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# FACULTY OF ENGINEERING DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## GUEST LECTURE on UNITY 3D EDUCATION

Date:08/02/2019

**Time:**11.00 am– 1.00 pm

Venue: Block-II mini seminar hall, Faculty of Engineering, Christ (Deemed to be

University), Kengeri campus

Speaker/s:

Name: Mr. Sharath Chandra Aithal

Organization and Place: Field Engineer at Unity Technologies

Bengaluru, Karnataka

**Target Audience (Students):**4<sup>th</sup> and 6<sup>th</sup> semester students

**Faculty Members:** 

1. Dr. O.S Gnana Prakasi

2. Mr.Gurudas V R

**Total Students' Present:**112

#### **OBJECTIVE:**

The objective of this program is to encourage and explore the employability of engineering students in the field of gaming industry.

To know the usage of machine learning and artificial intelligence in gaming industry.

## **POSSIBLE LEARNING OUTCOMES:**

By this the students gained the basic knowledge about the Unity 3D ecosystem and the application of the Unity 3D technologies in various game development industry.

Students could also able to understand the application of machine learning and artificial intelligence in gaming industry.



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## **SESSION:**

The student community of Computer Science and Engineering Department – ASCII, conducted a Guest Lecture on UNITY 3D by Mr.Sharath Chandra Aithal, Field Engineer, Unity 3D on 08/02/19 from 11.00AM to 1.00PM. The session started off with a brief introduction on Unity game engine by the speaker, who is currently field engineer in Unity.

He is one of the latest member of the Unity India team has been using Unity 3D for over 10 years spanning from Gaming to the Non-Gaming segments of the industry. Also SharatchandraAithal is talented in Video Games, Research, Game Programming and other talents. Previously as an entrepreneur, sharatchandra has delivered a multitude of projects in the XR space



He had discussed about the Unity ecosystem and the layers. He had also given us a list of opportunities and different work areas provided by the company in the field of AR and VR development due to its high compatibility.

The three main principles that the company tries to implement are:

- Democratize development
- Solve hard problems
- Enable success



He had also shown videos how machine learning and Artificial Intelligence encourages the game developers to create a more realistic control on games. Some of the key features of Unity 3D that had been discussed by him were Unity life Tune which is compatible with Android and iOS.

He also discussed how Unity is used to:

- Create
- Integrate
- Assemble
- Build applications / games



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## CONSOLIDATED FEEDBACK ANALYSIS:

| Sl No | Faculty Name         | Signature / Remarks |
|-------|----------------------|---------------------|
| 1.    | Dr.O.S Gnana Prakasi |                     |
| 2.    | Gurudas V R          |                     |
| 3.    | Kanmani P            |                     |
| 4.    | Sathish P K          |                     |
| 5.    | Vandana Reddy        |                     |
| 6.    | Dr Raghavendra S     |                     |



| Sl No | Student | Student Name                | Signature |
|-------|---------|-----------------------------|-----------|
|       | Reg No  |                             |           |
| 1.    | 1660309 | AKKU TOM                    |           |
| 2.    | 1660312 | AMAN AHMED                  |           |
| 3.    | 1660313 | AMITH SANKAR SUNIL          |           |
| 4.    | 1660314 | ANDREW ANIL<br>HANSDAK      |           |
| 5.    | 1660327 | DENNIS J KURUVILLA          |           |
| 6.    | 1660331 | DOSHI HARSHIT<br>PARESHBHAI |           |
| 7.    | 1660332 | DWAYNE FRANCIS<br>D'COSTA   |           |
| 8.    | 1660336 | HIRANI DANISH KARIM         |           |
| 9.    | 1660340 | JUAN JOSEPH<br>VADAKKAN     |           |
| 10.   | 1660342 | KANNAN M                    |           |
| 11.   | 1660345 | KORAK BANERJEE              |           |
| 12.   | 1660347 | KUNAL RAJ BHARDWAJ          |           |
| 13.   | 1660396 | AKANKSHA RAJ                |           |
| 14.   | 1660397 | AMBIKA CHUNDRU              |           |
| 15.   | 1660399 | ANNMARY K SEBASTIAN         |           |
| 16.   | 1660400 | APOORVA M G                 |           |
| 17.   | 1660401 | CAZAL TIRKEY                |           |
| 18.   | 1660402 | CHRISTINA VARGHESE          |           |
| 19.   | 1660403 | DAPHINE BABU                |           |
| 20.   | 1660404 | DEEPSHIKA<br>CHANDRASEKAR   |           |
| 21.   | 1660406 | HANNA SUSAN<br>ABRAHAM      |           |
| 22.   | 1660409 | MARINA ABRAHAM              |           |



