

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi

Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion: 2.3.2



Academic Year: 2024-2025

2.3.2 Teachers use ICT Tools to enable Teaching and Learning Process

a. Class room with Blackboard and ICT Tools (LCD screen, Projector, Wi-Fi and Audio system)

SL. NO	Department	Name of classrooms / Seminar Hall	Room No.	ICT facility	Link to geo tagged photos and master time table
1	Robotics and Automation	CLASS ROOM	102	Projector with screen, Wi-Fi and internet connection	
2	Robotics and Automation	CLASS ROOM	103	Projector with screen, Wi-Fi and internet connection	
3	Robotics and Automation	CLASS ROOM	104	Projector with screen, Wi-Fi and internet connection	

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4	Robotics and Automation	CLASS ROOM	105	Projector with screen, Two Speaker, LAN hub, Wi-Fi .Air condition, Computer system.	<p style="font-size: small;">R&A LH 105 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering Digital Zone, Rajarajeswari College Of Engineering Lat 12.886823° Long 77.450174° 10/07/25 12:25 PM GMT +05:30</p>
5	Robotics and Automation	SEMINAR HALL	107	Projector with screen, Two Speaker, LAN hub, Wi-Fi , Air condition, Computer system.	<p style="font-size: small;">R&A Seminar Hall Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, 5, Mysore Rd, Kumbalgiode Lat 12.886892° Long 77.450222° 10/07/25 12:28 PM GMT +05:30</p>
6	Computer Science and Design	CLASS ROOM	108	Projector with screen, Wi-Fi and internet connection	<p style="font-size: small;">CSD LH 108 Bengaluru, Karnataka, India Ramohalli Cross Lat 12.886742° Long 77.450219° 10/07/25 12:30 PM GMT +05:30</p>
7	Computer Science and Design	CLASS ROOM	109	Projector with screen, Wi-Fi and internet connection	<p style="font-size: small;">CSD LH 109 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, 5, Mysore Rd, Kumbalgiode Lat 12.886714° Long 77.450228° 10/07/25 12:31 PM GMT +05:30</p>

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8	IOT	CLASS ROOM	110	Wi-Fi	
9	IOT	CLASS ROOM	111	Wi-Fi	
10	Electrical and Electronics Engineering	CLASS ROOM	119	Projector with screen, Wi-Fi and internet connection	
11	Electrical and Electronics Engineering	CLASS ROOM	120	Projector with screen, Wi-Fi and internet connection	
12	Electrical and Electronics Engineering	CLASS ROOM	121	Wi-Fi	

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13	Electrical and Electronics Engineering	SEMINAR HALL	122	Projector with screen, Two Speaker, LAN hub, Wi-Fi, Air condition.	
14	Information Science and Engineering	CLASS ROOM	202	Projector with screen, Wi-Fi and internet connection.	
15	Information Science and Engineering	SMART CLASS ROOM	203	Projector with screen, Wi-Fi and internet connection.	
16	Information Science and Engineering	CLASS ROOM	204	Projector with screen, Wi-Fi and internet connection.	
17	Artificial Intelligence & Machine Learning	CLASS ROOM	217	Projector with screen, Wi-Fi and internet connection.	

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18	Artificial Intelligence & Machine Learning	CLASS ROOM	218	Projector with screen, Wi-Fi and internet connection.	<p style="font-size: small;">Bengaluru, Karnataka, India AI & ML Classroom 218, Rajarajeswari College Of Engineering & Technology, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.885140, Long 77.447158 18/07/2025 11:37 AM GMT +05:30</p>
19	Artificial Intelligence & Machine Learning	CLASS ROOM	219	Projector with screen, Wi-Fi and internet connection.	<p style="font-size: small;">Bengaluru, Karnataka, India AI & ML Classroom 219, Rajarajeswari College Of Engineering, S. Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.885398, Long 77.438802 18/07/2025 10:57 AM GMT +05:30</p>
20	Science and Humanities	CLASS ROOM	220	Wi-Fi and internet connection	<p style="font-size: small;">LH-220 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, S. Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.885398, Long 77.449995 18/07/2025 11:37 AM GMT +05:30</p>
21	Science and Humanities	CLASS ROOM	302	Wi-Fi and internet connection	<p style="font-size: small;">LH-302 Bengaluru, Karnataka, India Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.885140, Long 77.447158 07/11/2025 01:08 PM GMT+05:30 Note: Captured by GPS Map Camera 18</p>





