

Aurora Bulletin



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Aurora's Technological and Research Institute

Director's Message

Dear Readers,

Spring always ushers in a lot of enthusiasm and activity at ATRI, and February 2018 was no exception. Borealis 2k18 opened up a cornucopia of events – technical, cultural, sports and literary – all of which elicited an overwhelming response from colleges in the twin cities and outside. Borealis 2k18 provided an ideal platform not just for students to display their talent, but also for an interface between students of diverse backgrounds, attitudes, aptitudes, tastes and cultures. ATRI campus was abuzz with frenetic activity, with all departments organizing innovative and challenging technical events that exercised everyone's grey cells and sent even the geeks into a tizzy. The cultural events unfurled a kaleidoscope of colour and an array of foot-stomping numbers that saw a frenzied response from one and all. In all, Borealis 2k18, was not only an occasion that fostered a healthy competitive spirit, but also a platform to explore their leadership skills, teamwork and organizing skills. I hope all of you, faculty and students, keep the tempo and team spirit flying high, and bring laurels to the institute in the coming years.

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A plethora of myriad other activities - an LHH talk on entrepreneurship, National Science Day Celebrations, and NSS Activities like WoW, Kill cancer Awareness, Eye Camp and Awareness for Enrolment of Young Voters, were also organised to sensitize students towards their social responsibilities.

As we near the end of the end of the academic year, let us remember that the experiences we have gathered are not an end in themselves, but the beginning of another journey which may be replete with fresher challenges, more profound experiences and a desire to explore greater heights.

To conclude with Tennyson's words from Ulysses :

All experience is an arch wherethrough

Gleams that untravelled world

whose margin fades for ever and for ever when I move

So let us strive to attain limitless knowledge, wisdom and whatever experiences life grants us, because all of them can go a long way in moulding our personalities and shaping our lives.

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College Events

BOREALIS 2K18 INAUGURATION

The inaugural ceremony of the much-awaited National Level Technical-Cultural-Literary Fest of our College, Borealis, was held on 02 February 2018 at 10.00 AM in the Seminar Hall. In a pleasant departure from regular custom, the ceremony began with a 'welcome dance' by Ms. Sai Chandana, CSE-II, who performed a bharatanatyam dance set to a kriti by Swati Tirunal. The Director of our College, Prof. J. Srikanth, the Convenor of Borealis 2K18, Dr M. C. Ajay Kumar, Professor & Head, Dept. of H & AS, were invited on to the stage and greeted with flowers, along with all the co-convenors of technical and literary events. The function took off with the lighting of the auspicious lamp by all the dignitaries. A beautifully rendered invocation song set the perfect tone for the rest of the function. Dr M. C. Ajay Kumar formally welcomed the dignitaries present on the dais, participants, colleagues & students. He talked about the significance of Borealis and its aim in bringing together students from all over India with a significant participation from our own College. He also gave brief introductions to the various events that would be unfolding in the coming two days. As the registrations for various events had concluded by then, Dr Ajay Kumar was also able to give us the number of registered participants for various events and said that the numbers were hugely encouraging.

Prof. J. Srikanth, Director, talked about the history of Borealis and the importance of such tech-festivals in the lives of students and in the life of the College. Through his speech, he motivated all students to actively participate in the tech-festival and wished for the success of Borealis. Prof. Srikanth also released the publicity video of Borealis. Dr Ajay Kumar and Prof. J. Srikanth also thanked the members of Students Activity Committee (SAC) for working hard to put together Borealis in a short period of time and thus ensuring a glitch-free commencement to the two-day tech-fest. The vote of thanks was proposed by Mr Kranthi Kumar, Dept. of Civil Engineering. B. S. Ramya and Y. Saranika did an admirable job of anchoring the programme.

AWARDS CEREMONY – DAY 1

The Awards Ceremony for technical and literary competitions conducted on Day 1 of Borealis 2K18, was held in the Seminar Hall at 3.30 PM. Mr V. B. Chadha, CEO, Amis Engineers, our Chief Guest for the evening, Prof. J. Srikanth, Director of our College, Dr M. C. Ajay Kumar, Prof & Head, Dept. of H & AS and Convenor of Borealis 2K18, were invited on the stage. Mr V. B. Chadha was introduced to the gathering and was welcomed with a bouquet of flowers. Dr Ajay Kumar presented a detailed report on the events of the day and said that it was a challenge to conduct all these events in one day, involving so many participants from other colleges and praised the efforts of everyone involved in conducting the competitions.



Mr Chadha, in his speech spoke about the importance of healthy competition among students and said that this spirit would hold them in good stead in their careers. He applauded all the participants for their competitive spirit. Mr Chadha, Prof. Srikanth and Dr Ajay Kumar gave away the prizes to the winners. Prof. Srikanth congratulated all the winners and praised the efforts of the co-convenors and student volunteers for doing a splendid job throughout the day. Mr. N. Kranthi Kumar, Asst. Professor, Civil Engineering proposed the vote of thanks. The entire ceremony was ably compered by B. S. Ramya and Y. Saranika.



CSE - TECHNICAL EVENTS

1. Poster Presentation

The students were asked to prepare posters on the latest trends in computer science application and were given 5 minutes time for the explanation. The posters included some topics such as Intelligent Railway systems, Fashion Management, Robotics, Trends in CoS etc.