| 23. |         |                                    |  |
|-----|---------|------------------------------------|--|
|     | 1660410 | MONISHA.R                          |  |
| 24. | 1660429 | JEFFANIEL AASHISH A                |  |
| 25. | 1660430 | ATUL SHRIKANTH RAO                 |  |
| 26. | 1660353 | NAMAN KUMAR                        |  |
| 27. | 1660354 | NIHAL KUMAR BAISHYA                |  |
| 28. | 1660355 | NIJON JOMI K                       |  |
| 29. | 1660356 | NIRUPAM SHARMA                     |  |
| 30. | 1660360 | PRAGADEESH M                       |  |
| 31. | 1660361 | R ANKITH                           |  |
| 32. | 1660362 | R MITHILESH KUMAR                  |  |
| 33. | 1660372 | SAMDEN LEPCHA                      |  |
| 34. | 1660381 | SHIVAM KHATTRI                     |  |
| 35. | 1660383 | SREYAN GHOSH                       |  |
| 36. | 1660417 | SIVA PRIYA<br>RANGANATHA           |  |
| 37. | 1660418 | SIVA SANKARI R                     |  |
| 38. | 1660419 | STUTI BAJPAI                       |  |
| 39. | 1660421 | RAKSHITHA B S                      |  |
| 40. | 1660427 | KAMISETTY VENKATA<br>HEMANTH KUMAR |  |
| 41. | 1660435 | STEPHEN JAMEEMA JYOTHIRMAYEE       |  |
| 42. | 1660440 | CYNTHIA BASILIA                    |  |
| 43. | 1660501 | IYER VEDANT VENKATRAMAN            |  |
| 44. | 1660502 | ROHIT JOHN PHILIPS                 |  |
| 45. |         | JOSHUA DOMINIC                     |  |
| 46. | 1661006 | DEXTER                             |  |
| 47. | 1661012 | VIVINMETH L V                      |  |
|     | 1661013 | ZACHARIAH C F ANTONY               |  |



| 48. | 1661016 | RASHMI SHREE V     |  |
|-----|---------|--------------------|--|
| 49. | 1661024 | SAKEENA            |  |
| 50. | 1661026 | SHEETAL SAJU       |  |
| 51. | 1661027 | RAYED MOIDU        |  |
| 52. | 1661030 | ARIB NAWAZ KHAN    |  |
| 53. |         |                    |  |
| 54. | 1661031 | HARINI H           |  |
| 55. | 1661034 | ASHIN SAJI CHACKO  |  |
| 56. | 1661035 | ANJALI PRAJAPATI   |  |
|     | 1661036 | SHRUTHI S          |  |
| 57. | 1661037 | AISHWARYASRI K     |  |
| 58. | 1661038 | DEVARSHI           |  |
| 59. | 1661039 | SHUVAM MONDAL      |  |
| 60. | 1661040 | RISHI RAJ          |  |
| 61. | 1661041 | ASHISH ANAND       |  |
| 62. | 1661048 | MOHIT NAROUNE      |  |
| 63. | 1661050 | AMAN AGASTHYA      |  |
| 64. | 1661051 | NITYA              |  |
| 65. | 1661053 | PANCHAMI M         |  |
| 66. |         | DAKSH ANGARAJ      |  |
| 67. | 1660432 | GAUTAM             |  |
| 68. | 1660434 | JOSHUA MAMMEN JIJI |  |
| 69. | 1660438 | PAVAN KUMAR P      |  |
|     | 1660445 | PRACHI SETHI       |  |
| 70. | 1660446 | YUVARAJ A          |  |
| 71. | 1660448 | ARADHANA PRATAP    |  |
| 72. | 1660449 | JIVAL JENSON       |  |
| 73. | 1660451 | REEMA ANN RENY     |  |
|     |         |                    |  |



|          | _       |                                       |
|----------|---------|---------------------------------------|
| 74.      | 1660452 | JASMINE E J                           |
| 75.      | 1660453 | MALAVIKA REDDY K                      |
| 76.      | 1660457 | AASHISH S SIDDARTH                    |
| 77.      | 1660459 | BHAVANASI MANJARI                     |
| 78.      | 1660465 | DANIA JAISON                          |
| 79.      | 1660467 | RAKSHITH S                            |
| 80.      | 1660470 | RIVYA ANN TONY                        |
| 81.      | 1660471 | APARNA SHARMA                         |
| 82.      | 1000471 | MARIYA BOSY                           |
|          | 1660472 | KONDODY                               |
| 83.      | 1660473 | HARSHITA KATOCH                       |
| 84.      | 1660474 | APARNA PRAKASH                        |
| 85.      | 1660475 | NIKHITA DASS                          |
| 86.      | 1660477 | NAYAN RAJ                             |
| 87.      | 1660478 | SHANKAR GANAPATHY<br>M                |
| 88.      | 1660480 | RUDRIN BASU                           |
| 89.      |         | S SUDHEER KUMAR                       |
| 0.0      | 1660488 | REDDY                                 |
| 90.      | 1660490 | CHANDU KISHAN<br>MALISETTI            |
| 91.      | 1660492 | MADHUMITHA A                          |
| 92.      | 1660493 | AMAR KUMAR                            |
| 93.      | 1660495 | KISHAN GOPAL SONI                     |
| 94.      | 1660496 | RUPAM NARSARIA                        |
| 95.      | 1660497 | ROHIT M                               |
| 96.      | 1660505 | ANISH SHARMA                          |
| 97.      | 1760500 | JENNIFER GRACIAS                      |
| 98.      | 1760330 | JOYAL                                 |
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| 99.  | 1760380 | ALFIYA KC          |  |
|------|---------|--------------------|--|
| 100. | 1760340 | SAMARA SIMHA REDDY |  |
| 101. | 1760325 | JATHIN SAI         |  |
| 102. | 1760316 | CHERUKURU VAMSI    |  |
| 103. | 1760374 | VRINDAR KHANWALKAR |  |
| 104. | 1760357 | RAM SHANKAR        |  |
| 105. | 1760355 | RAGHAV LALVANI     |  |
| 106. | 1760481 | SAKET KUMAR        |  |
| 107. | 1761024 | AYUSH KUMAR        |  |
| 108. | 1760474 | ALLAM VINEETH      |  |
| 109. | 1760411 | VINUTHANA          |  |
| 110. | 1760428 | AYAAN BAIG         |  |
| 111. | 1760458 | SIDDARTH BHURA     |  |
| 112. | 1760432 | SALMAN MASOOD      |  |

**Head of the Department**