AAR MAHAVEER
NEWS LETTER

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Inside..

Virtual Teaching-Unlocking the Student Intellect During Lockdown

— by Dr. T.R. Srinivas, HoD, Dept of CSE

The COVID19 pandemic has forced educational institutions to rethink the way of teaching. In the light of the ongoing pandemic, online classes have become the key to making education accessible to students of Engineering Colleges. With the country under lockdown the colleges across the country shut down, millions of students are left without any access to classroom education. This made colleges to rise to the occasion to ensure the continuity of learning to students through online mode. Professors provide interaction in person, in the class room, which cannot be replaced. But digital platforms like Zoom, Meet and Skype enable a professor to reach out to his student remotely and continue to interact. At AAR Mahaveer Engineering College we resumed online classes using video conferencing tools way back, from 30.03.2020 by conducting a training workshop on the usage of these online tools for both teachers and students. Dr. T. R. Srinivas, HoD and Smt. K. Naga Maha Lakshmi, Asst. Prof. of CSE Dept are appointed as co-ordinators for online classes. Our teachers have used the virtual whiteboard and document sharing as a handy tool to get students to participate in the lesson and collaborate. Based on the syllabus coverage, time table is prepared for smooth functioning of the classes. The department of Computer Science and Engineering has taken this as an opportunity and conducted lab programs too, using online compilers. Major projects of Final year students were reviewed by committee members online and Guest lectures were conducted inviting industry experts through online mode. Apart from online classes our students are leveraging online learning in the form of MOOCs available in NPTEL and SWAYAM and COURSERA which have already been around for a couple of years now.
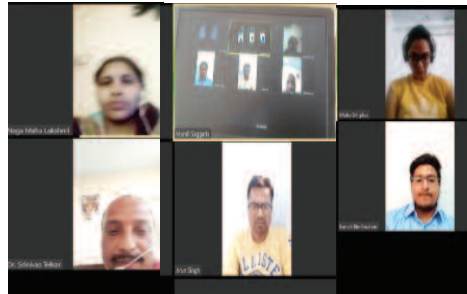

Article by Dr. T.R. Srinivas, Head, Dept of Computer Science Engineering, published in Eenadu dated the 7th June 2020

ONLINE CLASSES

Online classes have been conducted during lockdown to students of all branches from 30.03.2020 and the syllabus has been completed by 07.05.2020. Prior to the commencement of online classes, a demo on Zoom App, has been conducted for faculty members by Dr.S Murali, Principal and Smt. K.Naga Maha Lakshmi, Asst. Prof, Dept of CSE. They demonstrated how to schedule and initiate the Zoom meeting, how to share the screen option to share power point presentations, PDF or any documents etc, while conducting online classes. In this context it is worth mentioning that Dr.S.Murali, Principal of the college, has motivated the faculty members by giving a series of lectures on "Smart Tools for Smart Power Point Presentation" so that faculty can use these tools in their presentations in order to make online teaching more effective and interesting to students. In his lectures he has covered various topics such as use of Master Slides in PPTs, hyper linking to videos, use of Adobe Professional, Mathpix snipping tool for writing mathematical equations in a flexible way, snagit editor for screen capturing and editing images. In addition to the regular classes, remedial classes for those students who have backlogs are also being conducted since 05.06.2020.
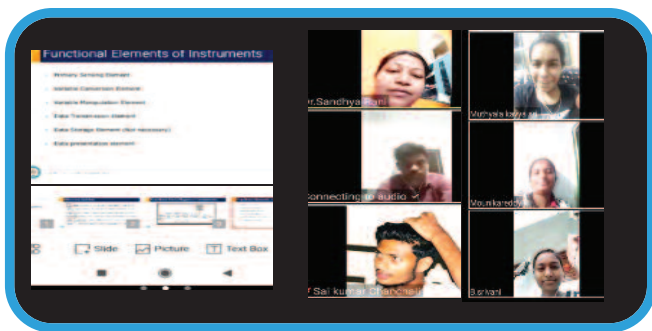

Demo by principal and Smt. K. Naga Maha Lakshmi

Cryptography and Network Security online class, III CSE

Lecture by Dr.S Murali, Principal

Electronic Measurements and Instrumentation online class, III ECE

English online class, I ECE

WEBINARS

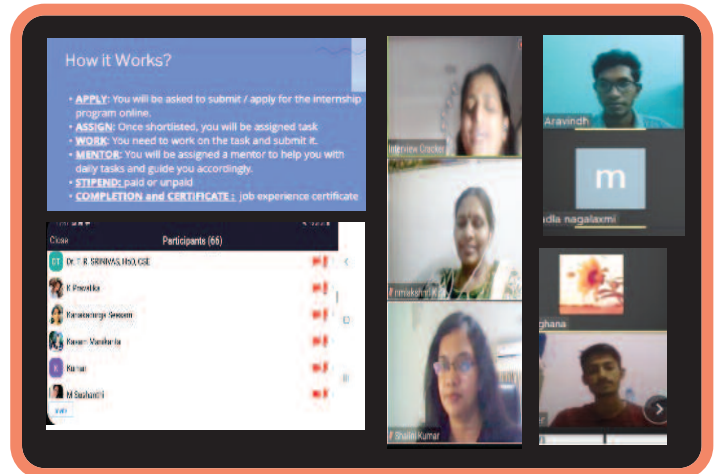## WEBINAR ON HOW TO GET VIRTUAL INTERNSHIP DURING LOCKDOWN

Computer Science and Engineering

At a time when the students are confined to the four walls of their house and teachers getting worried about students' future, the CSE department, in association with INTERVIEW CRACKERS, has organized a webinar on "HOW TO GET VIRTUAL INTERNSHIP DURING LOCKDOWN" on 27.6.2020, wherein Mrs.Shalini Kumar, IIT Kanpur alumunus, Head, Enterprise Business and Product, was the resource person .The webinar was very informative for our students which covered.

- What is virtual internship and how it works?
- Benefits of virtual internship
- Skills developed using internship
- How are virtual internships beneficial to students
- How to find/get virtual internships
- Virtual internship program (by Interview Cracker)
- Q&A discussion

The founder Ms.Anupama and the speaker Mrs.Shalini made the session very interactive and have given a lot of tips to the students on 'how to get industrial exposure'. The convener for the webinar was Dr. T. R. Srinivas, Head, Dept of CSE which was co-ordinated by Mrs.K.NagaMahalaxmi, Asst.professor, CSE dept and Campus Ambassador Ms. K.Ruchitha, IV CSE.