2. Paper Presentation

The students were asked to present a paper on the latest trends in computer science application and were given 8 minutes time for the explanation. Majority of the presentations were related to the latest technologies in Computer Science and some of them were from Cloud Computing, Data Mining and Security areas.



3. Tech Riddle

Some riddle questions were projected on the screen and students were asked to show the result on their mobile phones within a limited time. Two rounds were conducted and winner & runner teams were selected. The event focused on new technologies, inventions & inventors. It develops spontaneity & ability to build relativity between an image & its usage.



4. Code Junkie

This event focused on the abilities of students to write the logic for a given problem as well as coding them with minimum no. of lines. Two rounds were conducted for filtering and winner & runner teams were selected. The first round consisted of questions for which answers were to be written and second round consisted of implementation/execution of tasks on the systems.

5. Visual Buzz

Some visuals were projected on the screen and students were asked to relate it to the question and answer within a limited time. Two rounds were conducted for filtering and winner & Runner teams were selected. The perception of a student and his ability to relate that to a concept was the skill required. As the queries were easy, the ability to respond quickly was also a factor here for winning.

ECE TECHNICAL EVENTS

1. Paper Presentation

The aim of this event was to help students deliver technical content in the form of presentations. Each team consisted of two students. A total of 19 teams participated in this competition. The papers adhered to IEEE format not exceeding four pages. The presentation time was for 8 mins and queries for 2 minutes for each paper. LCD projectors were provided for demonstration.



2. Poster Presentation

The aim of this event was to exhibit ideas/ themes using charts in which photos & diagrams can be pasted systematically. Each team consisted of two students. Total of 25 teams participated where the student indicated the poster title on top, author names and the institution centred at the bottom of the poster and lay their poster sections in a logical order. Explanation time was 8 mins and queries for 2 min for each poster.



3. Circuit Fixer

This competition involves identification, designing & building of circuits. The event began with a written test followed by component identification, designing single stage and multi-stage circuits. Thirty one teams participated. Each team consisted of two students. In all the rounds, participants were expected to complete the task in a stipulated time.



4. Puzzletronics

A puzzle is a task where one needs to fit separate pieces together, or a problem or question which has to be answered by using one's skill or knowledge. The Puzzletronics has a written test followed by circuit puzzle and finally a crossword puzzle. 37 members participated. In all the rounds, participants were expected to complete the task in a stipulated time.



EEE TECHNICAL EVENTS

1. Technical Quiz

The main purpose of the technical quiz was to enhance the technical knowledge along with cultivating group activity skills. There were 3 rounds in the technical quiz, the first round was written test, which consisted of all technical questions. Second round related to GK and third round related to technical questions.

14 groups participated. In the first round each group had a maximum of 3 members out of 14 groups, 5 groups were selected for the second round and 4 groups were selected for the third round. The faculty co-ordinator for technical quiz was V. Prasanna Laxmi Sr. Asst. Prof EEE dept and the Judge was S. Laxmi Prasanna Assoc. Prof EEE dept.



2. Paper Presentation

The main purpose of paper presentation was to broaden the depth of knowledge related to that field and presenting a paper can explore many hidden talents. It makes the students updated with recent advancements in technologies. The faculty co-ordinator for Paper Presentation was G. Vijay Krishna Assoc. Prof EEE dept and Judge was M.Devadas Assoc. Prof EEE dept.



3. Innovation-X

A total of 13 batches participated in Innovation-X out of which 5 batches were selected for 2nd round. In the first round a circuit was given to find out the output voltage practically by connecting the circuit on the bread board and in the second round a very critical circuit was given to find the output voltage and current. The faculty co-ordinator for innovation-x was S. Laxmi Prasanna, Assoc. Prof EEE dept and the Judge was V. Prasanna Laxmi, Sr. Asst. Prof EEE dept.



4. Robotics

Robotics is an interdisciplinary branch of engineering and science that includes Mechanical Engineering, Electrical Engineering, Computer Science, and others. Robotics deals with the design, construction, operation and use of robots, as well as computer systems for their control, sensory feedback, and information processing. This type of engineer is responsible for creating several different types of robots that are used to complete a variety of different tasks. Prior to a robot being constructed, the engineer should first research and determine exactly what the robot will be used for, and the manner in which it will accomplish its goal. The faculty co-ordinator for Robotics was P. Vishnu, Sr. Asst. Prof EEE dept. and the Judge was G. Vijay Krishna Assoc. Prof EEE dept.

Unity is Strength....
when there is teamwork and Collaboration,
things can be achieved

MECHANICAL TECHNICAL EVENTS

1. Bridge a Gap

The Bridge a Gap competition attracted a huge response from students. The main task was to construct a bridge that can withstand the given weight within a given time. Mr. M.Anil judged the competition. Students from CVSR, NNRG and ATRI participated in the event.



2. Engine Console

In the Engine Console competition students from CVSR, NNRG and ATRI participated. The main task was to Assemble and Disassemble the engine parts within a given time. Mr. M.Anil judged the competition.

3. Poster presentation

In this competition students presented posters on topics like Digital India, Royal Enfield, Energy Savings, Green Environment etc. They explained about all the topics with lot of enthusiasm. Mr. Dilip Maha judged the competition.

4. Paper presentation

Students presented papers on topics like Bio-fuel - the Future of energy, Hyper Loop train, Mechanical Clutches etc. They explained about all the topics in a very interesting manner. Mr. Dilip Maha judged the competition.

