# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, NAAC Accredited with 'A++' Grade
NBA Accredited for CE, EEE, ME, CSE, EIE, IT B.Tech Courses
Approved by AICTE, New Delhi, Affliated to JNTUH
Recognized as " College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad-500090, TS, India
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrvjiet.ac.in, Website: www.vnrvjiet.ac.in

# CONVERGENCE 2K18 RELOADED Report

#### **About:**

The National Level Technical Symposium under the banner "CONVERGENCE" has been instrumental in shifting the paradigm of usual coursework. Since its inception in 1999, it has evolved as an ultimate platform for the techno-maniacs. This is the 20th year of the legacy of convergence. The 2018 Reloaded edition has taken up an untraded path on its way to be stupendous, throwing light on new ideas. It brings in a series of events and activities spread over 2 days involving the students of myriad disciplines and hence broadening the horizons. Events, Workshops, Presentations, Seminars, and guest lectures were organized under each theme.

#### **Committee:**

A committee was constituted for undertaking all required work regarding organizing the technical fest on 20th August 2018. The core team (final years) consisted of 66 students. There were 150 Volunteers (3<sup>rd</sup> years) and 50 volunteers (2<sup>nd</sup> years). The student chapters involved in preparing for CONVERGENCE-2K18 were ISTE, IEEE, ISOI, CSI, SAE, ASME, VSI and IETE.

#### **Faculty Coordinators of CONVERGENCE 2k18 Reloaded:**

Dr. P. Kishore, Asst. Prof., ECE
Dr.N.Kiran kumar, Assoc. Prof., M.E
Mr M.Hari krishna, Assoc. Prof., EIE
Mr N.Sandeep Chaitanya, Asst. Prof., CSE
Mr M.Ravikanth, Asst. Prof., CSE
Mr D.S.G.Krishna, Asst. Prof., EEE
Mrs K.Renuka, Asst. Prof., IT
Mr G.A.V.S.Sandeep kumar, Asst. Prof., CE
Mrs V.Priyanka, Asst. Prof., ECE
Mr K.Prasanth, Asst. Prof., AE

#### **Public Relations:**

As a part of Public Relations (PR), the PR team held a hand-printing event, was conducted to promote CONVERGENCE-2K18 within the campus. The internal PR was conducted on 21<sup>th</sup> September 2018. The external PR work was initiated on 28th and 29th September 2018 which went on for 3 days. The colleges visited during this period were Sridevi engineering college, GNITS, JBIT, VJIT, Mallareddy colleges, Muffakham Jah, St. Martin's, Narsimhareddy, HITAM, MLR, Gitam, CMR, IARE, BVRIT, MGIT, CVR, TKR, MVSR, SriIndu, Shreyas, BIET, CBIT, JNTUH, GRIET, Rishi, BVRIT-women's. A Pre-event was conducted on October 1st 2018 to give the fresher's an idea of how the fest goes.

#### **CONVERGENCE POSTER**

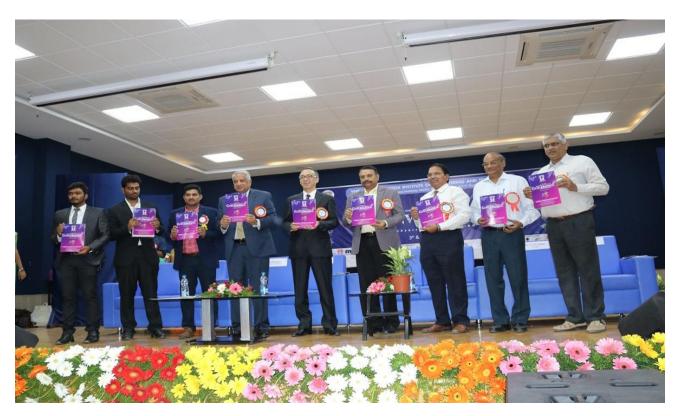


# **Inauguration**

The inaugural event took place on 5<sup>th</sup> of October 2018. Various dignitaries attended the event and gave their precious words regarding the fest. The following is the list of dignitaries that attended the event.