Talk by Mrs.Shalini Kumar, IIT Kanpur alumunus, Head, Enterprise Business and Product
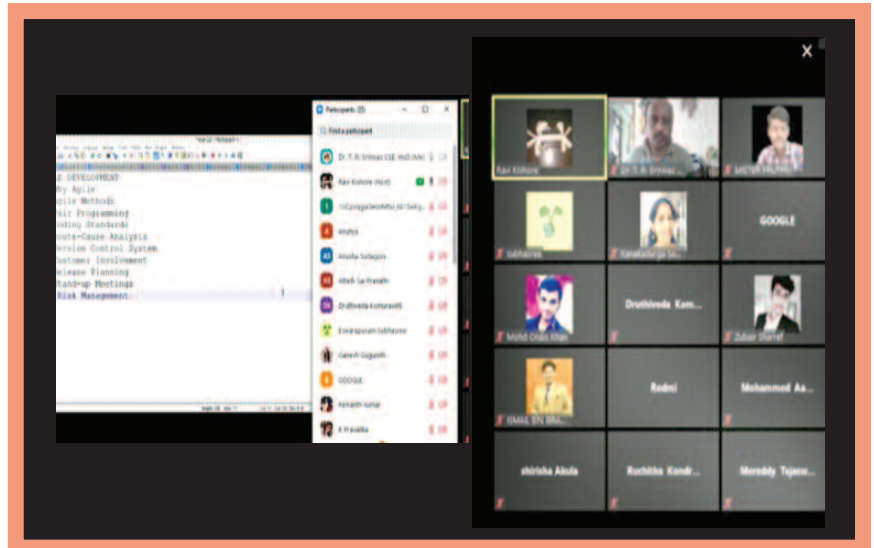
GUEST LECTURES

ONLINE GUEST LECTURE ON AGILE DEVELOPMENT

Computer Science and Engineering

Modern Software Engineering is a subject for the Final year CSE students. As part of syllabus completion, online classes were conducted on this subject. To make students understand the real time exposure of the subject, the Department of CSE, under the guidance of Dr. T. R. Srinivas, Head of the Department, has organized a guest lecture titled "AGILE DEVELOPMENT" by Mr. Kaparthi Ravi Kishore, Sr. Principal Applications Engineer Oracle Corporation, Director, Huvi Technologies on 23.4.2020. The Topics covered during this guest lecture are:

- Why Agile
- Agile Methods
- Pair Programming
- Coding Standards
- Route-Cause Analysis
- Version Control System
- Customer Involvement
- Release Planning
- Stand-up Meetings and Risk Management

The main objective of this guest lecture was to make our outgoing final year students aware of software industrial practices of Agile methods.
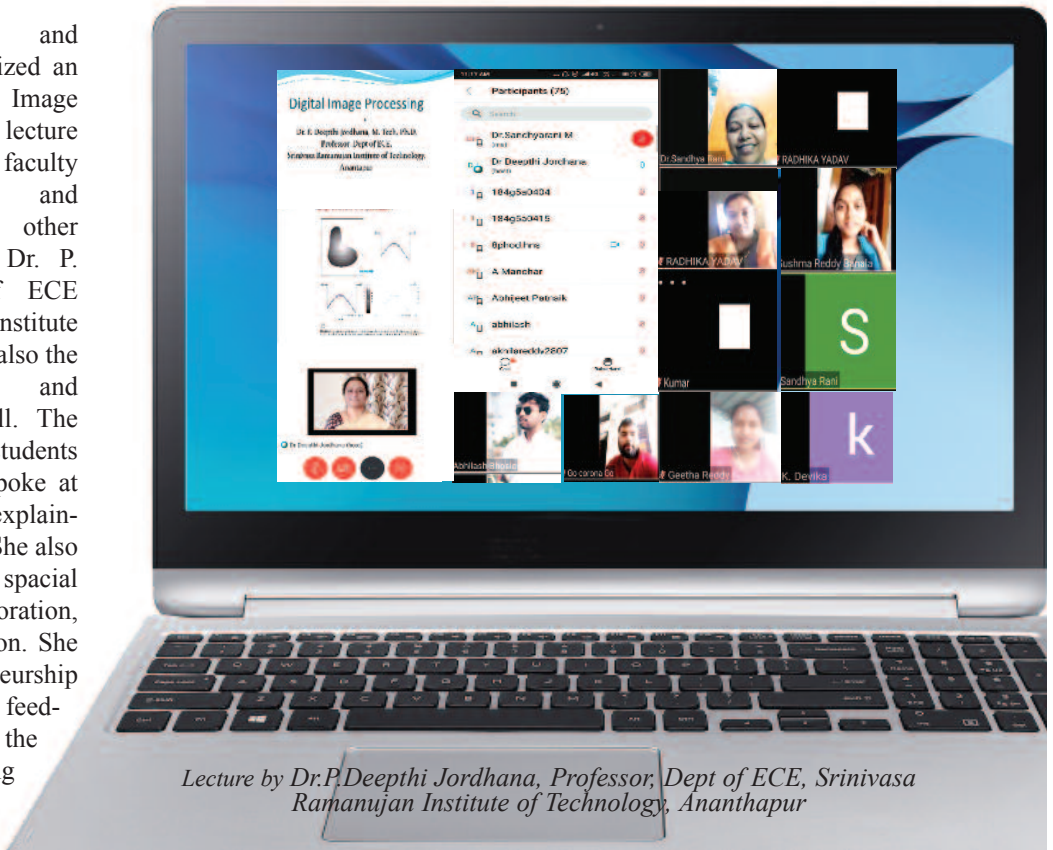
Lecture by Mr. Kaparthi Ravi Kishore, Sr. Principal Applications Engineer Oracle Corporation, Director, Huvi Technologies

ONLINE GUEST LECTURE ON DIGITAL IMAGE PROCESSING
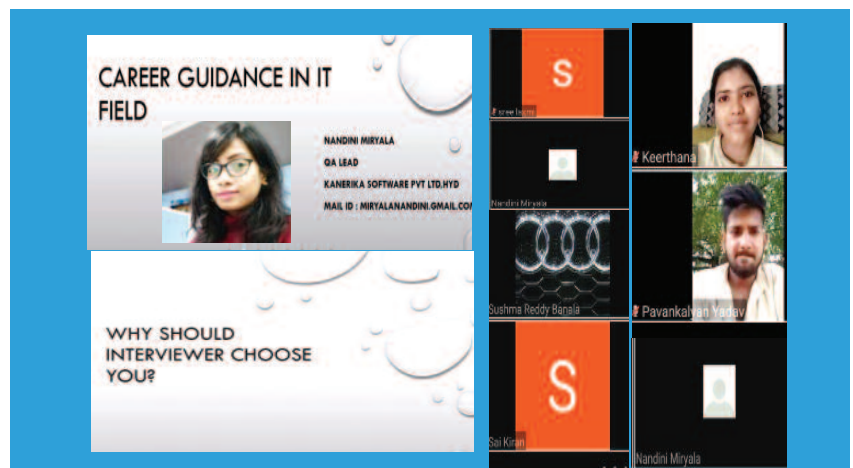## Electronics and Communication Engineering

Department of Electronics and Communication Engineering organized an online guest lecture on "Digital Image Processing " on 09.05.2020. The lecture was attended by 60 students and 15 faculty members of Electronics and Communication Engineering and other departments. The speaker was Dr. P. Deepthi Jordhana, Professor of ECE Department, Srinivasa Ramanujan Institute of Technology, Ananthapur who is also the convener for Innovations and Entrepreneurship Development cell. The session was very interactive and students participated enthusiastically. She spoke at length on digital image processing, explaining its concepts, image transforms. She also explained image enhancement in spacial domain, special filtering , image restoration, image segmentation and compression. She also offered guidance on entrepreneurship activities in our college. As per the feedback received from the participants, the lecture helped them in understanding the subject.

Lecture by Dr.P.Deepthi Jordhana, Professor, Dept of ECE, Srinivasa Ramanujan Institute of Technology, Ananthapur

ONLINE GUEST LECTURE ON "CAREER GUIDANCE IN IT FIELD"

Department of Electronics and Communication Engineering organized an online guest lecture on "Career Guidance in IT field" on 17.05.2020. The program was attended by about 65 participants from the Department of ECE and other departments. The resource persona was Ms. Nandini Miryala, QA lead in Kanarika software Pvt Ltd., Hyderabad. She was the recipient of the Best Employee award three times. The speaker dwelt at length on the opportunities available in the MNCs and the Starts ups in the field of Information Technology, tips for preparation of impressive resume and the skills required to get a good placement. This was followed by interaction with the students. The session was helpful for students for their future placements.

