

SPARK



News LETTER

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

July - December, 2012

GATEWAY TO JOBS

1) Take the initiative

Don't wait for jobs to be advertised! Estimates suggest that around 80% of vacancies are never publicised, and those that are can attract hundreds of applications, so you need to find ways of leapfrogging the competition.

2) Be different

Think about ways to stand out from the crowd when contacting companies. Use topical events to your ,they might not have any jobs at that time but it will certainly get their attention and put you front of mind when a vacancy does arise. The aim is to get a foot in the door and be invited for an interview, which is often the hardest part.

3) Network, network, network

It's a word that can send shivers down the spine of even the most confident jobseeker, but there's no doubting the value of networking if you're hunting for that elusive role. This doesn't mean that you have to attend every business event in town or launch yourself dementedly at prospective bosses.

4) Polish your online profile

Depending on the kind of work you're looking for, there's a good chance that a potential employer will use the internet to assess whether you are a suitable candidate. For that reason, it's worth doing your own search to see what comes up.

5) Prove your worth with a vocational qualification

Sometimes all the experience and contacts in the world aren't quite enough to tip the balance in your favour. If your CV is a bit thin on the ground when it comes to qualifications then consider adding another string to your bow with a professional, vocational course. Make sure the course you choose is professionally accredited and delivered by a recognised training provider so that it adds genuine value to your CV.

Academic Results:

Year	Total appeared	Total Passed	% Pass
I/IV B.Tech	120	105	87.5
II/IV B.Tech	145	113	77.93
III/IV B.Tech	144	130	90.27
IV/IV B.Tech	146	146	100

List of the students who won prizes in Paper Presentations& in other activities:-

Sl. No	Roll No	Name of the student	Name of the meet/ Contest	Date	Organized Institution	Activity	Awards
1.	Y9EE814	B.JETENDRA KUMAR	TECHNOVA TE-2K12	06-07-2012 TO 07-07-2012	PVP SIDDARTHA INSTITUTE OF TECHNOLOGY, VIJAYAWADA	PAPER PRESENTATION	SECOND PRIZE
2.	Y9EE918	V.SASIKANTH	TECHNOVA TE-2K12	06-07-2012 TO 07-07-2012	PVP SIDDARTHA INSTITUTE OF TECHNOLOGY, VIJAYAWADA	POSTER PRESENTATION	SECOND PRIZE
3	Y9EE900	K.SHINY	TECHNOVA TE-2K12	06-07-2012 TO 07-07-2012	PVP SIDDARTHA INSTITUTE OF TECHNOLOGY, VIJAYAWADA	POSTER PRESENTATION	SECOND PRIZE
4.	Y9EE911	V. VAMSI KRISHNA	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGG.COLLEGE, KANDUKAR	SKITS	FIRST PRIZE
5.	Y9EE814	B.JETENDRA KUMAR	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGG.COLLEGE, KANDUKAR	PAPER PRESENTATION	SECOND PRIZE
6.	Y9EE907	T.CHANDRA SEKHAR	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGG.COLLEGE, KANDUKAR	PAPER PRESENTATION	SECOND PRIZE
7.	Y9EE882	P.BALA MURALI	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGG.COLLEGE, KANDUKAR	BEST COMMUNICATE	SECOND PRIZE
8	Y9EE894	S.PAVAN KUMAR	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGG.COLLEGE, KANDUKAR	BEST COMMUNICATE	SECOND PRIZE

