



FATIMA COLLEGE

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Affiliated to Madurai Kamaraj University
Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai - 625018, Tamil Nadu

NATIONAL SEMINAR REPORT

NAME OF THE DEPARTMENT	: COMPUTER APPLICATIONS (BCA)
NAME OF THE ACTIVITY	: National Seminar
NAME OF THE RESOURCE PERSON	: Ms. U. ABIRAMI Software Trainer, Livewire Corporate, Chennai. Mr. M. SAMUEL Regional Manager, Ebix Smartclass Educational Services Pvt Ltd, Uttar Pradesh.
NO. OF STUDENTS PARTICIPATED	: 125
THEME	: Artificial Intelligence: Decoding the Future
DATE	: 16.12.2023

INVITATION:



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National Seminar
on
**ARTIFICIAL INTELLIGENCE:
DECODING THE FUTURE**
Organised by
DEPARTMENT OF IT AND BCA



Ms. U. ABIRAMI
Software Trainer,
Livewire Corporate,
Chennai.



Mr. M. SAMUEL
Regional Manager,
Ebix Smartclass Educational
Services Pvt Ltd,
Uttar Pradesh.

Date: 16.12.2023 | Venue : Jubilee Hall

PROGRAMME

9.30 AM - 10.00 AM - INAUGURATION

10.00 AM - 11.30 AM - SESSION I
AI APPLICATION IN PYTHON
Ms. U. ABIRAMI
Software Trainer,
Livewire Corporate,
Chennai.

11.30 AM - 12.00 PM - BREAK

12.00 PM - 1.30 PM - SESSION II
AI TOOLS
Mr. M. SAMUEL
Regional Manager,
Ebix Smartclass Educational
Services Pvt Ltd,
Uttar Pradesh.

1.30 PM - 2.00 PM - VALEDICTION



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AGENDA:

1. Inauguration
2. Session I – AI Application in Python
3. Session II – AI Tools
4. Valediction

REPORT:

Department of Information Technology and Computer Applications organized a National Seminar on 16.12.2023 entitled “**Artificial Intelligence: Decoding the Future**”.

Session I – AI APPLICATIONS IN PYTHON

Ms. U. Abirami began the session by introducing the basics of AI and its applications. She explained how Python has become a popular language for AI development due to its simplicity, flexibility, and extensive libraries.

The resource person then delved into the various AI applications in Python, including:

- **Machine Learning:** She explained the concepts of supervised, unsupervised, and reinforcement learning, and demonstrated how to implement them using Python libraries like Scikit-learn and TensorFlow.
- **Deep Learning:** Ms. [Insert Name] introduced the concepts of neural networks, convolutional neural networks (CNNs), and recurrent neural networks (RNNs). She demonstrated how to implement them using Python libraries like Keras and TensorFlow.
- **Natural Language Processing (NLP):** She explained the concepts of text processing, sentiment analysis, and language translation, and demonstrated how to implement them using Python libraries like NLTK and spaCy.

Ms. U. Abirami also shared her experiences and insights from the industry, highlighting the applications of AI in various sectors like healthcare, finance, and education.

The guest lecture on "**AI Applications in Python**" was highly informative and engaging. **Ms. U. Abirami** provided valuable insights into the applications of AI in Python and



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its relevance in the industry. The lecture was well-received by the students and faculty members, and it inspired many to explore the field of AI and machine learning.

Session II – AI TOOLS

Mr. M. Samuel began the session by introducing the basics of AI and its applications. He explained how AI tools are revolutionizing various industries and transforming the way businesses operate.

The resource person then discussed the following AI tools:

- **Machine Learning Frameworks:** TensorFlow, PyTorch, and Keras
- **Deep Learning Frameworks:** Caffe, Theano, and Microsoft Cognitive Toolkit (CNTK)
- **Natural Language Processing (NLP) Tools:** NLTK, spaCy, and Stanford CoreNLP
- **Computer Vision Tools:** OpenCV, Pillow, and Scikit-image
- **Robotics and Automation Tools:** ROS, PyRobot, and Robotics Operating System (ROS)

Mr. M. Samuel also demonstrated how to use these tools to develop AI-powered applications, such as image classification, sentiment analysis, and robotic process automation.



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PHOTOS:



Ms. U. Abirami handling the Session



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Second Session – AI TOOLS

CERTIFICATE SAMPLE:



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BENEFICIARIES LIST:

S.NO.	REGISTER NUMBER	STUDENT NAME
I BCA		
1.	2023BC01	AARTHY JEEVITHA B
2.	2023BC02	ABINAYA R
3.	2023BC03	ADLINE SALETH REYANA P
4.	2023BC04	AKSHAYA M
5.	2023BC05	AKSHIEETHA S
6.	2023BC06	ALBERTINA SHERLIN R
7.	2023BC07	ANEESHA S