Lecture by Ms. Nandini Miryala, QA lead, Kanarika software Pvt Ltd., Hyderabad.

ONLINE GUEST LECTURE ON MANUFACTURING INSTITUTE-INDUSTRIAL INTERACTION
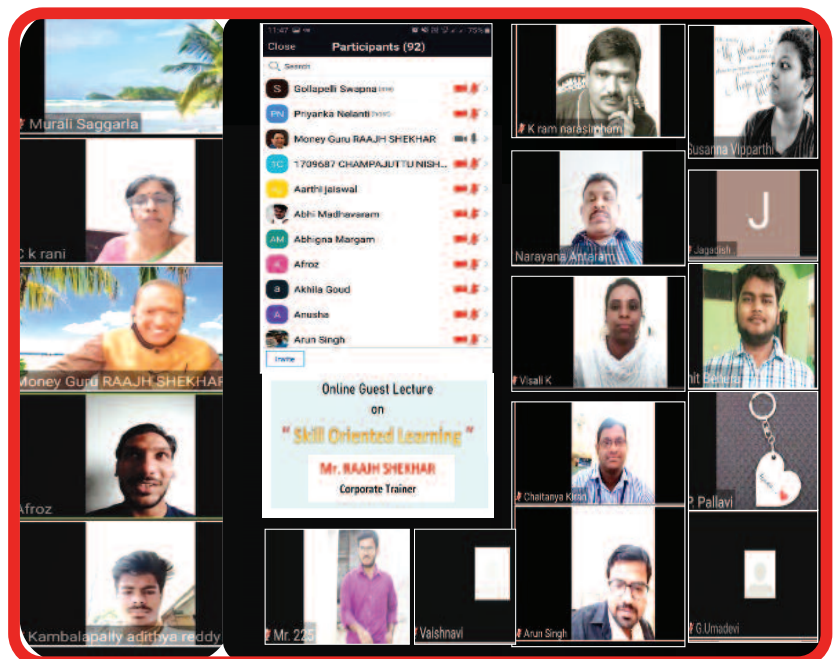
Mechanical Eangineering

Lecture by Sri Sridhar Bomma, Manager-Manufacturing Engineering, Nucon Aerospace Pvt.Ltd

Department of Mechanical engineering organized an online guest lecture on "Manufacturing (Institute -Industrial Interaction) on 31.05.2020 by Sri Sridhar Bomma, Manager-Manufacturing Engineering, Nucon Aerospace Pvt.Ltd., an expert on CATIA, CAD/CAM, NX10, VERICUT, SOLID WORKS & NC Programming. Students and faculty from the Dept of Mechanical Engineering attended the guest lecture .

ONLINE GUEST LECTURE ON SKILL ORIENTED LEARNING

Humanities And Sciences

An online guest lecture on   "Skill Oriented Learning" was organized by the Department of Humanities and Sciences on 05.06.2020 for the students of all the branches. The resource person, Shri Raajh Shekhar, is a Corporate Trainer who has authored many books, and inspired students with his lectures. The objective of the session was to make students aware of the present day expectations of the employer from them. The speaker started his talk iterating with the importance of skill oriented learning in the present day competitive world. He stressed the need for students to acquire high impact skills i.e. functional skills, communication skills, leadership skills etc. to enable themselves to get a reasonably good placement and also to achieve success in their career. The speaker made the session interesting by interacting with the participants. About ninety five students, which include students from other colleges, participated in the programme and the feedback was very positive.

Lecture by Shri Raajh Shekhar, Corporate Trainer

E-QUIZ ON PYTHON BASICS

During lockdown in order to keep students busy with subject knowledge and improve skill set among the students and faculty, under the guidance of Dr.T.R.Srinivas, HoD,faculty co-ordinator Mrs.K.Nagamahalaxmi, student coordinators Mohd Onaiskhan, final year, and Santosh Birader, III year, department of CSE, has organized a national level "E-QUIZ" on "PYTHON BASICS" on 05.06.2020. As many as 575 registrations for participation were made from 22 states. E-certificates were issued to those who got score of 60% and above.

FACULTY ACHIEVEMENTS

ONLINE GUEST LECTURE ON PRACTICING EXTREME PROGRAMMING

— by Dr. T. R. Srinivas

Dr. T. R. Srinivas, Head, Department of CSE delivered a 6-hour guest lecture on "Practicing Extreme Programming" on 25.05.2020 for CSE students of Indur Institute of Engineering & Technology, Siddpet Telangana.

Lecture by Dr.T.R.Srinivas, HoD, Dept of CSE

PUBLICATIONS IN JOURNALS

LIST OF RESEARCH PUBLICATIONS BY FACULTY MEMBERS

FACULTY NAME	JOURNAL	NATIONAL/ INTERNATIONAL	TITLE	DATE	DEPARTMENT
H. Anita	Journal of Engineering Science.	National	Advanced Multipurpose control system	Volume 11, Issue 5, May 2020	ECE
Dr.M.Sandhyarani	Journal of Engineering Science.	National	Advanced Multipurpose control system	Volume 11, Issue 5, May 2020	ECE

LIST OF PARTICIPATIONS IN FDP'S BY FACULTY MEMBERS

FACULTY NAME	DURATION	ORGANIZED BY	TITLE	DEPT
K Naga Maha Lakshmi	18-06-2020 to 19-06-2020	Vaageswari College of Engineering, Karimnagar	Block Chain-The Disruptive technology for good governance	CSE
K Naga Maha Lakshmi	22-05-2020 to 26-05-2020	National Youth Council of India and Brainovision Solutions India Pvt.Ltd	Artificial Intelligence	CSE
K Naga Maha Lakshmi	09-06-2020 to 13-06-2020	Gudlavalleru Engineering College	"Block Chain Technologies	CSE
U.Naresh	12-06-2020 to 17-06-2020	Mahaveer Institute of Science and Technology	Data science using R programming	CSE
Mrs.H.Anitha	29-05-2020 to 31-05-2020	GMR Institute of Technology	Research Topics in VLSI and Industry Trends	ECE
Mrs.H.Anitha	05-05-2020 to 10-05-2020	Nalla Malla Reddy Engineering College, Ghatkesar	Emerging Trends in Electronics & Communication Engineering	ECE
Dr.M.Sandhyarani	10-05-2020 to 15-05-2020	Santhiram Engineering College, Nandyal	Online Teaching Etiquette and Best Practices Organized	ECE
Dr.M.Sandhyarani	12-05-2020 to 16-05-2020	Saanketh Mithra, Hyderabad	An Online Skill Development Program on FUN with FPGA	ECE
Dr.M.Sandhyarani	12-05-2020 to 17-05-2020	Santhiram Engineering College, Nandyal	Advanced Antenna Design Using HFSS	ECE
Dr.M.Sandhyarani	18-05-2020 to 20-05-2020	MRIT, Secunderabad	HADOOP & Machine learning	ECE
Dr.M.Sandhyarani	02-06-2020 to 06-06-2020	Anurag University, Hyderabad.	Internet of things Organized	ECE
Dr.M.Sandhyarani	25-05-2020 to 29-05-2020	Institute of Aeronautical Engineering, Dundigal	An Insight into Various Accreditation Criteria of NBA Process	ECE
B. Radhika Yadav	11-05-2020	MVPS'S KBTCOE, Nashik	INTERNET OF THINGS	EC