CIVIL ENGINEERING

1. Paper Presentation

Paper presentations on "Techniques & Methods of Rural Development" helped in understanding how to develop the rural areas in a modernized way such as Developing the irrigation techniques for cultivation of lands, Awareness on communications & new technologies, Improvement in transportation, Developing the new construction techniques with minimal resources available in areas, Generation of power from new methods, etc., were the topics covered by students for development of rural areas.

2. Poster Presentation

Students from final year showed interest in presenting their mini projects in the form of paper & poster presentation to give a briefing of their projects to junior students. Students from 2nd & 3rd years presented posters on "Global warming effect on seasons" representing different ways of increase in pollution and their effects. Mr. Zoheb Ali khan and Rayees Ahmed presented a poster on how pollution is getting increased in day to day life and depleting ozone layer. Adithya Rao and Kanaka raju explained how urbanization leads to deforestation, decrease in Ozone layer and its effect leading to melting of ice bergs and increase in pollution.

3. CAD Master

It was conducted for 2nd, 3rd & 4th years in Auto CAD Software with a given 2HK plan for about 30 minutes. Student who could draft the plan with detailed elevations & dimensions of room, walls, windows, etc..., in the given time with perfection were evaluated. CAD Master tests the fastness of work and abilities in students. Students from 3rd year Daniel & Vishal completed the given plan with detailing & sections standing in 1st & 2nd places respectively.

4. 3 D Modelling

In this competition models were prepared using any material the day before and were presented in the college on the day of the event. Models like bridges, dams, buildings, flyovers, canals, towers, etc., were displayed in working prototypes or static models. Models presented were evaluated based on the finishing of the work, detailed explanation of the model in structural aspect, benefits of structure in real life & materials used for the structure and reason for usage. Sushma from 3rd year presented a model of Eiffel tower, Preethi & Prathyusha from 3rd years made a working model of London Tower Bridge for which they were awarded the best designers.

5. Build the Strongest

Students who participated in 'Build the Strongest have given their best to make bridges of different models to bear the maximum load. The main aim of this competition was to bring out innovative ideas in students to build a structure which is technically good and strong enough to bear the load. Students from first year to final year have shown their interest by participating in the event. Based on their interest, students prepared suspension model, truss frame model, railway bridges, etc., after the frames are prepared. The models were tested by adding the loads on it until the frame is deflected. The structure which could bear the maximum load without failing was awarded as the strongest bridge. In this competition Harsha & Tejaswi from 1st years built the bridge which a maximum bearing capacity of 7kgs and Sumanth & Aravind from 3rd years bridge could take a load of 6.5kg.



PRIZE WINNERS : TECHNICAL EVENTS

Computer Science and Engineering

| S.NO | Name of Event | Winners | Runners |
|------|---------------------|--|---------------------------------|
| 1 | Paper Presentation | Nomesh and SaiKiran,AECBhongir Vyshanavi,Tanija Bhavan's Vivekanda College of Science | Rahul Mahadevan, ATRI |
| 2 | Poster Presentation | M.P.Saranika,ATRI | Ramadevi,Sowmya ATRI |
| 3 | Visual Buzz | M.ShashiHumar,M.Bhanush ATRI | Sushitha, Radhikapatali,ATRI |
| 4 | Code Junkie | Ch.Alekya, ATRI | Harsh Nandwani, ATRI |
| 5 | Tech Riddle | Shashi Kumar .M.Bhanush.M ATRI | Rahul Mahadevan R.S 2.Pranav |

Civil Engineering

| S.NO | Name of Event | Winners | Runners |
|------|---------------------|------------------------------------|-----------------------------|
| 1 | Paper Presentation | Mani Teja, Ganesh, ATRI | Lavanya, Jessy ATRI |
| 2 | Poster Presentation | Zoheb Ali Khan, Rayeez Ahmed, ATRI | AdityaRao, Kanakaraju, ATRI |
| 3 | CAD Master | Daniyal G, ATRI | Vishal.K, ATRI |
| 4 | 3D Modelling | Sushma, ATRI | Preethi, ATRI |
| 5 | Build the Strongest | S.Harsha, A.Tejaswi, ATRI | Aravind, Sumanth, ATRI |

Electrical and Electronics Engineering

| S.NO | Name of Event | Winners | Runners |
|------|--------------------|--|---|
| 1 | Paper Presentation | AbhilashJoshi,G.NatarajATRI | K.SaiKumar,Ch.RakeshGoud ATRI |
| 2 | Robotics | B.Telesh ,CMR College of Engineering | - |
| 3 | Innovation-X | G.Keerthi,M.Anusha ATRI | A.Aarthi,M.Manisha ATRI |
| 4 | Quiz | P.Sai Sumanth Reddy, A. Vamshi Krishna and P.Sai Sharath , EEE II | C.Vaishnavi, M.Vasavika Reddy and G.Kaveri, EEE- I |

Electronics and Communication Engineering

| S.NO | Name of Event | Winners | Runners |
|------|---------------------|--------------------------|-----------------------------|
| 1 | Paper Presentation | P.Vinay,P.Sai Kumar ATRI | B.Santhosh, M.SaiUthej ATRI |
| 2 | Poster Presentation | P.Nikhila,M.Moulika ATRI | S.Bhavani ATRI |
| 3 | Puzzle Tronics | K.Chandana ATRI | C. Bhavani ATRI |
| 4 | Circuit Fixer | G.Harini ATRI | G.Haripriya ATRI |

