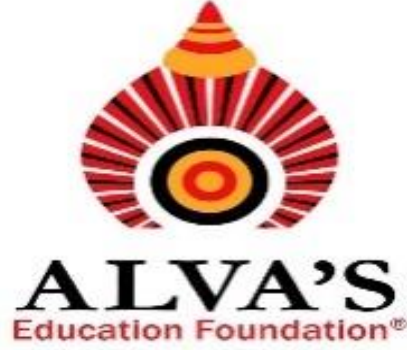


ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar – 574225, Moodbidri.
Dakshina Kannada Karnataka, India.



A Report on
NEWS LETTER YANTRA 2018-19
Department of Mechanical Engineering



YANTRA

MECHANICAL DEPARTMENTAL

Volume: 3 issue : 3

We are happy to announce that Mechanical departmental of AIET, Mijar is publishing this academic years first newsletter. The name of this newsletter YANTRA is a Sanskrit word found first in Vedas. Etymology : From the root verb 'Yantr'. Yantr = to restrain, to control or curb. In day to day language the word 'yantra' is used in the sense of a machine, as it 'curbs or checks' human efforts in performing a task. The term YANTRA- signifies the devices which were meant to help the society , and it very aptly sums up the visions of our department. With faculty that consists of bright minds and students who are keen to leave a mark, our future is in safe hands indeed. We have that flame in our selves stands for the fire of knowledge that our souls are kindled with and the passion for learning that our beings are imbued with. The current newsletter highlights the activities of our students and the achievements of faculty during the past three months. It also features visits by eminent scholars from India and abroad to our department. This newsletter also throws light on the infrastructure that department has, and the facilities that it provides. The intent of YANTRA is to disseminate information about our department, and we hope that the readers find the issues informative and useful. We are thankful to the faculty and staff of mechanical department for their valuable inputs,

Editorial Board :

Chief editor : Dr. Harishananda K.S.

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Prof . Trivikram Prabhu



From HODs desk



I am pleased to inform you that the department of Mechanical Engineering is going to release new edition of its newsletter. This newsletter provides a panoramic view of the academic, research, co-curricular activities and achievements of the department during an academic year. To impart technical educational and training of exemplary academic standards to our students is our vision. The mechanical engineering department has a rich tradition of pursuing academic excellence and providing congenial environment for the overall personality development of its student. I feel confident that the department is progressing in the right direction and I congratulate the faculty and staff for their hard work and whole-hearted efforts to make the department the choicest destination for aspiring engineers.

Greetings to faculty and students!



It gives an immense pleasure to release newsletter of Mechanical Engineering Department for the year 2018-19. During this period, various curricular and co-curricular activities were conducted successfully by the department. Participation of Mechanical Engineering faculty in various training programs and International conferences was the most encouraging factor, which we want to continue in coming years also. Through periodic seminars, symposia, workshops, industrial visits and industrial training as integral parts of the course, the student were equipped with technical knowledge, critical thinking skills and creativity to excel in the engineering profession. The mechanical engineering department is committed to create conducive atmosphere for the development of young brains into bright professionals of future. I believe, that in the years to come, armed with commitment and perseverance of faculty and staff, the department will continue to be the trend-setter in offering an array of curricular and co-curricular activities in order to achieve academic excellence.

VISION OF THE MECHANICAL ENGINEERING DEPARTMENT

**IMPART QUALITY TECHNICAL EDUCATION TO EXCEL IN MECHANICAL ENGINEERING
TO MEET THE NEEDS OF COMMUNITY**

MISSION

- **EMPOWER STUDENT KNOWLEDGE IN BASIC AND APPLIED AREAS OF MECHANICAL ENGINEERING.**
- **STRENGTHENING COLLABORATION WITH INDUSTRIES, RESEARCH ORGANIZATIONS, AND INSTITUTES FOR AN INTERNSHIP, JOINT RESEARCH, AND CONSULTANCY.**
- **TO INCULCATE ENTREPRENEURIAL SKILLS AND HUMAN VALUES IN ORDER TO CATER TO THE NEEDS OF SOCIETY.**
- **EXPOSURE TO INDUSTRIAL PRACTICES FOR MANAGERIAL SKILLS & PROFESSIONALISM**

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **Provide an opportunity for the students to expand knowledge in mechanical engineering.**
- **Be able to provide solutions for technical and social problems through research and innovation.**
- **Educate students to develop continuous learning attitude, ethics, and values.**

PROGRAM SPECIFIC OUTCOMES (PSOs)

- Will be able to analyze, interpret and provide solutions to engineering and social problems.

