



AVYAYA 2K15

ANNUAL REPORT

A very good evening to one and all, I extend my heartfelt greetings to all the dignitaries on the dais, special invitees, Heads of all the departments, Principals and Directors of Aurora group of institutions, all faculty members, parents and students. With great pleasure, I welcome you all to “AVYAYA - 2015”

It gives me immense pleasure in presenting to you the Annual Report of Aurora's Technological and Research Institute for the year 2014-2015.

Aurora's Technological and Research Institute, formerly known as Karshak Engineering College was established in the year 1999 and is affiliated to JNTU, Hyderabad for conduction of its courses. ATRI, one of the Engineering colleges under the umbrella of Aurora group of institutions, always caters to be a center of higher learning, provide excellent education in Engineering and Technology, and create an environment for quality research and entrepreneurship skills through world-class engineering and management education

On this occasion I take the privilege of presenting to you a few note worthy achievements of our institute during the current academic year.

At the very outset, I would like to express my gratitude to Dr Ramesh B Nimmatoori Secretary, Aurora group of institutions, Shri N. Raja Babu, chairman, Aurora group under whose aegis we could make tremendous progress in various fields during the past fifteen years.

I take this opportunity to present before you the achievements we had during the current academic year.

Three of faculty Ms. Jayasree from CSE department, Ms. Aparna Reddy and Mr. Vasanth from H&S department have been awarded Ph.d degrees this year. I congratulate all the three of them.

Ms.Sujatha from CSE department has submitted her thesis for evaluation recently.

Seven faculty members from various departments are pursuing their Ph.Ds.

Our faculty are striving hard to upgrade their knowledge by frequently taking part in various work shops, national and international conferences and seminars elsewhere as well as conducting knowledge enhancing programs in the institution. I wish to mention a few of them here:

The Electronics and Communication Engineering department conducted

- A Three day workshop for second year students on” Verilog programming”
- One day workshop to third year students on” Technical Platforms and Project selection” under IEEE students chapter.
- The department also Conducted 17 days training to final year students from reputed organizations like CDAC on “Embedded System Design” and “Digital System Design” to help them in their projects

CSE & IT department conducted

- Technical talk on Andriod Application Development
- Faculty Development programme on “ Know your PC”
- Technology training for IV yr students by Tech Fort IT Solutions
- Guest lecture on “ Science for People” by Prof. K. Babu Rao, IICT on the occasion of science day
- The department also Conducted 17 days training to final year students from reputed organizations

The Mechanical Engineering department conducted

- Signode India Industrial Tour for Mech III year students
- Technical Talk on Higher studies in other countries in corporate with Global Education Fair
- one day workshop on computational fluid dynamics

The Civil department conducted

- One Day Workshop given by IIT Hyderabad Team
- training program STAAD Pro and ETabs for IV Year B.Tech Civil Students
- Faculty development on AUTOCAD application
- Guest lecture on Essential and Necessity of Civil Engineering

The EEE department conducted

- Implant training program and an industrial visit to various organizations to improve their engineering attributes

Workshops conducted

- The EEE department Conducted 21 days software training to final year students from reputed organizations
- the department ensures to render knowledge to the students on current technology by having numerous industrial interactions with various companies

The H&AS department conducted

- a workshop on Skills Annexe, the prescribed text book for I B.Tech students
- FDP for about a week highlighting various aspects of planning and preparation, mnemonic techniques utilization of resources etc

ATRI faculty always strive to excel in teaching through continuous learning. Attending conferences and workshops is a part of our culture. This year too our faculty members attended national and international conferences.

Publications of faculty of various departments

14 papers are published by the faculty of the ECE department, 53 papers from CSE department, 3 papers from civil department, 1 from H&AS and EEE departments each - in various national and international conferences.

FDP and Teacher Training Programme

Faculty Development programs are an integral part of any academic institution. It offers opportunities for individuals, teams and departments to review and enhance their expertise in tune with the objectives of the organization. Accordingly, programmes are designed based on the specific objectives like focusing on the quality of the professional performance of the members of faculty and their implementation of curriculum in their roles as facilitators. Keeping this objective in view H&S dept conducted an FDP for newly recruited faculty for a week highlighting various aspects of Lesson planning and preparation, Mnemonic techniques, utilization of resources etc.

Professional bodies

The visionaries amongst the engineers thought it necessary in the early twentieth century to establish in India a professional society encompassing all disciplines of engineers. The sapling planted in the 1920 has, by now, grown to a big tree and the track record of The Institution of Engineers (India) has been a matter of pride for all engineers.

