



PRERANA EDUCATIONAL & SOCIAL TRUST (R)

PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT



Approved by AICTE, Affiliated to VTU, ISO 9001:2015 Certified & Recognized by Govt. of Karnataka.
NBA Accredited Programs: CSE, ECE, ISE, CV and ME



DEPT of AIML

विकश्या AIM

Department Official Newsletter



One step towards success



About AIML & its Scope

The industrial revolution 4.0 has introduced several new technologies that engineers need to imbibe to be relevant for the future. One among them is Artificial Intelligence and Machine Learning which is going to be a new trend that is going to shape the future and such engineers would be called as future thinking engineers. But given the new industrial revolution it has become essential that consolidation and strengthening of existing programs take place along with re-looking the engineering programs by introducing advance courses which is relevant with the new age demands. These kind of program should have specializations and there is need of futuristic courses that can keep pace with the technological and industrial advancements.

Artificial intelligence (AI) is wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence. The field of artificial intelligence has been an interdisciplinary endeavor, requiring deep knowledge of both computational and human sciences.

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.

Activities Details



01	Creativity & Work Ethics 15-10-2022
02	Bio Medical Signal Processing 15-10-2022
03	Object Oriented Programming Concept 21-10-2022
04	Incubation Center Inauguration 03-11-2022
05	Career Guidance and Course Overview 04-11-2022
06	Python for Beginners 05-11-2022 to 20-11-2022
07	Kannada Rajyotsava 09-11-2022
08	Children's Day 14-11-2022
09	Plantation & Tree Adoption 16-11-2022
10	Sports Day 18-11-2022
11	Flip-A-Coin 22-12-2022
12	Pic-O-Story 27-12-2022
13	Drawing 04-01-2023
14	Mr Motivation 04-01-2023
15	Eye Check-up and Eye Donation Camp 07-01-2023
16	Funding & Entrepreneurship 11-02-2023
17	C Programming for Beginners 20-02-2023 to 24-02-2023
18	Empowering Senior Citizens 09-03-2023
19	Forum Inauguration 09-03-2023
20	Student outside world interaction & Achievement
21	Faculty outside world interaction
22	Trip Gallery

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Industry Interaction on

Creativity & Work Ethics

15-10-2022

Prof U C Niranjana

Director of R&D

Manipal Dot Net Pvt Ltd, Manipal

In association with

IEEE Student Branch & IIC



Dr. Niranjana U. C. is Director of Research and Training at MDN. He brings more than 18 years of experience and passion in signal-processing. Well known as a teacher and senior researcher, his students have spread far and wide. He was a visiting researcher at Parama Tech Biomonitoring Institute, Fukuoka, Japan in 1994 and 1996. He has been teaching at various levels at the Manipal Institute of Technology since 1986, and is currently a registered PhD advisor at the Manipal University. He was guest faculty at Mangalore University, NMAMIT Nitte, and Karmic Manipal.

Dr. Niranjana is a Senior Member of the IEEE and the past national secretary of the Biomedical Engineering Society of India. He has served on the technical program committees of a number of conferences and workshops including IEEE-EMBS Annual Conference, 1998, Hongkong, National Conference on Biomedical Engineering, 2001, Bangalore and National Conference on Knowledge Based Frontier Technologies, 2007, Manipal. He has published over 40 Journal and conference papers. He was winner of the Whitaker Foundation student paper competition in IEEE-EMBS Conference, Paris 1992 and the Young Investigator Award, ICSE Conference, Arizona 1996.

Dr. Niranjana holds a PhD in Electrical Science from the Indian Institute of Science, Bangalore; M. Tech from KREC Surathkal and Bachelors in Electronics and Communication from the Gogte Institute of Technology Belgaum. A multifaceted personality, he also speaks German and Japanese, translates Vachanas of Basavanna, manages the Veera Shaiva Jangama Mutt and the Chitrakala Mandira Art School in Udupi. He can be reached by Email at niranjan at manipal dot net.



About the event

Inauguration of the industry invited talk was conducted in the seminar hall of Department of Computer Science and Engineering on 15-10-2022 at 11:15 AM in presence of Dr Prasanna Kumar H R, Head of the department of ISE, along with the Dr Arjun, Head of the department of CSE & the invited expert Dr Roshan Joy Martis from Global Academy of Technology, Bengaluru.

The event was organized as the part of National Innovation Day which is celebrated to mark birth anniversary of former President of India, Bharat Ratna Dr. A.P.J. Abdul Kalam.

The inauguration was blessed by the invocation song by Ms. Sannidhi of Dept of ISE. Dr Likewin Thomas, Dept of AIML welcomed the guest and the audience for the talk. He gave a brief introduction about the speaker and emphasized on why such events are required. Dr Prasanna, Head of the department of ISE, welcomed the guests and spoke about the importance of Creativity work ethics to the students.