Mechanical Engineering

| S.No | Name of Event | Winners | Runners |
|------|---------------------|--|--|
| 1 | Paper Presentation | M.Praneeth,Ch.Bhargav CVSR | G.S.JayavanthKumar,T.Ruthvik CVSR |
| 2 | Poster Presentation | Balendra Patel , SaiTeja ATRI | V.Ravindra,M.Vamshi ATRI |
| 3 | Engine Console | NenavanthRakesh,V.ShivaRaj,ChSai Ram ATRI | Faisal Siddeq, G.K.Vardeboina, K.Vamshi Bhargav |
| 4 | Bridge a Gap | D.RamPrasad,P.VeeraPrasad, Pranjali ATRI | Nandajit,SyedHyder Danish ATRI |

LITERARY EVENTS

Department of H&AS organized Short Story and Poetry Writing, JAM Session, Painting & Sketching competition and Debate competition under Literary Activities for Borealis 2K18 on 02 February 2018. These events were conducted to draw out the skill of thinking on their feet, presence of mind, public speaking talents, creative and literary talents, artistic talents and debating skills of students. More than 50 students from ATRI and other colleges participated in these events. The student members of the Literary Club organised these events in an efficient manner. Dr P. Bharathi, Professor, Dr B. Sandhyaa Rani, Assoc. Professor, Dr S. Jayasrinivasa Rao, Professor, Ms Kadambari Devi, Assoc. Professor and Ms Ahalya, Asst. Professor from department of English, officiated as judges for these competitions and Dr Poonam Minocha, Professor, English, was the convenor of the Literary Activities of Borealis 2K18.



LITERARY PRIZE WINNERS

| S.No | Name of Event | Winners | Runners |
|------|------------------|---|--|
| 1 | Painting | A.Shivani, ATRI | Tanuja, ATRI |
| 2 | Sketching | Kedar Kastur, AEC | |
| 3 | Creative Writing | Nithin, N. Kutty, AEC | Sanjana Shetty, ATRI |
| 4 | Poetry Writing | M.Sruthi, AEC | |
| 5 | Debate | B.S.Ramya , ATRI, Sanjana Shetty, ATRI | V.NiteshReddy, AEC Divya Bhavani, AEC |
| 6. | JAM | K. Pranav CSE-IIIC | C. Akshay, AEC, Rahul Mahadevan IT-II ATRI |

CULTURAL EVENTS

The cultural extravaganza started with a battle of preliminary rounds of various cultural off-stage and on-stage events. Students from various colleges like Bhavan's Vivekananda College, Vardhaman Engineering College, Aurora Engineering College, Aurora's Science, Technology and Research Academy participated in the competitions. The events were coordinated by the Nrithya Club, Suswara Club and Students Activity Council of ATRI. The on-stage competitions included Rangoli, Mehendi, Face painting, Photography and Sketching; off-stage events included singing, dance, skit, instrumental, adaptune, fashion show and short film. Dr. K. Nagajyothi, Dean, R & D was the coordinator of the Cultural events.



A Zumba session lead by Ms. Roney was held at the end of the preliminary rounds in which the audience enthusiastically participated. The session was followed by an enthralling Rock Band show by De Chant team. The Grand finale of Borealis was inaugurated by Mr. J. Srikanth, Director. A classical dance performance by Ms. Anujna. Nrithya Club crew attracted the gathering by their magical dance postures. Nrithya Club crew performed a flashmob. Mr. M.C. Mike graced the grand finale as the Guest of Honour along with his crew and presented a wonderful show. Ms. Sri Veena Vani, the renowned Veena Player was the special guest of the Grand finale. All the guests were felicitated by the director with a potted plant, shawl and a memento. The finalists of Borealis competed with special performances of Suswara Club and Nrithya Club. The prizes and certificates were distributed by Mr. J. Srikanth. Dr. K. Nagajyothi, Coordinator of the cultural club presented the vote of thanks. The programme concluded with a DJ entertainment.

CULTURAL PRIZE WINNERS

| Event | Prize | Name/Group |
|--------------|-------|--|
| Solo dance | I | Badri Rakesh (Ethames) |
| | II | M. Divyasree (ATRI) |
| Solo Song | I | D. Lakshman (Vardhaman) |
| | II | M. Sahithi (Bhavan's Vivekananda) |
| Duet dance | I | Kishore & Gowtham (Bhavan's Vivekananda) |
| | II | Pravallika & Niranjana (ATRI) |
| Group Dance | I | Anuker and team (Bhavan's Vivekananda) |
| | II | Deeksha & team (ATRI) |
| Duet song | I | Sairam & Sahithi (Bhavan's Vivekananda) |
| | II | Pooja & Suraj (ATRI) |
| Instrumental | I | B. Dixith (ATRI) |
| | II | GVNS Pravallika (ATRI) |
| Ramp Walk | I | Anuker (Bhavan's Vivekananda) |
| | II | M. Dhivyasree (ATRI) |
| Skit | I | Anuker & team (Bhavan's Vivekananda) |
| Mehandhi | I | Aneesha (ATRI) |
| Rangoli | I | Revathy & team (ATRI) |
| | II | Spandana & team (ATRI) |