- The Students and faculty members of ATRI are members in various professional bodies like IEEE, ISTE, IETE, CSI, IAENG, IACSIT, CSTA
- Recently the IEEE student Branch conducted a Membership Engagement Initiative to create awareness on the chapter. On the occasion, ATRI IEEE face book page was created.
- The event INSPIRE was organized which focused on project development and research methodology in the field of engineering.
- A technical symposium was conducted, this year, on the impact of culture and technology to enlighten forthcoming engineers. Inspiring and motivating talks on on-line education and existing challenges were highlighted by the speakers. Students were spell bound by the talks on Sanskrit, Nataraj Statue at CERN, Vedic Sciences, and Significance of ZERO

- The ATRI WIE affinity group conducted the Star programme with the objective of encouraging the girl child to pursue higher studies. Students took classes electricity, computer and its basic parts and softwares.

Student Achievements

- The Students of all the departments are members in various professional bodies like IEEE, ISTE, IETE
- Students of the ECE department presented papers in IEEE conferences
- IEEE student branch organized Orientation programme on “Introduction to Computer” under ATRI WIE (Women in Engineering)
- orientation programme on “ Higher Education” for III yr students
- CH. Sai Charan final year student - A Mozilla India Representative organized a technical talk on “Web-development workshop
- Students of the Mechanical department participated in workshops like assembling and dismantling of IC engines
- 2nd year students participated in lathe operation in NSIC
- G.Venkatesh, a final year student secured 3438 rank in GATE examination held this year.

In-house projects

- In-house projects render hands-on experience to students. The relentless effort of our faculty in guiding the students in their projects is definitely commendable. All the final year students are now deeply involved in their projects.

Placements

- Students studying a professional course need to be groomed in order to gain confidence during the placements drive. Students should be able to face challenges without being overwhelmed. Students must go through various tests to strengthen their abilities. We at ATRI prepare our students thoroughly for the on campus and also off campus drives to see their efforts fruitful in the form of their bright careers.
- 90 Hrs of Intensive Campus Recruitment and Training Programme is arranged for Final Year Students by Lead Trainers from Industry from June 2014 to Nov 2014. 293 students have registered for the CRT programme

- Technical Training sessions are also arranged for Final Year Students by Inviting Lead trainers from Companies like Infosys.
- Company Specific training programs are arranged for enhancing the Selections before any Placement Drive wherein Internal faculty from H& S guided the students on group discussions and JAM Sessions.
- Online Mock tests are Conducted for Final Year Students as per Exam pattern of Companies.

Total Drives attended and Selections:

Till date 133 students are Placed in MNC Companies which include

Purple Talk, Infosys, TCS, Value Labs, Virtusa, Apps Associates, Dell, Tech Mahendra, Amazon, Eider Motors, Genpact, IBM, Sutherland, Micro Pyramid, Techno Identity Solutions, Manya Education Abroad, NTTdata, Sinsil International, Infobahn, USTech sol.

Company Wise selections

1.	Purple Talk	: 14
2.	Infosys	: 26
3.	TCS	: 03
4.	Virtusa	: 04
5.	Value labs	: 08
6.	Apps Assocaite	: 01
7.	Amazon	: 10
8.	Eider Motors	: 09
9.	Genpact	: 13
10.	IBM	: 13
11.	Micro Pyramid	: 03
12.	Techno Identity Sol	: 01
13.	Manya Education Abroad	: 02
14.	NTT Data	: 01
15.	Sinsil International	: 01
16.	Infobahn	: 14
17.	US Tech sol.	: 05
18.	Sutherland	: 05
19.	Tech Mahindra and Del.	

List of placement Drives Hosted at ATRI

1. Purple talk
2. Eider motors
3. Manya Education Abroad
4. Techno Identity Solutions
5. Micro Pyramid Informatics Pvt. Ltd

**** Indian Army recruitment hosted at ATRI for Third year where the Army Official held Interviews for 3 year students as part of University entry Scheme.****

Details of Internships with Pay:

9 of our ATRI Students are Offered Internship at Purple Talk with a pay of Rs. 7000/ pm

Library

‘Education and ‘Library’ are two inseparable - Indivisible concepts both being fundamentally and synchronically related to and co-existent with each other

Library and information centre at Aurora's Technological and Research Institute is an academic library, whose prime objective is to meet the academic needs of the engineering students for which it is created.

Our computerized library has a collection of 33800 books, 5350 titles, 2000 CD-ROMs and 110 periodicals.

