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GUEST LECTURES:

- Department of Mechanical Engineering organized Guest lecture on “Psychrometry and air Conditioning” by Dr. V.Uma Maheshwar Rao, OU. For III-B.Tech students on 3rd January 2020.



- Webinar on “Selection of Chillers, Understanding VRF Systems & Understanding Building Insulation” by renowned speakers from ISHRAE for II, III & IV year students on 29th & 30th May 2020.
- Department of Mechanical Engineering & Chemical Engineering organized Career Guidance Talk on “How to Solve Verbal Aptitude by Using Mathematical Approach and Career Guidance” By Mr. Sai Kiran Dudyala, Head of Operations and Quant Faculty at Career Labs Byju’s. For III-B.Tech Students On 06th March, 2020.





EVENTS:

- The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) Student chapter established in Jan 2020.
- Student for the Exploration & Development of Space (SEDS) student chapter established on 1st February 2020. Chief Guest and Key-note speaker for this event is Dr.D.Sudeer Reddy Scientist/ Engineer ADRIN, Dept of Space.





- II-B.Tech & III-B.Tech students participated in SKDC season 4 from 25 to 28 Feb 2020 at Hasten Go-karting, Hyderabad.



- COSMIC IQ online quiz on “Astronomy, Space exploration & Technology” for II year students on 3rd May 2020.
- Advanced Courses for Career Development for III- and IV-Year students were conducted from 12th May to 29th June 2020.

FACULTY ACHIEVEMENTS:

- Certification of appreciation is awarded to Mr.L.Srinivas Naik for his instrumental role as SPOC for the SWAYAM-NPTEL Local Chapter.
- 36 faculties have successfully completed NPTEL online courses in November 2019.
- 43 faculties have successfully completed 143 Coursera online courses in 2020.
- B.Praveen awarded with Ph.D from Shri Jagdish Prasad Habarmal Tibrewala University (SJJTU), Rajasthan on December 03, 2019.
- Mr. Sikindar Baba was awarded with Ph.D from JNTU Hyderabad.
- Dr.B Praveen published 3 Patents in June 2020.

- Mr. Krishna Teja, Mr. Harish Mugutkar and Ms. Swapna Sree have attended the ONLINE AICTE Training and Learning (ATAL) FDP on “ROBOTICS” conducted by NIT Jamshedpur, from: 25th to 29th May 2020. And Mr. Harish Mugutkar won the best project during the FDP and the topic is “Automatic Disinfection Tunnel”.

STUDENT ACHIEVEMENTS:

- II-B.Tech students for successfully qualified 39 out of 42 students Auto CAD certification course from Auto Desk Inventors.
- Total 321 students completed 717 different courses in course era.
- Mr. C. Nikshith Reddy (II-B.Tech-Mech Section-B 18H61A0361) and team has won winner position and a cash prize of Rs. 1000/- for the title “Portable Illumination for Slum Area”.
- Mr. D. Sanihith (II-B.Tech-Mech Section-B 18H61A0375) and team has won Runner position and a cash prize of Rs. 1000/- for the title “The Agri Theory”.



INDUSTRIAL VISITS:

- II Year students visited to K Force Extrusion and SRG Industries on 21st December 2019. Students were taken there under the supervision of Mr.Naresh, Mr.B.Mahesh.



- II Year students visited to SRG Industries on 28th December 2019. Students were taken there under the supervision of Mr.M.Rajkumar Reddy, Mr.K.Sandeep Kumar.



- II Year students visited to Hyderabad Metropolitan Water supply and Sewerage board (HMWS) on 7th & 14th March 2020. Students were taken there under the supervision of Mr.K.Sandeep Kumar.



- II Year students visited to Thermal Systems on 14th March 2020. Students were taken there under the supervision of Mr.G.Arun reddy, Mr.K.Krishna.



- III Year students visited to REVAC systems on 14th March 2020. Students were taken there under the supervision of Mr.K.Sandeep Kumar.