Outcome of the Event

By the attending this Expert Lecturer our students gained:

1. Gained the knowledge about Creativity & work ethics which is essential from the real-life experience and its application
2. An ability to identify, formulate, and solve Real Life Issues
3. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
4. An ability to communicate effectively with a range of audiences
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
6. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
7. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
8. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Expert Talk on Bio Medical Signal Processing

15-10-2022

Prof Roshan Joy Martis

Associate Professor, Dept. of CSE
Global Academy of Technology, Bangalore

ABOUT THE EVENT

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OUTCOME OF THE EVENT

By the attending this Expert Lecturer our students gained:

1. Gained the knowledge about Bio Medical Engineering and its application for identifying ECG and other heart related issues.
2. An ability to identify, formulate, and solve Bio Medical Engineering problems
3. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
4. An ability to communicate effectively with a range of audiences
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
6. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
7. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
8. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.



Dr. Roshan Joy Martis defended his doctoral dissertation in Biomedical Signal Processing in March 2012 from School of Medical Science and Technology of Indian Institute of Technology, Kharagpur. He was a Research and Development Engineer at Ngee Ann Polytechnic, Singapore in a Ministry of Education funded project during 2012 to September 2014. Currently he is serving as Associate Professor of Computer Science and Engineering at Global Academy of Technology, Bengaluru.

He is known for his research in physiological signal processing. He has published more than 80 research articles in the peer reviewed, international journals having high impact factors. He served as guest editor in many special issues of reputed international journals. He received more than 5,000 citations to his published research papers so far and has H-index of 33. He is serving as a reviewer in fifteen Elsevier Journals in Biomedical Signal Processing. He is a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE), USA and Life Member of Indian Society for Technical Education (ISTE). He has appeared as one of the top 2% of researchers in the world as per a survey conducted by the researchers of Stanford University for continuous two terms for the years 2020 and 2021.

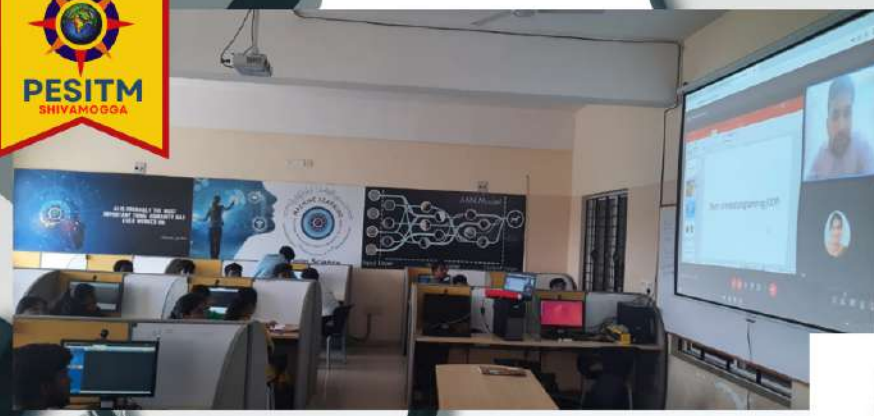


Object Oriented Programming Concept

21-10-2022

Prof Manoj Kumar M V
Associate Professor, Dept. of ISE
NMIT, Bangalore

**In association with
IEEE Student Branch & IIC**



Dr. Manoj Kumar M V is currently working as Associate Professor in Information Science and Engineering, Nitte Meenakshi Institute of Technology, Bengaluru. He has 11 years of research and academic experience. He has done Engineering and M.Tech. Degree in Computer Science and Engineering from VTU Belgaum. He earned his Ph.D. (with an MHRD fellowship for 4.5 years) from the Department of Computer Science and Engineering, National Institute of Technology Karnataka (NITK), Surathkal.

His research interests include Process Mining, Data Mining, and some aspects of Machine learning. He has authored 40+ data science-oriented research articles published in Conferences/Journals/Book Chapters. He has delivered 30+ research talks/workshops/FDPs at National and International levels on mobile application development and data science (Google certified mobile app developer). He is a reviewer for reputed international journals in Computer Science and Information Technology.

He has received a gold medal from the Federation of Karnataka Chambers of Commerce and Industry (FKCCI), for notable findings in his Ph.D. thesis. He has successfully executed 03 consultancy projects worth ₹12 Lakhs, and one is under the development phase. He is currently executing a funded project worth ₹5 Lakh for TEQIP VTU and VGST- Karnataka Govt. A few of his research papers were honored with the best paper award.