ATRI IN MEDIA

క్యాన్సర్ పై యువత అవగాహన కల్పించాలి

మేడిపల్లి: దేశ వ్యాప్తంగా క్యాన్సర్ బాధితులు ఎక్కువ అవుతున్నారని వ్యాధి పట్ల అవగాహన కల్పించాలిని బాధ్యత యువతపై ఉందని నగరంలోని ఇస్కాన్ డేవాలయ సభ్యులు మహాశృంగదాస్ అన్నారు. గురువారం మేడిపల్లి మండల పరిధిలోని పర్వతాపూర్ అరోరా కళాశాల జాతీయ జేవాపదకం(ఎస్.ఎస్.ఎస్) విభాగం విద్యార్థులు, ఇస్కాన్ ఆలయ నిర్వాహకుల ఆధ్వర్యంలో 'కిల్ క్యాన్సర్' పేరుతో అవగాహన కార్యక్రమంతో పాటు వ్యాసరచన పోటీలు నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా హాజరై మాట్లాడుతూ అన్ని ప్రాంతాలలో వ్యాధి పై విస్తృతంగా అవగాహన కల్పించాలన్నారు. అనంతరం విజేతలకు జ్ఞాపికలు, ప్రశంసా

పత్రాలు అందజేశారు. కార్యక్రమంలో కళాశాల డైరెక్టర్ శ్రీకాంత్, వేణు, విద్యార్థులు ఆయా విభాగాల అధ్యాపకులు తదితరులు పాల్గొన్నారు.



విజేతలకు జ్ఞాపికలు అందజేస్తున్న ఇస్కాన్ ఆలయ సభ్యులు మహాశృంగదాస్

గ్రామీణులకు సేవలు అభినందనీయం

కుత్బుల్లా పూర్(అబ్దుల్లాపూర్ మెంట్): విద్యార్థులు బాధితుల సేవ వేరులో భాగంగా గ్రామీణులకు సేవ అందించేందుకు పల్లెలకు రావడం అభినందనీయమని



కుంటి నరేంద్రులు నిర్వహిస్తున్న నైపులు ఆబ్దుల్లాపూర్ మెంట్

ముదలం కుత్బుల్లాపూర్ గ్రామ సర్పంచి నేతలార సుధాకర్ పేర్కొన్నారు. కుత్బుల్లాపూర్ గ్రామంలో ముదాకదారం ఉప్పు లోడు చెందిన అరోరా చిక్కాబజిత్ అండ్ రిసెప్ట్ షాపు ట్యూట్ కళాశాల ఎస్ఎస్ఎస్ విభాగం ఆధ్వర్యంలో వానర్ అ రే వారి సౌజన్యంతో ఏర్పాటు చేసిన ఉచిత కుంటి నైపు శిబిరాన్ని ఆయన ప్రారంభించారు ఈ శిబిరంలో గ్రామానికి చెందిన సుమారు 300 మందికి నైపు పరీక్షలు నిర్వహించారు. 100 మందికి కుంటి అధ్యయనం అందించారు. ఈ ఏడాది అరోరా కళాశాల ఆధ్వర్యంలో కుత్బుల్లాపూర్ గ్రామాన్ని దత్తవ సీమలగా అభివృద్ధి కార్యక్రమాలను చేపట్టి గ్రామస్థుల శ్రేయస్సు కోసం పాటుపడతామని నిర్వాహకులు ప్రకటించారు. కళాశాల ఎస్ఎస్ఎస్ అధికారి డి.మణిగపాల్ రెడ్డి, 50 మంది ఎస్ఎస్ఎస్ విద్యార్థులు పాల్గొన్నారు

క్యాన్సర్ పై అవగాహన కల్పించాలి



కార్యక్రమంలో పాల్గొన్న నిర్వాహకులు, విద్యార్థులు

మేడిపల్లి, ఫిబ్రవరి 22(ఆంధ్రజ్యోతి): ఎస్ఎస్ఎస్, ఇస్కాన్ కూకట్పల్లి ఆలయం సంయుక్తాధ్వర్యంలో క్యాన్సర్పై అవగాహన కార్యక్రమం నిర్వహించారు. పర్వతాపూర్లోని అరోరా డిక్వాలిటీ రిసెప్ట్ ఇన్స్టిట్యూట్లో గురువారం 'కిల్ క్యాన్సర్' పేరుతో అవగాహన కార్యక్రమం జరిగింది. ఈ సందర్భంగా ఇస్కాన్ డేవాలయం కూకట్పల్లి మేనేజర్ మహా శృంగదాస్ మాట్లాడుతూ దేశ వ్యాప్తంగా నానాటికీ ప్రాణాంతకమైన క్యాన్సర్ వ్యాధి బాధితులు పెరిగిపోతున్నారని ఆందోళన వ్యక్తం చేస్తూ దీనిపై యువత ముఖ్యంగా విద్యార్థులు ప్రజలకు అవగాహన కల్పించాలిని బాధ్యత ఉందని పేర్కొన్నారు. పౌష్టికాహారం తీసుకోవాలని ఆయన సూచించారు. కళాశాల డైరెక్టర్ శ్రీకాంత్ జైట్ల మాట్లాడుతూ క్యాన్సర్పై విస్తృత అవగాహన కల్పించడం అవసరమన్నారు. ఇదే విషయమై విద్యార్థులకు వక్రత్వ పోటీలు నిర్వహించి విజేతలకు జ్ఞాపికలు, ప్రశంసాపత్రాలు అందజేశారు. కార్యక్రమంలో ఎస్ఎస్ఎస్ ప్రోగ్రాం అఫీసర్ వేణుగోపాల్ రెడ్డి, కళాశాల అధ్యాపక బృందం, విద్యార్థులు పాల్గొన్నారు.