Adapt to the dynamic challenges and scenarios in the industries

TECHNICAL TALKS

The Regular odd semester classes were started from July 29th 2018. Along with regular theory & practical classes, Students are benefitted from Technical talks by Industrial / Academics experts, including IIT, NIT etc. About 250 to 300 students of 5th semester & 7th semester were present in every technical talks. Total 5 Technical Talks conducted in odd semester 2018-19.

DATE	TOPIC	RESOURCE PERSON
03-08-2018	Corporate Expectations from Students	Mrs. Anita Borulkar Vice President Human Resources Bharat Fritz Werner Ltd. (BFW), Bangalore
27-08-2018	Efficiency Improvement of Biomass Based Thermal Power Plant	Dr. R. Hafeez Basha Chief Technology Officer, Station-H Corporation (Non-profit), Mentor for Change at Atal Innovation Mission at NITI-Aayog(Planning Commission), Hyderabad
04-09-2018	Millenials in corporate India - Expectations and Preparedness	Sri. Manojit Acharya Managing Director Jungheinrich Lift Truck India, Pvt Ltd, Mumbai
12-10-2018	Synergism in material systems: Polymer matrix composites	Dr.Anandhan Srinivasan Professor and HOD Dept. of Metallurgical & Materials Engg National Institute of Technology, Karnataka, Surathkal.
22-11-2018	Mechanical Aspects of Gas Turbine Engines	Mr. C. Veera Sesha Kumar Senior Scientist CSIR-National Aerospace Laboratories (NAL) Bangalore

INDUSTRIAL VISIT

VARAHI HYDRO POWER PLANT, HOSANGADI, UDUPI DISTRICT.

Eighty Five (85) Mechanical Engineering 5th semester students and 4 faculties visited Varahi Hydro Power plant on 01/10/2018. Varahi is Karnataka's first underground powerhouse. Varahi Hydro Electric Project has a total installed capacity of 460 MW. After visiting hydro power plant students will thoroughly understand the working principle of turbines in fluid mechanics and machinery laboratory. This industrial visit gives the real engineering world exposure without harming the environment in hydal power projects.



KAIGA ATOMIC POWER PLANT, KAIGA, UTTAR KANNADA DISTRICT.

Thirty Five (35) Mechanical Engineering 5th semester students and 2 faculties visited Kaiga Atomic Power plant on 22/09/2018. After visiting Kaiga Atomic Power plant students will thoroughly understand the working principle of nuclear power plants. Kaiga Atomic Power plant has a total installed



capacity of 960 MW.

- Kaiga Generating Station (KGS) 1 & 2 – Pressurized Heavy Water Reactors (2 x 220 MWe PHWR)
- Kaiga Generating Station (KGS) 3 & 4 – Pressurized Heavy Water Reactors (2 x 220 MWe PHWR)

JINDAL STEEL WORKS (JSW), HOSPET.

Eight Nine (89) Mechanical Engineering 4th & 6th semester students and 4 faculties visited Jindal Steel Works plant on 17/04/2018. With the largest product portfolio in steel, JSW are India's largest steel exporter, shipping to over 100 countries across 5 continents. Starting with a single plant in 1982, they are now India's leading manufacturer of value-added and high-grade steel products. With plants in Karnataka, Tamil Nadu and Maharashtra, JSW has the capacity to produce 18 million tons per annum (MTPA). After visiting JSW plant students will thoroughly understand the manufacturing process steel from raw material iron ore.



JINDAL STEEL WORKS (JSW), HOSPET.

