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Department of Computer Science and Application

Organizes

A

TWO DAYS INTERNATIONAL CONFERENCE ON

"Recent Advances in Computer Science and Information Technology"

Date : Tuesday 10th and Wednesday 11th January 2023

Time :9:30 am onwards

Day 1

Tuesday 10th January 2023

Inaugural Ceremony

Hon'ble Chief Guest- Dr V. Gurmeet Sigh, Hon'ble Vice Chancellor, University of Pondicherry, Tamil Nadu, India

Comparing&Vote of Thanksby:Ms. Neha Samundre

Time :9:30 am to 10: 10 am

Keynote Session

Topic :AI, ML and Natural Language Processing

Keynote Speaker/ Guest – Dr Bal Krishna Bal, Associate Professor, Head of Department of Computer Science & Engineering, Kathmandu University, Nepal

Chairperson – Dr Liladhar Rewatkar, Assistant Professor, Head Department of ComputerScience and application, Nagpur, Maharashtra, India

Emceed and Vote of thanks proposed by – Ms. Priyanka Chandawar

Time : 10:10 am to 10: 40 am

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Session 1

Topic : 'Trends in Bioinformatics'

Keynote Speaker/ Guest – Dr Kiran Sree Pokkuluri, Professor, of Computer Science & Engineering , Sri Vishnu Engineering College for Women, Andhra Pradesh, India

Moderator – Dr SonuBala Garg, Assistant Professor, Department of Elect. & Comm. Engg., IK Gujral Panjab Technical University Campus, India

Emceed & Vote of thanks – Ms.Afsha Khan& Ms. Achal Thakur

Time : 10:50 am to 12:10 pm

Day 2

Wednesday 11ᵗʰ January 2023

Session 2

Topic : "Add-ons for chrome to boost research activity"

Keynote Speaker/ Guest – Dr S. B. Kishor, Head of IHLRSS, Computer Science, S.P. College, Chandrapur, Maharashtra, India

Moderator – Dr Sandhya Arora, Professor, Department of Computer Engineering, Cummins College of Engineering for Women Pune, Pune Maharashtra, India

Emceed &Vote of thanks By – Ms. Shivani Mesawat & Ms. Sharvari Ramteke

Time : 9:30 am to 10: 30 am

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Session 3

Topic :"Security related issues in ICT"

Keynote Speaker/ Guest – Dr Gajendra Sharma, Associate Professor, Dept. of Computer Science, Kathmandu University, Nepal

Moderator – Dr Latesh Malik, Associate Professor, HOD, Dept. of Computer Science & Engineering, Government College of Engineering, Nagpur, Maharashtra, India

Emceed & Vote of thanks By – Ms.Shalaka Saygaonkar & Ms. Kalyani Bawangarh

Time :10:50 am to 12:00 Noon

Valedictory Function

Speaker/Guest - Dr Anita Chaware, Associate Professor, MCA, PG Department of Computer Science, SNDT Womens University, Mumbai, Maharashtra, India

Hon'ble Chair Person : Dr S. C. Gulhane, Secretary, PrernaSewa Mandal, Nagpur, Maharashtra, India

Emceed & Vote of Thanks By : Dr Manjiri Pathak& Ms. Shivani Mesawat

Time : 12:05 pm to 12:20 pm

Objectives: -

- ➢ To provide the basic knowledge about recent advances in computer science and information.

- ➢ To apply knowledge of computing and mathematics appropriate to computer science

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➢ To analyze a problem, and identify and define the computing requirements appropriate to its solution.

➢ To communicate effectively with a range of audiences.

➢ To analyze the local and global impact of computing on individuals, organizations and society.

➢ To use current techniques, skills, and tools necessary for computing practice

➢ To apply design and development principles in the construction of software systems of varying complexities.

➢ To ensure coordination to bring overall focus on recent development in computer science and information.

➢ To understand the security issue in computer science and information technology in latest trend.

➢ To aware about latest tools used in the significance of research.