9	Y9EE918	V.SARIKANTH	SANKALP-2012	15-09-2012	KALLAM HARINADHA INSTITUTE OF TECHNOLOGY, GUNTUR	PAPER PRESENTATION	FIRST PRIZE
10	Y11EE880	P.BHAVYA SRI	SANKALP-2012	28-09-2012 TO 29-09-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	PARISHODANA	SECOND PRIZE
11	Y11EE893	S.SRAVYA	SANKALP-2012	28-09-2012 TO 29-09-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	PARISHODANA	SECOND PRIZE
12	Y11EE896	AFREEN FARHANA	SANKALP-2012	28-09-2012 TO 29-09-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	PARISHODANA	SECOND PRIZE
13	Y9EE867	M.PAVAN KUMAR	JIGNASA-2012	12-12-2012	POTTI SRIRAMULU CHALAVADI MALLI KHARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY	PAPER PRESENTATION	FIRST PRIZE
14	Y9EE814	B.JETENDRA KUMAR	JIGNASA-2012	12-12-2012	POTTI SRIRAMULU CHALAVADI MALLI KHARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY	PAPER PRESENTATION	FIRST PRIZE
15	Y10EE880	N.TEJESWAR	TRANCE'12	21-12-2012 TO 22-12-12	SRKR ENGINEERING COLLEGE, BHIMAVARAM	POSTER PRESENTATION	FIRST PRIZE
16	Y10EE855	K.LAKSHMI PRASANNA	LITAM QUEST	22-12-2012	LOYOLA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	PAPER PRESENTATION	FIRST PRIZE
17	Y10EE918	V.VENKATESH	TRANCE'12	21-12-2012 TO 22-12-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	POSTER PRESENTATION	FIRST PRIZE
18	Y10EE859	K.RENUKA DEVI	LITAM QUEST	22-12-2012	LOYOLA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	PAPER PRESENTATION	FIRST PRIZE
19	Y11EE819 Y11EE805	CH.MANI KUMAR A.MANI KRISHNA	A STUDENT INITIATED FINE ARTS CLUB	07-12-2012	RVR & JC COLLEGE OF ENGINEERING, CHOWDAVARAM	FACE PAINTING	SECOND PRIZE

List of the students who are participated in Paper Presentations & other events :-

Sl. No	Regd.No	Name of the student	Name of the meet	Date	Organized By	Activity	Result
1	Y10EE858	K.PRADEEP	TECHNOVATE 2K12	06-07-2012 TO 07-07-2012	PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, VIJAYAYAWADA	TECHNICAL SYMPOSIUM	PARTICIPATION CERTIFICATE
2	Y10EE877 Y10EE897 Y10EE888	N SRUJANA R NAGA KIRANMAI P ROHINI	TECHNOVATE-2012	06-07-2012 TO 07-07-2012	PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, VIJAYAYAWADA	TECHNICAL SYMPOSIUM	PARTICIPATION CERTIFICATE
3	Y9EE867	M.PAVAN	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGINEERING COLLEGE, KANDUKAR	BEST COMMUNICATE	PARTICIPATION CERTIFICATE
4	Y9EE895	SK.ABDUL RAHIM	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGINEERING COLLEGE ,KANDUKAR	SKIT	PARTICIPATION CERTIFICATE
5	Y9EE896	SK.ABDUL RAZZAK	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGINEERING COLLEGE, KANDUKAR	POSTER PRESENTATION	PARTICIPATION CERTIFICATE
6	Y9EE867	M.PAVAN	ISKRA-2K12	08-08-2012 TO 09-08-2012	PRAKASAM ENGINEERING COLLEGE, KANDUKAR	BEST COMMUNICATE	PARTICIPATION CERTIFICATE
7	Y9EE876 Y9EE860	AMULYA.N	SANTRIK-2K12	16-08-2012 TO 19-08-2012	KL UNIVERSITY, VADDESWARAM	PAPER PRESENTATION	PARTICIPATION CERTIFICATE
8	Y10EE832 Y10EE908	CH.NALINI SK.SHABNAM	SANTRIK-2K12	16-08-2012 TO 19-08-2012	KL UNIVERSITY, VADDESWARAM	POSTER PRESENTATION	PARTICIPATION CERTIFICATE
09	Y10EE807 Y10EE818 Y10EE820	A.SIVA RAMA KRISHNA B.V.RAM DAS B.VIJAY KUMAR	I-GENESIS-2012	05-09-2012 TO 08-09-2012	AU COLLEGE OF ENGINEERING, VISAKHAPATNAM		PARTICIPATION CERTIFICATE
10	Y10EE873 Y10EE850 Y10EE 875 Y10EE 897 Y10EE 883 Y10EE 863 Y10EE 888 Y10EE 897 Y10EE 865	M.HARSHAVAR DHAN J.CHAITANYA KUMAR M.TRINADH N.SRUJANA P.HYMAVATHI K.SRIKAVYA P.ROHINI R.NAGA KRIANMAI K.APARANA	I-GENESIS-2012	05-09-2012 TO 08-09-2012	AU COLLEGE OF ENGINEERING, VISAKHAPATNAM	XPLORA	PARTICIPATION CERTIFICATE