Eight Nine (89) Mechanical Engineering 4th & 6th semester students and 4 faculties visited Bellary Thermal Power station on 16/04/2018. Bellary Thermal Power station is located in Kudatini Village, Bellary District in the Indian state of Karnataka. Two coal-fired units of 500 MW each are in operation with generating capacity of 12 million units per day and a 700 MW coal-fired unit with operation. The plant has 3 power generating units involving 1 700MW super-critical boiler technology. After visiting BTPS students will thoroughly understand the working principle of coal based thermal power stations.



GWASF, Quality Castings Pvt. Ltd. MANGALORE.

One hundred Eight (108) Mechanical Engineering 3rd semester students and 9 faculties visited GWASF Quality Castings Pvt. Ltd. on 25/08/2018 & 01/09/2018. GWASF began foundry operations in 1988. GWASF supplies to North America and Europe critical high alloy and precision machined castings. GWASF manufactures a range of castings in a large variety of alloys from a weight range of 10 kg to 650 kg. After visiting GWASF Quality Castings Pvt. Ltd. students will thoroughly understand the casting process and machining & manufacturing processes of steel castings.



ISRO Satellite Centre & HAL Bangalore.

Forty Eight (48) Sixth semester mechanical engineering students are taken to ISRO Satellite centre Bangalore and HAL Bangalore on 30/03/2017. Students visited different sections of ISRO satellite centre and HAL exhibition.



Placement report 2018-19

Placement in the odd semester 2018-19.

Three students are placed:

Sl.No.	Name of Student	Name of Company	Package
1	Revathi R K	Faurecia	4 LPA
2	Harish B	Sriram Panels	2.09 LPA
3	Anand G Warriar	Sriram Panels	2.09 LPA
4	Anand G Warriar	SLK Software	2.8 LPA

Sports Achievement by Mechanical Engineering students:

Mr. Rishab Rajesh Rao second year mechanical engineering student won 2 Gold, 3 Silver and 3 Bronze medals in powerlifting at national level and selected to undergo trials for selection for representation of India at international level.

A team of 7 mechanical engineering students are the part of AIET sports team which won the Overall Championship in VTU intercollegiate athletics championship, held at SJCIT Chikaballapur from 25/10/2018 to 30/10/2018.

Mr. Kiran Kumar of third year B.E mechanical engineering student won Gold medal in 4 x 100 meters relay, and won Silver medal in 400 meters Hurdles, in 21st VTU intercollegiate athletics championship, held at SJCIT Chikkaballapur from 25/10/2018 to 30/10/2018. Gold Medal in Ball Badminton inter zone competition and Silver medal in Ball Badminton inter college competition.

Mr. Sujan Shekar H S second year mechanical engineering student won Gold medal in 21 kilometers running with university meet record and bronze medal in 10 kilometers running in VTU intercollegiate athletics championship, held at SJCIT Chikaballapur.

Mr. Chinmay Ganesh K second year mechanical engineering student won Gold medal in 4 x 100 meters relay, Silver medal in Javalin throw and Bronze medal in 100 meters running in VTU intercollegiate athletics championship, held at SJCIT Chikaballapur.

Mr. Mounesh D M second year mechanical engineering student won Bronze medal in 20 Kilometre walking competition in VTU intercollegiate athletics championship, held at SJCIT Chikaballapur.

Mr. Rathnakara second year mechanical engineering student won Bronze medal in Discuss throw in VTU intercollegiate athletics championship, held at SJCIT Chikaballapur.

NSS:

One Girl student Ms. Vijayalaxmi P Shivanagutti third year mechanical engineering selected to participate in Republic Day Parade Camp 2019 New Delhi, to be organised by the Ministry of Youth Affairs & Sports, Government of Karnataka, under NSS. She is only candidate selected from Karnataka.

NCC:

Mr. Udaykumar J Final year Mechanical Engineering student selected for international students Youth Exchange Program under NCC at BHUTHAN.

Mr. Sohan Poojary 3 yr Mechanical Student has attended ATC from 28-09-2018 TO 07-10-2018 held in Alva's college Moodbidri.

Ms. Soufia Sheikh 3 yr Mechanical Student has attended National integration camp Held in Mysore 18-10-2018 to 29-10-2018.

