosphere, which ensures better interaction between students and staff through counseling. We also have a fully equipped laboratory that enhances the students' experience in solving practical engineering problems. Faculty members having ample experience in the areas of specializations include VLSI Design, Communication Systems, Networking, DSP, and Embedded Systems, DIP, Medical Electronics and related software& hardware Tools.

ECE





INSTITUTE VISION

To be at the forefront of technical education, turning out high quality engineering and technical manpower to meet global needs, through academic excellence, stimulating a research-oriented ambience and inspiring teaching.

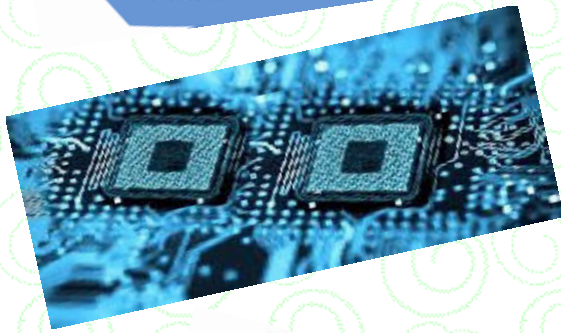
INSTITUTE MISSION

- Inculcating a culture of quality in all spheres of teaching and learning.
- Providing fully equipped state of the art infrastructure and facilities.
- Creating an academic ambience for students to realize their dreams.
- Practicing innovative and interactive teaching in theory and practice across Curriculum.
- Implementing placement and training activities for holistic development, from year one onwards.
- Generating a future ready culture, that embraces challenges and acts as a change catalyst.





ECE



DEPARTMENT VISION

To empower the students in future trends of Electronics and Communication Engineering, satisfying the societal needs ethically and promoting research activities in latest technologies among the students to produce a quality engineers and powerful entrepreneurs

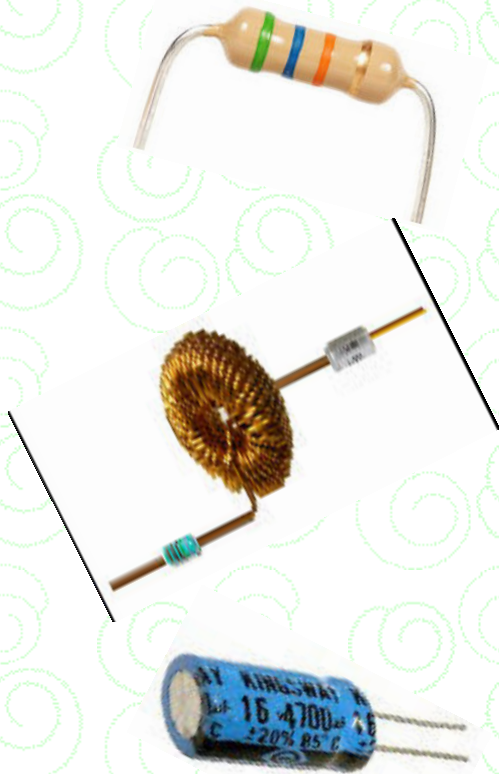
DEPARTMENT MISSION

M1. To provide a special learning environment to empower the students to confront the challenges of the Electronics and Communication Engineering field.

M2. To provide ethical and value based education by promoting activities addressing the societal needs.

M3. To fulfill the research interests of faculty and students by promoting and sustaining in house research facilities so as to obtain the reputed publications and patents.

M4. To provide quality education and to impart entrepreneurial and employable skills.





Message from the Management

I am extremely happy in releasing the half-yearly newsletter, highlighting the activities of the department between 2018 and 2019. The laudable exercise of the students and staff of this Institution has already brought I congratulate the staff and students for this achievement. I wish that everyone continue their untiring efforts not only to retain this award but to grow to further high standards. I congratulate all the editorial members for releasing this newsletter.

Shri.G.Rajendran



Message from the Head of the Institution

I am delighted in addressing the members of Electronics and communication engineering through this newsletter which will benefit the students and will encourage them to accomplish things. There is famous saying “Even if I knew that tomorrow the world would go to pieces, I would still plant my apple tree”. Accordingly I wish the students to excel and be distinguished in their respective area of interest. I adulate the efforts made in publishing the first issue of the newsletter. I wish all the participants all the best and to make use of this opportunity. I thank the management HOD, staff and organizers for releasing this news letter.

Prof. Dr.S. Arumugam



Message from HOD/ECE

Education is what removes our doubts and fears, what makes us happy and peaceful, what makes us better human beings . In today's world, everyone aims for a fast-track career. The key requirements for career growth are continuous learning, improving one's skill-sets and being competent. We can either learn from our mistakes or from other people's experiences and teachings. This edition will comprise the achievements by faculty members and students and also, the events that took place in the department during the academic year 2018 - 19. I congratulate the Editorial Board for their effective work in making this into a reality.