B. Radhika Yadav	12-05-2020 to 16-05-2020	Saanketh Mithra, Hyderabad	FUN WITH FPGA	ECE
B. Radhika Yadav	18-05-2020 to 20-05-2020	Malla Reddy Institute of Technology, Secunderabad	HADOOP AND MACHINE LEARNING	ECE
B. Radhika Yadav	20-5-2020 to 24-05-2020	CMR Technical Campus, Hyderabad	Recent Trends in VLSI and Embedded Auto Industry	ECE
B. Radhika Yadav	05-06-2020 to 10-06-2020	Nalla Malla Reddy Engineering College, Ghatkesar	Emerging Trends In Electronic And Communication Engineering	ECE
B.Bharath Kumar	25-05-2020 to 30-05-2020	JNTUH College of Engineering, Sultanpur and Spoken Tutorial Project IIT Bombay	Scilab-An Open Source Substitute For Matlab	ME
B.Bharath Kumar	22-06-2020 to 27-06-2020	Pragati Engineering College, East Godavari and Spoken Tutorial Project IIT Bombay	Effective Research Writing using LaTex	ME
B.Bharath Kumar	20-05-2020 to 24-05-2020	Sri Sai Ram Institute of Technology, Chennai,Tamilnadu	Materials for Thermal and Renewable Energy Research	ME
B.Bharath Kumar	11-06-2020 to17-05-2020	MallaReddy College of Engineering [MRCE],Dhulapally	Course structuring, Teaching and Evaluation in HEI as per OBE	ME
B.Bharath Kumar	15-06-2020 to 20-05-2020	Gudlavalleru Engineering College, Gudlavalleru	Research Trends in Mechanical Engineering	ME
B.Bharath Kumar	22-06-2020 to 27-06-2020	Mahaveer Institute Of Science And Technology, Hyderabad.	Design Services in Advanced Manufacturing	ME
B.Bharath Kumar	21-05-2020	B.N.M Degree College, Hyderabad	Strategies To Revive The Economy For Better Performance -Post Covid 19	ME
Dr.C.K.Rani	25-05-2020 to 29-05-2020	Institute of Aeronautical Engineering, Dundigal	Insight into Various Accreditation Criteria of NBA Process	H&S
K.Visali	16-05-2020 to 18-05-2020	Kristhu Jayanthi College, Bengaluru	Post Covid-19:Paradigm shift in Business	H&S

LIST OF PARTICIPATIONS IN WEBINARS BY FACULTY MEMBERS

FACULTY NAME	DURATION	ORGANIZED BY	VENUE	DEPT
K Naga Maha Lakshmi	19-06-2020	MS Excel - Data Analytics and Visualisation Techniques	Cosmopolitan's Valia Centre Of Excellence, Valia college "	CSE
K Naga Maha Lakshmi	20-05-2020 to 22-05- 2020	Insights into block chain technology	Christ Nagar College, Maranalloor, Trivandrum	CSE
K Naga Maha Lakshmi	06-06-2020	Applied Data Science an Overview and Dive In"	Audisankara Institute of Technology	CSE
K Naga Maha Lakshmi	20-06-2020	Online examination tools	Bishop Heber College, Thiruchirapally	CSE
V.K.Aravinda	20-06-2020	data bite	Halakatti College of Engineering and Technology	CSE
U.Naresh	06-06-2020	Applied data science - an overview and dive in	Audisankara Institute of Technology	CSE
Mrs.H.Anitha	29-05-2020.	Pedagogical use of ICT in a classroom	Stanley College of Engineering and Technology for Women Hyd	ECE
Mrs.H.Anitha	25-05-2020	Digital Transformation	SRM Institute of Science and Technology	ECE
Dr.M.Sandhyarani	16-05-2020	IOT and its Applications.	Tech Counsellor & Tula's Institute Supported by Uttarakhand Technical University, TEQIP-III	ECE
B.Bharath Kumar	24-06-2020 to 25-06-2020	3d Printing and Its Industrial Applications	Dr.Rajendra Gode Institute of Technology and Research, Amravati.	ME
B.Bharath Kumar	29-04-2020	Fundamentals Of Strength Of Materials - Knowledge 4.0 Technical Webinar Series	Chennai Institute of Technology.	ME
B.Bharath Kumar	15-05-2020	Estimation & Detection Theory Through Matlab	Vaagdevi Engineering College	ME
B.Bharath Kumar	22-06-2020	Recent Trends On Industrial Tribology	Sri Ramakrishna Institute of Technology, Coimbatore.	ME
B.Bharath Kumar	21-05-2020	Applications Of Codes And Standards In Mechanical Engineering	A.V.C.Engineering College, Mayiladuthurai.	ME
B.Bharath Kumar	21-05-2020	Functionally Graded Metal Matrix Composites For Engineering Applications	Sri Indu College of Engineering & Technology.	ME
B.Bharath Kumar	21-06-2020	Use Of ICT In Good Governance	AKS University Satna	ME
B.Bharath Kumar	15-06-2020	Advances In Manufacturing Processes & Optimization Algorithms	KITS(S), Huzurabad.	ME
B.Bharath Kumar	21-06-2020	Design Thinking For Next Industrial Revolution – Industry 4.0	Arasu Engineering College, Kumbakonam	ME
B.Bharath Kumar	09-05-2020	Research Publications, Process, Credentials And Outcomes	Baba Institute of Technology and Sciences, Vizag.	ME
B.Bharath Kumar	19-05-2020	Industry 4.0	Sri Eswar College of Engineering, Coimbatore.	ME
B.Bharath Kumar	15-05-2020	Research, Innovation & Entrepreneurship Opportunities In Covid - 19 Scenario	Pandit Deendayal Petroleum University	ME
B.Bharath Kumar	16-05-2020	Knowledge Based Innovative Msme Schemes for Academic Institutions	Mangalam college of Engineering, Kerala	ME
B.Bharath Kumar	22-06-2020	Design Thinking For Next Industrial Revolution – Industry 4.0	Arasu Engineering College, Kumbakonam	ME
Dr.C.K.Rani	25-06-2020	Expectations of the Electronics Industry post COVID-19	Telangana Academy for Skill and Knowledge	H&S
Dr.C.K.Rani	30-06-2020	Relevance of Ancient Indian Wisdom Sarve Bhavathu Sukhinah in the present Pandemic Scenario.	Siksha O Anusandhan	H&S
P.Nooka Raju	28-05-2020	Differential equations and applications	Malla Reddy Institute of Technology and Science	H&S
K.Visali	30-05-2020	Selection of Research topic & designing a Questionnaire	Aurora's Degree and PG College	H&S
K.Radhika	14-05-2020	The Power of You	ICT Academy, India	H&S
K.Radhika	26-05-2020 to 29-05-2020	Recent advances in material research	Shri Ramdeobaba college of Engineering	H&S
M.Usha	30-06-2020	Relevance of Ancient Indian Wisdom Sarve Bhavathu Sukhinah in the present Pandemic Scenario.	Siksha O Anusandhan	H&S
G.Swapna	30-06-2020	Relevance of Ancient Indian Wisdom Sarve Bhavathu Sukhinah in the present Pandemic Scenario.	Siksha O Anusandhan	H&S