- 1. Dr. D.N. Rao
- 2. Sri B.Sarat Gopal
- 3. Prof.V.S.S.Kumar
- 4. Dr. C.D. Naidu
- 5. Mr. Masafumi Muzino
- 6. Sri U.Ramamohan
- 7. Dr. P.Kishore

- Chairman, Vignana Jyothi
- General Secretary, VNRVJIET
- CEO, Vignana Jyothi
- -Principal, VNRVJIET.
- -CEO of Japan Automatic Machine Co. Ltd.Japan
- Superintendent of Police, Cybercrime Dept. CID, Hyderabad
- Co-ordinator, CONVERGENCE 2K18, Assistant Professor, Department of ECE.



**Releasing of Convergence Souvenir** 



Mr. Masafumi Muzino

Sri U.Ramamohan





Dr. D.N. Rao

Prof.V.S.S.Kumar



Sri B.Sarat Gopal

Dr.C.D.Naidu



Dr.P.Kishore

Mr.Harsha

# **EVENTS**

CONVERGENCE-2K18 Reloaded hosted a total of 29 events under 6 themes namely Scientia Virtual, Electronique, AUTOmation, Structures, Robotics and Saaradhi. The following are the specifics:

# **SCIENTIA VIRTUAL**

| SNO | EVENT NAME   | No. of Participants |
|-----|--------------|---------------------|
| •   |              |                     |
| 1.  | CODE HUNT    | 116                 |
| 2.  | MADOMANIA    | 110                 |
| 3.  | WIDE JAZZED  | 125                 |
| 4.  | MARKET MAGIC | 90                  |
| 5.  | AVISHKAR     | 83                  |
| 6.  | SILLY POINT  | 132                 |
| 7.  | SKILLS WEB   | 106                 |
| 8.  | LUBRTECH     | 137                 |
| 9.  | TECHNOVA     | 74                  |
| 10. | CODE STROM   | 102                 |

# **ELECTRONIQUE**

| SNO. | EVENT NAME     | No. of Participants |
|------|----------------|---------------------|
| 1.   | MOZAK SKILZZ   | 91                  |
| 2.   | ELECTRO        | 115                 |
|      | EXTRAVAGANZA   |                     |
| 3.   | ELECTROPHILIA  | 80                  |
| 4.   | TECH INTELLECT | 76                  |
| 5.   | TECHIE TRICKY  | 64                  |
| 6.   | CIRCUIT        | 72                  |
|      | NIRMANA        |                     |
| 7.   | TECH HUNT      | 107                 |
| 8.   | ELECTRO MANIA  | 50                  |
| 9.   | TECHNICAL      | 77                  |
|      | SKETCH-O-GUESS |                     |
| 10.  | IPL AUCTION    | 114                 |

#### **AUTOMATION**

| SNO. | EVENT NAME  | No. of Participants |
|------|-------------|---------------------|
| 1.   | MECHANICA   | 52                  |
| 2.   | DRAG TO     | 71                  |
|      | DESTINATION |                     |
| 3.   | RC CAR      | 16                  |
|      | RACING      |                     |
| 4.   | SIGNUM      | 44                  |
| 5.   | AUTOMANIA   | 37                  |

# **STRUCTURES**

| SNO. | EVENT NAME | No. of Participants |
|------|------------|---------------------|
| 1.   | PRABANDHA  | 90                  |
| 2.   | CODESIGN   | 8                   |
| 3.   | ENCODE     | 12                  |
|      | VNRVJIET   |                     |