Charan M S, Chirag K R, Kishor H H and Ritesh S Shetty second year Mechanical



Engineering students participated in Independence Day march at 06 Kar Air Sqn NCC, Mangalore on 15th August 2018 and Pre-VSC 1 Camp during 18th September 2018 to 27th September 2018.

Kishor H H second year Mechanical Engineering student participated in Inter Group Competition (IGC) – Republic Day Camp (RDC) 1 at 06 Kar Air Sqn NCC, Mangalore on 28th September 2018.

Mervin Lawrence D' Almeida, Naveen H R, Parthasarathy D J, Pujeeth Kulal Third year Mechanical Engineering Students Attended the NCC Annual Camp from 28-09-2018 TO 07-10-2018 held in Alva's college Moodbidri.

Workshop and Training programs

Two days workshop on Automobile Engineering at Mandovi Motors Mangalore, for final year students split into two batches one batch on 29th October 2018 and another batch on 30th October 2018 was organised. This event is a part of

Technical Club activities in which a total of 105 students take part and gained hands on experience.

CNC and Lathe training is arranged for the students under PMKVY heading, 50 students are trained in CNC & 49 students got trained in Lathe operations. In a separate and regular CNC training sessions 7 students from Niddodi Industrial Training Institute were trained and are immediately placed at various industries in Bangalore.

CATIA – V6R2013 is another soft skill training sessions organised by the department in which 55 students are effectively trained for 60hrs of classes.

Hydraulics, Pneumatics and Robotics at VTU regional centre, Mysore

The final year students of mechanical engineering are participated training program on Hydraulics, Pneumatics and Robotics at VTU regional centre, Mysore, from 02-08-2018 to 04-08-2018. This is a part of boot camp organized by department. In this camp totally 52 students are participated along with staff members Prof. Ganesh M R and Prof. Praveen K C with lady instructor Ms. Akshatha.

In this program our students are learned about introduction of hydraulics, pneumatics and robotics, advantages and disadvantages and applications of these in various fields. And also they gain the practical knowledge about construction and use of circuit design with hand on training



Faculty Achievements:

Keynote Speaker

Dr. Satyanarayan delivered a keynote on "Investigation on Diffusion between Liquid Tin and Substrates for Electronic Applications" at 7th World Conference on Applied Sciences, Engineering & Management 26-27 October 2018, ABS-Paris, FRANCE

Invited talk

- 1. Dr. Satyanarayan had given talk on "Welding of Dissimilar Materials Using Underwater Explosive Technique" on 27th January 2017 @ Dept. of Metallurgical and Materials Engg, NITK Surathkal, Mangalore.**
- 2. Dr. Satyanarayan had given talk on "Explosive Welding of Metals Using Underwater Shock Wave and Its Possibilities" on 21st February**

2017 @ Dept. of Mechanical Engg, Srinivas College of Engineering, Mukka, Manglore.

Membership of Professional Bodies

- 1. Dr. Satyanarayan having membership of professional bodies**
 - ☐ Editorial Board Member for International Journal of Manufacturing and Material Processing
 - ☐ Editorial Board Member for International journal of Industrial and Mechanical Engineering Sciences (IJIMES)
 - ☐ Editorial Board Member for SCIREA Journal of Materials
- 2. 30 faculties of Mechanical Engineering Department are having lifetime membership of Indian Society for Technical Education (LMISTE)**

Reviewers for Journals

- 1. Dr. Satyanarayan, Department of Mechanical Engineering is Reviewer for the Emergent Materials (EMMA), Springer Journals.**
- 2. Dr. Satyanarayan, Department of Mechanical Engineering Reviewer for the International Conference on Material Strength and Applied Mechanics (MSAM 2018), April 10th to 13th, 2018 in Kitakyushu City, Japan**
- 3. Mr. Sreekanth M P, Department of Mechanical Engineering reviewer for Emerald Rapid Prototyping Journal.**

Journal Publications by Faculties

- 1. Dr. Satyanarayan, S. Tanaka¹, A. Mori and K. Hokamoto have published a paper on "Welding of Sn and Cu Plates Using Controlled Underwater Shock Wave" (Journal of Materials Processing Technology, Vol 245, July 2017, Pages 300–308. (Elsevier Publications)**