➢ To know about the technological conversion in computer science and IT.

Highlights:-

Inaugural Ceremony

1. On the day, Ms.Neha Samundre welcomed and introduced the chief guest of the program Dr V. Gurmeet Sigh, the Chairperson Ms.Abhilasha Gudadhe madam and the guest of honor Dr Pravin Joshi.

2. Dr Pravin Joshi made introductory remarks explaining the advancements in information technology and computer science.

3. Dr V. Gurmeet Sigh explained not only about the new technology advancement in today's education system and importance of UG level teaching. His talk made faculty members aware about their role after pandemic in teaching.

4. Finally, Vote of thanks proposed by Ms Neha Samundre.

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Day 1 (Tuesday 10th January 2023)

Keynote Session

1. Ms. Priyanka Chandawar welcomed and introduced the chief guestDr Bal Krishna Bal and Chair person Dr Liladhar Rewatkar of the programme.

2. Dr Bal Krishna Bal explain the topic 'AI, ML and Natural Language Processing' in a very lucid manner and also elaborated the topic morphological analysis, synthetic analysis and discourse analysis.

3. He explained the role of ML/DL in a typical NLP Pipeline.

4. He point out that how transformer used To solve task sequence while easily handling long distance dependencies creating wonders outside NLP like music composition.

5. NLP is rapidly evolving and application is growing by minutes.

6. He also interacted with the faculty members during the session and clarified their doubts.

7. Finally Vote of thanks proposed by Ms. Priyanka Chandawar.

Session 1:

1. Ms. Afsha Khan welcomed and introduced the resource person Dr. Kiran Sree Pokkuluri and Moderator Dr Sonu Bala Garg.

2. Dr. Kiran Sree Pokkuluri explained 'Trends in Bioinformatics' and how theinterdisciplinary field can be developedby the methods and software tools.

3. He also explainslogical structure of transformation and review of protine coding region(PCR).

4. Hon'ble Moderator, Dr SonuBala Garg summed up the session explaining the key components of Bioinformatics Trends.

5. Finally Vote of thanks proposed by Ms. Achal Thakur.

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Day 2(Wednesday 11th January 2023)

Session 2:

1. Ms. Shivani Mesawat welcomed and introduced the resource personDr S. B. Kishor and moderator Dr Sandhya Arora.

2. Dr S. B. Kishor enlighten the participants with his talk on the topic 'Add-ons for chrome to boost research activity'. He gave ample of knowledge about the research ,report writing and thesis writing.

3. He also conducted on hand session of many Add-ons such as inserting picture by open education resource,unpaywall,wikiwand and many more.

4. Dr S.B.Kishor explain every add-ons very easily so that those tools become useful for the researchers and PhD scholars.

5. Hon'ble Moderator ,Dr Sandhya Arora summed up the session by adding more Add-ons in the list as formplus , scihub, google dictionary.

6. Finally Vote of thanks proposed byMs. Sharvari Ramteke.

Session 3:

1. Ms. Shalaka Saygaonkar welcomed and introduced the resource personDr Gajendra Sharma and moderator Dr Latesh Malik.

2. Dr Gajendra Sharma explain the concept of 'Security related issues in ICT' , he also explain about ICT and parts of ICT.

3. He through the light on characteristics , uses , advantages and limitations of ICT.

4. Dr Gajendra Sharma highlighted security issues as viruses , malicious program , cyberbullying , banking frauds and many more.

5. Moderator Dr Latesh Malik concluded the session by explaining the major security issues in ICT and how can we overcome them.

6. Finally Vote of thanks proposed byMs. Kalyani Bawangarh.

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Valedictory Function:

1. On this occasion, Dr Manjiri Pathak welcomed and introduced the chief guestDr Anita Chaware, Hon'ble Chair Person , Dr S. C. Gulhane and guest of honor, Dr Pravin Joshi of the programme.

2. Chief guest Dr Anita Chaware, explain the concept of 'Technological Convergence' as the functions of different technologies are merged and interoperate as a single unit.