Dr.P.Sivakumar

STAFF ACHIEVEMENTS

S.NO	NAME OF THE STAFF	EVENT	TOPIC	DATE/YEAR/VENUE DETAILS
1	Dr. P. Sivakumar	INTERNATIONAL CONFERENCE	Energy efficient Spectrum Sensing and Data Transmission in Cognitive Radio Sensor Network	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
		INTERNATIONAL CONFERENCE	Tracking Of Automatic Arc Welding Using Computer Vision Techniques	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
2	Mrs.K.PeriyarSelvam	INTERNATIONAL CONFERENCE	Energy efficient Spectrum Sensing and Data Transmission in Cognitive Radio Sensor Network	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
3	Dr. K. Gunasekaran	INTERNATIONAL CONFERENCE	An Implementation of Bidirectional NoC Router for Reconfigurable Coarse Grained Architecture by using QAM Modulation	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
4	Mr. V. Sornagopal	INTERNATIONAL CONFERENCE	An Implementation of Bidirectional NoC Router for Reconfigurable Coarse Grained Architecture by using QAM Modulation	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
5	Mrs. R. Bamalakshmi	INTERNATIONAL CONFERENCE	An Implementation of Bidirectional NoC Router for Reconfigurable Coarse Grained Architecture by using QAM Modulation	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18

S.N O	NAME OF THE STAFF	EVENT	TOPIC	DATE/YEAR/VENUE DETAILS
6	Mr.P.G.Gopinath	INTERNATIONAL CONFERENCE	Review of Microcantilever Based Biosensor for Cancer Detection Applications	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
7	Mr. S.V Dharanikumar	INTERNATIONAL CONFERENCE	Arm and Hand Design of The Humanoid Robot and Facial Expressions and Gestures	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
8	Mr. C E. Mohankumar	INTERNATIONAL CONFERENCE	Arm and Hand Design of The Humanoid Robot and Facial Expressions and Gestures	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
9	Mr.S. Karthick	INTERNATIONAL CONFERENCE	Low Bandwidth and High Throughput by using Call Admission Control Scheme	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
10	Mr.K. Balaji	INTERNATIONAL CONFERENCE	Low Bandwidth and High Throughput by using Call Admission Control Scheme	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
11	Mr.Kamesh M	INTERNATIONAL CONFERENCE	Low Bandwidth and High Throughput by using Call Admission Control Scheme	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18
12	Mr.Tamiziniyan G	INTERNATIONAL CONFERENCE	Low Bandwidth and High Throughput by using Call Admission Control Scheme	International conference on New Trends in Engineering and Technology (ICNTET – 2018) 7.9.18 and 8.9.18

S.N O	NAME OF THE STAFF	EVENT	TOPIC	DATE/YEAR/VENUE DETAILS
13	Dr. P. Sivakumar	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
14	Dr.C.Viswanathan	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
15	Dr. K. Gunasekaran	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
16	Mrs.K.PeriyarSelvam	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
17	Mr.K. Balaji	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
18	Mr.A.S.Loganathan	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
19	Mr. S.V Dharaniku- mar	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018y

S.N O	NAME OF THE STAFF	EVENT	TOPIC	DATE/YEAR/VENUE DETAILS
20	Ms.R.Nathea	SEMINAR	Two Days National Level Technical Seminar on Challenges and Opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	GRT Institute of Engineering and Technology, 19 th and 20 th July 2018
21	Mr.Tamiziniyan G	SEMINAR	Two days national level seminar on "Medical Big Data : Neurological Diseases Diagnosis Through Medical Data Analysis	S V Engineering College for Women, Tirupati, Andhra Pradesh-11/8/18 and 12/8/18
22	Mr. C E. Mohan-kumar	SEMINAR	Two days national level seminar on "Medical Big Data : Neurological Diseases Diagnosis Through Medical Data Analysis	S V Engineering College for Women, Tirupati, Andhra Pradesh-11/8/18 and 12/8/18
23	Mr.P.G.Gopinath	SEMINAR	Two days national level seminar on "Medical Big Data : Neurological Diseases Diagnosis Through Medical Data Analysis	S V Engineering College for Women, Tirupati, Andhra Pradesh-11/8/18 and 12/8/18
24	Ms.J.Febina	SEMINAR	Two days national level seminar on "Medical Big Data : Neurological Diseases Diagnosis Through Medical Data Analysis	S V Engineering College for Women, Tirupati, Andhra Pradesh-11/8/18 and 12/8/18

STUDENTS INDUSTRIAL VISIT

- Our department II year students was accompanied to an industrial visit to Sansbound Kodambakkam, Chennai on 19.07.18
- Our department II year students was accompanied to an industrial visit to Kamarajar Port Ltd, Chennai on 24.07.18
- Our department III year students was accompanied to an industrial visit to Trios Technologies Pvt.Ltd Ashok nagar ,Chennai on 13.8.2018
- Our department IV year students was accompanied to an industrial visit to Trios Technologies Pvt.Ltd Ashok nagar ,Chennai on 12.9.2018
- Our department III year students was accompanied to an







GUEST LECTURES / SEMINARS

Our department proudly conducted one day guest lecture on “Applications of Electronics in Defence ” 23.08.2018 by Shri R. P. B. SUNDRAM, B.E., (Retd.) Additional General Manager (AGM), BEL, Bangalore & Fellow and Executive Committee Member, IETE.

