

Name of the Event	Expert Lecture
Date	07-04-2026
Beneficiary	VI Semester Students
Faculty Coordinators	Dr. P. Sudhakiran, Mr. Omkar Kanetkar
Write up	<p>Department of Electronics and Communication Engineering organised an expert lecture on “Exploring Open-Source Technologies in 5G, and Artificial Intelligence” on April 7, 2026. The session was delivered by Mr. Nitin Jain, Independent Wireless Signal Processing Consultant.</p> <p>The expert talk aimed to provide valuable insights into the growing importance of open-source technologies in the development and deployment of 5G Networks and Artificial Intelligence (AI) Systems, and their transformative impact on modern communication and computing domains.</p> <p>Key Highlights of the Lecture:</p> <p>Mr. Nitin Jain elaborated on the role of open-source platforms in advancing 5G and AI technologies, emphasising the following key areas:</p> <ol style="list-style-type: none"> 1. Open Source in 5G Development: Open-source frameworks such as OpenAirInterface and srsRAN are enabling researchers and developers to build, test, and deploy 5G networks with greater flexibility and reduced costs. 2. AI Integration with 5G Networks: Artificial Intelligence and Machine Learning techniques are being integrated into 5G systems for intelligent resource allocation, network optimisation, traffic prediction, and enhanced Quality of Service (QoS). 3. Popular Open-Source AI Tools: Tools such as TensorFlow, PyTorch, and ONNX are widely used

for developing AI models that support applications in communication systems, including signal processing and network analytics.

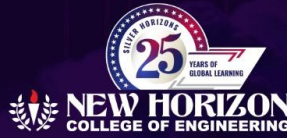
4. Software-Defined Networking (SDN) and Network Function Virtualisation (NFV):

Open-source technologies are playing a crucial role in implementing SDN and NFV, which are key enablers of flexible and scalable 5G architectures.

5. Career Opportunities in 5G and AI using Open Source:



- 5G Network Engineer (Open-Source Platforms)
- AI/ML Engineer for Communication Systems
- Wireless Systems Developer
- Network Automation Engineer
- Open-Source Contributor in Telecom and AI Domains

The session was attended by 113 students from the 6th semester, who actively participated in discussions on the future of open-source technologies in 5G and AI. The lecture provided valuable insights into emerging trends, practical tools, and career opportunities in next-generation communication system.



Expert Lecture

Exploring Open Source Technologies in 5G and Artificial Intelligence

-  7th April 2026
-  03:00 PM to 05:00 PM
-  Falconry Seminar Hall
-  6th Semester Students



Mr. Nitin Jain

Independent Wireless Signal Processing Consultant
Freelance Consultant

Course and Code:

25NHOP710 – 5G Communication Systems
22ECE62 – Communication Systems – II

Faculty Coordinators

Dr. P Sudhakiran
Associate Professor - ECE

Mr. Omkar Kanetkar
Assistant Professor - ECE

Ms. Lipsa Dash
Senior Assistant Professor - ECE

Convenor

Dr. Aravinda K
Professor and HoD - ECE

Organised by
Department of Electronics & Communication Engineering







NEW HORIZON COLLEGE OF ENGINEERING



Details of demo setup

Private 5G Network Capability	Highly Configurable & Flexible	Key Specifications
Supports 5G NR on a 4G LTE network Supports 5G NR on a 5G network Supports 5G NR on a 5G network Supports 5G NR on a 5G network	Supports 5G NR on a 4G LTE network Supports 5G NR on a 5G network Supports 5G NR on a 5G network Supports 5G NR on a 5G network	Supports 5G NR on a 4G LTE network Supports 5G NR on a 5G network Supports 5G NR on a 5G network Supports 5G NR on a 5G network





Attendance



NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Topic Name: Exploring Open Source Technologies in 5G and Artificial Intelligence