BOREALIS SUCCESS MEET

Addressing the success meet, the Convenor, Dr. MC Ajay Kumar sounded a positive note that the two-day TechFest gave a fantastic platform to students to learn and connect with the latest technologies. He especially congratulated the members of the SAC for the positive contributions they made, the dynamic support extended all through the conduct of Borealis 2k18 and brought to a successful finish. He congratulated the winners for their positive energy and exploring the opportunity to discover technocrats for future technology.

The Director, Mr. J Srikanth congratulated the coordinators of the various teams for their coordination, support and successful conduct of the Techfest. He said that while the future of the technology unfolds during such technical festivals, it offers an excellent opportunity for students to exchange ideas and synthesize new ones. He stated that the efforts of SAC, Convener, Co-Conveners, faculty and student volunteers were worthy of high praise and extremely commendable with a sense of purpose. ATRI can do many more events like this, he said. We can bestow responsibility on students hereafter. SAC initiated and inspired us for the event. He expressed sincere appreciation on the leadership qualities of the Convener and carrying out the Techfest with timely guidance and support. One suggestion put forward by the Director was to increase the number of participants to provide strategic publicity so that information can be accessed by all Engineering colleges as it is a National level fest.

Later. Dr. MC Ajay Kumar, Convener – Borealis 2018 congratulated the winners of the TechFest, thanked the individual Conveners, co-conveners of the various Tech Fest Committees and the student volunteers for making the two-day tech fest a grand success. Listing out the names in the ranking order he first expressed his gratitude to Ms. Nagajyothi, Dean, R&D for the overall support. He thanked the Faculty Coordinator SAC Dr. B. Sandhya Rani, H&AS. A special thank you note was extended by the Director as well to the Flash Mob who cheered up the audience by their best performance and gave downright publicity across the colleges in the twin cities. The Advertising committee was offered special thanks for providing their best with enough zeal and zest. The Convenor remarked that Student registration committee made a complete knock out for their spontaneous efforts. Once again, the Heads, Co-conveners, faculty and student coordinators from every department [CSE, IT, ECE.EEE.ME, CE, H&AS, PD] were complimented on the excellent work done. Assistant Registrar. N. Bala Krishna Reddy was also thanked for the timely support both material and otherwise. The convenor thanked Literary Club – Intellectus Literatura for coming out with some exciting events to keep the spirit of the fest high. A special mention of appreciation was extended to Ms. Nagajyothi, the Coordinator of Nrithya Club for the conducting a marathon round of intercollege dance competitions and regaling the audience with traditional dances and a mix of lovely dance numbers. Suswara club known for their music band was thanked for giving some refreshing numbers during the grand finale. Kreeda, the Sports Club was praised for bringing out the sporting spirit of students amidst the brainstorming tech competitions. The convenor expressed his gratitude at the panoramic coverages of ATRI apertures. Mr. Amitesh and Ms. Akshaya of Student Discipline Committee were also thanked for arranging Zumba Dance.



Thank you notes were extended to Mr. Nagesh, Design Head, Aurora Consortium and other two students of Website Design Committee and Mujtaba Hussaini of Mech - IV for getting sponsors and fund raising for the event. One student sponsor of B.Tech I yr was thanked for her spontaneous response. Last but not the least, the Convenor thanked the non - teaching staff, the electricians, the bus drivers, sweepers and attenders for their prompt services.

Literacy Helping Hands – Talk on Entrepreneurship

LHH Talks is a new initiative by the ATRI chapter of LHH(Literacy Helping Hands), an NGO dedicated to the advancement and expansion of literacy in various groups of society. The speaker for the session Sri Charan Lakkaraju is the CEO and Founder of Stumagz. Sri Charan has been described by those who know him as an aggressive, patient, skillful, but above all, an incessantly enthusiastic man. When he delivered his talk on entrepreneurship in our seminar hall, we were treated to a glimpse of all these. The speaker's own background and life experiences are something that most engineering students can relate to. The session was therefore very inspirational and motivational to the students who have questions and hesitance regarding entrepreneurship. The speaker shared with the students some important traits to cultivate when starting out as an entrepreneur: passion, innovativeness, problem solving, the ability to integrate personal and professional life, prioritization, and timing. These were explained alongside examples of various famous startups such as SWIGGY, OLA, AMAZON & UBER.

After the compelling talk, various questions were answered by the speaker in a frank and revealing manner. This aspect was well received by the students who were tired of listening to overused platitudes. Some of the highlights of the talk include the speaker's advice on what practical steps can be taken for the advancement of skills and experience. He elaborated on the importance of being able to locate problems in day to day life and finding viable solutions to them. As experience is vital for students, he insisted that the students try to do as many internships as they can, to gain practical knowledge on how things work. Importance was given to communication skills and willingness of the student to be exposed to the professional world. Overall, the speaker, Sri Charan received a lot of praise by the students and the faculty for his captivating talk on entrepreneurship and the potential of students to engage in it.