2. Satyanarayan AkihisaMoric, Masatoshi Nishid, Kazuyuki Hokamotoe have published a paper on “Underwater shock wave weldability window for Sn-Cu plates” in Journal of Materials Processing Technology, Volume 267, May 2019, Pages 152-158 (Elsevier Publications)
3. Mr. Sreekanth M P, Mechanical Department published a paper entitled “Development of Customized Orthosis for Congenital Deformity using Additive Manufacturing” is accepted in Emerald Rapid Prototyping Journal (SCOPUS & SCI).
4. Mr. Sreekanth M P, Mechanical Department published a paper entitled “Mass production strategy for additive manufacturing by stacking the product at design phase” is accepted in International Journal of Rapid Manufacturing (SCOPUS).
5. Mr. Sreekanth M P, Mechanical Department published a paper entitled “Design and Development of a customized laparoscopic forceps handle using fused deposition modeling” is accepted in Journal of the Chinese Society of Mechanical Engineers (SCOPUS & SCI).
6. Mr. Sadashiv Bellubbi, Department of Mechanical Engineering published a paper on “Reduction in through put time of drum shell manufacturing by single-V welding configuration” in Journal IOP Conference Series: Materials Science and Engineering, Volume 376, Issue 1, pp. 012104 (2018).
7. Gurushanth B Vaggar, Pramod V Badyankal, S C Kamate, published a paper on “Thermal Properties Characterization of Glass Fiber Hybrid Polymer Composite Materials” in International Journal of Engineering & Technology, 7 (3.34) (2018) 455-458, Website: www.sciencepubco.com/index.php/IJET
8. Pramod V Badyankal, Gurushanth B Vaggar, Manjunatha T S have published a paper on “Wear and Water Absorption Behaviour of Banana and Sisal Hybrid Fiber Polymer Composites” in International Journal of Engineering & Technology, 7 (3.34) (2018) 424-427, Website: www.sciencepubco.com/index.php/IJET
9. Mr. Pramod V Badyankal, Mechanical Department have published a article on “Simple Ram Pump that pushes water uphill using energy from falling water” in International Journal of Innovative Research Explorer, Vol. 5, Issue 4, April-2018.

10. Mr. Pramod V Badyankal, Mechanical Department have published a paper on “Wear Characteristic of Banana composite for without treated fibers” in International journal of innovative research explorer, vol. 5, Issue 5, May-2018
11. Mr. Pramod V Badyankal, Mechanical Department have published a article on “Bending properties of banana composite for without treated” in International journal of innovative research explorer, Vol.5, Issue 5, May 2018.
12. Mr. Gopal Krishna U B, Mechanical Engineering published on “Processing and Microstructural Characterization of Cermet Reinforced Aluminium Matrix Composite by Solidification Process” in Transactions of the Indian Institute of Metals (TIIM). ISSN 0972-2815, Volume 71, Number 11, 71:2851-2854, Springer Publication, DOI 10.1007/s12666-018-1432-7
13. Mr. Gopal Krishna U B, Mechanical Engineering Department Published paper entitled “Processing and Evaluation of Microstructure & Physical Properties of Al7075 Reinforced with Cermets by Stir Casting Route” in IOP Publishing: Materials Science and Engineering 404 (2018) 012033 doi:10.1088/1757-899X/404/1/012033
14. Mr. Gopal Krishna U B, Faculty of Mechanical Engineering Published paper entitled “design and fabrication of pneumatic powered exoskeleton suit for arms” in International Research Journal of Engineering and Technology (IRJET) Volume: 05 Issue: 04 | Apr-2018 p-ISSN: 2395-0072
15. Mr. Kiran C H had published a paper on “Performance Studies on Diesel Engine Using Dairy Scum Oil Methyl Ester (DSOME)” in Medwin Publishers: Petroleum and Petrochemical Engineering Journal. Volume 2, issue 2
16. Mr. Shailesh Golabhanvi, Mechanical Department had published a paper on “Thermal and performance analysis of R600a in VCC cycle” in IJERT, ISSN: 2278-0181 Vol. 7 Issue 01, January-2018
17. Abhijith S, Srinivasa Pai P, Bhaskara Achar, Grynal D'mello published a paper on "Multi-Objective Optimization and Modeling of Surface Roughness in Inconel 718 using Taguchi Grey Relational Analysis and Response Surface Methodology" in International Journal of Engineering & Technology, 7 (3.34) (2018) 724-728