LIST OF PARTICIPATIONS IN WORKSHOPS BY FACULTY MEMBERS

FACULTY NAME	DURATION	ORGANIZED BY	TITLE	DEPT
K Naga Maha Lakshmi	21-5-2020 to 25-5-2020	AITS-TIRUPATI	Online Capacity Building Program on Internet of Things (IoT)	CSE
K Naga Maha Lakshmi	26-06-2020 to 31-06-2020	Department of BAF, Valia College	Ms Excel-Basics and Advance	CSE
K Naga Maha Lakshmi	08-06-2020 to 10-06-2020	Sai Spurthi Institute of Technology.	The Future Technology Stack- AI, ML & NLP	CSE
K Naga Maha Lakshmi	08-06-2020 to 13-06-2020	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India	PYTHON 3.4.3	CSE
P.Nooka Raju	16-05-2020	Vignan Institute of Management and Technology fo Women, Hyd	Single and two species population models	H&S
K.Visali	24 -4-2020 to 25-04-2020	JNTU Hyderabad	Online tools and software for Remote teaching &Learning	H&S
K.Radhika	15-06-2020 to 20-06-2020	Gudlavalleru Engineering College	Research trends in mechanical engineering	H&S

LIST OF PARTICIPATIONS IN E-QUIZ BY FACULTY MEMBERS

FACULTY NAME	DURATION	ORGANIZED BY	TITLE	DEPT
K Naga Maha Lakshmi	13-6-2020	Sreyas Institute of Engineering and Technology	Web Technologies	CSE
K Naga Maha Lakshmi	31-5-2020	Indur Institute of Engineering and Technology, Siddipet	PHP and MySQL	CSE
K Naga Maha Lakshmi	15-06-2020	Mohamed Sathak Engineering College	Neural Networks	CSE
K Naga Maha Lakshmi	19-06-2020	Bharat Institute of Engineering and Technology (BIET) under ACM & CSI Chapters.	Artificial Intelligence and Machine Learning	CSE
K Naga Maha Lakshmi	19-06-2020	Balaji Institute of Management Sciences, Laknepally, Narsampet, Warangal	NAAC Awareness Champion	CSE
K Naga Maha Lakshmi	31-05-2020	Don Bosco College, Dharmapuri	Aptitude	CSE
K Naga Maha Lakshmi	12-06-2020	SHREYAS Institute of Engineering and Technology	Cloud Computing	CSE
K Naga Maha Lakshmi	01-06-2020	Vaagdevi College of Engineering	Programming in C	CSE
K Naga Maha Lakshmi	11-6-2020	Shreyas Institute of Engineering and Technology	Artificial Intelligence	CSE
K Naga Maha Lakshmi	1-6-2020 to 3-6-2020	Mohamed Sathak Engineering College	Artificial Intelligence	CSE
V.K.Aravinda	6-19-2020.	Bharat Institute of Engineering and Technology	Artificial Intelligence and Machine learning	CSE
U.Naresh	20-06-2020	Bharath Institute of Engineering and Technology	Artificial intelligence and machine learning	CSE
U.Naresh	13-06-2020	Shreyas Institute of Engineering and Technology	Web technologies	CSE
Mrs.H.Anitha	3-6-2020 to 7-6-2020	SriVenkateshwara College of Engineering, Bengaluru	Awareness QUIZ on COVID-19	ECE
Mrs.H.Anitha	14-06-2020 to 18-06-2020	RCACS in association with IIC, CMR Technical Campus	"Principles of Analog and Digital Communications"	ECE
Mrs.H.Anitha	16-6-2020 to 20-06-2020	B.V.Raju Institute of Technology, Hyderabad	An Emerging Paradigm of low power Computational VLSI design	ECE
B. Radhika Yadav	06-05-2020	St.Joseph's Degree College	Excel Basics(Level1)	ECE
B. Radhika Yadav	06-06-2020	Dhanekula Institute of Engineering and Technology	Digital Electronics	ECE
B.Bharath Kumar	15-06-2020	Pragati Engineering College,Surampalem, E.G.Dt.	Concepts Of Mechanical Engineering	ME
B.Bharath Kumar	30-06-2020	Hyderabad Institute of Technology and Management	Automobile Engineering	ME
B.Bharath Kumar	16-06-2020	CMR Technical Campus, Hyderabad	CAD-CAM-CIM and its Applications	ME
B.Bharath Kumar	20-06-2020	Sir M Visvesvaraya Institute Of Technology	Machine Tools And Operations	ME
B.Bharath Kumar	17-06-2020	SRIPC	New Trends In Automobile Industries	ME
B.Bharath Kumar	01-06-2020	Holy Mary Institute Of Technology And Science.	Thermal Science	ME
B.Bharath Kumar	05-06-2020	KAMALA INSTITUTE OF TECHNOLOGY & SCIENCE, Karimnagar.	Industrial Robotics	ME
B.Bharath Kumar	14-05-2020	Selvam College Of Technology, Namakkal	Hydraulics And Pneumatics	ME
B.Bharath Kumar	17-06-2020	Geetanjali Institute Of Science & Technology, Nellore.	Thermal Engineering	ME
B.Bharath Kumar	28-06-2020	Kallam Haranadha Reddy Institute Of Technology, Guntur.	Automobile Engineering	ME
B.Bharath Kumar	29-06-2020	Adiparashakthi College Of Engineering, Chennai.	Fundamentals of Mechanical Engineering	ME
B.Bharath Kumar	22-06-2020	Kakatiya Institute Of Technology & Science, Warangal.	Modern Machining Processes	ME
B.Bharath Kumar	22-06-2020	Kallam Haranadhareddy Institute Of Technology,Guntur, A.P.	Refrigeration & Air-Conditioning	ME
B.Bharath Kumar	20-06-2020	PSCMRCET, Vijayawada.	Industrial Engineering &Management	ME
B.Bharath Kumar	24-06-2020	Bharat Institute Of Engineering And Technology, Hyderabad.	Automobile Engineering (Industry Perception)	ME
B.Bharath Kumar	14-06-2020	P.V.P.P. College Of Engineering, Mumbai.	E-Learning	ME
B.Bharath Kumar	24-06-2020	Murugappa Polytechnic College, Chennai	Manufacturing Processes	ME
B.Bharath Kumar	19-06-2020	Rathinam Technical Campus, Eachanari, Coimbatore.	Manufacturing Technology	ME
B.Bharath Kumar	22-05-2020	RVS Technical Campus – Coimbatore.	Recent Trends In IT	ME
B.Bharath Kumar	30-06-2020	ANURAG Engineering College, Suryapet.	Engineering Graphics	ME
B.Bharath Kumar	20-06-2020	Bharat Institute Of Engineering And Technology, Hyderabad.	Engineering Graphics	ME