CLASS LIST

Expert Lecture Attendance Date: 7th April 2026 Time: 03 PM – 05 PM

Sl. No.	USN	NAME OF STUDENT	SIGNATURE
1	INH23EC114	PAYITHRAS P.	<i>Payithras</i>
2	INH23EC064	HARIPRIYA D	<i>Haripriya</i>
3	INH23EC070	I. L. AKSHITHA	<i>Akshitha</i>
4	INH23EC012	Eashanvi	<i>Eashanvi</i>
5	INH23EC086	K. Vinay kumar Raju	<i>K. Vinay kumar Raju</i>
6	INH23EC112	P. Sainthia	<i>P. Sainthia</i>
7	INH23EC023	Ashwini P	<i>Ashwini</i>
8	INH23EC013	Ananya Shiva D	<i>Ananya</i>
9	INH23EC031	Bhoomika SK	<i>Bhoomika</i>
10	INH23EC030	Bhoomika HP	<i>Bhoomika</i>
11	INH23EC081	Kavya. K. N	<i>Kavya</i>
12	INH23EC072	J.B. Bhavya Sri	<i>Bhavya</i>
13	INH23EC066	Hareni Padaha P	<i>Hareni</i>
14	INH23EC069	Impara M	<i>Impara</i>
15	INH23EC068	HARSHITHA CR	<i>Harshitha</i>
16	INH23EC097	Manya M	<i>Manya M</i>
17	INH23EC013	Ashrita. I. K	<i>Ashrita</i>
18	INH23EC115	Poojashree. k	<i>Poojashree</i>
19	INH23EC094	Madhuritha K	<i>Madhura</i>
20	INH23EC095	M. Ramaa Gayatri	<i>Ramaa Gayatri</i>
21	INH23EC002	Aadhya Sharma	<i>Aadhya</i>
22	INH22EC167	Tanushree P	<i>Tanushree</i>
23	INH23FD003	Noron James Oommen	<i>Noron James</i>
24	INH23EC010	AKshata K	<i>Akshata</i>

25	INH23CD145	Sanjay S. Parameswari	S.P.
26	INH23CD154	Shashank Suril Naik	Shank
27	INH23EC019	Aparitha M	Aparitha
28	INH23EC004	Abhishek	Abhishek
29	INH23EC093	M SUDHAS P KAMATH	Sudhas
30	INH23EC001	A.B DEEPESH	A.B
31	INH23EC029	A.L. Bodavaj	Bodavaj
32	INH23EC025	B.L. Shwendra	B.L.
33	INH23CS001	ABSAID DEERAS	Abhishek
34	INH23EC040	Chaman Reddy K	Chaman
35	INH23EC078	Venatesh	Venatesh
36	INH23EC077	VIKTINU	Vik
37	INH23EC081	Kishore	Kishore
38	INH23CD204	P. Rajeshkumar	P. Rajesh
39	INH23CD163	Sudhasathwik	Sudhas
40	INH23CD169	SEEMERUMATHAN K	Seema
41	INH23EC125	R Prathiba Reddy	R Prathiba
42	INH23EC143	Vindhya G	Vindhya
43	INH23EC165	T. Sathvika	T. Sathvika
44	INH23EC129	Rajeev G	Rajeev
45	INH23EC168	Pranitha	Pranitha
46	INH23EC149	Shashank H.M	Shashank
47	INH23EC131	Ponith Kumar G	Ponith
48	INH23EC161	Sudheep	Sudheep
49	INH23EC137	Sogax K.O	Sogax
50	INH23EC141	Govarathin	Govarathin
51	INH23EC169	Thiruvilvam K	Thiruvilvam
52	INH23EC122	Vijayashree Reddy	Vijayashree
53	INH23EC143	Samyog M	Samyog
54	INH23EC102	B. Sasichandana	B. Sasichandana
55	INH23EC026	B. Nava	B. Nava
56	INH23EC023	Ashwini P	Ashwini
57	INH23EC049	Danu Nagani	Danu
58	INH23EC014	Anish Pithal	Anish
59	INH23EC056	Gagan Chandany D	Gagan
60	INH23EC032	P. Nikhil	P. Nikhil
61	INH23EC105	Narendra T	Narendra