Our department proudly conducted one day guest lecture on “Future Trends in Advanced Networking ” 28.09.18 by Mr. S.Karthikeyan, Business Development & Placement Manager, Chennai .





CONFERENCE

Our department proudly conducted two days International conference on New Trends in Engineering and Technology (ICNTET – 2018) on 7.9.18 and 8.9.18 sponsored by IEEE madras section.



Invitation

GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY, Tiruttani
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
(An ISO 9001 : 2015 certified Institution)

We, the Management, Principal and staffs cordially invite you all to grace us with your esteemed presence on the occasion of the

"International conference on New Trends in Engineering and Technology"

ICNTET - 2018

in the college premises B - block Seminar Hall
ON 7.09.2018 & 8.09.2018

WITH THE AUGUST PRESENCE OF

Shri. G.Rajendran Chairman, GRT Group of Educational Institutions	Shri. G.R. Ananthapadmanabhan Managing Director GRT Group of Educational Institutions
Dr. Syed Arifullah Management Representative & GH-HR GRT Group of Educational Institutions	
PROF. ANTONIO MAFFEI HEAD OF DIGITAL SMART PRODUCTION UNIT, BRINELLVAGEN, SWEDEN	PROF. OLEG KUPERVASSER ARIEL UNIVERSITY RUSSIA, ISRAEL
Dr. CHANDRASHEKHAR SCHOOL OF ELECTRICAL SCIENCES, IIT - BHUBANESWAR, INDIA	PROF. GANAPATI PANDA SCHOOL OF ELECTRICAL SCIENCES, IIT - BHUBANESWAR, INDIA
Dr. SIVA GANESH MALLA DIRECTOR, CPGC PVT LTD	

Has kindly consented to inaugurate the program
Your presence is precious
PRINCIPAL
GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY



STUDENTS SYMPOSIUM / CONFERENCE/ WORKSHOP

NAME OF THE STUDENT	SEM/ YEAR	NAME OF THE EVENT	TOPICS	MONTH/ YEAR	ORGANIZING INSTITUTION
THAMARAI SELVI.U	VII/IV	WORKSHOP	INTERNET OF THINGS	SEP 2018	TRIOS TECHNOLOGIES PVT LTD
RENUKA.D	VII/IV	WORKSHOP	INTERNET OF THINGS	SEP 2018	TRIOS TECHNOLOGIES PVT LTD
POOJA.R	VII/IV	WORKSHOP	INTERNET OF THINGS	SEP 2018	TRIOS TECHNOLOGIES PVT LTD
SHARMILA.S.R	VII/IV	WORKSHOP	INTERNET OF THINGS	SEP 2018	TRIOS T ECHNOLOGIES PVT LTD
RUSHIKA R	VII/IV	WORKSHOP	INTERNET OF THINGS	SEP 2018	TRIOS TECHNOLOGIES PVT LTD
NARESH KUMAR.S	VII/IV	WORKSHOP	WORLD'S BIGGEST INTERNATIONAL HANDS ON GAMING & SECURITY WORKSHOP	JULY 2018	WIKITECHY- GAME&HACK
JYOTHISAI.B	III/II	SYMPOSIUM	E-BLAST SLV 2K18- PAPER PRESENTATION	SEP 2018	KINGS ENGINEERING COLLEGE

OUR STUDENT LOKESH.V IS A TRAINEE JOURNALIST IN PUTHYA
THALAIMURAI

**புதிய
தலைமுறை**



V. LOKESH
Trainee Journalist

Issuing Authority



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Phone : 044 - 4542 8801

PRESS

Valid upto: October 2018 to September 2019



OUR STUDENTS LOKESH.V AND ARUN YUVARAJ ARE PERFORMING ARTIST IN KALAI GANARTV NADIGANAGA MAARIACHU SHOW.

YOUTUBE LINK OF THE SHOW :

<https://youtu.be/rLUU2Ffuu3g>


<https://youtu.be/yidKWP3EvUw>

<https://youtu.be/SaeFunXXc7o>



CAMPUS AMBASSADOR OF
GRT INSTITUTE OF ENGINEERING & TECHNOLOGY
ARAKKONAM TALUK.

MAY I HELP YOU ?