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22	Science and Humanities	CLASS ROOM	303	Wi-Fi and internet connection	
23	Science and Humanities	CLASS ROOM	304	Wi-Fi and internet connection	
24	Science and Humanities	CLASS ROOM	305	Wi-Fi and internet connection	
25	Science and Humanities	CLASS ROOM	314	Wi-Fi and internet connection	

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26	Science and Humanities	CLASS ROOM	315	Wi-Fi and internet connection	
27	Science and Humanities	CLASS ROOM	316	Wi-Fi and internet connection	
28	Science and Humanities	CLASS ROOM	317	Wi-Fi and internet connection	
29	Electronics and Communication Engineering	SMART CLASS ROOM	402	Projector with Smart Board , Wi-Fi and internet connection and Two AC.	

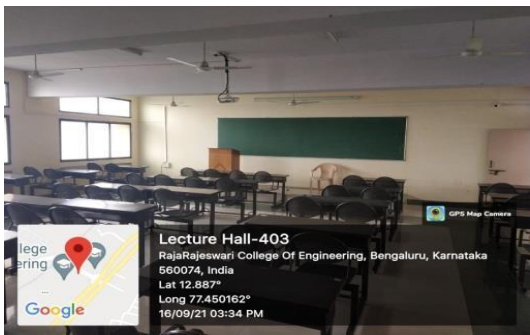



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30	Electronics and Communication Engineering	CLASS ROOM	403	Projector with screen, Wi-Fi and internet connection.	 <p>Lecture Hall-403 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 16/09/21 03:34 PM</p>
31	Electronics and Communication Engineering	CLASS ROOM	404	Projector with screen, Wi-Fi and internet connection.	 <p>Lecture Hall-404 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 16/09/21 03:32 PM</p>
32	Electronics and Communication Engineering	CLASS ROOM	405	Projector with screen, Wi-Fi and internet connection	 <p>Lecture Hall-405 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 16/09/21 03:29 PM</p>
33	Electronics and Communication Engineering	SEMINAR HALL	407	Projector with screen, Two Speaker, Wi-Fi and Two ACs.	 <p>ECE Seminar Hall - 407 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887008° Long 77.450162° 22/09/21 02:59 PM</p>


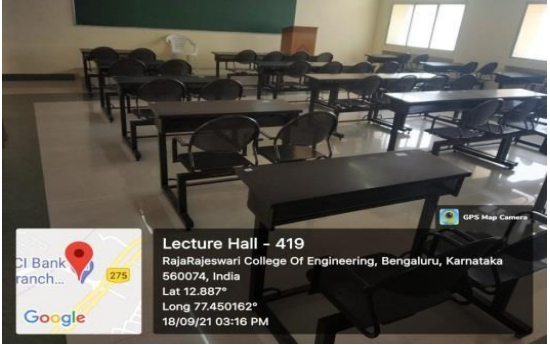


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34	Electronics and Communication Engineering	CLASS ROOM	419	Projector with screen, Wi-Fi and internet connection.	 <p>Lecture Hall -409 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 18/09/21 03:07 PM</p>
35	Electronics and Communication Engineering	CLASS ROOM	420	Projector with screen, Wi-Fi and internet connection.	 <p>Lecture Hall - 419 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 18/09/21 03:16 PM</p>
36	Electronics and Communication Engineering	CLASS ROOM	421	Projector with screen, Wi-Fi and internet connection	 <p>Lecture Hall - 420 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 18/09/21 03:12 PM</p>
37	Electronics and Communication Engineering	CLASS ROOM	422	Projector with screen, Wi-Fi and internet connection.	 <p>Lecture Hall -421 RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.887° Long 77.450162° 16/09/21 03:50 PM</p>


