



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

GUEST LECTURE REPORT

NAME OF THE DEPARTMENT : COMPUTER APPLICATIONS (BCA)

NAME OF THE ACTIVITY : Guest Lecture-Awareness of trends in
Technology

NAME OF THE RESOURCE PERSON : Mr. Saravanan
Developer,
Futurik Technologies, Madurai.

NO. OF STUDENTS PARTICIPATED : 84

DATE : 05.03.2024

INVITATION:


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Department of Computer Applications
Cordially invites you to the
Guest Lecture
on
"Exploring the Frontiers of Cloud Computing "

RESOURCE PERSON
Mr. Saravanan
Developer
Futurik Technologies, Madurai.

DATE: 05.03.2024
TIME: 10.30 a.m. to 11.30 a.m.
VENUE: BCA LAB



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AGENDA:

1. Prayer Song
2. Welcome Address
3. Session on Exploring the Frontiers of Cloud Computing
4. Question Answer Session
5. Vote of Thanks

REPORT:

The objective of this guest lecture was to provide an in-depth understanding of cloud computing, its applications, benefits, challenges, and emerging trends. The Session started with Prayer Song. Ms. S. Meera Priyadharshini of III BCA welcomed the gathering. After the welcome address the session was handed over to the resource person. **Mr. Saravanan, Developer, Futurik Technologies** addressed the students and handled the session on “Exploring the Frontiers of Cloud Computing”. The resource person began by defining cloud computing, its history, and the key characteristics (on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service).

Key Takeaways:

1. **Cloud Service Models:** IaaS (Infrastructure as a Service), PaaS (Platform as a Service), and SaaS (Software as a Service).
2. **Cloud Deployment Models:** Public, Private, Hybrid, and Community Cloud.
3. **Benefits:** Scalability, flexibility, cost-effectiveness, reliability, and security.
4. **Challenges:** Data security, compliance, vendor lock-in, and network dependency.

Emerging Trends:

The lecturer highlighted:

1. **Serverless Computing:** Event-driven computing with AWS Lambda, Google Cloud Functions.
2. **Edge Computing:** Real-time processing with IoT, 5G.
3. **Cloud-Native Applications:** Microservices, containerization (Docker, Kubernetes).



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4. Artificial Intelligence/Machine Learning: Cloud-based AI/ML services (AWS SageMaker, Google Cloud AI Platform).

Interactive Session:

The lecture included:

- **Live Demo:** Hands-on experience with AWS/Azure/Google Cloud Console.
- **Q&A:** Students asked questions on cloud migration, security, and cost optimization.
- **Group Discussion:** Participants explored cloud computing's potential in various industries.

The guest lecture sparked enthusiasm among students, inspiring them to explore cloud computing's possibilities. **Ms. J. Heena Ali** of II BCA delivered the Vote of Thanks.

PHOTOS:



Resource Person handling the session



Students listening to the session



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Live Demo Session

BENEFICIARIES LIST:

S.NO.	REGISTER NUMBER	STUDENT NAME
1	2021BC01	AASHNA ROSHINI R
2	2021BC03	AMALA RENITHA B
3	2021BC04	ASNA J
4	2021BC05	CAROLIN MERCY L
5	2021BC06	DIVYA M
6	2021BC07	DURGARAJESWARI R
7	2021BC08	DURGESHWARI S
8	2021BC09	FAZLINA Z
9	2021BC11	INDUJA P T
10	2021BC12	JEYA DHARSHINI J
11	2021BC13	JEYA PRABA T
12	2021BC14	JEYALAKSHMI R
13	2021BC15	KANIMOZHI S
14	2021BC16	KARTHIKA P
15	2021BC17	KARTHIYAYENI N
16	2021BC18	KAVIPRIYA M



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17	2021BC19	KAVITHA K
18	2021BC20	MAHA DHARSHINI R
19	2021BC21	MASANI MALATHI S
20	2021BC22	MEERA PRIYADHARSHINI S
21	2021BC23	MIDHUNA S
22	2021BC24	NAGAMEENA LOKCHINI P
23	2021BC25	NARMADHADEVI M
24	2021BC26	NIROSHINI R
25	2021BC27	PAVITHRA J T
26	2021BC28	PREETHI R A
27	2021BC30	SAMYUKTHA J
28	2021BC31	SHANMUGAPRIYA S
29	2021BC32	SREENITHI G
30	2021BC33	SUBATHRA B
31	2021BC34	SWETHA K
32	2021BC35	THILLAI INDHU T
33	2021BC36	VINCILY MOL V
34	2021BC37	KEERTHI M
35	2021BC38	LINGA SNEHA M
36	2021BC40	MATHI S
37	2021BC41	NIVETHA R
38	2021BC42	SOWBARNIKA M
39	2021BC43	SUTHANTHIRADEVI S
40	2021BC44	GAYATHIRI M
41	2021BC45	APARNAA K
42	2022BC01	AGALYA B K
43	2022BC02	BELINDA B
44	2022BC03	BHALA SHIVANI R
45	2022BC04	BHARATHI R
46	2022BC05	CECILIA MARY S



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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



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63	2022BC22	MARI MOHANA K
64	2022BC23	MARIA CHRISTINA JEFRIN B
65	2022BC24	NANDHINI A
66	2022BC25	PON DIVYA DHARSHINI A
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



HOD Signature

Head of the Department
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