# ROBOTICS

| WINNER PRIZE    | NAME              |  |
|-----------------|-------------------|--|
| ROBO SOCCER     |                   |  |
|                 | Sagar Patil       |  |
| 1 <sup>st</sup> | Pooja Crite       |  |
|                 | Vaishnavi Patil   |  |
|                 | K.Anurag Reddy    |  |
| $2^{\text{nd}}$ | J.S.Vamsi krishna |  |
|                 | Nalluri Charan    |  |
|                 | B.Naga Harika     |  |
|                 | B.Roshini         |  |
| 3 <sup>rd</sup> | K.Yashwanth       |  |
| ALL T           | TERRAIN           |  |
|                 | Sagar Patil       |  |
|                 | Devender Patil    |  |
| 1 <sup>st</sup> | Pooja Crite       |  |
|                 | B.Bharath Kumar   |  |
|                 | Tejesh Goud       |  |
| 2 <sup>nd</sup> | K.Bala Krishna    |  |
|                 | Ch.Siri Chandana  |  |
|                 | A.Akhila          |  |
| 3 <sup>rd</sup> | M.Thanusri        |  |
| ROBO            | RALLY             |  |
|                 | Sagar Patil       |  |
|                 | Devender Patil    |  |
| 1 <sup>st</sup> | Vaishnavi Patil   |  |
|                 | B.Bharath Kumar   |  |
|                 | K.Bala Krishna    |  |
| nd              | K.Sri Krishna     |  |
| 2 <sup>nd</sup> | Chaitanya         |  |
| - vd            | N.Surendra Kumar  |  |
| 3 <sup>rd</sup> | J.Sushma          |  |



#### **Drone** war

# **TALKS**

Along with various events, PROVOKANTE session is held on October 5th-6th 2018. The following are the speakers who spoke about various topics.

- 1. Mrs. Balalatha, IAS: Students cracking for UPSC's.
- 2.Dr B.V.Pattabhiram,psychologist: Helping students to develop socially, personally and academically
- 3.Mrs. Deepthi Ravula, CEO of w-hub: Women as entrepreneurs
- 4.Sri Vishwanth Pillutta, T.I.M.E Founder: Career guidance for students and tips for cracking exams.
- 5. Sri Dheeraj Kolla, Micro-artist: Success history, active member in social activities and what made him

inspire as a micro-artist.

6. Raman Teja, CEO of Alltronics Tech: Youth as entrepreneur's.



## **HACKATHON**

This hackathon is a 24 hour IOT hackathon conducted as a part of convergence in collaboration with Techiest, where the first 6 hours is a session on IOT and then followed by 18 hour hackathon.

Criteria of Evaluation: It is based on the output Pro-type that is helpful for a SMART city.

**Prizes:** 1<sup>st</sup> prize - Rs 5000 /-

2<sup>nd</sup> prize - Rs 3000 /-

**Scheduled dates:** 5<sup>th</sup> &6<sup>th</sup> February,2018.

No. of Participants: 115

Coordinator: Mrs Archana B, Sr Asst.prof, Dept of ECE

# TECHNICAL PRESENTATIONS

Under Technical presentations there were 4 domains and over 273 papers were shortlisted. The domains were grouped according to branches as follows:

Domain A-ME, ME, CE

Domain B-IT, CSE

Domain C-EEE, ECE, EIE

Domain D-H&S, other domains

The presentations were conducted in 3 sessions over a span of 2 days (5<sup>th</sup> and 6<sup>th</sup> February 2018). On a total, 273 papers were presented by the time the event was concluded.

| Domain | No. of Papers presented |
|--------|-------------------------|
| A      | 61                      |
| В      | 84                      |
| С      | 93                      |
| D      | 35                      |
| Total  | 273                     |

All the technical presentation sessions were chaired by the senior faculty members of our institute. The panel consisted of 31 faculty members from various departments and divided among the 4 domains as follows:

#### Domain A:

| S.NO. | NAME OF THE FACULTY | DEPARTMENT |
|-------|---------------------|------------|
| 1     | Mr.T.Praveen Kumar  | AME        |
| 2     | Dr.Shaik Amjad      | AME        |
| 3     | MR.K.Prasanth       | AME        |
| 4     | Dr.C.Naveen Kumar   | CE         |
| 5     | Dr.Ch.Nageshwar Rao | CE         |
| 6     | Dr.N.Kiran Kumar    | ME         |
| 7     | Dr.K.Ajay Kumar     | ME         |