62	INH23EC116	Prakhabd Singh KM	
63	INH24EC418	Shankar.S	
64	INH23EC034	B. Farooq	B. Farooq
65	INH24EC413	Sharath J.S	
66	INH24EC414	Shivam Punekar	
67	INH23EC150	Shree Hanuitha	
68	INH23EC063	Govind K.R.A.N.P	
69	INH23EC074	Jnana Prabhu.HR	
70	INH23EC005	D.Kavya	D.Kavya
71	INH23EC054	G. Slekha	G. Slekha
72	INH23EC035	Colutha Amutha	Colutha Amutha
73	INH23EC036	C.SRIJA	C.SRIJA
74	INH24EC400	Darshan.G	Darshan.G
75	INH23EC090 INH23EC114	PAVITHRA Dhanush	PAVITHRA Dhanush
76	INH23EC022	Ashwal A.U	Ashwal A.U
77	INH23EC078	ANUSH	ANUSH
78	INH23EC113	Bavithra.B	Bavithra.B
79	INH23EC009	Alec.L.M	Alec.L.M
80	INH23EC059	Ganesh	Ganesh
81	INH24EC404	Darshan.N.B	Darshan.N.B
82	INH23EC114	Paavithra.M.D	Paavithra.M.D
83	INH23EC104	Raghavendra	Raghavendra
84	INH24EC417	Veeranandra	Veeranandra
85	INH23EC063	Maximal.S.S	Maximal.S.S
86	INH24EC409	RUSHIKUMAR B.P	RUSHIKUMAR B.P
87	INH24EC407	Kaathal.Raj.H.S	Kaathal.Raj.H.S
88	INH24EC402	Darshan Raj.B	Darshan Raj.B
89	INH24EC404	Sinmesh Kumar.N	Sinmesh Kumar.N
90	INH23EC005	Adithya	Adithya
91	INH24EC406	Kalyankumar B.N	Kalyankumar B.N
92	INH23EC096	Mohan Shankar G	Mohan Shankar G
93	INH23EC020	Arun	Arun
94	INH23EC091	Lokesh	Lokesh
95	INH23EC082	Kisan	Kisan
96	INH23EC158	Darshan	Darshan
97	INH23EC147	Jaydeep.U	Jaydeep.U
98	INH23EC163	Gadisha	Gadisha

99	62	INH23EC009	Akash.M	Akash
100	63	INH23EC059	Ganesh	Ganesh
101	64	INH23EC034	B.Farooq	B.Farooq
102	65	INH23EC022	Ashwal	Ashwal
103	66	INH23EC107	Aditya Rishi	Aditya Rishi
104	67	INH23EC005	Adithya Kamithkar	Adithya Kamithkar
105	68	INH23EC054	G. Slekha	G. Slekha
106	69	INH23EC1027	B. Manikanteswarambeddy	B. Manikanteswarambeddy
107	70	INH23EC159	Somshurav.A	Somshurav.A
108	71	INH23EC166	Sushant	Sushant
109	72	INH24EC401	Darshan.N.B	Darshan.N.B
110	73	INH23EC150	Shree Hanuitha	Shree Hanuitha
111	74	INH24EC400	Darshan.G	Darshan.G
112	75	INH23EC035	Colutha Amutha	Colutha Amutha
113	76	INH23EC036	C.SRIJA	C.SRIJA

Faculty Coordinator:

HOD - ECE

Professor & Head ECE Dept
Dept of Electronics and Communication Engineering
New Horizon College of Engineering
Bengaluru -560103

Feedback

Expert Lecture Feedback Form (Responses) ☆ 📄 🔗

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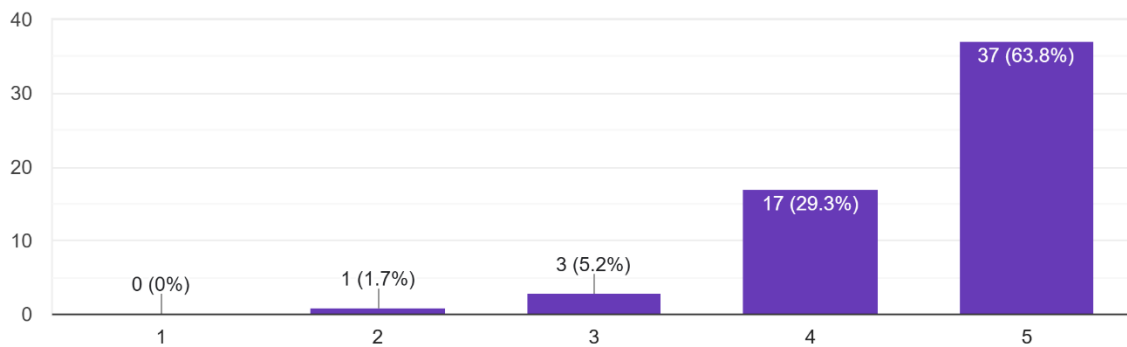
Timestamp