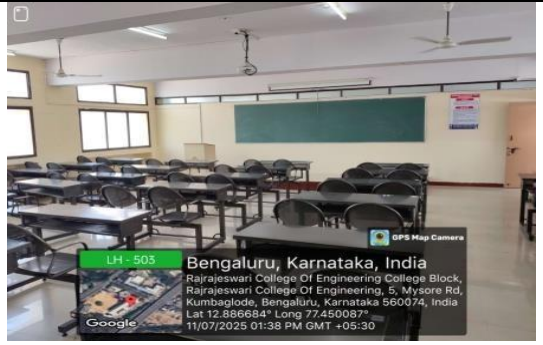
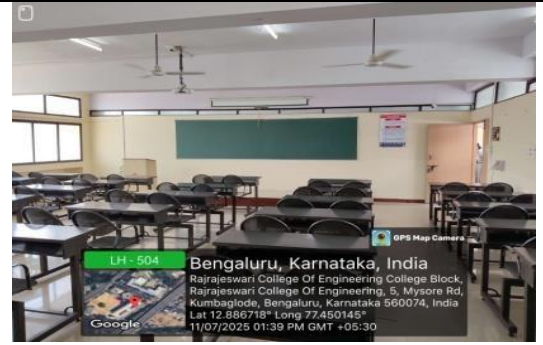

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38	Computer Science and Engineering	CLASS ROOM	502	Projector with screen, Wi-Fi and internet connection	
39	Computer Science and Engineering	CLASS ROOM	503	Projector with screen, Wi-Fi and internet connection	
40	Computer Science and Engineering	CLASS ROOM	504	Projector with screen, Wi-Fi and internet connection	
41	Computer Science and Engineering	CLASS ROOM	505	Projector with screen, Wi-Fi and internet connection	

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42	Computer Science and Engineering	SEMINAR HALL	507	Projector with screen, Two Speaker, LAN hub, Wi-Fi and Two AC.	<p style="font-size: small;">CSE Seminar Hall - 507 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, 5, Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.886672° Long 77.450103° 11/07/2025 01:44 PM GMT +05:30</p>
43	Computer Science and Engineering	CLASS ROOM	509	Wi-Fi	<p style="font-size: small;">LH- 509 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, 5, Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.886685° Long 77.450147° 11/07/2025 01:49 PM GMT +05:30</p>
44	Computer Science and Engineering	CLASS ROOM	510	Wi-Fi	<p style="font-size: small;">LH- 510 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, 5, Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.886686° Long 77.450121° 11/07/2025 01:52 PM GMT +05:30</p>
45	Computer Science and Engineering	CLASS ROOM NO.519	519	Projector with screen, Wi-Fi and internet connection	<p style="font-size: small;">LH- 519 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.886252° Long 77.449544° 11/07/2025 01:30 PM GMT +05:30</p>

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46	Computer Science and Engineering	CLASS ROOM	520	Projector with screen, Wi-Fi and internet connection	
47	Computer Science and Engineering	CLASS ROOM	521	Projector with screen, Wi-Fi and internet connection	
48	Computer Science and Engineering	SMART CLASS ROOM	522	Projector with Smart Board, Wi-Fi and internet connection and Two AC	
49	MCA	CLASS ROOM	602	Projector with screen, Wi-Fi and internet connection	

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50	MCA	CLASS ROOM	603	Projector with screen, Wi-Fi and internet connection	<p style="font-size: small;">LH-603 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering Digital Zone, Rajarajeswari College Of Engineering, Bengaluru, Karnataka 560074, India Lat 12.88681° Long 77.450058° 22/07/2025 02:33 PM GMT +05:30</p>
51	MCA	CLASS ROOM	604	Projector with screen, Wi-Fi and internet connection	<p style="font-size: small;">LH-604 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, S. Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.886733° Long 77.450135° 22/07/2025 02:32 PM GMT +05:30</p>
52	MCA	CLASS ROOM	605	Projector with screen, Wi-Fi and internet connection	<p style="font-size: small;">LH-605 Bengaluru, Karnataka, India Rajarajeswari College Of Engineering College Block, Rajarajeswari College Of Engineering, S. Mysore Rd, Kumbalagode, Bengaluru, Karnataka 560074, India Lat 12.886771° Long 77.449973° 22/07/2025 02:31 PM GMT +05:30</p>
53	MBA/MCA	SEMINAR HALL	608	Projector with screen, Two Speaker, LAN hub, Wi-Fi, Air condition	<p style="font-size: small;">MCA SEMINAR-HALL 608 Bengaluru, Karnataka, India Ramohalli Cross, Bengaluru, Karnataka, India Lat 12.886657° Long 77.450428° 22/07/2025 02:41 PM GMT +05:30</p>