ABOUT THE EVENT

As the name suggests, Object-Oriented Programming or OOPs refers to languages that use objects in programming, they use objects as a primary source to implement what is to happen in the code. Objects are seen by the viewer or user, performing tasks assigned by you. Object-oriented programming aims to implement real-world entities like inheritance, hiding, polymorphism etc. in programming. The main aim of OOP is to bind together the data and the functions that operate on them so that no other part of the code can access this data except that function.

it consists of six components:

OUTCOME OF THE EVENT

By the attending this Expert Lecturer our students gained:

1. Gained the knowledge about OOPS Concept and its application for building Java applications..
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. An ability to communicate effectively with a range of audiences
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

INCUBATION CENTER

03
NOV 2022

02:00 PM
MAIN SEMINAR HALL

in Collaboration with



Sanjay Jha

Founder & CEO

An Alum of NIT Silchar & Asian Institute Of Management Manila, Philippines. He has a Business Experience of over 20 years with the likes of Tech Mahindra, Tata Motors & Mindtree.

Pawan Kumar

Senior Director AI LABS

Seasoned Technical Architect well versed in Product development, Cloud Architecture, Market fit analysis, Strategic Initiatives, and Team Building with expertise in Solution deployment, Strategic initiatives, AI, ML, Python, Deep Learning, Computer Vision, NLP, Scoping and Solutioning.

Jeenal Rajgor

AVP- HR & AIPS

A seasoned professional with over 11+ years of experience with a demonstrated history of working in the information technology and services industry. Skilled in Business Operations, Sales, Instructional Design, Management, and Strategic Planning. with a Master of Business Administration (M.B.A.) from Welingkar Institute of Management, Mumbai.

Shailaja Vernekar

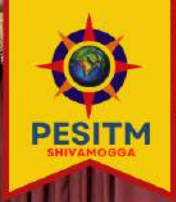
Senior Director AI Products and services

A sales expert with ten years of experience and a strong marketing foundation. Her passion for communication led her to a career in sales and marketing. Skilled in strategic management as well as sales, management, and marketing. Additionally, a committed representative of the Being Social NGO.



ResoluteAI.in are Innovators at heart and technologists in the mind. They are a driven group of Data Science & Artificial Intelligence product experts with a background of solving complex problems for the Fortune 100 Global companies. They love challenging the norm and have the technical know-how to actually do it.

Their flagship computer vision technology-driven product, FaceGenie is a revolutionary, touchless innovation that is changing how businesses secure and safeguard their people and assets, seamlessly. Highly relevant in the post-COVID world, their no-contact Attendance Management(AMS), Visitor Management (VMS) and PPE Compliance & Monitoring(PPE), offerings help enforce social distancing and reduce spread of infections while providing impeccable results.



Inauguration of Incubation Center

The inauguration of this incubation center was held at PESITM Shivamogga on 03-11-2022. Mr. Sanjay Jha CEO ResoluteAI.in, Pawan Kumar Senior Director AI LABS, Jeenal Rajgor, AVP- HR & AIPS and Shailaja Vernekar, Senior Director AI Products and services, represented ResoluteAI.in to grace the occasion. The ceremony was presided by Dr. Nagaraja R Chief Coordinator Administration PESTIM Shivamogga in presence of Dr. Chaitanya Kumar M. V Principal PESTIM, and HOD of all departments.

Mr. Sanjay Jha gave a brief overview about his company and how Resolute AI will give technical assistance for the students to work on Live Projects and provide free internship to the selected students. The students are selected based on their performance and continuous training on various technologies like Robotics, Drone, IOT, AI and, Augmented & Virtual Reality. Dr. Chaitanya Kumar M. V addressed about the industry expectations and how the world is turning towards digitization. Dr. Nagaraja R addressed the students about how the revolution of technologies will make the students to be prepared for the future days.



MR. SANJAY JHA
CHIEF GUEST

Dr. CHAITANYA KUMAR M V
PRINCIPAL, PESITM

SIGNING MOU OF INCUBATION CENTER WITH RESOLUTEAI.IN

According to NEP 2020, Education is a great leveler and is the best tool for achieving economic and social mobility, inclusion, and equality. Initiatives must be in place to ensure that all students from such groups, despite inherent obstacles, are provided various targeted opportunities to enter and excel in the educational system. In order to incorporate these elements to cope up with the local and global needs, PESITM Shivamogga inaugurated an Incubation Center in collaboration with ResoluteAI.in on 3rd November 2022.

As one of the biggest fashion brand production companies, we are determined to provide the best and high quality products to the customer. There is no limit when it comes to fashion and we also put our customer's satisfaction as our main priority. The products we provide are the variation of many things in the ongoing fashion trend such as dress, pants, skirt, etc.

