



SOUTH EAST ASIAN EDUCATION TRUST®
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY
(Approved by All India Council for Technical Education (AICTE), New Delhi)
Affiliated to Visvesvaraya Technological University(VTU), Belagavi, Recognised by Government of Karnataka)

Department of Electronics and Communication Engineering

Report on the seminar on Data Science & Its Application

A seminar on Data Science & Its Application was organized by S.E.A College of Engineering and Technology, Bangalore in association with Data Neurons, Bangalore on 07th December, 2022 at 10:00am. The workshop was arranged for Second year, Third year and Final year ECE students. Nearly 80 students attended the seminar. Inauguration for the seminar was held on AC seminar hall at 10:00am. The function was presided by Dr.B.Venkatanarayana, Principal, SEACET and introduction of resource persons was given by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET.

The resource persons for this seminar are Mr. Mohammed Akthar Kazi, Data Scientist, Data Neurons and Mr. Amit Nagar, General Manager operations, Data Neurons.

About Seminar:

S.E.A College of Engineering and Technology
Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi
Elka Nagar, Near Ayyappa Nagar Circle, Devanahalli Main Road, K.R.Puram, Bangalore-49

A One day Seminar on
"Data Science and its Applications"
In Association with IQAC, IIC, & Data Neurons

Mr. Mohammed Akthar Kazi,
Data Scientist
Data Neurons

Mr. Amit Nagar
General Manager Operations
Data Neurons

On 7th December 2022 at 10.00AM

Venue: AC Seminar Hall

The poster also includes a 'DATA SCIENCE' graphic with icons for ANALYSIS, VISUALIZATION, SYSTEM, PROCESS, STRUCTURE, PROGRAMMING, SOLVING, and KNOWLEDGE, and a 'DATA NEURONS' logo featuring a stylized tree.

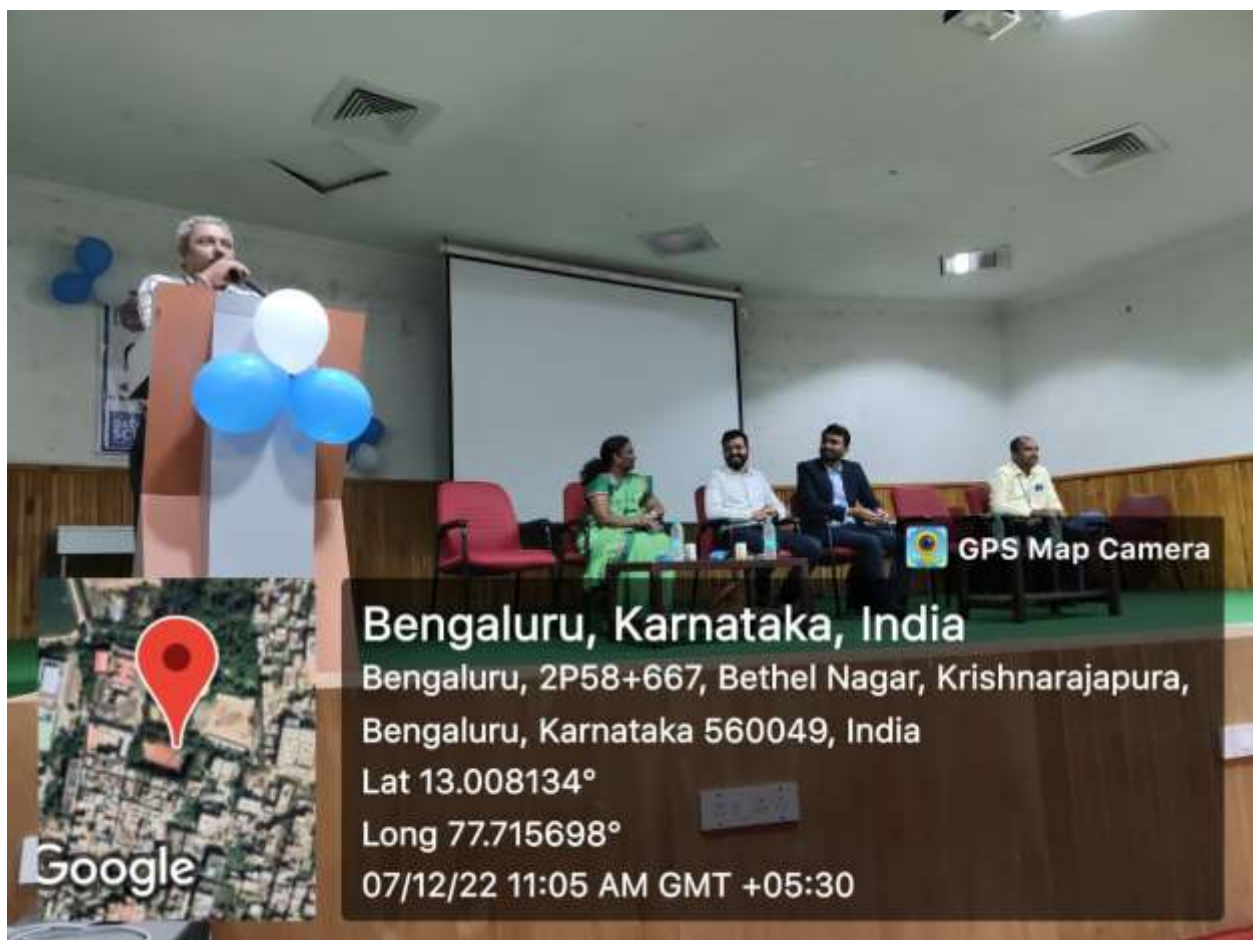
Objective of Seminar:

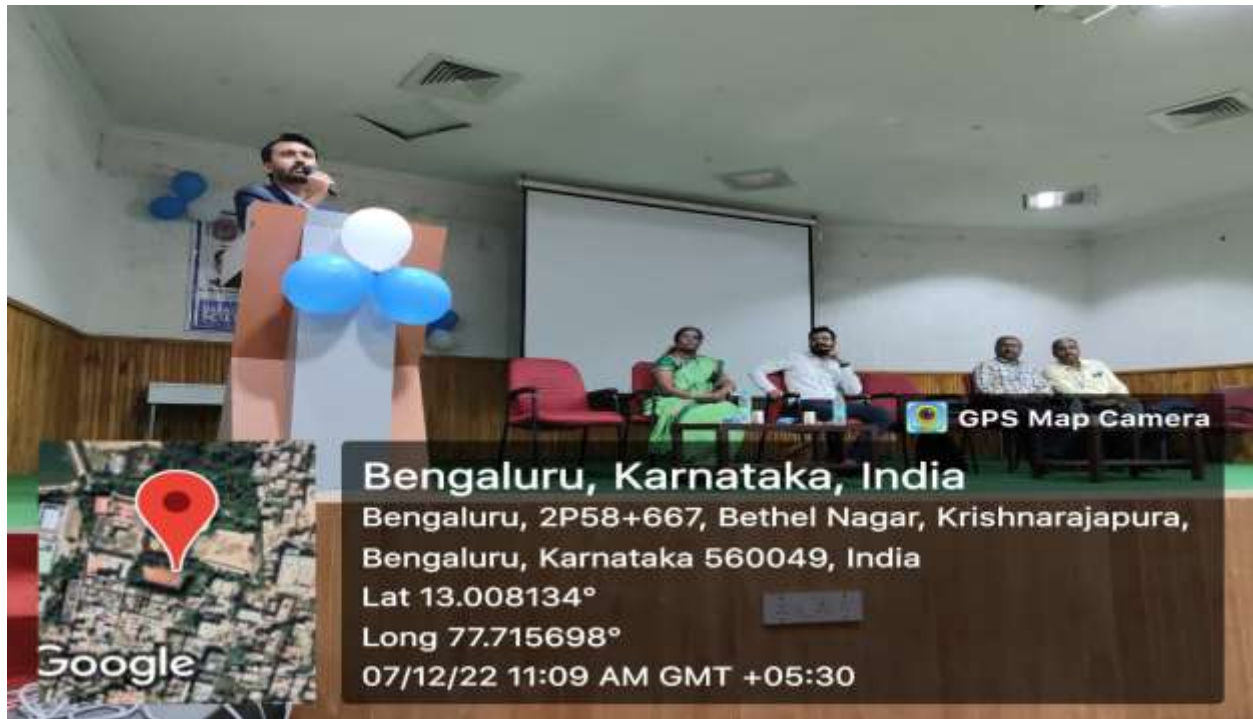
- To bring together students and practitioners in data science area to discuss new foundational results, methods, and applications.
- To include both novel machine learning and statistical approaches to data science with a focus on algorithmic and mathematical foundations.
- To know the important challenges faced by different industries in addressing real-world data science problems.
- To discuss and identify important challenges that need to be addressed, both in theory and practice, for further advancement of data science