Name : V.Lokesh
Branch & Year : B.E.,E.C.E.,2nd Year
Contact : 90805 76763
Email ID : vlokes430@gmail.com

Are you 18+?
Not enrolled in Electoral Roll
Do you need correction / address change in your Voter ID Card



உங்கள்
கலைஞர்
தொலைக்காட்சியில்

"நடிகனாக மாறியாச்சு"
கலக்கல் நிகழ்ச்சி..

காலை 11 மணிக்கு..

காணத்தவறாதீர்கள்...







STAFF MEMBERS OF ECE

Dr.P.SIVAKUMAR
 Dr.C.VISWANATHAN
 Dr.K.GUNASEKARAN
 Dr.S.A.YUVARAJ
 Mrs.R.BAMALAKSHMI
 Mr.S.SENTHILKUMAR
 Mr.V.SORNAGOPAL
 Mrs. K. PERIYARSELVAM
 Mr.P.G.GOPINATH
 Mr.K.BALAJI
 Mr.K.NARESHKUMAR
 Mr. A.S.LOGANATHAN
 Ms.R.NATHEA
 Mr.S.NIJANDHAN
 Mr.C.E.MOHANKUMAR
 Mr.S.V.DHARANI KUMAR
 Mr.C.AUGUSTINE
 Mr.D.SARATHY
 Mrs.C.P.GOWTHAMI
 Mr.M.KAMESH
 Ms.U.SANDHYA
 Mr.S.KARTHICK
 Mrs.J.PORKODI
 Ms.J.FEBINA
 Mr.G.TAMIZINIYAN

SOCIETY OF ECE

PRESIDENT: Ms. SIRASANAGANDLA KAVYA- IV YEAR

VICE PRESIDENT: Mr. ARUN KUMAR G-IV YEAR

SECRETARY: Mr. RUKESH KUMAR A-III YEAR

JOINT SECRETARY: Ms. SOUNDHARYA .V-III YEAR

PROFESSIONAL MEMBERS & ACADEMIC PARTNERS

- IEEE
- IETE
- CISCO NETWORKING ACADEMY



TOPPERS LIST

II YEAR ECE/IV SEM:

S.NO	REG NO	NAME	GPA
1	110316106042	RAMYA TEJA S	9.04
2	110316106031	MEENAKSHI K A	9.00
3	110316106003	ANITHA D	8.65
4	110316106039	PREETHA S	8.62
5	110316106038	PRATHIMA M	8.35
6	110316106067	VAISHNAVI M	8.27
7	110316106046	SAIKUMAR M	8.19
8	110316106045	RUKESH KUMAR A	8.12
9	110316106037	POOJITHA V	8.04
10	110316106043	RAVI C M	8.04
11	110316106001	AILEEN JULIET J	8.00
12	110316106009	BHAGYALAKSHMI M R	8.00

III YEAR ECE /VI SEM

S.NO	REG NO	NAME	GPA
1	110315106026	KOWSALYA K	8.92
2	110315106007	BHARATHI S	8.67
3	110315106010	CHANDHINI A	8.67
4	110315106022	KALPANA R	8.67
5	110315106035	NITHIYALAKSHMI S	8.50
6	110315106003	ARSHIYA AFREEN A	8.42
7	110315106052	SHARMILA S R	8.42
8	110315106020	JEYASRI N	8.25
9	110315106041	PREETHI REBECCAL Y	8.04

TOPPERS LIST

IVYEAR ECE /VIII SEM

S.NO	REG NO	NAME	GPA
1	110314106050	PAVITHRA V J	9.17
2	110314106049	PAVITHRA T K	9.00
3	110314106056	PRIYANKA S	9.00
4	110314106068	SHALINI P	9.00
5	110314106001	ABHINAYA A K	8.83
6	110314106018	GAYATHRI P	8.83
7	110314106041	MONIKA E	8.83
8	110314106006	ARULMOHI DEBORAH K	8.66
9	110314106042	MONISHA K	8.66
10	110314106059	RATHNA P	8.66
11	110314106078	SWATHI M	8.66

PG - C&N / II SEM:

S.NO	REG NO	NAME	GPA
1	110317483009	MAZHALAI SELVI G S	9.28
2	110317483019	SUBHASHREE M	8.57
3	110317483018	SARALADEVI R	8.43

Editorial Team' s Epistle

We are indeed of good cheer to publish the first issue of our newsletter Meticulous efforts have been put in to congregate the happenings in the department. We hope this newsletter would serve to be an informative one. We take pleasure in thanking our Management, Principal, HOD, faculty and students of Electronics and Communication Engineering for the kind support and encouragement. Feedback and suggestions are welcomed .For further Articles, Activities please

Editorial Board Members

Dr. P.SIVAKUMAR

Mr.V.SORNAGOPAL

"Your imagination is your preview of life's coming attractions."