WORKSHOPS, FDP, WEBINAR CONDUCTED:

- 2 Days Online Webinar on “Challenges and Opportunities in Industries Post COVID-19 Pandemic” and “NextGen Solutions amidst COVID-19” on 23rd & 24th May 2020.
- A National Level Three Day Online Workshop on “the Role of Industry and Academia in Building Institutions and Innovations” from 28th to 30th of May 2020.
- The Department of Mechanical Engineering, in collaboration with ISHRAE Deccan Chapter conducted a webinar on “selection of chillers” on 29th May 2020.
- A National Level Three-Day Online Faculty Development Program on “The Role of Artificial Intelligence and Machine Learning in Robotics and Automation” from 1st June to 3rd June 2020.
- Webinar on “Smart Factory Automation with Digital Twin and Live Demonstration on SKILLON365” on 29th June 2020.
- Department of Mechanical Engineering has conducted 3 National level online Technical Quizzes on – Basic Manufacturing Processes, Robotics, and Finite Element Methods.

WORKSHOPS ATTENDED:

- Mr.Jush Kumar Siddani has attended one day workshop on “A-Z for Research to Publication/PhD Thesis” conducted by IUCEE / AGI on 5th Jan 2020.
- Dr. P. Ravikanth Raju has attended one day workshop on “Engineering Education Research” conducted by IUCEE – 2020, AGI on 5th Jan 2020.
- Mrs.A. Muni Tanuja has attended four days workshop on “7th International Conference on Transformations in Engineering Education” conducted by IUCEE – 2020, AGI on 5th - 8th Jan 2020.

- Ms.N C Swapna Sri has attended four days workshop on “TRANSFORMATIONS IN ENGINEERING EDUCATION” conducted by AGI on 5th Jan 2020.
- Mrs.Akula Neeraja has attended four days workshop on “7th International Conference on Transformations in Engineering Education” conducted by IUCEE – 2020,AGI on 5th 2020.
- Mrs. P.Saritha has attended four days workshop on “7th International Conference on Transformations in Engineering Education” conducted by IUCEE – 2020,AGI on 5th 2020.
- Mr. Harish Mugutkar has attended one day workshop on “A-Z for Research to Publication/PhD Thesis” conducted by IUCEE / AGI on 5th Jan 2020.
- Mr.M.Rajkumar Reddy has attended one day workshop on “Mind crafters Improving STEAM Education” conducted by AGI on 7th Jan 2020.

FACULTY DEVELOPMENTS ATTENDED:

- Mechanical Engineering all faculty members have attended For Two Week Faculty Development Program On “PRECISION ENGINEERING AND MACHINING PROCESSES” held during 14th to 27th November 2019,at department of Mechanical Engineering, AGI,HYD.
- Mr.Jush Kumar Siddani has attended For One Day Faculty Development Program On “Optimization of Workforce” held in 30th November 2019 at School of Business Management, AGI.
- Ms.A.Rajasri has attended For One Day Faculty Development Program On “Optimization of Workforce” held in 30th November 2019 at School of Business Management, AGI.
- Mr.M.Rajkumar Reddy attended For One Week Faculty Development Program On “Pedagogical Training” held during 9th to 13th December 2019, at department of Mechanical Engineering, AGI, HYD.

FACULTY PUBLICATIONS:

- Dr.Barmavatu Praveen has published paper on ““CFD approach for different fluids variants in compact heat exchanger at different parametric conditions” Volume 8, Issue 12, Dec 2019 of IJSTR.
- Mr.P Chinna Srinivas Rao, Mr.T Prasad and Mr.S Jush Kumar have published paper on “An Experimental Research on Aramid Fiber added to Carbon Reinforced Fiber Laminate Plate” Volume 9, Issue 3, Jan 2020 of IJITEE.
- Mr.L.Srinivas Naik and Mr. B.Hadya have published paper on “Evaluation and Impacts on Mechanical Behavior of Friction Stir Welded Copper 2200 Alloy” Volume 12, Issue 2, Jan 2020 of Springer.
- Ms.Alloli Rajasri, Ms.Anusha Ragi and Mr.Santhosh Nalla have published paper on “Modeling and structure analysis of Vertical Axis Wind Turbine” Volume 9, Issue 3, Jan 2020 of IJITEE.