Over 200 students from various departments attended the Inauguration of the Incubation Center. This Incubation Center will be a great platform for the students and faculty to learn about the recent technologies in Engineering and bridge the gap between academic learning and Industrial expectations.

In Association with
INCUBATION CENTER
Inspiring Innovation to Young Minds

3rd NOV 2022

1. Student
2. Research
3. Project



PHASES PLANNED FOR INCUBATING INNOVATIONS

- Assessment will be planned to check students' learnings as well as progress in course
- Periodic interviews will be taken for the internship.
- Last batch students will be grouped with fresh batch students to guide and help on basic programming.



- Selected candidates (up to 20) will be provided internship, while rest will be asked to prepare for next cohort.
- Selected few students will also be engaged in Robotics, Drone and IoT research based on students' interests.



- Basic courses on python, Java Script and AI ML will be suggested to students to complete from Udemy, YouTube or similar platforms.
- Along with Weekend session will be taken on basics of python, AI and ML based on availability of RAI team and students.



- Students who have cleared the assessment will get a chance to work on a real time project
- ResoluteAI will arrange for following events on Guest Lecture, Weekend session, Training, and, Hackathon



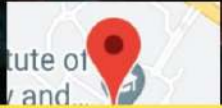


Orientation Session on

Career Guidance and Course Overview



Site no 20, near pesit college, Shivamogga, Karnataka 577205, India



Type	Degree	DMS
Latitude	13.9615356	13°57'42" N

04 November 2022

Resource People

Dr. Chaitanya Kumar M V

Dr. Manu AP

Mr. Sandeep Telkar R

Dr. Likewin Thomas, HOD AI & ML Department welcomed the gathering, in his brief address to the students, said that it was not the events but the attitude that caused success. He also stressed the importance of dedication to one's profession and the need to have proper planning before taking up and implementing any project.

Dr. Chaitanyakumar M V, Principal, PESITM Shivamogga addressed the students and gave brief overview of Outcome based education and how the students should be ready for Nation Education Policy Scheme (NEP) adopted by government of India.

Prof. Manu AP, Professor, CSE Department gave necessary information about the academic design of the B.E Course and the University and Institute rules and regulations regarding academic matters.

ABOUT THE EVENT

Department of Artificial Intelligence & Machine Learning, PESITM, Shimoga organized an orientation program for the newly admitted B.E students at the Department premises on 4th November 2022.

The major objective of the program was to make the students aware of the academic aspects of the course, the rules and regulations of the Institute and ensuring parental participation in monitoring the performance and progress of the students.



2 WEEKS HYBRID MODE TRAINING

05-11-2022 TO 20-11-2022

PYTHON FOR BEGINNERS



In Association with
IIC, PESITM & IEEE Student Branch

OUR TRAINERS:

VARUN N BHAT

Software Test Engineer
Cognizant Pvt. Ltd.
2020 Batch, CSE PESITM



HITESH KUMAR B

SOFTWARE ENGINEER BETSOL •
BANGALORE
2020 Batch, CSE PESITM



COURSE TIMINGS

- SATURDAY(5TH & 19TH OF NOV)
02:00 TO 05:00 PM (OFFLINE)
- SUNDAY (6TH & 20TH OF NOV)
09:00 TO 05:00 PM (OFFLINE)
- WEEKDAYS (7TH TO 18TH) ONLINE:
EVERYDAY 2 HOURS OF ASSESSMENT

Benefits to the students

- Study Material will be provided
- Course certificate will be provided
- Daily assignment and assessment will be conducted
- By end of this course, students are expected to write program using Python and the library functions

ABOUT THE SDP

What is python

- Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis.
- Python is a general-purpose language, meaning it can be used to create a variety of different programs and isn't specialized for any specific problems.

Frameworks in python

- Django - Full stack framework.
- Flask - Full stack framework.
- Web2Py - Full stack framework.
- Bottle - For building API's.

Libraries in python

- TensorFlow - For high level computation.
- Matplotlib - For plotting graphs for numerical data.
- Pandas - For data analysis, data manipulation, and cleaning of data.
- Numpy - For performing operations on numbers and matrices.
- Pygame - For designing games using python.



Introduction

- The print () statement to print "Hello World"
- Experimenting with escape sequence - \n, \b, \r, \t, \v, \a etc.
- Comments in python- single line and multi-line comments.
- Datatypes in python - Number, boolean and String type
- Variables in Python
- assign multiple values in python e.g, a,b,c = 1,2,"john".
- Type() function in python.
- Use of semicolons in python (Brain teaser).



Accepting input from user.