Mr. Mohammed Akthar Kazi started his lecture stating the importance of learning programming language. How learning Python programming is essential in shaping their career in industries side. He also informed students that during their academic course learning MATLAB coding, Digital Image Processing and Electromagnetic Waves will help them to secure jobs in data science area. Then he gave a brief idea about both novel machine learning and statistical approaches to data science with a focus on algorithmic and mathematical foundations. Later he discussed the important challenges faced by different industries in addressing real-world data science problems.

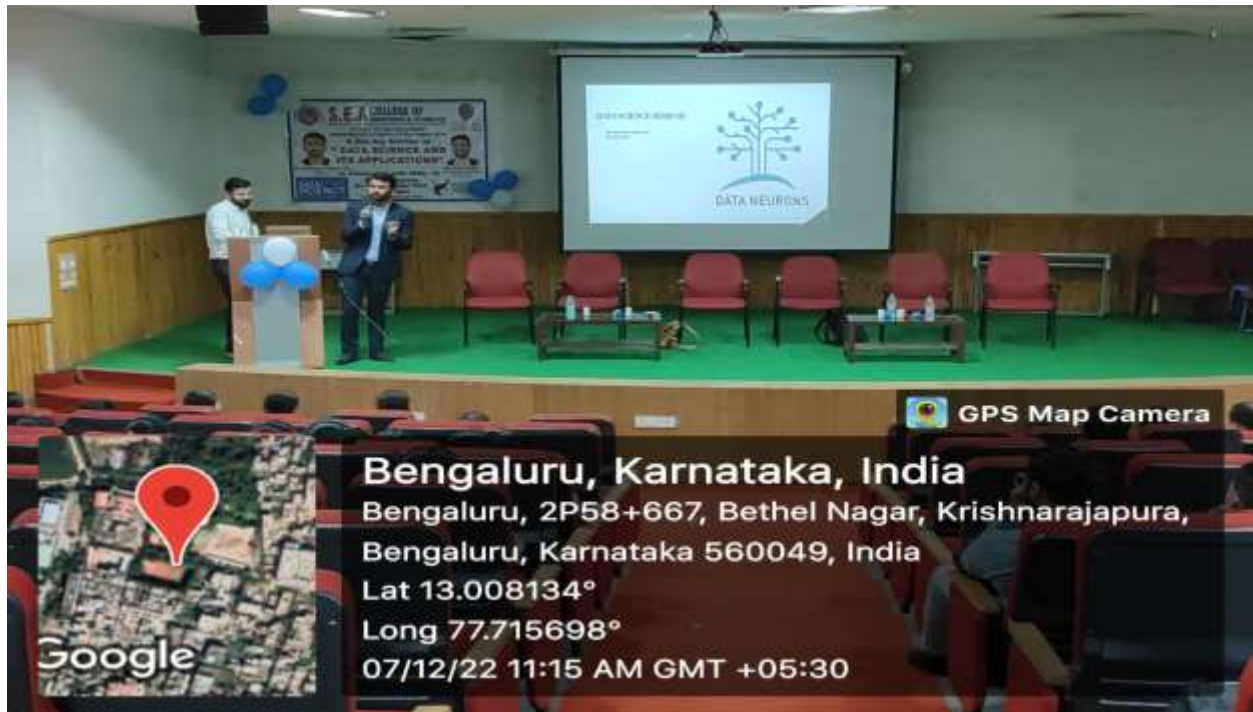
Then Mr. Amit Nagar explained how to identify important challenges that need to be addressed, both in theory and practice, for further advancement of data science. And they gave brief elaboration of how a growth of data scientist will be in industry and what are the available career opportunities for the students and how they have to prepare themselves to meet the current industry requirements. Finally, they concluded by answering the questions from the students.

Snapshots from seminar are presented below.