#### **Domain B:**

| S.NO. | NAME OF THE FACULTY        | DEPARTMENT |
|-------|----------------------------|------------|
| 1     | Dr.Y.Sagar                 | CSE        |
| 2     | Dr T.Sunil Kumar           | CSE        |
| 3     | Dr Ch.Suresh               | CSE        |
| 4     | Dr P.V.Siva Kumar          | CSE        |
| 5     | Dr Rakhee                  | CSE        |
| 6     | Mrs Kriti Ohri             | CSE        |
| 7     | 7 Mr.K.Bheema Lingappa CSE |            |
| 8     | 8 Mr.S.Kranthi Kumar CSE   |            |
| 9     | 9 Dr D.Srinivasa Rao IT    |            |
| 10    | Dr.G.Madhu                 | IT         |
| 11    | Dr.B.Venkata Seshu Kumari  | IT         |
| 12    | Dr.A.Sreenivasa Rao        | IT         |

#### **Domain C:**

| S.NO. | NAME OF THE FACULTY | DEPARTMENT |
|-------|---------------------|------------|
| 1     | Dr. L.Padma Sree    | ECE        |
| 2     | Dr. P.Sri Hari      | ECE        |
| 3     | Mr.A.Ramesh Kumar   | ECE        |
| 4     | Dr S.Ranjan Kumar   | ECE        |
| 5     | Dr M.Christhu Raju  | ECE        |
| 6     | Dr P.Naresh         | EEE        |
| 7     | Ms. Rashmi Kapoor   | EEE        |
| 8     | Dr K.Vidya Sagar    | EIE        |
| 9     | Dr K. Sudha Rani    | EIE        |

#### **Domain D:**

| S.NO. | NAME OF THE FACULTY | DEPARTMENT |
|-------|---------------------|------------|
| 1     | Mr B.Goutham        | H&S        |
| 2     | Dr.C.Kiran          | EIE        |
| 3     | Mrs B.Prathyusha    | ME         |

Three papers from each session of particular domain were selected as winners. The 1<sup>st</sup> place winner was awarded a cash prize of Rs.1500 along with a merit certificate. The runners-up were awarded cash prize of Rs.500 and merit certificate. The 3<sup>rd</sup> place winners were presented with merit certificates.

# **WORKSHOPS**

There were 9 workshops conducted as a part of convergence. These workshops were focused on the latest and upcoming technologies and aimed to give students knowledge on such essential topics. The following were the workshops conducted

#### 1. Block chain:

Introduction to BLOCKCHAIN technology- The block chain is an incorruptible digital ledger of economic transactions that can be programmed to record not just financial transactions but virtually everything of value.

Student Coordinator: Mr. Praneeth Margam

Registrations: 67

Resource person: Mr. Manish Jain

### 2. Artificial intelligence and deep learning:

Introduction to Artificial intelligence and Deep learning concepts and it's algorithms.

Student Coordinator: Miss. A.Jyothsna

**Registrations:** 61

Resource person: Mr. O.Subba Reddy, Braino vision

### 3. Machine learning

Introduction to data science and advanced machine learning algorithms

Student Coordinator: Miss. Ankitha Gudla

Registrations: 69

Resource person: Mr. A.Shashank from Wingfotech Pvt.Ltd

#### 4. Sixth sense robotics

Understanding of the concepts of Sixth Sense Technology using ARDUINO, MATLAB and implementation of real time Image Processing techniques on Robotics

Student Coordinator: Miss. P. Varshini

**Registrations**: 60

Resource person: Mr. Lakshya Tyagi

#### 5. Quadcopter

Introduction to Controllers (ARDUINO and kk multicopter board 2.1.5), Embedded Systems Design and construction of Quadcopter drone.

Student Coordinator: Miss. V.Likhitha Sri

Registrations: 84

Resource person: Mr. Amin from Robokart

#### 6. Plumbing design

Design of Plumbing layout for a five storeyed building and importance of Plumbing, Plumbing Fixtures.

Student Coordinator: Miss. N. Prathyusha

Registrations: 86

**Resource person**: Mr. Vamshi, Kishore from Dhanush engg services

#### 7. 3D printing and CATIA

Hands-on experience on how 3D printers work and basics of Catia.

Student Coordinator: Mr. A. Tharun Kumar

**Registrations:**11

Resource person: Mr. Venkat

#### 8. Engine workshop

Practical session on assembling and dissembling of engine and working on various components in the engine.