A separate software “Aurora’s Digital learning center” is developed this year. Digital resources facilities such as INFOTRAC, Delnet online journal base is made available for students and staff . Number of e-journals and e-books related to various subjects are downloaded and can be accessed by students and staff.

The library will be shifted to the newly constructed building in the next academic year. The reading area is very spacious, can accommodate many students and is brightly lit up to make the student comfortable to sit and refer to the academic resources available in the library.

Sports

- Our college Foot Ball team participated in CMR foot ball cup and secured 2nd place
- Our college teams participated in Badminton, Kabaddi, caroms and chess in sports Bout 2K14
- Our badminton team secured Runner Up
- M. Kranthi kumar ECE Ilyr selected in softball for JNTUH team
- Mr. Sanjeev Kumar M.Tech student of this college secured Gold Medal in state level, National Level, International Level in game TAEK WONDO.
- G. Venkat Ramana, ECE Ilyr student got selected for JNTUH KHO KHO

NSS

- The National Service Scheme, NSS aims at understanding ourselves in relation with the community we live in.
- This year the NSS special camp was held in a village by the name Padmati Somaram which is located in Bibinagar Mandal and Nalgonda district by students of ATRI. The ATRI -NSS family spent seven days in the camp. During the seven days spent in the camp, the students have taken up issues like health awareness, importance of cleanliness , importance of educations and social evils pertaining in society.
- Students conducted a medical camp and served the patients with all dedication. Villagers had turned up in huge numbers at the Gram Panchayat.
- The Swachh Bharath introduced by the prime minister of India none other than Mr. Narendra Modi was carried out by the students. Students could accomplish this difficult task through proper planning. Students enjoyed themselves, learnt how to learn in life and returned with the valuable blessings of the villagers.

Festivities

- We at ATRI take part in all national festivals such as Independence Day, Republic day with all enthusiasm and fervor.

We also conduct

- Induction day for I B.Tech students welcoming them to our temple of learning,
- Teachers' day on Sep, 5 the birthday of Dr. Sarvepalli Radhakrishnan , former President of India and an eminent academician
- Engineers' day on 15th Sep the birthday of Bharat Ratna Sir Mokshagundam Visweswarayya

- Good governance day on 25th December on the occasion of the birth day of Bharat Ratna sri Atal Bihari Vajpayee, the former Prime Minister of India. On the occasion ATRI conducted elocution competitions to its students on the Importance of Good Governance in India. Students delivered their views with all conviction, after which the faculty gave them feedback. Winners were given away prizes.
- National Unity day - 31st October 2014 RASHTRIYA EKTA DIVAS AT ATRI to commemorate the birth anniversary of Sardar Vallabhai Patel

National Techno - Cultural Fest

- Fests are important for students in a professional arena to showcase their talents .This year a two day national techno-cultural fest was conducted in November at ATRI which photographed vivid memories in the students' minds. There were talks on technical issues by eminent people from industry followed by fun and frolic.

Ethnic Day

- Ethnic Day is a celebration which students look forward to every year. This year too ethnic day was conducted in the month of March. Students dress in traditional wear this day. Dancing ,Singing, Rangoli competitions etc. marked the fervor of the day

Convocation

- Aurora strives to impart education along with moral values and ethics thus carving students into a graduate. Snataka is a tradition of Aurora to applaud the student academic excellence. The Annual convocation extravaganza "Snataka'- Moments of Pride, for the 2010-2014 batch of graduating students of ATRI was conducted on a grand scale on 14th July 2014 at Shilpa Kala Vedika in Hyderabad. Gold medals and certificates of Excellence were awarded for the toppers in all branches of Engineering along with award of degree.

Ganesh Puja

- At Aurora, this festival is celebrated for five days. The students and the staff participate with great devotion. On the fifth day the Ganesh idol will be taken for *nimajjan* / immersion. On this day, the students take out a big procession and the students of all religions participate with great zeal and enthusiasm. This brings a great religious harmony among the students so that they develop respect for the other religions..

It is now time for me to thank everyone for their contribution in the progress of this institution.

I also congratulate each and every one for conducting all the activities successfully on the occasion of AVYAYA 2015

I thank all the guests for their presence for today's programme, our honourable secretary Dr. Ramesh B Nimmatoori and our chairman Sri Raja Babu garu

I also take this opportunity to appreciate all our faculty members for their strong support and guidance in moulding the students.

ATRI has conducted various seminars, conferences, workshops and guest lectures which give a scope for the all round development of the students, beside academics.

In addition to the existing blocks, one new building is inaugurated this year.