The seminar was concluded at 12.30pm. The seminar ended with the vote of thanks. It was given by Dr. Pradeep Kumar N.S., HOD, ECE, SEACET. Feedback forms were collected from the students. Seminar was highly informative to students and staffs. Thus seminar provided valuable awareness and insights on the various aspects of Data Science.

Seminar Outcome:

- Students learnt new foundational results, methods, and applications in data science area.
- Both novel machine learning and statistical approaches to data science with a focus on algorithmic and mathematical foundations were discussed.
- The important challenges faced by different industries in addressing real-world data science problems was addressed.

Students Name list – Seminar:

S NO	USN NO	NAME OF STUDENT
1	1SP21EC001	AISHWARYA D
2	1SP21EC002	AISHWARYA H R
3	1SP21EC003	AMULYA PATIL D A
4	1SP21EC004	BHARADWAZ R
5	1SP21EC005	DENITHA D
6	1SP21EC006	GODLAVEETI GURUMAHESH
7	1SP21EC008	JAGATI SAI TEJA
8	1SP21EC009	JALANI K S
9	1SP21EC010	KANNIKA P N
10	1SP21EC011	KARTHIK V H
11	1SP21EC12	KEVIN GEORGE D
12	1SP21EC13	L PAWAN KUMAR
13	1SP21EC14	MOHAMMED NAWAZ ULLAH
14	1SP21EC15	NIKHIL K
15	1SP21EC17	RANJITHA M
16	1SP21EC18	S YUVARAJ
17	1SP21EC19	SACHIN KUMAR S
18	1SP21EC020	SAHANA H
19	1SP21EC21	SHAMME ZEHRA
20	1SP21EC22	SINDHU K J
21	1SP21EC23	SINDHU V
22	1SP21EC24	SKANDA P
23	1SP21EC25	SONIKA N
24	1SP21EC26	SOWMYA P
25	1SP21EC027	SPOORTHY J
26	1SP21EC28	SRIDHAR S MELI
27	1SP21EC30	SUZAIN KHANUM
28	1SP21EC031	THIRTA KUMAR H B
29	1SP21EC32	VAISHNAVI PATIL
30	1SP21EC33	VARAPRASAD K
31	1SP21EC34	VENUGOPAL H R
32	1SP21EC35	VYSHNAVI A R
33	LATERAL ENTRY	ASWINI T
34	LATERAL ENTRY	BHARATHI
35	LATERAL ENTRY	CHARITHRA RANI
36	LATERAL ENTRY	KARTHIKEYA K
37	LATERAL ENTRY	KULDEEP
38	LATERAL ENTRY	SAI NIKHIL
39	LATERAL ENTRY	SUDEEP B S
40	LATERAL ENTRY	Trisha
41	1SP20EC001	BHAVANI S
42	1SP20EC002	CHAKKIRI V SUDHEER KUMAR

43	1SP20EC003	E NANDINI
44	1SP20EC004	EDURU RAJESH
45	1SP20EC005	JYOTHI NN
46	1SP20EC006	LOKESH P
47	1SP20EC007	MOHITH GOWDA
48	1SP20EC008	D N PADMANAND
49	1SP20EC009	SNEHA SHREE
50	1SP20EC010	PRATHIK KUMAR RAI
51	1SP17EC007	HOSMANI SANJUKUMAR
52	1SP18EC002	CHANDAN
53	1SP18EC012	SRIPRIYA N
54	1SP19EC001	ABHILASH C
55	1SP19EC002	ANIRBAN SANKI
56	1SP19EC003	ANIYA KAUSAR
57	1SP19EC004	ARBEEN TAJ
58	1SP19EC005	BHARATH B
59	1SP19EC006	BINU
60	1SP19EC007	BYRE GOWDA N
61	1SP19EC009	CYRIL PAUL RAYAN
62	1SP19EC010	GLORY D'SOUZA R
63	1SP19EC011	IMPANA
64	1SP19EC012	KAVITHA P
65	1SP19EC013	LAVANYA K
66	1SP19EC014	MAMTA KUMARI
67	1SP19EC015	MANJUNATH B
68	1SP19EC016	MANOJ GY
69	1SP19EC017	NAVEEN Y
70	1SP19EC018	PALLAVI AS
71	1SP19EC019	PARVATHI S
72	1SP19EC020	PRAJWAL
73	1SP19EC021	PRIYANKA KUMARI
74	1SP19EC022	RAJESH P
75	1SP19EC023	SATHVIKA GB
76	1SP19EC024	AVINASH S
77	1SP19EC026	VY SANTHOSE
78	1SP19EC027	YASHWANTH GOWDA
79	1SP19EC028	YOGESH V
80	1SP19EC030	RISHI VARDHAN