National Science Day Celebrations

To create awareness among students regarding sustainable energy resources, ARITRI Club of ATRI, in collaboration with TS COST(Telangana State Council of Science and Technology), conducted a JAM session and Debate competition on the eve of National Science Day, 27th Feb, 2018. The Chief Guest, Ms. Krishnaveni, member secretary, TSCOST, also the joint secretary of MOEF, addressed the gathering. She spoke about the threats to our energy resources, and gave effective and viable solutions that can be implemented in our daily lives. An active discussion ensued.

The topic for the JAM session was “Can we find sustainable solutions for energy, water, food stuff?” Students came up with many innovative ideas and feasible solutions to the environmental causes in the global scenario. A Debate on the topic 'Does Science and Technology give us sustainable solutions for our future?' followed. Participants aired their views in a cogent and logical manner, which provided a lot of food for thought.

The students who were adjudged the best speakers were :

| | | |
|----------|---|--------------|
| Sadashiv | - | CSE II (JAM) |
| Diwakar | - | (Debate) |

They were awarded prizes and certificates in a programme organized on 28th Feb, 2018 by TSCOST. Around 150 students were benefited by this



NSS ACTIVITIES

Awareness Programme For Enrolment Of Young Voters :



The volunteers of ATRI NSS unit conducted an awareness programme for enrolment of young voters at 10 am on 14-02-2018 on college campus. NSS P.O, D. Venu Gopal Reddy conducted the event. Around 100 students and faculty members registered their new voter IDs. The event was a grand success. The Election Commission has initiated the system of Voter ID cards. The unique voter ID card is issued to all people who are eligible to cast votes. Once a person successfully applies for a

voter ID, he/she gets listed in the electoral rolls.

Steps to apply for voter card online:

- Visit the official website of National Voter's Service Portal (<http://www.nvsp.in/>)
- Click on Apply online for registration of new voter.
- Form 6 will appear in front of you, which you need to fill and submit
- Mandates for applying Voter ID for General Electors
- Scanned photograph
- Age Proof (Birth certificate, Mark sheet of Class X, PAN card etc.)
- Address Proof

EYE CAMP AT QUTBULLAPUR VILLAGE

ATRI NSS UNIT in coordination with VASAN EYE CARE, Hyderabad conducted an eye camp in the adopted village Qutbullapur on 20-02-2018 from 10 am to 3 pm. Around 250 villagers attended the eye screening in the camp and were diagnosed with different eye diseases and given treatment. A good number of aged people required immediate attention to their eyes. The team of doctors found that around 30 members from the village were suffering for cataract problems and they suggested that operation is mandatory. They can visit VASAN main branch Dilsukhnagar for operation. All the volunteers actively participated in the camp under the guidance of NSS programme officer D. Venugopal Reddy .



SPORTS NEWS

- Our college team participated in the National Level Throwball and Kabaddi Tournaments held at VNR Girls College on 1-2-2018.
- MS. Sindhuja , ECE-II, participated in the participated in the All India Inter University Softball Tournaments held in /Punjab from 6-10 February 2018.
- Mr. Jaya Krishna participated in the All India Inter University Softball Tournaments held in Haryana from 20-27 February 2018.
- Our college Cricket team participated in the D-Zone Cricket Tournament held at VBIT , Ghatkesar on 26-27 February 2018.
- Our college team participated in the D-Zone Kabaddi Tournament held at NNRG , Ghatkesar on 26-27 February 2018.

Inauguration programme by WOW (Well being out of Waste):

The volunteers of ATRI NSS unit attended the WOW (well being out of waste) inauguration programme at Ramanthapur. About 100 volunteers participated in the event. The event was organised to bring about awareness among society and people on segregation of wet and dry waste. The main aim of the mission is to make the city clean and hygienic by recycling non edible waste. The event was inaugurated by Honb.MLA Mr. NVSS Prabhakar who encouraged the volunteers with his motivational speech about Swachh Sarvekshan mission. Our volunteers were divided into 8 teams and each team was guided by Ramanthapur



Women Welfare Association leaders. Each volunteer was given the task of visiting surrounding houses and informing the residents about segregation of wet and dry waste in separate bins. The GHMC people already distributed blue and green dustbins to each and every household along with a reference sticker on which details about the mission was completely mentioned. The valedictory speech was given by the GHMC commissioner.

Kill Cancer Awareness Programme

Kill cancer awareness program was conducted by ATRI NSS coordination with ISKCON temple, Kukatpally on February 22nd. The chief guest was the chairman of ISKCON Kukatpally, Sri. Mahashringadas garu. The event started at 2:00 pm in the presence of the director Srikanth Jatla and NSS programme officer D. Venugopal Reddy. The Director and chief guest spoke about the disease cancer and the major reasons that cause cancer and how to prevent them.

Since prevention is better than cure, the chief guest was cautioning the students about the food habits and life style that we have to maintain in order to be healthy and fit. There was also an elocution competition and students participated very actively and gave their views regarding the topic "Kill cancer". The winners were given prizes and appreciation certificate and all the participants were given participation certificate by the chief guest.