	Y10EE 859	K.RENUKA DEVI					
11	Y11EE840 Y11EE856	J.JASWANTH K.PRAGNA	AARVUSH 2012	07-09-2012 TO 08-09-2012	SRM UNIVERSITY, CHENNAI	SIXTH SENSE ARDUINO BOTZ WORKSHOP	PARTICIPATI ON CERTIFICAT E
12	Y11EE818 Y11EE805 Y11EE871 Y11EE882	CH.MAHA PADMA PRAKASH T.PRAVEEN KUMAR B.NAGARJUNA P.DEEPAK	KYRION ROBOTICS CLUB	24-09-2012 TO 25-09-2012	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY, HYDERABAD	WORKSHOP ON CYBORG	PARTICIPATI ON CERTIFICAT E
13	Y11EE861 L12EE922 Y11EE822 Y11EE905	M.SUPRIYA S.DURGA PRASAD CH.HARSHA NIHANTH T.PRAVIN KUMAR	SAMYAK '12	05-10-2012 TO 06-10-2012	KL UNIVERSITY, VADESWAREM	PAPER PRESENTATI ON	PARTICIPATI ON CERTIFICAT E
14	Y11EE834 Y11EE859 Y11EE847 Y11EE850	G.NIHARIKA K.MADHU RAVALI K.AISHWARYA K.NAGA PAVANI J.JASWANTH	ROBO GENISIS	05-10-2012 TO 06-10-2012	KL UNIVERSITY, VADESWAREM	GEO AXIS ROBOTICS	PARTICIPATI ON CERTIFICAT E
	Y11EE821 Y11EE827 Y11EE849 Y11EE857 Y11EE853 Y11EE851	CH.SUSHMITH A D.MANASWINI KHUSHNOOSH ARMA K.NEHA K.SANKEERTH ANA K.SAHITHI	INTERNATI ONAL ROBO SAGA 2012- 2013	05-10-2012 TO 06-10-2012	KL UNIVERSITY, VADESWAREM	CLOUD MOUNTING WORKSHOP	PARTICIPATI ON CERTIFICAT E
15	Y11EE806 Y11EE807 Y11EE905	A.V.KARTHIK A.SUMANTH T.PRAVIN KUMAR	SAMYAK '12	05-10-2012 TO 06-10-2012	KL UNIVERSITY, VADESWAREM	MICROSOFT MAKE AN INDIA	PARTICIPATI ON CERTIFICAT E
16	Y11EE906 Y11EE905	T.PAVANI T.PRAVEEN KUMAR	SAMYAK '12	05-10-2012 TO 06-10-2012	KL UNIVERSITY, VADESWAREM	TECH BUZZ	PARTICIPATI ON CERTIFICAT E
17	L12EE922 Y11EE824	S.DURGA PRASAD D.V.MURALI KRISHNA	SAMYAK '12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	POSTER PRESENTATI ON	PARTICIPATI ON CERTIFICATE
1 8	L12EE922 Y11EE822	S.DURGA PRASAD SRI HARSHA NIHANTH	SAMYAK '12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	E-BLAZE	PARTICIPATI ON CERTIFICAT E

	Y11EE824	D.V MURALI KRISHNA					
1 9	Y11EE824 L12EE922 Y11EE822 Y11EE861	D.VENKATA MURALI S.DURGA P[RASAD SRI HARHA NISHANT M.SUPRIYA	SAMYAK'12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	JUNK YARD	PARTICIPATI ON CERTIFICATE
20	Y11EE824 L12EE922 Y11EE822 Y11EE861	D.VENKATA MURALI S.DURGA P[RASAD SRI HARHA NISHANT M.SUPRIYA	SAMYAK'12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	UNLOCK	PARTICIPATI ON CERTIFICATE
2 1	Y11EE824 L12EE922	D.V.MURALI KRISHNA S.DURGA PRASAD	SAMYAK'12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	MODEL PRESENTATI ON	PARTICIPATI ON CERTIFICATE
2 2 2	Y11EE863 Y11EE906	M.V.L.MAHITH A T.PAVANI	SAMYAK'12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	XONIX PAPER PRESENTATI ON	PARTICIPATI ON CERTIFICATE
2 3	Y11EE817	CH.DIVYASRI	SAMYAK'12	05-10-2012 TO 06-10-2012	K.L.UNIVERSITY, VADESWAREM	PAPER PRESENTATI ON	PARTICIPATI ON CERTIFICATE
2 4	Y10EE892	P.RAMA SAI	TRANCE'12	21-12-2012 TO 22-12-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	PAPER PRESENTATI ON	PARTICIPATI ON CERTIFICAT E
2 5	Y10EE886	P.VINAY KUMAR	TRANCE'12	21-12-2012 TO 22-12-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	POSTER PRESENTATI ON	PARTICIPATI ON CERTIFICATE
2 6	Y10EE886	P.VINAY KUMAR	TRANCE'12	21-12-2012 TO 22-12-2012	SRKR ENGINEERING COLLEGE, BHIMAVARAM	PAPER PRESENTATI ON	PARTICIPATI ON CERTIFICATE
	Y11EE896	AFREEN FARHANA	VIGNAN MAHOTSAV	04-01-2013 TO 05-01-2013	VIGNAN UNIVERSITY, VADLAMUDI	PAPER PRESENTATI ON	PARTICIPATI ON CERTIFICATE
2 8	Y10EE843	G.VENKATESH	ALL-INDIA INTER UNIVERSITY TOURNAMENTS	11-12-2012	NTR HEALTH UNIVERSITY	BASKET BALL	PARTICIPATE D