Timestamp	Expert Lecture Ratings Out of 5	How would you rate the overall quality of the	Was the content of the lecture relevant to you	How clear and understandable was the exper	Did the expert effectively engage
07/04/2026 16:20:13	5	Very Good	Highly relevant	Clear	Agree
07/04/2026 16:20:15	4	Very Good	Highly relevant	Clear	Agree
07/04/2026 16:20:23	4	Good	Neutral	Clear	Agree
07/04/2026 16:20:28	4	Very Good	Somewhat relevant	Clear	Agree
07/04/2026 16:20:32	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:20:32	5	Very Good	Highly relevant	Clear	Agree
07/04/2026 16:20:36	5	Good	Highly relevant	Very clear	Agree
07/04/2026 16:20:40	5	Good	Somewhat relevant	Very clear	Agree
07/04/2026 16:20:50	3	Good	Neutral	Clear	Agree
07/04/2026 16:21:04	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:21:05	3	Average	Highly relevant	Clear	Strongly disagree
07/04/2026 16:21:05	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:21:13	2	Good	Neutral	Somewhat unclear	No
07/04/2026 16:21:13	4	Very Good	Highly relevant	Clear	Agree
07/04/2026 16:21:37	5	Very Good	Somewhat relevant	Clear	Agree
07/04/2026 16:21:39	5	Excellent	Highly relevant	Clear	Agree
07/04/2026 16:21:45	4	Very Good	Somewhat relevant	Clear	Agree
07/04/2026 16:21:46	4	Good	Neutral	Clear	Agree
07/04/2026 16:22:06	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:22:11	5	Very Good	Highly relevant	Clear	Agree
07/04/2026 16:22:22	5	Very Good	Somewhat relevant	Clear	Agree
07/04/2026 16:26:21	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:30:52	4	Very Good	Somewhat relevant	Clear	Agree
07/04/2026 16:31:14	5	Very Good	Highly relevant	Clear	Agree
07/04/2026 16:31:34	4	Good	Somewhat relevant	Clear	Agree
07/04/2026 16:31:39	4	Good	Neutral	Clear	Agree
07/04/2026 16:32:22	4	Very Good	Somewhat relevant	Clear	Agree
07/04/2026 16:33:12	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:33:40	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:37:48	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:40:47	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 16:40:55	5	Average	Highly relevant	Very clear	Strongly agree
07/04/2026 16:42:07	3	Good	Neutral	Clear	Agree
07/04/2026 16:44:10	5	Excellent	Highly relevant	Clear	Agree
07/04/2026 16:49:23	5	Excellent	Highly relevant	Clear	Agree
07/04/2026 16:53:45	4	Good	Somewhat relevant	Clear	Agree
07/04/2026 17:03:31	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 17:11:07	5	Excellent	Highly relevant	Very clear	Strongly agree
07/04/2026 17:11:27	4	Good	Highly relevant	Clear	Agree

41	07/04/2026 17:17:12	5	Excellent	Highly relevant	Very clear	Strongly agree
42	07/04/2026 17:20:08	5	Excellent	Highly relevant	Very clear	Strongly agree
43	07/04/2026 17:21:55	5	Excellent	Highly relevant	Very clear	Strongly agree
44	07/04/2026 17:54:54	5	Excellent	Highly relevant	Very clear	Strongly agree
45	07/04/2026 17:59:08	4	Very Good	Highly relevant	Clear	Agree
46	07/04/2026 18:33:38	5	Very Good	Highly relevant	Very clear	Agree
47	07/04/2026 18:46:16	5	Very Good	Somewhat relevant	Clear	Agree
48	07/04/2026 18:50:13	4	Excellent	Somewhat relevant	Clear	Strongly agree
49	07/04/2026 18:50:50	5	Very Good	Highly relevant	Clear	Agree
50	07/04/2026 19:16:59	5	Very Good	Highly relevant	Clear	Strongly agree
51	07/04/2026 19:59:21	5	Very Good	Highly relevant	Very clear	Agree
52	07/04/2026 20:29:01	5	Good	Neutral	Clear	Agree
53	07/04/2026 21:15:22	4	Very Good	Somewhat relevant	Clear	Agree
54	08/04/2026 01:03:49	4	Good	Highly relevant	Clear	Agree
55	08/04/2026 11:50:21	5	Excellent	Highly relevant	Very clear	Strongly agree
56	08/04/2026 11:50:55	4	Very Good	Highly relevant	Clear	Agree
57	08/04/2026 11:51:08	5	Excellent	Highly relevant	Very clear	Strongly agree
58	08/04/2026 11:51:15	5	Excellent	Highly relevant	Very clear	Strongly agree
59	08/04/2026 11:51:27	5	Excellent	Highly relevant	Very clear	Strongly agree