Student Coordinator: Mr. P. Naveen Reddy

Registrations: 55

#### 9. Astro engineering

Introduction to Astronomy and engineering applications in the field and to make an Arduino based sun tracking solar detector.

Student Coordinator: Miss. Saranya Ravva

**Registrations:**72

Resource person: Dr.Rukmini jagirdar,

Dr.Shanthi Priya,

Dr.K.Chenna Reddy

Mr.P.Jishnu

## **SAARADHI EVENTS**

As a part of Saaradhi team NSS,VNRSF, came the together to set up various stalls for raising awareness about the various programs being undertaken by different societies of VNR VJIET. Here are the events on the two days of SAARADHI theme in CONVERGENCE, 2018 where

TEAM NSS brings out a platform for engineers to be a part of it. We have four events along with stalls.

#### **EVENTS ORGANIZED BY TEAM NSS:**

#### 1) SOCH:

Let's engineer the tomorrow at "SOCH". Valuable ideas i.e., technical solutions in the form of presentations, models, projects that are related to social issues can be presented. The first best idea would be given a prize of Rs.1500, second best Rs.1000 and third best idea of Rs.500.

First Prize : A.Tharun Raj

Second Prize : Rohith

Third Prize :Shravani,Preethi

#### **Organisers:**

Mr. Ahmed Mr. Sasank

#### 2) WILL YOU BE MY TEACHER:

In learning you will teach, and in teaching you will learn. Equot; Inspiring the young aspiring minds which are blossoming and are ready to dream, setting their life goals. A hope is all that could be offered by us.

#### **Organisers:**

Mr. Nayeem

Mr. Harsha

#### 3) I AM NOT A HERO:

"STRIVE NOT TO BE A SUCCESS, BUT RATHER TO BE OF VALUE". It is a Forum with those inspiring individuals who took up the rugged path to make this society a better place for living. Let those heroes who say "I am not a Hero" start their journey into light from here.

#### **Organisers:**

Mr. Praneeth Mr. Mohith

#### 4) STUDENT NETWORKING:

With the goal of creating a huge social impact through student interaction, student networking event is aimed to connect students of different colleges to make social awareness.

#### 5) WORKSHOP ON HANDMADE BAGS:

With the intention of eradicating usage of plastic bags, the workshop aims at teaching the attendees how household scrap can be used to make durable eco-friendly bags.

#### **STALLS:**

#### 1) AAROGYA:

This stalls includes different types of millets which are grown using organic manure.

#### **Organisers:**

Mr. Leela SaiNadh Mr.Abhinav

#### 2)AAVISHKAAR:

It is about the recent inventions, that would help in solving the problems like Delhi pollution etc. The models which we exhibited includes Smart water cannon, Smog air tower, Edible Cutlery etc.

#### **Organisers:**

Mr.Sai Deep Miss. Koushiki

#### 3)NSS GALLERY:

We have a VISION and a MISSION for every event which we do. This gallery helps the audience in knowing the vision and mission of the events which we do, and throwing a light on the solutions for the problems which we are trying to solve.

#### **Organiser:**

Miss. Mahe Jabeen

#### 4) PARISHEELAN:

It doesn't take a minute for today's typical Indian to comment on a particular issue. Almost every person is framing an opinion on an issue with no great knowledge about it, finally leading to many undesirable consequences, unnecessary abuses and actions, here is one effort of us to put in front few

case studies about few un-cared issues with few engineered solutions also, portraying how important a role of engineer is in solving those problems, eventually finding one plausible way of reacting to today's issues .

#### **Organisers:**

Mr.Suresh Miss.Kushala

#### **EVENTS ORGANISED BY VNRSF**

VNRSF the student force of VNRVJIET took an active part in conducting various events like Jaagruthi, Praja and WOW (Wealth Out of Waste).