Winners : I Prize – K Pranav CSE-III

II Prize – Sadashiv Tej IT-II

III Prize- Rahul Mahadevan IT-II



ACHIEVEMENTS

Faculty Achievements

- Dr. Ekbal Rashid and Madhup Kumar , CSE Department published a paper titled “Software Fault Prediction Using Case-Based Reasoning: A Comparative Analysis” in the International Journal of Advanced Research in Computer Science, Volume 9 Issue 1 January - February 2018 . ISSN: 0967 -5697
- Ms. N.Nirmalajyothi, Assoc. Professor, CSE, participated in the International conference on "Latest Trends in New Era of Engineering ,Science, Arts ,Management, Agriculture, Law, Pharmacy and Medical Science" held on February 25th and 26th 2018, at the International Institute of Advanced Research .
- Dr. K. Nagajyothi, Dean ,R & D filed and published a patent on “Wearable device for curing eye problems” and published it. (Ref : F24F, 11/42, dt. 16/02/2018)
- Dr. K. Nagajyothi, Dean,R & D received “Youth Worker Award” from Ministry of National Policies & Economic Affairs, Govt of Sri Lanka for the contribution towards awareness on Environmental Sustainability.
- Mr. P. Vishnu and Mr. K. Niranjana, EEE department have attended an FDP programme at IIT Hyderabad on Pedagogy and ICT on 11th Feb 2018.
- Ms. M. Chaitanya , Assoc. Professor and Pranav R, Asst. Professor, Mechanical Department attended and presented their paper on 'Multi optimization of friction stir welding of Aluminium 6061 alloy using Taguchi-Grey correlation' at the National Conference on Recent Trends in Mechanical Engineering (NCRTME-2018) at JNTUH on 26/2/2018 and 27/2/2018.
- 2. Mr. Pranav R, Mir Akber Mohsin Ali and G Umesh, Asst. Professors, Mechanical Department attended and presented their paper titled 'Parametric Analysis of Titanium Alloy using Abrasive Jet Machining process' at the IIAR international conference at Hyderabad on 25 and 26 February 2018.
- Ms. Ahalya Kalluri, Asst. Prof, English , presented and published a paper titled 'Educational Philosophical Approaches - Teaching of English Language' in the ELT@I Tirupati Chapter 6th Annual International Conference on "Recent Trends and Innovative Practices in Teaching English Language and Literature" held at Chadalawada Ramanamma Engineering College, Tirupati, on 16th & 17th February 2018. ISBN: 978-93-5291-505-7.
- Dr. B. Sandhya Rani, Assoc. Prof, English presented and published a paper titled ' English for Employment and Entrepreneurship' in the ELT@I Tirupati Chapter 6th Annual International Conference on "Recent Trends and Innovative Practices in Teaching English Language and Literature" held at Chadalawada Ramanamma Engineering College, Tirupati ,on 16th & 17th February 2018. ISBN: 978-93-5291-505-7.
- Ms. G. B. Kadambari Devi, Assoc. Prof presented and published a paper titled 'Transcultural Role of English Language' in the ELT@I Tirupati Chapter 6th Annual International Conference on "Recent Trends and Innovative Practices in Teaching English Language and Literature" held at Chadalawada Ramanamma Engineering College, Tirupati ,on 16th & 17th February 2018. ISBN: 978-93-5291-505-7.

Student Achievements

- Mr. Amitesh, CSE-II received “Youth Worker Award” from Ministry of National Policies and Economic Affairs, Govt. of Sri Lanka for the contribution towards youth development.
- Ms. Seema Bhaganagre, T D Vineeth, P Madhuri, B Malathi, of IT department published a paper titled 'Annotating User Defined Queries' in the International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org, 6, Issue 1 February 2018 | ISSN: 2320-2882 IJCRT1802358

UPCOMING EVENTS

| Date | Event |
|-----------------------------|-----------------------------------|
| 5 th March 2018 | LHH Talk-2 |
| 8 th March 2018 | Women's Day Celebrations |
| 8 th March 2018 | Debate Competition, Literary Club |
| 10 th March 2018 | Cleaning of Peddacheruvu |
| 16 th March 2018 | Akshaja - Traditional Day |
| 29 th March 2018 | Avyaya, Annual Day Celebrations |

The Science of today is the Technology of tomorrow

World Cancer day

A truly global event taking place every year on 4 February, World Cancer Day unites the world's population in the fight against cancer. World Cancer Day 2018 will explore how everyone – as a collective or as individuals – can do their part to reduce the global burden of cancer. It aims to save millions of preventable deaths each year by raising awareness and education about the disease, pressing governments and individuals across the world to take action. Currently, 8.8 million people die from cancer worldwide every year, out of which, 4 million people die prematurely (aged 30 to 69 years).



Inspiring Personality

Sir Shanti Swarup Bhatnagar (1894-1955). Shanti Swarup Bhatnagar was an Indian scientist, famously dubbed as the 'Father of research laboratories'. He was the first director-general of the Council of Scientific and Industrial Research (CSIR). He was also the first Chairman of the University Grants Commission (UGC) and a professor of chemistry for over 19 years. Under his directorship, twelve laboratories were established all over the country for scientific research in multiple areas, including the ones for food processing, metallurgy and chemical research. The Shanti Swarup Bhatnagar Prize for Science and Technology (SSB) is a science award in India given annually by CSIR for notable and outstanding research, applied or fundamental, in Biology, Chemistry, Environmental Sciences, Physics, Mathematics, Engineering and Medicine.

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