



H. K. E. Society's S. L. N. College of Engineering, Raichur

(Affiliated to VTU, Approved by AICTE, Accredited by NAAC)

One Week online **AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES 2021-22** on
"AI & ML Revolution"

Sponsored by AICTE-ISTE, Organized by Department of Electronics & Communication Engineering

The Department of ECE conducted sponsored one week AICTE-ISTE Induction/refresher program on AI&ML Revolution from 12th January to 18th January 2022.

The inauguration of the program was held on 12th January 2022 at 9:30 AM.

Mrs. Jyothi B K Assistant Professor of ECE anchored the Inauguration program.

The program began with a beautiful invocation song by Miss Prabha Kambar student of 7 sem Mechanical Engineering.

Dr. R Basawaraj Principal welcomed all the participants and dignitaries.

Dignitaries inaugurated the program by virtually lighting the lamp.

Dr. Vishwanath P Associate Professor, Department of ECE Introduced Chief guest of the function Col. B Venkat, Director- FD, AICTE. Col. B Venkat gave Opening Remarks in his speech he highlighted importance of such programs and appreciated the effort made by organising team members.

Mr.V K Jalihal Assistant Professor of Department of ECE Introduced guest of honor Dr. Pratapsinh K Desai, President, ISTE, New Delhi. Dr. Pratapsinh K desai spoke about the Objectives of the Programme and lauded the initiative taken by the college in organising the program.

Mrs. Vijayarani K, Assistant Professor, Department of ECE Introduced guest of honor Dr. S G Malashetty, Treasurer & governing Council Member, ISTE, New Delhi and guest of honor Dr. Baswaraj Gadgay, Regional Director, VTU, Belagavi.

Mr.V K Jalihal Assistant Professor of Department of ECE Introduced Patron Shri N Girijashankar, Convener & Governing council member of HKE Society, Gulbarga. Shri N Girijashankar in his address asked everyone to make use of such events to enhance the knowledge and update skills.

Mrs. Smita Chetti Assistant Professor, Department of ECE Introduced Chief Patron Dr. Bhimashankar Bilgundi, President, HKE Society Gulbarga. Dr. Bhimashankar Bilgundi gave presidential remarks on the programme.

Inaugural session ended with presidential remarks.

[Click here for video link of Inauguration function](#)

As per the guidelines the three technical session were conducted per day

Day 1: Wednesday 12/01/2022 @11:00 AM

The technical session began with Mr. V. K. Jalihal introducing the resource person Mr. Shashi Kiran Managing Director, Pragmatic Embed Solutions, Bengaluru.

Topics covered on Day1

- Introduction to AI & ML
- Installation of Python and sample code test.

[Click here for video link for day-1 Sessions-1](#) [Click here for video link for day-1 , Session- 2&3](#)

Day 2: Thursday 13/01/2022 @ 9:30AM

Day 2 had three technical sessions all of them were handled by Shashi Kiran Managing Director, Pragmatic Embed Solutions, Bengaluru.

Topic covered were

- Understanding about Library Packages, Sample code
- Image Processing Sample Code Analysis
- Basics of Python Programming

[Click here for video link for day-2 Sessions-1 & 2](#) [Click here for video link for Day-2 Session-3](#)

Day 3: Saturday 15/01/2022 @ 9:30AM

Day 3 had three sessions, 1st and 3rd session were handled by Shashi Kiran Managing Director, Pragmatic Embed Solutions, Bengaluru and topic covered were

- Types of Machine Learning
- ML - Loan Prediction Dataset and Code Analysis

Dr. Vishwanath P Associate Professor, Department of ECE Introduced the Speaker Dr. Vishaldatt Kohir . 2nd session was handled by Dr. Vishaldatt Kohir Professor, Department of Mechanical Engineering, KBN University, Kalaburgi. He spoke extensively on “Influence of NEP 2020 on Engineering Education”.

[Click here for video link for day-3 Sessions 1 & 2](#) [Click here for video link for day-3 Sessions 3](#)

Day 4: Sunday 16/01/2022

Day 4 had three sessions, 1st and 3rd session were handled by Shashi Kiran Managing Director, Pragmatic Embed Solutions, Bengaluru and topic covered were

- Anaconda Package Installation- Jupyter Tool Sample code test
- ML - Customer Segmentation Dataset and Code Analysis

Dr. Vishwanath P Associate Professor, Department of ECE Introduced the Speaker Mr. Rakesh Nataraj. 2nd session was handled by Mr. Rakesh Nataraj, Software System Senior Engineer, DELL Technologies, Bengaluru. He discussed “Scope and Future of AI - Industry View”.

[Click here for video link for day-4 Sessions- 1& 2](#) [Click here for video link for day-4 Sessions-3](#)

Day 5: Monday 17/01/2022

Day 5 had three technical sessions all of them were handled by Shashi Kiran, Managing Director, Pragmatic Embed Solutions, Bengaluru and he covered

- Introduction to Neural Network
- CNN Algorithm Analysis with Animal Classification Example
- Simple Study of ML Algorithm

[Click here for video link for day-5 Sessions-1 & 2](#) [Click here for video link for day-5 Sessions-3](#)

Day 6: 18/01/2022

Day 6 had two technical sessions they were handled by Shashi Kiran, Managing Director, Pragmatic Embed Solutions, Bengaluru and he covered

- Data Analysis with graphical Visualization
- ML - Clustering Code Analysis

[Click here for video link for day-6 Sessions-1 & 2](#)

Everyday feedback was collected and we received good feedback from the participants.

Tests were conducted on each day had 5 MCQs and on the 6th day main exam was conducted which contained questions from all the topics covered in technical sessions.

On the 6th day at 2PM Valedictory function was arranged

Dr. R Basawaraj Principal welcomed all the participants and dignitaries.

Few participants gave feedback on the program, and they were all happy about the way various sessions were planned and delivered.

Mr. V K Jalihal Assistant Professor of Department of ECE Introduced Patron Shri N Girijashankar, Convener & Governing council member of HKE Society, Gulbarga. Shri N Girijashankar in his address expressed his satisfaction and thanked AICTE-ISTE and all the participants.

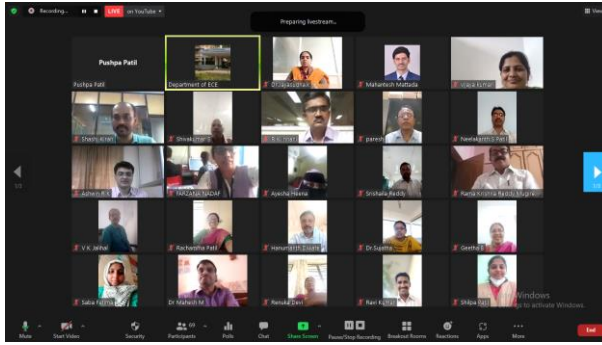
Mrs. Jyothi B K Assistant Professor of ECE Introduced guest of honors Shri Nijanand Reddy, Secretary and Treasurer, ISTE, Karnataka Section, Karnataka. Dr Vishwanath P. Associate Professor of ECE Introduced guest of honors Dr. Venkata Subbaiah G. Vice President, ISTE, New Delhi. Shri Nijanand Reddy and Dr. Venkata Subbaiah G in their speech lauded the efforts made by the organising team and he emphasised on importance of enhancing skills.

Prof Vijay D Vaidya Chief Guest who could not make to the valedictory function conveyed his best wishes to all the participants and organisers.

Dr. V M Viswanatha professor and head of ECE presented vote of thanks.

[Click here for video link of Valedictory function](#)

Photographs of the event



Signature of the program coordinator
Dr. Viswanatha V M