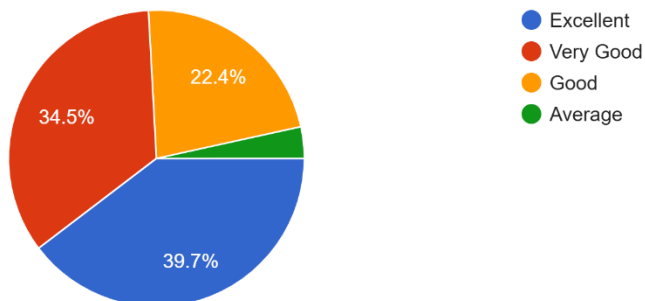
Expert Lecture Ratings Out of 5

58 responses



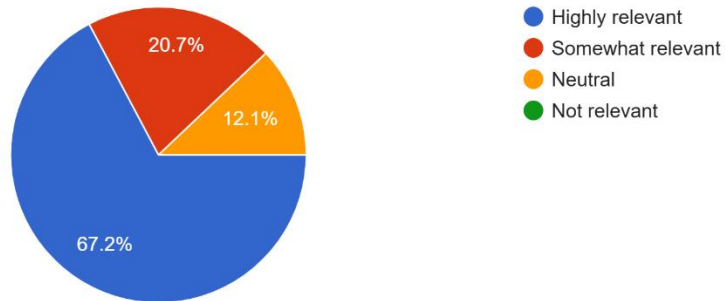
How would you rate the overall quality of the expert lecture session?

58 responses



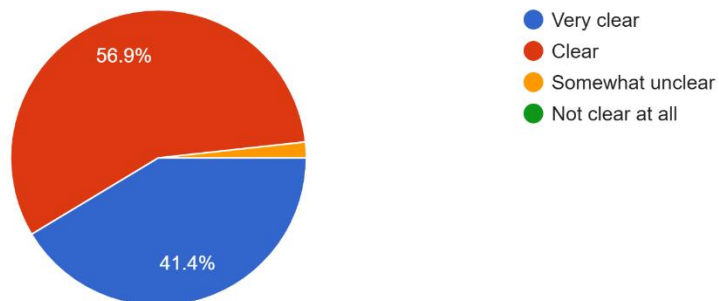
Was the content of the lecture relevant to your interests or field of study?

58 responses



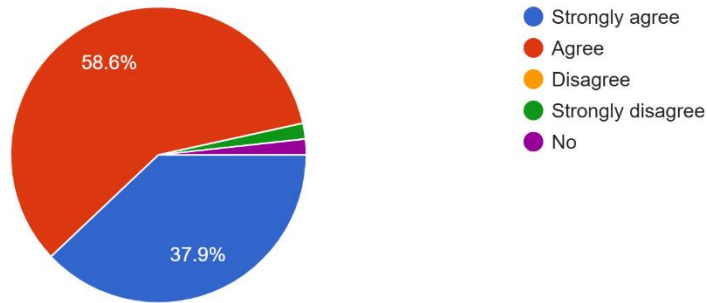
How clear and understandable was the expert's presentation?

58 responses



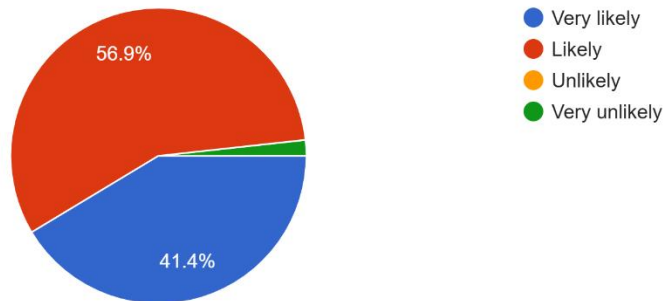
Did the expert effectively engage the audience during the session?

58 responses



How likely are you to apply the knowledge gained from this lecture in your work or studies?

58 responses



Faculty Coordinator
ECE

HoD
ECE