B.Bharath Kumar	05-06-2020	P.V.P.P. College Of Engineering, Mumbai-22.	National Board of Assessment and Accreditation	ME
B.Bharath Kumar	05-06-2020	P.V.P.P. College Of Engineering, Mumbai-22.	National Board of Accreditation	ME
B.Bharath Kumar	10-05-2020	Bharati Vidyapeeth College Of Engineering, Mumbai.	National Board of Accreditation	ME
P.Nooka Raju	26-05-2020 to 28-05-2020	Bharathidasan Engineering college	General Mathematics	H&S
K.Visali	26-06-2020 to 29-06-2020	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College, Chennai	Entrepreneural Development	H&S
K.Visali	26-06-2020 to 29-06-2020	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College, Chennai	Principles of Management	H&S
K.Visali	29-06-2020	Sri Vadrevu Jogamma veda Sanskrit College, Kovvur, Andhra Pradesh	National English Quiz Series	H&S
K.Visali	31-05-2020	JNTUH College Of Engineering, Jagtial	Corona Virus (Covid-19)Awareness Program	H&S
K.Radhika	29-06-2020	Sri Vadrevu Jogamma veda Sanskrit College, Kovvur, Andhra Pradesh	National English Quiz Series	H&S
M.Usha	29-06-2020	Sri Vadrevu Jogamma veda Sanskrit College, Kovvur, Andhra Pradesh	National English Quiz Series	H&S
M.Usha	24-06-2020 to 28-06-2020	Dr.B.R.Ambedkar college	General Science	H&S
M.Usha	28-06-2020	Government Degree College, Atmakur	General English Quiz	H&S
M.Usha	21-06-2020 to 22-06-2020	Mahalakshmi Women's College of Arts and Sciences	Indian Writing in English	H&S
M.Usha	June 2020	Bharat Institute Of Engineering And Technology, Hyderabad	Mind Scribble English Quiz	H&S
G.Swapna	29-06-2020	Sri Vadrevu Jogamma veda Sanskrit College, Kovvur, Andhra Pradesh	National English Quiz Series	H&S
G.Swapna	29-06-2020	Sacred Heart College, Tirupattur	COVID-19 Awareness Quiz	H&S

STUDENT CHAPTER

AAR MAHAVEER CAMPUS RADIO POWERED BY YOUNIFY

In order to beat the COVID-19 isolation and amid speculations about lockdown extension, JNTUH collaborated with 'YOUNIFY' platform (www.younify. com) to offer dedicated online campus radio per campus at zero-cost. JNTU recommended the institutions to avail this initiative and engage the students during the lockdown. Being an affiliated institution of JNTUH we have taken up steps towards setting up this college radio on the 16th of April 2020. YOUNIFY is a campus radio network and student podcast platform is available through the Android and IOS mobile applications. It engages students on educational, informative and entertaining content. In addition to enabling student operated official campus radio, it also caters to the institution's academic requirements by facilitating e-lectures in both public and private modes through multi-layer classroom interaction architecture.
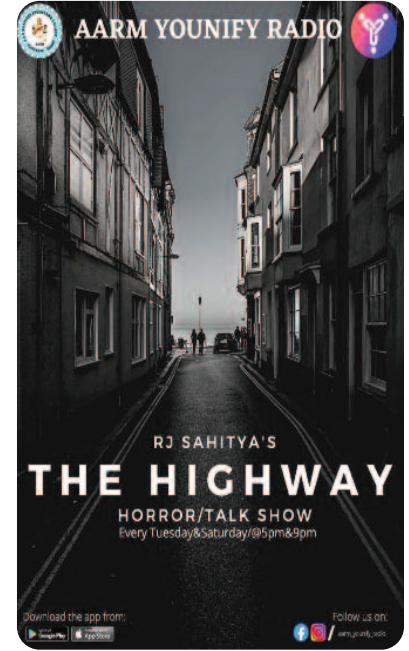

Campus Radio Team

IT WORKS IN TEAMS CONSISTING OF TRAINED STUDENTS IN THE RESPECTIVE SKILL OF EACH TEAM. THE TEAMS WORK THIS WAY

- The Creative Team invents new ideas/topics, that attract the attention of the listeners, for interviews/shows by the RJ
- The Technical Team handles the campus radio server and is responsible for streaming/podcasting the show.
- The Graphic Design Team will design the posters for announcements and advertisements of the shows.
- The Audio Editing Team edits the audio files to make them crisp and clear to listen.
- The Schedule Management Team decides the allotment of slots for different shows.
- The e-Publicity team publicizes the given shows on various social media handles to market to the audience about the latest happenings of the radio.
- The RJ Team is responsible for recording and hosting shows.
- You may download the YOUNIFY app on the App Store (IOS) or on Google Play store (Android)
- Mr. U. Naresh, Assistant Professor, Department of CSE, AAR Mahaveer Engineering College is the faculty coordinator for our Campus Radio. The first interview hosted was with our Principal who has taken it to the next level with his valuable inputs, suggestions, many out of the box ideas, and career plans too. Our Campus Radio then brought out many fun filled shows to get you going through this situation of lockdown. Shows also relating to many present-day scenarios were aired.
- RJ Farhaan Abaas took up the Prank Call Show and has been entertaining the listeners with his absolute mimicry on every Wednesdays and Fridays. RJ Susan has come up with a Real Talk Show, which keeps the listeners in touch with the little things that have neglected in everyday life, on every Mondays and Thursdays. RJ Sahitya has come up with the Horror Show, which drives us anxiously through haunted evenings on every Tuesdays and Saturdays.

Mr. U. Naresh,
Assistant Professor,
Department of CSE,
Faculty Coordinator,
AARM Campus
Radio

YOU CAN FOLLOW AND HIT US ON OUR SOCIAL MEDIA HANDLES FOR MORE CAMPUS UPDATES, QUERIES AND ALL YOUR VALUABLE SUGGESTIONS ON:
Instagram @aarm_younify_radio Facebook @aarmahaveercampusradio And you may also mail us at aarmcampus.radio@gmail.com.Stay Tuned to AARM Campus Radio brought to you by YOUNIFY!!!

Co Curricular Activities

STUDENT PUBLICATIONS

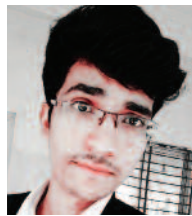| FACULTY NAME	JOURNAL	NATIONAL/ INTERNATIONAL	TITLE	DATE	DEPARTMENT
Arshiya Moin	SSRG International Journal of Computer Science and Engineering	International	Artificial Intelligence Vs Covid19	Volume7, Issue 5, May 2020	CSE
Abhijeeth Patnaik	Journal of Engineering Science	National	Advanced Multipurpose control system	Volume 11, Issue 5, May 2020	ECE
A.Akshay	Journal of Engineering Science.	National	Advanced Multipurpose control system	Volume 11, Issue 5, May 2020	ECE