Articles Published in CONFERENCES (National / International)

1. Hithesh G Shetty*, Kumarswamy M C and Satyanarayan, “Effect of Reflow and Isothermal Aging Temperature on Sn-Pb and Pb-free Solder/Substrate Interfacial Regions”, proceedings of International Student Conference on Advanced Science and Technology (ICAST), Kaohsiung, Taiwan, 23rd to 25th November.
2. Sandesh G Shetty, Kumar Swamy MC and Satyanarayan, “Study of Thermal Resistance on Interface Materials”, proceedings of International Student Conference on Advanced Science and Technology (ICAST), Kaohsiung, Taiwan, 23rd to 25th November.
3. Hithesh G Shetty, Santosh A Goudar and Satyanarayan, “Assessment of Mechanical Properties of Hair Fibre Reinforced Polymer Composite” International Conference on Recent Vistas In Science And Technology and Its Relevance To Biological Sciences, 2nd March 2018, Alva’s college, Vidyagiri, Moodabidri.
4. K.V.Suresh, presented a paper entitled “Effect Of Injection Pressure On Performance And Emission Characteristics Of CI Engine Fuelled With Honge, Hybrid Bio-Fuel With Diesel”at 7th international Engineering Symposium(IES2018) organised by Kumamoto University, Japan on March 7th -9th 2018.
5. Mr. Gopal Krishna U B, Faculty of Mechanical Engineering Presented paper entitled “Processing and Microstructural Characterization of Cermet Reinforced Aluminium Matrix Composite by Solidification Process” at Seventh International Conference on Solidification Science and Processing (ICSSP-2018) on November 19-22, 2018 organised by CSIR-Trivendrum and IIT-Madras held at Hotel Samudra, Kovalam, Tiruvananthapuram, Kerala, India.
6. Mr. Gopal Krishna U B, Faculty of Mechanical Engineering Presented paper entitled “Processing and evaluation of microstructure & physical properties of Al7075 reinforced with cermets by stir casting route” at International Conference on Contemporary Research in Mechanical Engineering with focus on Materials and Manufacturing (ICCRME-2018) on April 06-07, 2018 organised by Department of Mechanical Engineering, Intergral University, Lucknow (Received Best Paper Award)
7. Mr. Gurushanth B Vaggar, presented a paper on “A review on thermal properties of glass fiber reinforced hybrid polymer composite

materials” in National conference on Innovative Trends in Engineering & Technology at A G Patil Institute of Technology, Solhapur.

8. Mr. Gurushanth B Vaggar Presented a paper on “Mechanical Properties of Treated Single Areca Fibre” in National conference on advanced research in science, engineering and management at PESIT&M. Shivamogga 26th May 2018.

9. Mr. Kumarswamy M C, Department of Mechanical Engg. Presented paper entitled “Assessment of Thermal Contact Resistance for Brass and Bronze Metal Alloys” in 7th International Engineering Symposium (IES 2018) organized by Kumamoto University Japan on March 7th to 9th 2018.

10. Mr. Kumarswamy M C, Department of Mechanical Engg. Presented paper on “Effect of Thermal Aging on Reflowed Sn-37Pb and Sn-3Ag-0.5Cu Solder/Cu Substrate Interfacial Regions” in 3rd International Conference on Advanced Materials and Manufacturing Process for Strategic Sectors organized by The Indian Institute of Metals Tirvandrum Chapter on October 25th to 27th 2018.