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54	Civil Engineering	CLASS ROOM	609	Projector with screen, Two Speaker, LAN hub, Wi-Fi , Air condition	
55	Civil Engineering	CLASS ROOM	610	Projector with screen, Two Speaker, LAN hub, Wi-Fi , Air condition	
56	MBA	CLASS ROOM	620	Projector with screen, Wi-Fi and internet connection	
57	MBA	CLASS ROOM	621	Projector with screen, and Wi-Fi and internet connection	

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58	MBA	CLASS ROOM	622	Projector with screen, and Wi-Fi and internet connection	<p style="font-size: small;">Bengaluru, Karnataka, India Rajarajeshwari College of Engineering, Bengaluru, Karnataka, India Lat 12.886447, Long 77.449627 07/04/2025 12:16 PM GMT+05:30 Note: Captured by GPS Map Camera</p>
59	MBA	CLASS ROOM	623	Projector with screen, and Wi-Fi and internet connection	<p style="font-size: small;">Bengaluru, Karnataka, India Rajarajeshwari College of Engineering, Bengaluru, Karnataka, India Lat 12.886447, Long 77.449627 07/04/2025 12:15 PM GMT+05:30 Note: Captured by GPS Map Camera</p>
60	MBA	CLASS ROOM	624	Projector with screen, and Wi-Fi and internet connection	<p style="font-size: small;">Bengaluru, Karnataka, India Kumbalagodu, Bengaluru, Karnataka 560074, India Lat 12.886448, Long 77.449594 07/04/2025 12:08 PM GMT+05:30 Note: Captured by GPS Map Camera</p>
61	MBA	SEMINAR HALL	625	Projector with screen, and Wi-Fi and internet connection	<p style="font-size: small;">Bengaluru, Karnataka, India Rajarajeshwari College of Engineering, Bengaluru, Karnataka, India Lat 12.886447, Long 77.449627 07/04/2025 12:20 PM GMT+05:30 Note: Captured by GPS Map Camera</p>



b. ICT based Teaching:

1. YouTube Video Prepared by Faculty Members

Name of the Course: Signals and Systems

Name of Staff: Haritha.K.Sivaraman

Web link : [Signals & Systems Problems on CTFS 1 - YouTube](#)