- A basic program to accept name, USN and marks of one subject from user and print the same.
- Modify the above program and display results using format() method - format method for 1 value, more than value and indexing values for format method (myorder.format(quantity, itemno, price)).
- Check the type of accepted values using type () and throw a question - how to accept integer values in python.
- Accepting integer values in python using int(input ()).
- Use of print("without text").
- Difference between input("with some text") and input()
- Fstrings.
- Program to swap two numbers.
- Concatenating two print statements into one using "end", and using sep. as separators between variables.
- Accepting multiple values in single input statement.

Operators in python

- Arithmetic, comparison, assignment, logical, membership, Identity, Bitwise.
- program to calculate how many seconds are there in week/month/year.



11-09-2022

Kannada Rajyotsava

The event was conducted on **11/09/2022** at PESITM. The day was acknowledged and celebrated as Kannada Rajyotsava. The event started with a few words spoken by the organizers (The cultural coordinators) that made us all realize the value of the Kannada language. 56 attendees attended the session. A series of activities were conducted on that day to realize the importance of the Kannada language. The activities were quizzes and skit.



The person who translated the word correctly was awarded or given a candy for active participation in the quiz.

14-11-2022

Children's Day

Children's day is usually celebrated in primary and middle schools, but our department had special plans. An unexpected children's day event was organized by our department of AI and ML on **14/11/2022**. Our beloved HOD, Dr Likewin Thomas discussed a lot of memories that a child will usually have. Then some of the students were asked to share their opinion about children and their behavior. One of the students explained about the boldness of children and why exactly it is lacking in most of the elder students. And some of the students expressed their childhood memories with all.



Mr. Sandeep Telkar R shared his thoughts and gave suggestions about the future and career of students. Later, there were fun based activities conducted by our

16-11-2022

Plantation Day

Universal Human Values is a subject newly introduced in the engineering. The objective of this subject is to develop graduates to their full human potential and to display strong work ethics which in turn enhance their performance as engineers. During the plantation we were asked do the vlog of the plant, every day to see the changes occurring in the plant on the daily basis. The event was conducted on **16/11/2022**. Prior to the event everyone was asked bring their pots which were to be uniform



Plant Adoption is the event which was conducted Under this subject where all were informed to divide themselves in the team of 5-6 members forming 11 teams.

18-11-2022

Sports Activity

On Friday, **18/11/2022**, Department celebrated a day which was dedicated to Cricket and Lagori. On this auspicious day, under the guidance of Mr. Sandeep T, the program started at 2:00 pm. All the students were very energetic that day as they were surrounded by atmosphere of enthusiasm. After the round of cricket matches, Later on we had a fun game named as LAGORI. And as this game was arranged in a manner to be a friendly and healthy competition



The finals were held between Team ESCN and Team fine legs. Team ESCN Celebrated their victory and lifted the trophy. Congratulations to the winning team!!

22-12-2022 Flip-A-Coin

On 22/12/2022 an event was conducted by branch of AIML on behalf of forum inauguration which was Flip a Coin. It was a competition held for everyone. So, the competition was to talk on the topic given to them and when a coin is flipped, they will have to speak against it. After the round of cricket matches, Later on we had a fun game named as LAGORI. This game was arranged for friendly and healthy competition.



The judges were Mrs. Deeksha, Assistant Professor, Basic Science Dept and Mr. Mallesh, CDC department.

27-12-2022

Pic-o-Story

On 27/12/2022, an event was held in AIML department which was Pic-O-Story. This competition is basically where an image is shown which is collaged and has a meaningful moral when we take the overall picture. It mainly focuses on a person's imagination and each of their unique thinking. How for a single image different people can write different stories. It enhances our creativity as it focuses more on imagination and thinking. It makes us create unique stories and improve our English through this.



The event was managed by Mr.Rajath, Miss.Sharanya and Mr.Samartha. It was made in group so that all members can share their thought and know each other's thinking on it and then together make it as a single story

4-1-2023

Drawing Event

On **04/01/2023**, AIML Dept conducted a drawing event as a part of inauguration activities. It was competition among all the branch students. The competition involved making drawing on the topic **“Negative aspects of Urbanization”**. Drawing can be a tool used to plan, learn and remember information and it can also improve our emotional well-being. Beautiful art can be both awe-inspiring and intriguing. Some of it simply awakens the creativity or beauty inside of us all, and other stunning works of art makes us really think about deeper issues.



The judges that made this event even more successful were Ms. Vani and Mr. Vinay S K from the department of ISE.

04-01-2023

Mr. Motivation

On 04/01/2023, AIML Dept conducted a drawing event as a part of inauguration activities. It was competition among all the branch students. The competition involved making drawing on the topic “**Negative aspects of Urbanization**”. Drawing can be a tool used to plan, learn and remember information and it can also improve our emotional well-being. Beautiful art can be both awe-inspiring and intriguing. Some of it simply awakens the creativity or beauty inside of us all, and other stunning works of art makes us really think about deeper issues.