3. Dr. S.C. Gulhane stated that the purpose of conferences is to bring together people who hold similar views from throughout the country or the world in order to educate, discuss, share ideas, generate new ideas, and inspire motivation.

4. Finally Vote of thanks proposed byMs. Shivani Mesawat.

❖ Outcome: -

➤ The faculty members learned about the most modern benefits of information technology.

➤ Participants are aware of current developments in natural language processing as well as the roles played by deep learning and machine learning.

➤ They gained knowledge of cellular automata and bioinformatics developments.

➤ The research principles were also taught to the participants.

➤ They gained knowledge of many Add-On / Extensions that are very helpful when conducting research.

➤ The faculty gained knowledge of information communication techniques.

➤ They gained awareness of how ICT is used in fields like education and healthcare.

➤ They gained knowledge about ICT security concerns and solutions.

➤ They also learn about ICT policies.

➤ Participants also learnt that advances in artificial intelligence (AI), machine learning, robots, and other technologies have ten-fold accelerated transformation.

No. of Participants:120 Participants

Programme Co-ordinator
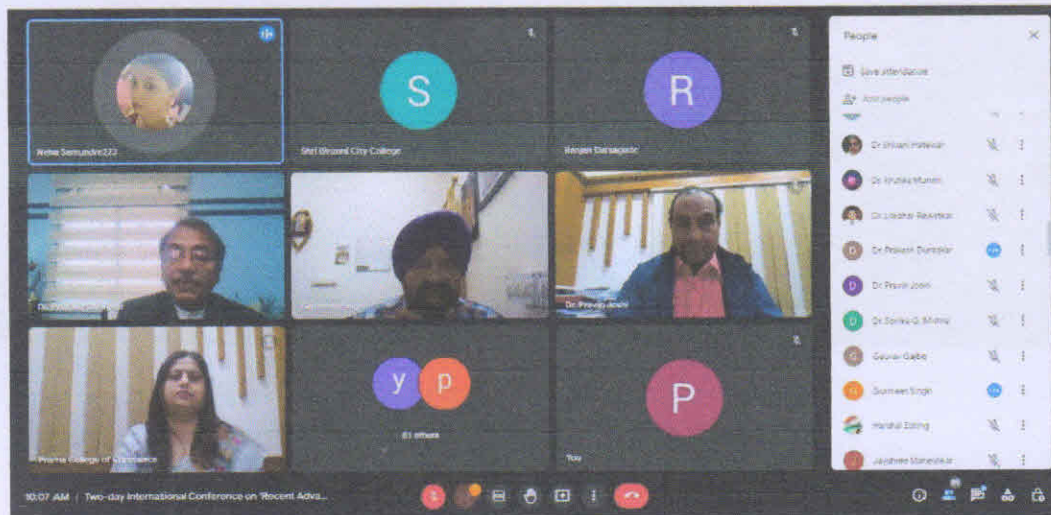**Prerna College of Commerce**

Dr Bharti Deshmukh

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The Glimpses of Two Day International Conference

- **Day 1 (Tuesday 10th January 2023)**

Chief Guest Dr V. Gurmeet Sigh addressing the participants

Keynote Session Addressed by Dr Bal Krishna Bal

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Chairperson DrLiladharRewatkar sharing his view.

Session 1:

Resourse person Dr Kiran SreePokkuluri sharing enlightening participants

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Moderator DrSonuBala summing the session

- **Day 2 (Wednesday 11th January 2023)**

Session-2

Resource person Dr S. B. Kishor and Moderator Dr Sandhya Arora addressing the participants

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Session -3

Guest speaker Dr Gajendra Sharma and moderator Dr Latesh Malik addressing the participants

Valedictory function

Chief guest Dr Anita Chaware delivering her talk on Valedictory Function

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Valedictory note by Dr.S.C.Gulhane

Programme Co-ordinator

Prerna College of Commerce

Dr Bharti Deshmukh