Arshiya Moin
CSE-III Year

Abhijeeth Patnaik
ECE-IV Year

A.Akshay
ECE-IV Year

STUDENT PARTICIPATION IN NATIONAL LEVEL QUIZ

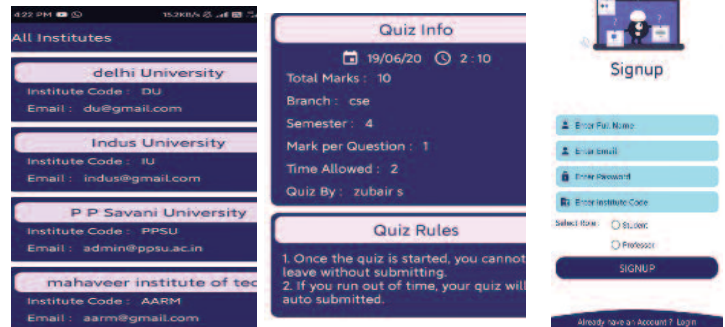| STUDENT NAME	ORGANIZED BY	TITLE	DATE	DEPT
Tirumani Likhitha	Shreyas Institute of Engineering and Technology	Web Technologies	13-06-2020	CSE
Tirumani Likhitha	Shreyas Institute of Engineering and Technology	C-Programming	15-06-2020	CSE
Tirumani Likhitha	Shreyas Institute of Engineering and Technology	SALES FORCE	17-06-2020	CSE
Tirumani Likhitha	Shreyas Institute of Engineering and Technology	Ethical Hacking	25-06-2020	CSE
Tirumani Likhitha	Idaya college for women, Kumbakonam	Math doodles	22-06-2020	CSE
Tirumani Likhitha	Shreyas Institute of Engineering and Technology	Block chain	26-06-2020	CSE
Tirumani Likhitha	Lord's Institute of science and technology		17-06-2020	CSE
Yerra Haritha	Bharath Institute of science and technology	Information system security	16-06-2020	CSE
Yerra Haritha	Bharath Institute of Science and Technology	Web Application development	07-06-2020 to 20-06-2020	CSE
Yerra Haritha	Bharath Institute of Science and Technology	Artificial intelligence and machine learning	9-06-2020	CSE
Yerra Haritha	Bharath Institute of science and technology	COVID-19M emergence in computer science	June 2020	CSE
Yerra Haritha	Bharath Institute of science and technology	Crack C & C++	17-06-2020	CSE
Abbas Khan	SHREYAS Institute of Engineering and Technology	C Programming	15-06-2020	CSE
P.Mouneshwar	Don Bosco College		01-04-2020	CSE
P.Mouneshwar	SHREYAS Institute of Engineering and Technology	Artificial Intelligence ,C programming , Web Technologies	10-06-2020	CSE
P.Mouneshwar	AAR Mahaveer Engineering College	Phython Basics	05-06-2020	CSE
P.Mouneshwar	Vivekananda Institute of technology and sciences	Entrepreneurship Resource planning	12-06-2020 to 13-06-2020	CSE
P.Mouneshwar	Indur Institute of Engineering and Technology, Siddipet	PHP and MySQL	31-05-2020	CSE
P.Mouneshwar	SHREYAS Institute of Engineering and Technology	Web Technologies	14-06-2020	CSE
P.Mouneshwar	Audisankara Institute of Technology	Applied Data Science an Overview and Dive In"	06-06-2020	CSE
Arshiya Moin	SHREYAS Institute of Engineering and Technology	Artificial Intelligence , C programming , Web Technologies	11-6-2020	CSE
Arshiya Moin	Sri Sant Gajanan Maharaj College of Engineering, Shergoan	COVID-19 Awareness quiz	12-05-2020	CSE
Arshiya Moin	Vivekananda Institute of technology and sciences	Entrepreneurship resource planning	12-06-2020 to 13-06-2020	CSE
Arshiya Moin	Vaagdevi College of Engineering	Programming in C	01-06-2020S	CSE
Arshiya Moin	SHREYAS Institute of Engineering and Technology	Artificial Intelligence	10-06-2020	CSE
Arshiya Moin	Shreyas Institute of Engineering and Technology	Cloud Computing	12-06-2020	CSE

ZUBAIR SHAREEF of CSE-II year has done an Android Developer internship at Sankalpsoft Solutions where he was part of the two member team which developed an app for online exams, designed the database which can register 5000+ institutes and can conduct 200+exams at one time from different institutes. It has more than 60+ Java and xml files. The app still is in development. bHe was also selected as by Intershala as our college ambassador as an isp program. He has also attended many online seminars organized by Internshala.

ZUBAIR SHAREEF , CSE- II year

Technology Used:
Androidstudio, Java, Firebasereal-timedatabase, SQLdatabase, AdobeXD

V. John Swaroop, CSE- II Year has designed and developed websites for various companies, i.e. Career Pharma, Forge and also developed an app named'Salaryfy'. Career Pharma is a leading Clinical Research Institute established in view to enhance the career growth of individuals with a Pharma and Life science background.
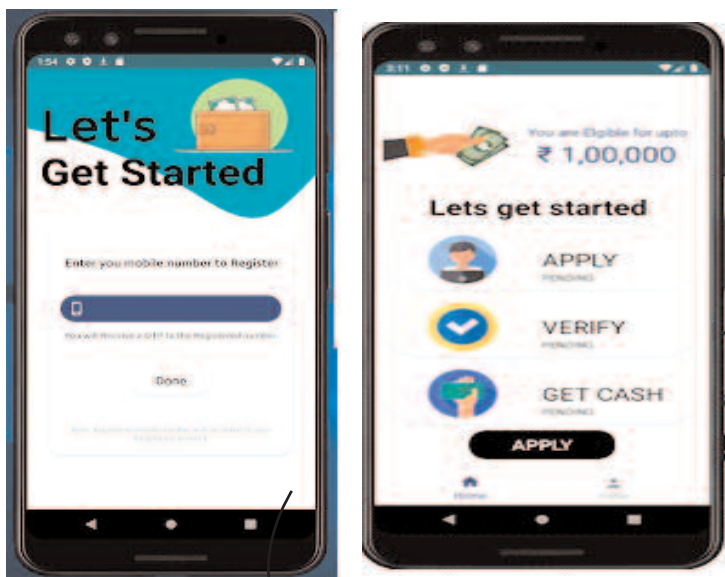
V. John Swaroop, CSE- II Year

FORGE.ORG.IN
Forge builds a network between engineering students and industry, providing inhouse referral placement and training. **Technology used:**
Front end: Wordpress+bootstrap
Backend: php S

ANDROID APP: SALARIFY
It is an app designed and developed by him for providing loans for employees and students.
Technology used: Native Android
Database:
PHP my SQL

Website for Career Pharma…
Career pharma.in
Technology used: Front end: Wordpress + bootstrap
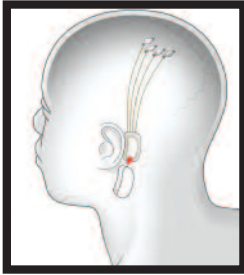**Backend:** phpSql

Extracurricular Activities

ARTICLES BY STUDENTS

NEURALINK-CONNECTING HUMAN BRAIN WITH MACHINE

Neuralink is a startup founded by Elon musk. It is a neurotechnology company developing implantable brain-machine interfaces. It is founded in 2016 and its headquarters is in San Francisco.
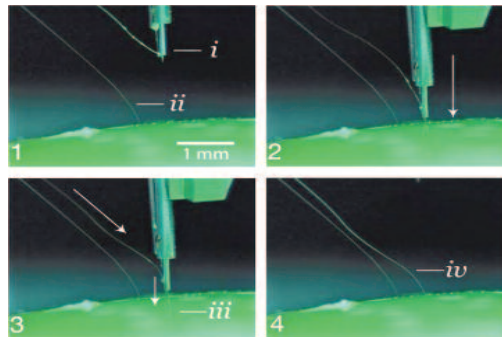

As we are all aware, our brain is composed of millions of Neurons. They communicate using neurotransmitter at the connecting point known as 'synopses'. The neurotransmitters are released in response to electric spikes called 'action potentials'. All senses we experience in life and feel are due to neuron firing.

Electrodes are used by neuralink to study our brain activity, each of which is approximately of 5 micrometers length. Electrodes, which are placed near the neurons detect electric fields produced by action potential and transmits it to the machine which records it.

Human Brain is divided mainly into two systems: limbic and cortex. Our limbic system controls our emotions and cortex controls problem solving and critical thinking. Neuralink links another system to brain, which is called BMI-brain machine interface. It has two parts, Brain and machine. Machine can be anything like computer, phone etc., Neuralink chip is of 4x4mm size and it contains 1000 electrodes. It is an integrated machine implanting electrodes in brain.