The judges were Mrs. Deeksha, Assistant Professor, Basic Science Dept and Mr. Malthesh, CDC department.

Eye Check-up and Eye Donation Camp

Jan 07, 2023

Sankara Eye Hospital, Shivamogga

The objective of this camp was to spread awareness on eye disorders, early detection of ailments, and to detect refractive errors and provide corrective glasses free of cost to the underprivileged communities. A team of 10 members from Sankara Eye hospital were visited the venue. Eye Specialist

Dr. Mahesh from Sankara Eye Hospital inaugurated and spread the awareness of regular Eye Check-up. He also highlighted the importance of Artificial Intelligence and Machine Learning for early detection of eye disorder so that the preventive measures can be initiated.

Dr. Prasanna, HOD MBA & Manager CDC PESITM presided over the function in presence of NSS student coordinator Mr. Prajwal, 3rd Semester student of AIML.

This event was witnessed by over 300 students in presence of team Sankara Eye Hospital.

In Support with



FUNDING & ENTREPRENEURSHIP



11 FEBRUARY 2023

In Association with
 Institution's Innovation Council
 Entrepreneurship Development Cell &
 PESITM IEEE Student Branch

Mr. Praveen H J
 Manager (finance)
 MANAGE-CIA, HYDERABAD

MANAGE was established in 1987, as the National Centre for Management of Agricultural Extension at Hyderabad, by the Ministry of Agriculture & Farmers Welfare, Government of India as an autonomous Institute, from which its acronym 'MANAGE' is derived. In recognition of its importance and expansion of activities all over the country, its status was elevated to that of a National Institute in 1992 and re-christened to its present name i.e., National Institute of Agricultural Extension Management. MANAGE is the Indian response to challenges of agricultural extension in a rapidly growing and diverse agriculture sector. The policies of liberalization and globalization of the economy and the level of agricultural technology becoming more sophisticated and complex, called for major initiatives towards reorientation and modernization of the agricultural extension system. Effective ways of managing the extension system needed to be evolved and extension organizations enabled to transform the existing set up through professional guidance and training of critical manpower. MANAGE is the response to this imperative need.



Shivamogga, KA, India
 Shivamogga, Shivamogga, 577416, KA, India
 Lat 13.961087, Long 75.508260
 02/11/2023 10:02 AM GMT+05:30



राष्ट्रीय कृषि विस्तार प्रबंध संस्थान (मैनेज)
 (कृषि एवं कितान कल्याण मंत्रालय, भारत सरकार का एक स्वायत्त संगठन)
NATIONAL INSTITUTE OF AGRICULTURAL EXTENSION MANAGEMENT
 (An Autonomous Organization of Ministry of Agriculture & Farmers Welfare, Government of India)

MANAGE was established in 1987, as the National Centre for Management of Agricultural Extension at Hyderabad. MANAGE - CIA invites participation from cross-sector innovators and ideators across Focus Areas related to agriculture and allied sectors.

Faculty outside world interaction



5-Day Faculty Development Program

- Mrs. Thara K L attended 5-Day Faculty Development Program on "Data Science'22- Contemporary tools and techniques" conducted by ISE, NMIT, Bengaluru from 12th – 16th December 2022.
- Mrs. Thara K L attended Microsoft India and SAP India led 5-Day Faculty Development program on "Artificial Intelligence" under TechSaksham from 28th – 02nd November 2022.

2 Days State Level Virtual Workshop for Teachers

- Mr.Sandeep Telkar R attended 2 Days State Level Virtual Workshop for Teachers on "Artificial Intelligence & Robotics" from 29th – 30th November 2022.

Question paper setting to NMIT Bangalore

- Dr Likewin Thomas, was appointed as panel of examiners for preparing the question papers on Data Analysis using SAS for the academic year 2022-23 to NMIT Bangalore

Session chair of IEEE ICRAIE 2022 at NITK

- Dr Likewin Thomas, sessioned a chair for IEEE International Conference ICRAIE 2022 at NITK on 03-12-2022 at NITK Surathkal

Guest of Honor for Charlien Bees function

- Dr Likewin Thomas, was invited for as guest of honor for CHARLIAN BEES MOVEMENT Mary Immaculate High School.B. H. Road,Shimoga on 19th November 2022





ABOUT The Session

Shivamogga, KA, India

Shivamogga, Shivamogga, 577416, KA, India

Lat 13.961251, Long 75.508314

02/11/2023 09:31 AM GMT+05:30

Note : Captured by GPS Map Camera

In his Session, he briefed out various opportunities available for funding from government of India, and how Manage-Centre for Innovation and Agripreneurship (CIA) helps the students or entrepreneurs for getting one-stop solution for creating successful ventures in agriculture & allied sectors. The Agri Innovation Launchpad will empower to fulfil the dreams and create the next big thing in the agricultural sector for aspiring enthusiasts and entrepreneurs.