#### 1. JAAGRUTHI:

Jaagruthi is an awareness stall organized under the theme SAARADHI.In Jaagruthi, we try to spread cognizance on variety of issues ranging from GDP (Gross Domestic Product) vs. HDI (Human Development Index) to Paris climate agreement. This endeavor will be instrumental in enhancing & shaping, thoughts on variety of issues and also helps in making the visitor understand the individual role and responsibilities as a citizen.

#### **Organizers:**

- 1. Mr. Brahma Teja
- 2.Mr. Bala Krishna

## 2. WOW (Wealth Out of Waste):

The amount of solid waste i.e., being released into the environment is increasing day by day. WOW (Wealth Out of Waste) is one such stall that exhibits the beautiful handcrafts, home decorates and useful items made from the solid waste at home and college like cardboards, bottles, used paint boxes etc., WOW conveys the message of REUSING the things in an effective manner instead of driving them to the garbage cans. It is also makes the visitors understand the importance of resource management and reuse of things to create a positive impact on the environment.

#### **Organizers:**

- 1. Miss. Harshitha
- 2. Mr. Sunil

## 3)PRAJA:

PRAJA is a Telugu abbreviated form of PRA (Prashnalu) JA (Javabulu). As the name interprets, PRAJA is a Quiz competition where we one could test his\her knowledge on the science, technology, Social issues ,General Awareness and in many different fields . First round deals with the quiz on the domains mentioned to test knowledge. Second round deals with the rapid fire of questions to test the instantaneous knowledge and consciousness. Third round involves an essay on a topic.

#### **Organizers:**

- 1.Mr. Gopichand
- 2.Mr. Sandeep

# **EVENTS PRIZE WINNERS**

## **SCIENTIA VIRTUAL:**

|                   | T   |  |
|-------------------|---|--|
| NAME OF THE EVENT | NAME OF THE STUDENTS                      |  |
| CODE HUNT         |   |  |
| Team-1            | MEGHANA & YAMINI                          |  |
| MADOMANIA         |   |  |
| Team-1            | SUCHANDRA & VENKATESH                     |  |
| Team-2            | ABHISHEK & SRI HARSHA                     |  |
| WIDE JAZZED       |   |  |
| Team-1            | VAISHNAVI YALAMA REDDY & SINDHUJA PONNURU |  |
| MARKET MAGIC      |   |  |
| Team-1            | D AKHIL & K SAKETH                        |  |
| Team-2            | T PUNEETH, M ROHITH ROHAN                 |  |
|                   | &<br>K SAI PRANEETH                       |  |
| AVISHKAR          |   |  |
| Team-1            | PREETHI& SAI TANUJA                       |  |
| SILLY POINT       |   |  |
| Team-1            | C SRI HARSHA &P JAHNVI                    |  |
| Team-2            | G VENKATESH & G SANJANA                   |  |
| SKILLS WEB        |   |  |
| Team-1            | U ABHINAV & NITESH JAIN                   |  |
| LUBRTECH          |   |  |
| Team-1            | MEENA AMRUTHA & SRI CHAITANYA             |  |
| TECHNOVA          |   |  |
| Team-1            | MEENAMRUTHA SREVALLI<br>& B YAMIKA REDDY  |  |
| CODE STROM        |   |  |
| Team-1            | ROHITH ROSHAN&<br>T RAJESHWAR RAO         |  |

# **ELECTRONIQUE:**

| NAME OF THE EVENT    | NAME OF THE STUDENTS            |  |
|----------------------|---------------------------------|--|
| ELECTRO EXTRAVAGAN   | ZA                              |  |
| Team-1               | DEEKSHITHA & VINUTHNANETHA      |  |
| ELECTROPHILIA        |                                 |  |
| Team-1               | MANDEPPA NIKHIL &<br>APARJAIN   |  |
| ELECTRONICA          |                                 |  |
| Team-1               | P JAHNVI, B AMULYA&<br>SATHVIKA |  |
| TECH INTELLECT       |                                 |  |
| Team-1               | N SAHAS & S YOGA PRIYA          |  |
| TECHIE TRICKY        |                                 |  |
| Team-1               | B SATHWIKA & B AMULYA           |  |
| CIRCUIT NIRMANA      |                                 |  |
|                      | RAJESHWAR RAO                   |  |
| Team-1               | & R UMESH CHANDRA               |  |
| TECH HUNT            |                                 |  |
| Team-1               | V PRASHANTH & S YOGA<br>PRIYA   |  |
| Team-2               | P SUJITH SIMHA& N SAHAS         |  |
| ELECTRO MANIA        | <u>'</u>                        |  |
|                      | Y PREETHI CHANDANA &            |  |
| Team-1               | T VISHNU VARDHAN REDDY          |  |
| TECHNICAL SKETCH-O-G | UESS                            |  |
| Team-1               | UMESH & KETAN                   |  |
| Team-2               | SHRIYA & ABHINAV                |  |
| IPL AUCTION          | <b>1</b>                        |  |
|                      | M SRIKAR & T SWARNA             |  |
| Team-1               | LATHA                           |  |