Industrial Visits:-

EEE Department has arranged a short visit for III/IV B.Tech(batch-1),74 students to **Dr.NARLA TATA RAO** Thermal Power Station, Ibrahimpatnam Vijayawada on 24TH AUGUST 2012.During their visit **SRI K.K.VISWANADHAM A.D.E/STAGE III** guided the students to get “**INDUSTRIAL AWARENESS**”.

EEE Department has arranged a short visit for III/IV B.Tech(batch-2),74 students to **Dr.NARLA TATA RAO** Thermal Power Station, Ibrahimpatnam Vijayawada on 24TH AUGUST 2012.during their visit **SRI K.K.VISWANADHAM A.D.E/STAGE III** guided the students to get “**INDUSTRIAL AWARENESS**”.

EEE Department has arranged a long industrial tour for III/IV B.Tech students from 8-01-2013 to 22-01-2013.The following staff members have accompanied the students.

- 1.P.Siva Krishna
- 2.G.V.S.Tulasi
- 3.G.Yamini

Special coaching like GATE, GRE etc:-

GATE coaching has given to final year students for 4 days dated on following dates as 15-11-2012,16-11-2012,19-11-2012 and 20-11-2012.

Seminars/ Workshops/Conferences/Short Term Courses/ Symposia attended by the faculty:

1. **Mr.P.Siva Krishna**, lecturer, Two day National Level Workshop on Renewable Energy, held at Vignan University, Vadlamudi during 23rd and 24th , November 2012.

Seminars/ Workshops/Conferences/Short Term Courses/ Symposia attended by the students:

1. All II/IV B.Tech students attended a seminar on “Skill Set Development & Carrier opportunities” On August 1st 2012 conducted by M/S Reach heights Educational Training RCP Ltd, Guntur.
2. All IV/IV B.Tech students attended a seminar on “Embedded Systems and Industrial Automation” on 8th August 2012 conducted by M/s Prolific Systems and technologies, Hyderabad.

Seminars/Short term courses/ Workshops/ Student Meets Conducted by the Dept.:-

A two-day “**Hands on Workshop**” on **PCB design** conducted for **II/IV EEE students**, held in co-ordination with **Indo Global Services, Hyderabad**.

A workshop on “**Employability Skills and Technology Expectations**” conducted for IV/IV EEE students by Mr.Jonnalagadda Chandrasekhar, ARM, and TCS Hyderabad.

A Workshop on “**Importance of Body language and Mannerism**” conducted for II/IV Students by Mr.R.Thejha, Head training and Development; seventh sense Talent solutions, Bangalore.

Training & Placement Information:

The following **20 students of IV/IV B.Tech** have placed in the **TCS, Hyderabad**.