— Compiled by
B. Varshit Reddy, CSE, I year

USES OF NEURALINK

- It is used to use electric devices for brain disorder patients.
- It is used improve our vision by many times.
- It is used to control computer curser and phone without physical moment of body.
- It is used improve our critical thinking and remembering things etc

MY LIFE AT COLLEGE

Life at college is the time when teenage ends and everyone dives into new waters. This golden period lays strong foundation for one to face the challenges life throws in one's way in times to come. My experience at AAR Mahaveer engineering college has taught me one fundamental thing-life is unpredictable. It might be good, it might be bad, it might even be weird and it might not even interest you. Expect anything to happen. College life prepares you for all such ups and downs. It is a blend of joy and hardships. You meet different people, interact with them and you grow as a person.

— by K. Ruchitha
CSE- IV Year

MY PROFESSORS

Believe it or not, Professors are pretty cool people. They're smart, often experts in their fields and are willing to share their knowledge with you. Additionally, a lot of professors have interesting things they are working on that pertains to their study and we got to know our professors through office hours and class discussions. You may be surprised by how much you learn and how much you enjoy getting to know them as individuals and I did.I would like to thank all my professors who have guided me in the right path providing all the support. To be precise, you are the pillars of support.

PRACTICAL LEARNING

This is the most interesting thing which I always wait for, when I'm in the college. Yes, the "college labs", where we are given the logic of the problem and we have to find a way to implement that.

TECH FESTIVALS

We all get a chance to participate in hackathons, technical quizzes etc .where you can concentrate on your technical skills and even show off your technical prowess in a tech festival. Here is a picture where we have attended a workshop of "Smart India Hackathon" – at SRKR engineering college, Bhimavaram.
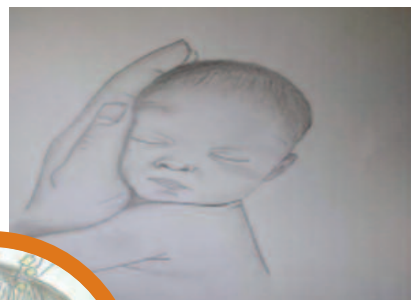
EXTRA-CURRICULAR ACTIVITIES

Trust me, once you get into a college, you will get an opportunity to be the artist you always want to be through some activity which is specially conducted for a particular event. You could be that director, vocalist or you could also be the dancer of your dreams – college is a santa claus that keeps on giving you those wonderful opportunities while you're in it and I've got plenty of chances to exhibit my skill.There are also campus festivals, which draw a lot of fun

from other colleges and let you show off your skills. Here are the activities which I participated in my college:

PLACEMENTS

This is the most important thing that every student will take care of: With all the guidance provided by my faculty, I'm very happy to say that I have got some offers:
Present: Web developer Intern and Campus ambassador at Interview Cracker
Full time Job offers by: Tata Consultancy Services for the role of Systems Engineer and Cognizant for the role of Programmer Analyst. Finally, in summary, my time in college has enriched

my life in many ways. It has provided me with necessary tools to enhance my skills, taught me valuable knowledge about this diverse world and people and concepts in general and eventually will enable me to hopefully become more successful in life when I get my degree. It also has stressed the importance of thinking critically and asking questions in many situations.

All these aspects of college have also made me more well rounded as a person. These experiences are truly irreplaceable. If I could go back in time and speak to my much younger self when I was first asked the question, "What has been your best experience?" he baby faced version of me would certainly have been surprised by what my answer is now!

ARTS AND CRAFTS

Arts and Crafts as a subject in school curriculum are typically taken for granted in school days but they turn out be our hobby when we grow up. This happened in my case too.. I got a chance to participate in the college competitions and that was whole lot of fun. Here are some of my contributions for the activities.

This song is dedicated to all my teachers
https://www.youtube.com/watch?v=Ymu2Aqt5GHg

Arts and Crafts

Arts and crafts describe a wide variety of activities involving making things with one's own hands. Involving students in such activities will invest in building their cognitive, physical and social development. Arts and crafts not only help in self-expression, visual learning but also give much need respite from the study related stress.

PENCIL SKETCHES

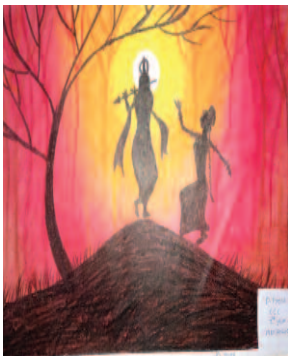*P.Vyshnavi,* CSE II year

D.Pooja
ECE I year

Mohd.Abdul Khader
EEE II year

P.Sahithya Reddy
EEE IV year

PAINTINGS

D.Pooja, ECE I year

M.Sushanthi, CSE II year

P.Vyshnavi, CSE II year
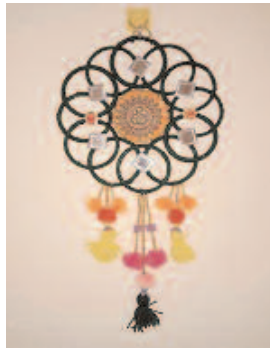
T.Likhitha, CSE II year

CRAFTS

This is the wall frame of Lord Krishna made up of using cardboard, paper, paintings.

T.Likhitha, CSE II year

D.Pooja, ECE I year

M.Sushanthi, CSE II year

Art washes away from the soul the dust of everyday life
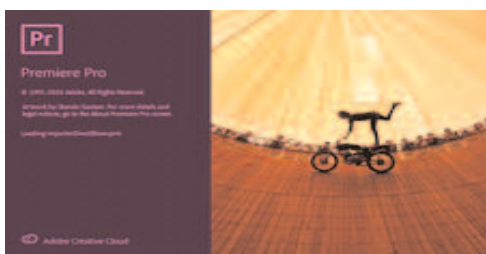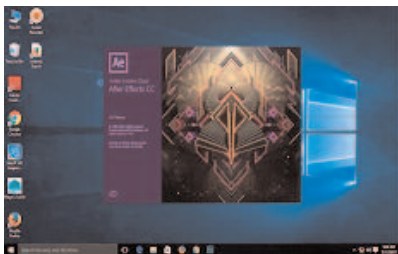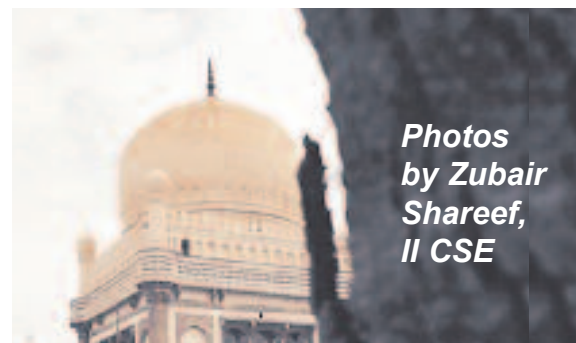
— *Pablo Picasso*

PHOTO EDITING

ABBAS KHAN of II CSE, who is a nature lover learnt photo editing and video editing at professional level during the pandemic and made 30+ photo edits/projects. He learnt two Softwares that are Adobe premiere Pro and Adobe after effects

VIDEO EDITING

— *by ABBAS KHAN, II CSE*

Photos by Zubair Shareef, II CSE

Let us all, AARM family strive hard to scale new heights and keep the flag of our noble institution flying.