Name of the Course : Basic Electronics

Name of Staff: Dr. Sumitha Manoj

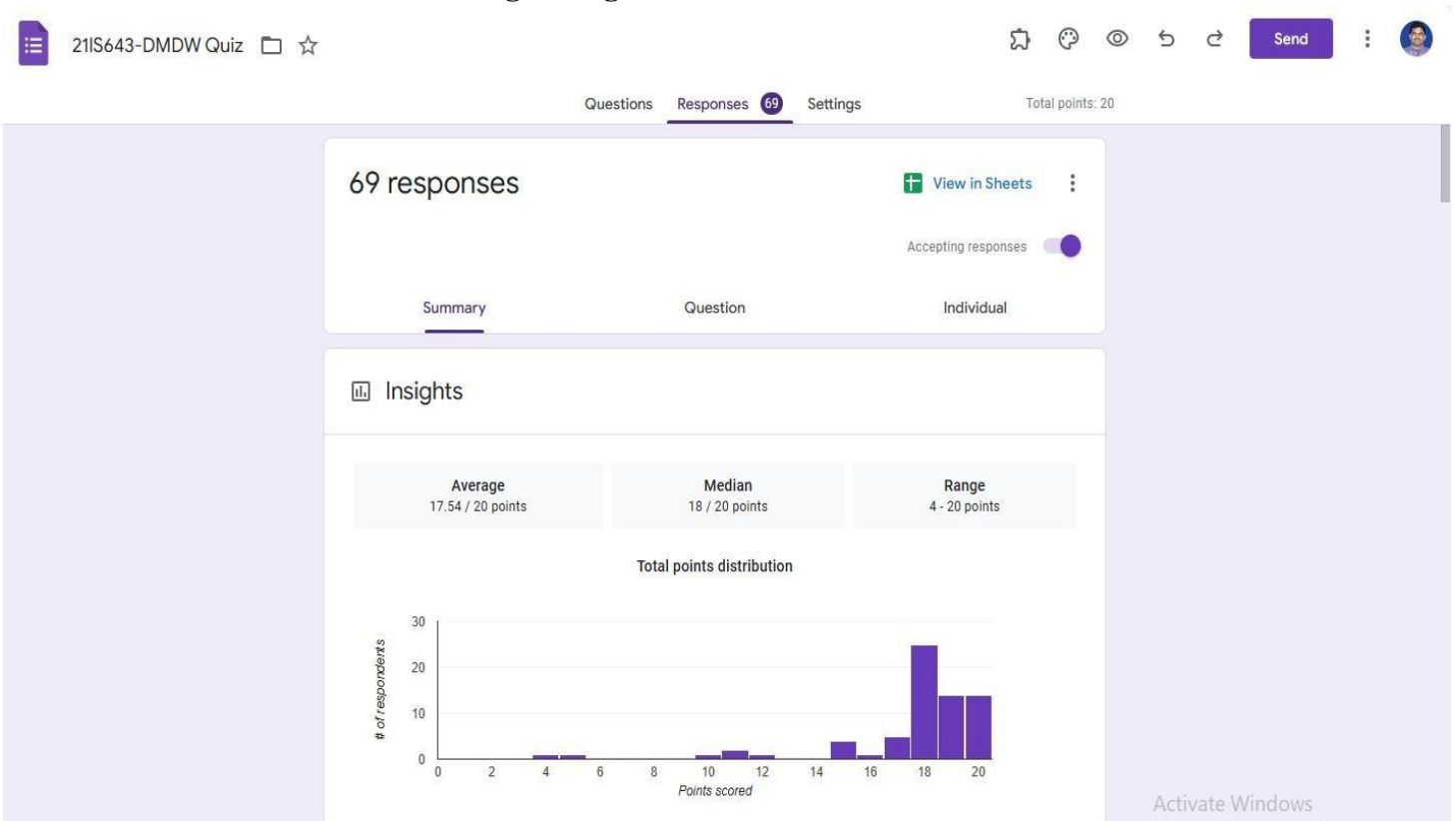
Web link : https://www.youtube.com/results?search_query=sumitha+manoj+basic+electronics

Name of the Course: Control Systems

Name of Staff: Dr. Sumitha Manoj

Web link : https://www.youtube.com/results?search_query=sumitha+manoj+control+system

2. Quiz and polls are conducted while taking the class to have an interactive environment among the students and teachers through Google forms / sheets:





3. Power point Presentation:

<p>Module 3 : Mining Association Rules</p> <hr/> <p>Prepared by: Mr.Dineshkumar M Assistant professor, Dept.of ISE, RRCE, Bengaluru.</p>	<p>Road map</p> <ul style="list-style-type: none">■ Basic concepts■ Apriori algorithm■ Different data formats for mining■ Mining with multiple minimum supports■ Mining class association rules■ Summary
<p>Association rule mining</p> <ul style="list-style-type: none">■ Proposed by Agrawal et al in 1993.■ It is an important data mining model studied extensively by the database and data mining community.■ Assume all data are categorical.■ No good algorithm for numeric data.■ Initially used for Market Basket Analysis to find how items purchased by customers are related. <p>Bread → Milk [sup = 5%, conf = 100%]</p>	<p>The model: data</p> <ul style="list-style-type: none">■ $I = \{i_1, i_2, \dots, i_m\}$: a set of <i>items</i>.■ Transaction t :<ul style="list-style-type: none">□ t a set of items, and $t \subseteq I$.■ Transaction Database T: a set of transactions $T = \{t_1, t_2, \dots, t_n\}$.



Transaction data: supermarket data

- Market basket transactions:
 - t1: {bread, cheese, milk}
 - t2: {apple, eggs, salt, yogurt}
 - ...
 - tn: {biscuit, eggs, milk}
- Concepts:
 - *An item*: an item/article in a basket
 - *I*: the set of all items sold in the store
 - *A transaction*: items purchased in a basket; it may have TID (transaction ID)
 - *A transactional dataset*: A set of transactions

Transaction data: a set of documents

- **A text document data set. Each document is treated as a “bag” of keywords**
 - doc1: Student, Teach, School
 - doc2: Student, School
 - doc3: Teach, School, City, Game
 - doc4: Baseball, Basketball
 - doc5: Basketball, Player, Spectator
 - doc6: Baseball, Coach, Game, Team
 - doc7: Basketball, Team, City, Game