- Mrs.C Sravanthi, Mrs.Pooja Angolkar and Mrs. Pratibha Dharmavarapu have published paper on “Weight Reduction of Crank Shaft by using Composite Material Kevlar 49” Volume 9, Issue 4, February 2020 of International Journal of Innovative Technology and Exploring Engineering.
- Mr.G Krishna Teja, Mr. K S Sandesh and K Saichand have published paper on “Modeling, Fabrication & Control of an Articulated Robotic Arm” Volume 9, Issue 9, July 2020 of IJITEE.
- Mrs.P. Saritha, Dr. A. Satyadevi and Dr.P. Ravikanth Raju have published paper on “Tribological Behaviour of Metal Matrix Composite” Volume 12, Issue 2, May 2020 of JARDCS.
- Dr.Barmavatu Praveen, Mr.Y.Akshay Kumar and Ms.Banoth Sravanthi have published paper on “Methodological Investigation On Recycling Of Plastic Polymers - A Review” Vol-9, Issue-3, March 2020 of IJSTR.
- Dr.Barmavatu Praveen, Dr. Radhamanohar Aepuru and Mr. Chetirala Nagasurya have published paper on “Modelling And Analysis Of Chassis With Latest Materials For The Development Of High Efficient Eco-Friendly E-Auto” (Vol-XI, Issue-V, May 2020) of AUTRJ.
- Dr.Barmavatu Praveen, Ms.K Rachana and Mrs.Voruganti Sharanya have published paper on “Optimization and Comparative Analysis of Alloy Materials for Go-Kart Knuckle” Vol-XI, Issue-VI, July 2020 of AUTRJ.
- Dr.Barmavatu Praveen (As a 4th Inventor) has published Patent “Design For Solar Panel Cleaning System Using Spa Concept” The Patent Office Journal No. 23/2020 Dated 05/06/2020.
- Dr.Barmavatu Praveen (As a 6th Inventor) has published Patent “Zero Powered Motor” The Patent Office Journal No. 24/2020 dated 12/06/2020.
- Mrs.K Kalyani, Dr.P.Prabhakar Reddy and Dr.Shaik Shafee have published paper on “Performance Evaluation of AISI 1040 Copper Coated Tools in Electric Discharge Machining” in the proceedings of RDMPMC conference - NIT Jamshedpur, July 2020.
- Mr.JUSH KUMAR SIDDANI has published paper on “Resultant surface roughness of 5% and 10% Al7075SiC MMC by using Friction Stir Processing” Vol-12, Issue-3, March 2020 of Journal of Xi'an University of Architecture & Technology.
- Mr.Harish Mugutkar has published paper on “Design and Estimation of HTC in CD Nozzle using Bartz’s Equation” Vol-8, Issue-6, March 2020 of International Journal of Recent Technology and Engineering.

PLACEMENTS

S.NO	COMPANY NAME	NUMBER OF STUDENTS
1	Amazon	3
2	Billenium	1
3	BYJU'S	1
4	CGI	1
6	DXC Technologies	2
7	Glocal Digital	2
8	HGS	15
9	Hyundai	7
10	JUSTDAIL	5
12	Ninjacart	2
13	SCR	1
14	Sutherland	8
15	Invilogic Solutions	2
16	Rexnord	5

Internships – Paid:

S.NO	Company	Number of Students	Stipend/month
1	AGI Glaspac	6	2000
2	Technolexis	5	3000
3	Santosh Engineers	2	4000
4	Rap Motors	5	9000
5	3D Foregoer	1	5000
6	Euroflex	5	11000
7	Morning Picker	1	1000

8	BHEL	2	5000
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Internships – Unpaid:

S.NO	Company	Number of Students
1	Epiroc Mining	3
2	JK Fenner	4
3	Cal-On Industries	4
4	Rexnord	4
5	Creative education private limited	1
6	Youth Empowerment Foundation	2
7	Tarun tech engineers	1
8	VERZEO	1
9	NSIC	2
10	SKYFI LABS	4
11	DELOITTE	1