He also discussed how to apply for funding and how to write the proposals. The proposal should be the basis for decision making and must therefore be practical and useable. Proposal must be user-oriented. And also discussed about the funding opportunities in centre for Innovation and Agripreneurship (CIA) which is Centre of Excellence in Agribusiness Incubation hosted at National Institute of Agricultural Extension Management (MANAGE).

The Session concluded with a Vote of Thanks proposed by Miss. Sharanyya. Students gave feedback about the session and shown interest to applying for funding's. Dr. Likewin Thomas, HOD AI&ML Dept, addressed the students regarding the benefits of attending such sessions. Mr. Sandeep Telkar R, urged the students to participate in such activities and expand their knowledge bank.

During the Session, Dr. Prassana kumar H R, HOD ISE Dept, Dr. Prasanna Kumar T M, Head - Career Development Centre (CDC), Dr. Likewin Thomas, HOD AI&ML, Mr. Sandeep Telkar R, Mrs.Thara KL and students of all branches were present.

C Programming

5 Days SDP on

20-02-23 to 24-02-23

Day 1 of the session started with "Introduction to C programming" Mrs. Thara KL, Addressed the students regarding importance of C programming and how it helps the CSE stream students in shaping their career in IT industry. Basic foundation about C programming concepts were discussed in this session.

Day 2 of the session started with "Conditional Statement and Looping Statements" Dr. Likewin Thomas, Addressed the students regarding conditional and looping statements with an real time scenarios and example programs.

Day 3 of the session started with "Functions and Arrays" Mr. Sandeep Telkar R In this Session, he briefed out various categories of the functions and different types of Array concept. Hands-on Session was carried out for the students with the support of student coordinators from 3rd Semester AIML Dept.

Day 4 of the session started with "Exercise programs on array concept", During this session students were given with various programming problems and were asked to analyse the problem and design the C program. This session was carried out by Mr. Sandeep Telkar R, along with the student coordinators.

Day 5 of the session ended with "concepts of Strings and Pointers", Dr. Likewin Thomas in this session, he briefed out various topics under strings and pointers and how this concepts helps the students in building and analysing any complex problems.

The Session concluded with a Vote of Thanks proposed by Miss. Sharanyya. Students gave feedback about the session. Dr. Likewin Thomas, HOD AI&ML Dept, addressed the students regarding the benefits of attending such sessions. Mr. Sandeep Telkar R, urged the students to participate in such activities and expand their knowledge bank.



EMPOWERING SENIOR CITIZENS

09-03-2023

OUR MISSION

To transform lives of elderly through care and support and empower them to meet the daily life challenges.

OUR VISION

Many senior citizen today know how to use technology, navigating the internet and connecting on social media as seamlessly as younger generations. But barriers do exist when it comes to accessing and using technology. Many people lack basic skills due to the cost, as well as life circumstances. Devices, plus internet service and cellular phone service, are too expensive for many budgets. So the goal of our AIML is to reach the senior citizens and teach them mobile technology in simple manner.

ABOUT SENIOR CITIZEN DAY

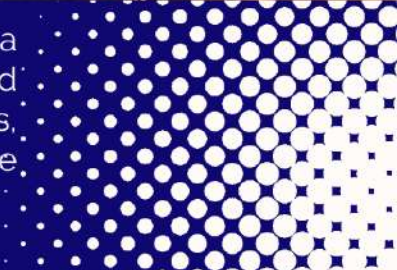
Senior Citizen Day is celebrated on August 21st to honor and appreciate the contribution of elderly Individuals in society. It was established to recognize the value role seniors play in our families and Communities. The holiday is celebrated through community events, volunteer activities, and outreach Programs, and many organizations offer discounts to seniors on this day.

This program was organized by department of AIML as part of NSS activity and social outreach event on 9-3-2023. More than 35 senior citizens from various section of society took part and witnessed the program,





A Total of 40 Seniors Citizens attended this event and made the event a grand success! AIML students having good tech skills helped seniors and people in our community to set up their own electronic devices, use apps, and navigate digital communications. It was a great job for kind, reliable people who want to give back while pursuing their degree.



Contents covered

- 01** Mobile recharge, Electricity bill payment
- 02** Make Screen lock, Screenshot, Password, OTPs. a monthly donation
- 03** Google, You-tube, Gmail.
- 04** WhatsApp – call, video call, conference, file sharing.
- 05** Online payment, Online shopping
- 06** Gas booking





FORUM INAUGURATION

09-03-2023

Objective

1. Promotes Cultural Diversity.
2. Encourages Talent.
3. Fosters Creativity.
4. Boosts Social Interaction.
5. Promotes Unity and Harmony.