# **AUTOmation:**

| NAME OF THE EVENT   | NAME OF THE STUDENTS           |  |  |  |  |  |  |
|---------------------|--------------------------------|--|--|--|--|--|--|
| MECHANICA           |                                |  |  |  |  |  |  |
| Team-1              | D MANASWI & CH SRIRAM          |  |  |  |  |  |  |
| Team-2              | PREETHI K & P MANOJ            |  |  |  |  |  |  |
| DRAG TO DESTINATION |                                |  |  |  |  |  |  |
| Team-1              | SWARNALATHA & PREETHI CHANDANA |  |  |  |  |  |  |
| RC CAR RACING       |                                |  |  |  |  |  |  |
|                     | PRASANTH & VENKATA GNANA       |  |  |  |  |  |  |
| Team-1              | PRAKASH                        |  |  |  |  |  |  |
| SIGNUM              |                                |  |  |  |  |  |  |
| Team-1              | SAI LIKHITHA & P KARTHIK       |  |  |  |  |  |  |
| AUTOMANIA           |                                |  |  |  |  |  |  |
| Team-1              | ANURAAG TUMMA & SHAAZ          |  |  |  |  |  |  |

# **STRUCTURES**

| NAME OF THE EVENT | NAME OF THE STUDENTS            |  |  |  |
|-------------------|---------------------------------|--|--|--|
| PRABANDHA         |                                 |  |  |  |
| Team-1            | P SHIVANI & NEERAJ              |  |  |  |
| Team-2            | CH VINISHA & CH NRUPESH CHANDRA |  |  |  |
| CODESIGN          |                                 |  |  |  |
| Team-1            | B ARJUN & N SURYA TEJA          |  |  |  |
| Team-2            | B.C KIRANMAYEE & G POOJITHA     |  |  |  |
| ENCODE VNRVJIET   |                                 |  |  |  |
| Team-1            | GEETHA HARSHIT & ROHITH NAYAK   |  |  |  |

# TECHNICAL PRESENTATIONS PRIZE LIST:

The following were the winners of the technical presentations:

| Day                 | Domai<br>n | Name 1                       | Name 2           | College   | Paper name   | Prize |
|---------------------|------------|------------------------------|------------------|-----------|--|-------|
| 5 <sup>th</sup> Feb | A          | T.Namita                     | B.R.Rohan        | VNR VJIET | Exhaust Rejuvenator  | 1st   |
| 5 <sup>th</sup> Feb | В          | S.V.S.Aditya                 | K.Sri Nandan     | IARE      | Block Chain Technology   | 1st   |
| 5 <sup>th</sup> Feb | В          | Ramyasree                    | Vaishnavi        | GNITS     | Smart Drive  | 1st   |
| 5 <sup>th</sup> Feb | С          | Akshay Kumar                 | Gnana Teja       | VNR VJIET | 5G technology and applications                                 | 1st   |
| 5 <sup>th</sup> Feb | D          | A.Gourav                     | J.Vinayaka Reddy | MGIT      | Agricultural Drone   | 1st   |
| 6 <sup>th</sup> Feb | A          | P.Mahipal                    | Yasarpu Jyothi   | VNRVJIET  | Gypsum plastering  | 1st   |
| 6 <sup>th</sup> Feb | В          | Sai Shivan Jonna             |                  | SNIST     | ReactJS vs AngularJS vs<br>VueJS                               | 1st   |
| 6 <sup>th</sup> Feb | С          | M.Shirisha                   | S.Ahalya         | GNITS     | Concentrated solar power                                       | 1st   |
| 6 <sup>th</sup> Feb | D          | M A Soheb Moin               |                  | VNR VJIET | Making humans a multi<br>planetary species why?<br>Where? How? |       |
| 6 <sup>th</sup> Feb | D          | M.Datta Sai Krishna<br>Mohan |                  | IARE      | Rowbot   | 1st   |
| 5 <sup>th</sup> Feb | A          | M.Keerthi                    |                  | VNR VJIET | Solar Absorption AC  | 2nd   |
| 5 <sup>th</sup> Feb | C          | Ch.Manasa                    | S.Harshitha      | GNITS     | Industrial temperature   | 2nd   |

