

Guest Lecture on Natural Language Processing

A guest lecture on Natural Language Processing was organized on 8th April for the final year students of MSc Computer Science, BCA, and BSc Computer Science to enhance their knowledge of emerging technologies in Artificial Intelligence and language computing. The session was delivered by an expert resource person who explained the fundamental concepts, techniques, and practical applications of NLP, including text processing, sentiment analysis, machine translation, speech recognition, chatbots, and information retrieval systems. The speaker also highlighted the importance of NLP in various sectors such as healthcare, education, social media, and business analytics. Through interactive discussions and demonstrations, students gained valuable insights into how computers understand and process human language. The lecture was highly informative and beneficial for the students, inspiring them to explore further learning and research opportunities in the field of NLP.

Example

- Match a Filename Ending with .jpg, .png, or .gif

```
import re

pattern = r'^[a-zA-Z0-9_-]+\.(jpg|png|gif)$'
filename = "file123.jpg"

if re.match(pattern, filename):
    print("Valid image filename")
else:
    print("Invalid filename")
```