Aim of the Cultural Fest

The primary aim of organizing a cultural fest is to celebrate the diversity and richness of various cultures across the society. The event aims to bring together people from different backgrounds to share their culture, traditions, and customs. The cultural fest provides a platform for people to exhibit their talent in various art forms, including music, dance, drama, and comedy.

Short Movie Release

The Department newsletter display plays an essential role in promoting the department's work, attracting potential students and faculty members, and keeping the public informed about the latest developments in the field.

Newsletter

The Department newsletter display plays an essential role in promoting the department's work, attracting potential students and faculty members, and keeping the public informed about the latest developments in the field.

YUVA SANGAM- A YOUTH EXCHANGE PROGRAM

An initiative by Govt. of India under the aegis of "Ek Bharat Shreshtha Bharath"

ORGANIZED BY AICTE

FROM:
24TH FEBRUARY 2023 TO 4TH MARCH 2023

My name is Prajwal and I am a 20-year-old student currently pursuing my graduation in Artificial Intelligence and Machine Learning Engineering at PESITM Shivamogga, currently studying in 3rd semester. I hail from Sogilu village in Nyamathi Taluk of the Davanagere district.



Student outside world interaction & Achievement

2 Days EDP by NaaViC and KSTA on 28th and 29th December 2022, Bengaluru.

Mr. Harsha T R, Mr. Prabhanjana K, Mr. Rahul Bilki, Mr. Sakib Ahamed and Mr. Samartha M J of 3rd Semester participated in 2 Days Entrepreneurship Development Program on "Augmenting Technologies for Transforming The Future of Animal Husbandry, Agriculture and Fisheries Science" by NaaViC and KSTA on 28th and 29th December 2022, Bengaluru.

Karnataka Zone Football Tournament held at JNNCE, Shivamogga on 5th December and 5th December 2022.

Mr. Gagandeep Rao P of 3rd Semester participated in Inter- Collegiate Central

Funding in MANTHAN, Federation of Karnataka chambers of Commerce and Industry

- Mr. Samarth M J, Miss. Devi S Naidu and Dhanya R of 3rd Semester had applied for funding in MANTHAN, Federation of Karnataka chambers of Commerce and Industry, Bangalore for the project title- ALL IN ONE APP.
- Mr. Samarth M J, Mr. Sakib Ahamed and Mr.Gagandeep Rao of 3rd Semester had applied for funding in MANTHAN, Federation of Karnataka chambers of Commerce and Industry, Bangalore for the project title- DIABETIC RETINOPATHY.
- Mr. Samarth and Mr. Rahul Bilki of 3rd Semester had applied for funding in MANTHAN, Federation of Karnataka chambers of Commerce and Industry, Bangalore for the project title-THERMOCATALYTIC DEPOLYMERIZATION.
- Miss. Nidhi V and Miss.Sinchana M C of 1st Semester had applied for funding in MANTHAN, Federation of Karnataka chambers of Commerce and Industry, Bangalore for the project title-IMAGE SCANING AND LANGUAGE CONVERSION WITH VACHNA.

Yuva Sangam Sponsored by AICTE

Mr. Prajwal was one among the 50 selected students selected from the State of Karnataka for "exposure visit of Youth to various States of India (Assam)" from 27th February to 3rd March 2023. Based on the registration on Yuva Sangam Portal. Yuva sangam was initiated by AICTE <https://ebsb.aicte-india.org/>

Faculty outside world interaction



5-Day Faculty Development Program

- Mrs. Thara K L attended 5-Day Faculty Development Program on "Data Science'22- Contemporary tools and techniques" conducted by ISE, NMIT, Bengaluru from 12th – 16th December 2022.
- Mrs. Thara K L attended Microsoft India and SAP India led 5-Day Faculty Development program on "Artificial Intelligence" under TechSaksham from 28th – 02nd November 2022.

2 Days State Level Virtual Workshop for Teachers

- Mr.Sandeep Telkar R attended 2 Days State Level Virtual Workshop for Teachers on "Artificial Intelligence & Robotics" from 29th – 30th November 2022.

Question paper setting to NMIT Bangalore

- Dr Likewin Thomas, was appointed as panel of examiners for preparing the question papers on Data Analysis using SAS for the academic year 2022-23 to NMIT Bangalore

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On 5th March 2023, 37 students visited Kemmanu Hanging Bridge, Udupi Krishna Temple, and Malpe Beach. The trip was led by Dr. Likewin Thomas, who ensured that all students had a safe and enjoyable experience.

A beautiful Journey

5th March 2023

1. Kemmanu Hanging Bridge
2. Udupi Krishna Temple
3. Malpe Beach