|                     |   |                     |                        |           | controller  |     |
|---------------------|---|---------------------|------------------------|-----------|---|-----|
| 5 <sup>th</sup> Feb | D | A.Anurag            | U.Hari Hara Sai        | VNR VJIET | Black Holes   | 2nd |
| 6 <sup>th</sup> Feb | A | V.Vamsi Kalyan      |                        | VNR VJIET | GeoPhysical Investigations                          | 2nd |
| 6 <sup>th</sup> Feb | В | S.Prathyusha        | G.Poojitha             | VNR VJIET | Cybercrime and security awareness                   | 2nd |
| 6 <sup>th</sup> Feb | С | G.Jyothirnayani     | B.Bhargav              | VNR VJIET | Skinput- appropriating the body as an Input Surface | 2nd |
| 5 <sup>th</sup> Feb | A | G.Vineeth Reddy     |                        | VNR VJIET | Light weight high efficiency bullet proof jackets   | 3rd |
| 5 <sup>th</sup> Feb | В | T.Madhurima         | M.Siddharth            | VNR VJIET | Image classification using CNN                      | 3rd |
| 5 <sup>th</sup> Feb | С | Kaushik Nandan      |                        | VNR VJIET | Electric Cycle                                      | 3rd |
| 5 <sup>th</sup> Feb | D | B.Sai Aparna        | N.Yamini               | GNITS     | Blue Eyes Technology                                | 3rd |
| 6 <sup>th</sup> Feb | A | Rama Krishna Pardhu | Poojit Madineni        | VNR VJIET | Aqua Silencer                                       | 3rd |
| 6 <sup>th</sup> Feb | В | V.Supraja           | Y.Vaishnavi            | VNR VJIET | Opensource technologies                             | 3rd |
| 6 <sup>th</sup> Feb | В | K.Mounika           | Y.Meghana              | VNR VJIET | Android Remote PC control                           | 3rd |
| 6 <sup>th</sup> Feb | В | S.Ashritha          | R.Chandini             | GNITS     | Cyborg The future man!!                             | 3rd |
| 6 <sup>th</sup> Feb | С | Ch.Usha Sai         | Ch.Ramya<br>Vasundhara | GNITS     | ATM Security based on facial recognition system     | 3rd |
| 6 <sup>th</sup> Feb | D | P.Sri Harshini      | R.Srujana Reddy        | IARE      | Your next surgeon might be robot                    | 3rd |

## **VALEDICTORY:**

The following is the list of dignitaries that attended the event.

**1. Dr. C.D. Naidu** -Principal, VNRVJIET

2. Dr.B.Chenna Kesava Rao - Director, Administration

**3. Dr.Y.Padma Sai** - Dean, Student Progression, VNRVJIET

4. Dr.D.Viswanadham, - Chief Guest- Chief Mnager, Innovation management,IKP Knowledge park,Hyderabad.







Prize distribution



Vote of Thanks By Mr. Vaisrav



Overwhelming performance by DEVNAR SCHOOL FOR THE BLIND children during CONVERGENCE RELOADED

Dr.P.Kishore

Co-Ordinator, CONVERGENCE-2K18 Reloaded

Dr.Y.Padma Sai

Dean, Student progression