S.NO	REGD.NO	NAME OF THE STUDENT	COMPANY	DATE
1	Y9EE813	BOLLAPALLI JAYA SREE	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
2	Y9EE816	CHATHARAJUPALLI AKHILA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
3	Y9EE823	DASARI PURNESH	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
4	Y9EE824	DATTY BALUPRAVEEN	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
5	Y9EE829	DHUPAM NAGA SRIKAR	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
6	Y9EE842	K VENKATA SAI MOURYA CHANDRA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
7	Y9EE844	KESANA SINDHU PRABHA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
8	Y9EE866	MANTRAVADI NAGA SRIVALLI	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
9	Y9EE867	MEDIKONDA PAVAN KUMAR	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
10	Y9EE869	MEKA PRIYANKA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
11	Y9EE872	MOTHUKURI KUMAR	TCS,HYDERABAD	26-10-2012 TO

		RAJA		28-10-2012
12	Y9EE880	PANGULURI NAGA RISHYENDAR	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
13	Y9EE884	PATIBANDLA VENKATA SAI MAHA LAKSHMI	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
14	Y9EE888	RANGISETTY RAGA SINDHURA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
15	Y9EE894	SEE[PANA PAVAN KUMAR	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
16	Y9EE898	SHAIK JAWED PASHA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
17	Y9EE901	SIREESHA SADGHANA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
18	Y9EE902	SUNKARA CHAITANYA	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
19	Y9EE915	VANKAYALAPATI LAKSHMI BHAVANI	TCS,HYDERABAD	26-10-2012 TO 28-10-2012
20	Y9EE919	YELLELA KRISHNAVENI	TCS,HYDERABAD	26-10-2012 TO 28-10-2012

The following student of **IV/IV B.Tech** has placed in the **ADP, Hyderabad**.

1	Y9EE819	CHILAKALAPUDI SRIKANTH	ADP,HYDERABAD	23-11-2012
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R & D Activities:-

Research Papers Published in Journals:

1. O.Chandra Sekhar and **Dr K.Chandra Sekhar**, "A Novel Nine-Level MPC Inverter for Direct Torque Control Induction Motor Drive," Automatic Control and System Engineering ACSE", Vol. 12 No.2 , pp. 15-22, October 2012.
2. O.Chandra Sekhar and **Dr.K.Chandra Sekhar**, "Modulation and control of multilevel inverter fed Direct Torque Control Induction Motor Drive," International Journal of Energy and power , Vol.1 No.1, pp 7-17, August 2012.

3. G.Nageswara Rao , **Dr. K.Chandra sekhar**, Dr.P.Sangameswara Raju, " A Seven-Level Inverter Topology for Power Quality Improvement In Cascaded Multilevel Inverter using Neuro-Fuzzy ", in ICGST International Journal on Automatic Control and System Engineering (ACSE), Vol 12, No.3, Pages 7-12, December 2012.
4. **Dr. K.Chandra Sekhar, P Sunil Raju, Y Sumanth, Ch.Ranga Rao**, " A Novel Pulse-Width-Modulation PID Based Quasi-Sliding-Mode Controller for Buck Converters ", in International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 (Special Issue), Pages 41-48, December 2012.
5. **Dr. K.Chandra Sekhar, P Sunil Raju, Y Sumanth, N Dharani Kumar**, "Analysis and Active/Reactive Power Control of Doubly Fed Induction Generator (Dynamic Modeling) ", in International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 (Special Issue), Pages 35-40, December 2012.
6. K. Hari Krishna, **Dr. K Chandra Sekhar**, " A Modified Model for Automatic Generation Control in Deregulated Power Systems ", in International Journal of Scientific & Engineering Research, Volume 3, Issue 11, November-2012 1 ISSN 2229-5518.
7. J. Vara Prasad, **Dr.K.Chandra Sekhar**, " Optimal Re-dispatch for Congestion Relief in Deregulated Power System ", in International Journal of Systems , Algorithms & Applications (ICASE), Volume 2, Issue: ICASE 2012, August 2012, ISSN: 2277-2677, pp.01-05.
8. **J.H.V.Veera Raghava, K.Chandra Sekhar** " Effective Mitigation of Voltage Flicker in Power System using 12-Pulse Converter based STATCOM ", in International Journal of Computer Applications (IJCA), Vol. 44, No.18, April 2012, ISSN: 0975-8887, pp.22-26.

Research Papers presented in Seminars/Conferences/Workshops and Published in Proceedings:

1. **Mr.G.Sambasiva Rao**,Sr.lecturer and **Dr.K.Chandrasekhar,HOD** presented a paper "A Novel five level SPWM inverter system for dual fed induction motor drive" in international conference- 2012 IEEE International conference on Advanced Communication Control and Computing Technologies" on 23 to 25 August 2012 at Syed Ammal Engineering college, Tamilnadu.

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