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8.	2023BC08	ANGELINA P
9.	2023BC09	ANITHA C
10.	2023BC10	ASHIFA A
11.	2023BC11	ASHVIYA S
12.	2023BC12	ASWINI A
13.	2023BC13	BUJALAKSHMI B V
14.	2023BC14	DHARSHINI G
15.	2023BC15	FREDOLINA ROSELIN S
16.	2023BC16	GANASHREE S
17.	2023BC17	GAYATHRI M
18.	2023BC18	GOKILA S
19.	2023BC19	GOWRI K
20.	2023BC20	HARANI I
21.	2023BC21	HINDUJA K
22.	2023BC22	JEYARANI J
23.	2023BC24	KAVI PRIYA R
24.	2023BC25	MAHALAKSHMI S
25.	2023BC26	MOHANA SANKARI V M S
26.	2023BC27	NEEMATH SHARFAH I
27.	2023BC28	NIVETHA S
28.	2023BC29	ORITHA EZHILARASI J
29.	2023BC30	PRIYADHARSHINI P
30.	2023BC32	RAJARAJESHWARI K S
31.	2023BC33	RAJATHIRUMAGAL M
32.	2023BC34	REEJA JESSY R
33.	2023BC35	REHANA PARVEEN J
34.	2023BC36	SAMYUKTHA S A
35.	2023BC37	SIVASRI A
36.	2023BC38	SUBBULAKSHMI P
37.	2023BC39	SUDHEEKSHA S



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38.	2023BC41	THATCHANAPRIYA A
39.	2023BC42	YUVAHARINI B
40.	2023BC43	DEESHIKA M
41.	2023BC44	NANDHITHA K
II BCA		
42.	2022BC01	AGALYA B K
43.	2022BC02	BELINDA B
44.	2022BC03	BHALA SHIVANI R
45.	2022BC04	BHARATHI R
46.	2022BC05	CECILIA MARY S
47.	2022BC06	DEEPIKA K
48.	2022BC07	DIVYADHARSHINI V M
49.	2022BC08	FAISUL RIFANA A
50.	2022BC09	FELIXYA MERLIN P
51.	2022BC10	HARINI S
52.	2022BC11	HEENA ALI J
53.	2022BC12	HERSHEL RAYEN P
54.	2022BC13	INDHUJA S
55.	2022BC14	JANANE S
56.	2022BC15	JEEVAJOTHI M
57.	2022BC16	KAMATCHI R
58.	2022BC17	KANISH RAHIMA J
59.	2022BC18	KAVIYA R
60.	2022BC19	KRISHNAPRIYA M
61.	2022BC20	LAVANYA N
62.	2022BC21	MAHALAKSHMI B
63.	2022BC22	MARI MOHANA K
64.	2022BC23	MARIA CHRISTINA JEFRIN B
65.	2022BC24	NANDHINI A
66.	2022BC25	PON DIVYA DHARSHINI A



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67.	2022BC26	PRAMIKA N
68.	2022BC27	PRIYANKA S
69.	2022BC29	RUBINA ASVITHA H
70.	2022BC30	SAMEENA BEGUM K
71.	2022BC31	SAMREEN J
72.	2022BC32	SANTHIYA C
73.	2022BC34	SIVADHARSHINI T
74.	2022BC35	SOWMIYA S
75.	2022BC36	SRINITHI K
76.	2022BC37	SUGANTHI M
77.	2022BC38	SUNDARESHWARI M
78.	2022BC39	SWETHA G
79.	2022BC40	THARSHINI PRIYA K S
80.	2022BC41	UDHAYA SRI M
81.	2022BC43	VIVEKA SRILAKSHMI K
82.	2022BC44	PREETHIGA C
83.	2022BC45	HARINI A
84.	2022BC46	DEESHIKA B
III BCA		
85.	2021BC01	AASHNA ROSHINI R
86.	2021BC03	AMALA RENITHA B
87.	2021BC04	ASNA J
88.	2021BC05	CAROLIN MERCY L
89.	2021BC06	DIVYA M
90.	2021BC07	DURGARAJESWARI R
91.	2021BC08	DURGESHWARI S
92.	2021BC09	FAZLINA Z
93.	2021BC11	INDUJA P T
94.	2021BC12	JEYA DHARSHINI J
95.	2021BC13	JEYA PRABA T



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96.	2021BC14	JEYALAKSHMI R
97.	2021BC15	KANIMOZHI S
98.	2021BC16	KARTHIKA P
99.	2021BC17	KARTHIYAYENI N
100.	2021BC18	KAVIPRIYA M
101.	2021BC19	KAVITHA K
102.	2021BC20	MAHA DHARSHINI R
103.	2021BC21	MASANI MALATHI S
104.	2021BC22	MEERA PRIYADHARSHINI S
105.	2021BC23	MIDHUNA S
106.	2021BC24	NAGAMEENA LOKCHINI P
107.	2021BC25	NARMADHADEVI M
108.	2021BC26	NIROSHINI R
109.	2021BC27	PAVITHRA J T
110.	2021BC28	PREETHI R A
111.	2021BC30	SAMYUKTHA J
112.	2021BC31	SHANMUGAPRIYA S
113.	2021BC32	SREENITHI G
114.	2021BC33	SUBATHRA B
115.	2021BC34	SWETHA K
116.	2021BC35	THILLAI INDHU T
117.	2021BC36	VINCILY MOL V
118.	2021BC37	KEERTHI M
119.	2021BC38	LINGA SNEHA M
120.	2021BC40	MATHI S
121.	2021BC41	NIVETHA R
122.	2021BC42	SOWBARNIKA M



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123.	2021BC43	SUTHANTHIRADEVI S
124.	2021BC44	GAYATHIRI M
125.	2021BC45	APARNAA K


HOD Signature

Head of the Department
Department of Computer Applications
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