11. Mr. Sadashiv Bellubbi, Department of Mechanical Engineering Participated and Presented a paper on “Reduction in Through Put Time of Drum Shell Manufacturing” in International conference held on 2nd and 3rd March, 2018 at MITE-Moodbidri (ICon MMEE 2018)

12. Mr. Pramod V Badyankal, Mechanical Department had Presented a paper on “Wear and Water absorption behavior of Banana and sisal hybrid fiber polymer composites” in NMAM, ICETE 2018, Institute of Technology, Nitte during 14-15th May 2018.

Workshops attended

1. Mr. Sadashiv Bellubbi of Mechanical Department attended AICTE sponsored Short Term Course (STC) on “Advanced Mechanical Micromachining Techniques for Miniaturization of Products and Processes” during January 14-19, 2019 at IIT Madras, Chennai.

Online Courses

1. Mr. Gurushanth B Vaggar, Sr. Assistant Professor of Mechanical Engineering had undergone 4 Week NPTEL course on “Laws of Thermodynamics” and completed with Elite category (60%) certificate credit point 1.

2. Mr. Gurushanth B Vaggar, Sr. Assistant Professor of Mechanical Engineering had undergone 12 Week NPTEL course on “Advanced Fluid Mechanics” successfully completed course (40%) certificate credit points

Report from Mr. Uday Kuamr

YEP BHUTAN – 2018

FROM 13th Dec TO 18th Dec



Youth Exchange Program (YEP) is an exchange program of culture and heritage of India with friendly nations. The NCC cadets who attend “Republic Day Camp” in the month of January every year will go through rigorous selection process. After that 150 cadets from all over India will get selected for YEP to represent India in 10 different friendly nations. And cadets will be sent to the nations as per the vacancies given by the host country.



I Cadet Under Officer Uday kumar from 6 kar air sqn NCC participated in “Republic Day Camp – 2018”, went through all selection process and got selected for YEP to represent India in “Bhutan”.

The royal government of Bhutan invited 12 NCC cadets and 2 officers to take part in 111th national day celebration in Thimphu on Dec 17th. We the representatives of India in Bhutan on 13th Dec and we were received by Mr. Tashi Wangchuck (Ministry of youth and sports, Royal Bhutan government). And for 6 days we stayed in Youth hostel in Thimphu. There we got to interact with Nepal NCC cadets , their officers and Bhutan scouts and DG of Bhutan scouts Mr. Dasho Wangchuck.

14th Dec 2018

We met with Chief operation officer of Royal Bhutan Army Lt. Gen. Batoo Tshering, Indian ambassador to Bhutan Mr. Jaydeep Sarkar.

15th Dec 2018

Education minister of Bhutan Mr. Jai Bir Rai. Visited IMTRAT (Indian military training team) at Hau.

16th Dec 2018

We were taken for trekking to “ Tiger’s nest monastery” which is of the hight 3750mts.

17th Dec 2018

On 17th Dec we took part in 111th national day celebration of Bhutan at Thimphu. In the evening we got chance represent our cultural forms. At the end Mr. Dasho Wangchuck the DG of Bhutan scouts concluded the program by presenting mementoes.

AUTO CLUB

“TEAM DHRUTHA”

Event: Formula Bharat

Formula Bharat is an engineering design competition in which students from colleges and universities all over the country, compete with a life-size Formula-style vehicle in areas of engineering design, overall cost, marketability and dynamic performance. The series replicates the global student Formula series hosted in around 11 countries per year.

The purpose of this competition is to encourage students to gain hands-on practical experience, while applying engineering theories studied in the classroom. In addition, students learn the art of management and teamwork, which are essential skills required in the ‘real-world’. These student teams are required to build a new vehicle from scratch year-after-year and seek sponsorship and donations by their own means to fund the project.

Formula Bharat 2019 (FB 2019) is being hosted and managed by Mobility Engineering Consortium Pvt. Ltd., an organization dedicated towards hosting mobility-related competitions for students. This will be the second consecutive event.

The Formula Bharat 2019 competition shall be taking place at the Kari Motor Speedway in Coimbatore from January 23 -27, 2019. The competition will focus on the combustion category and will be following an adaptation of the Formula Student 2018 Rules document.

We grateful to our management and department faculties for giving constant support to build a formula 3 car in AUTO CLUB.