Students Attendance sheet (scanned):

S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

Students Attendance (ACADEMIC YEAR 2022-23 - ODD SEM)

Seminar on 'Data Science and its Applications' - 07-12-22

S No	USN	NAME OF THE STUDENT	SIGNATURE
1	1SP21EC001	AISHWARYA D	Aishwarya D
2	1SP21EC002	AISHWARYA H R	Aishwarya H.R.
3	1SP21EC003	AMULYA PATIL D A	Amulya Patil D.A.
4	1SP21EC004	BHARADWAZ R	Bharadwaz R
5	1SP21EC005	DENITHA D	Denitha D
6	1SP21EC006	GODLAVEETI GURUMAHESH	Godlaveeti Gurumahesh
7	1SP21EC008	JAGATI SAI TEJA	Jagati Sai Teja
8	1SP21EC009	JALANI K S	Jalani K.S.
9	1SP21EC010	KANNIKA P N	Kannika P.N.
10	1SP21EC011	KARTHIK V H	Karthik V.H.
11	1SP21EC12	KEVIN GEORGE D	Kevin George D
12	1SP21EC13	L PAWAN KUMAR	L Pawan Kumar
13	1SP21EC14	MOHAMMED NAWAZ ULLAH	Mohammed Nawaz Ullah
14	1SP21EC15	NIKHIL K	Nikhil K
15	1SP21EC17	RANJITHA M	Ranjitha M
16	1SP21EC18	S YUVARAJ	S Yuvaraj
17	1SP21EC19	SACHIN KUMAR S	Sachin Kumar S
18	1SP21EC020	SAHANA H	Sahana H
19	1SP21EC21	SHAMME ZEHRA	Shamme Zehra
20	1SP21EC22	SINDHU K J	Sindhu K.J.
21	1SP21EC23	SINDHU V	Sindhu V
22	1SP21EC24	SKANDA P	P. Skanda
23	1SP21EC25	SONIKA N	Sonika N
24	1SP21EC26	SOWMYA P	Sowmya P
25	1SP21EC027	SPOORTHY J	Spoorthy J
26	1SP21EC28	SRIDHAR S MELI	Sridhar S Meli
27	1SP21EC30	SUZAIN KHANUM	Suzain Khanum
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34	LATERAL ENTRY	BHARATHI	Bharathi
35	LATERAL ENTRY	CHARITHRA RANI	Charithra Rani
36	LATERAL ENTRY	KARTHIKEYA K	Karthikeya K
37	LATERAL ENTRY	KULDEEP	Kuldeep
38	LATERAL ENTRY	SAI NIKHIL	Sai Nikhil

39	LATERAL ENTRY	SUDEEP B S	Sudeep B.S
40	LATERAL ENTRY	Trisha	Trisha
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43	1SP20EC003	E NANDINI	E. Nandini
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46	1SP20EC006	LOKESH P	Lokesh P
47	1SP20EC007	MOHITH GOWDA C B	Mohith G
48	1SP20EC008	D N PADMANAND	D. N. Padmanand
49	1SP20EC009	SNEHA SHREE	Sneha Shree - 10
50	1SP20EC010	PRATIK KUMAR RAI	Pratik
51	1SP19EC001	ABHILASH C	A. Abhilash
52	1SP19EC002	ANIRBAN SANKI	Anirban
53	1SP19EC003	ANIYA KAUSAR	Aniya
54	1SP19EC004	ARBEEN TAJ	Arbeem
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71	1SP19EC022	RAJESH P	Rajesh P
72	1SP19EC023	SATHVIKA GB	Sathvika GB
73	1SP19EC024	AVINASH S	Avinash S
74	1SP19EC026	VY SANTHOSH	V. Y. Santhosh
75	1SP19EC027	YESHWANTH GOWDA	Yeshwanth
76	1SP19EC028	YOGESH V	Yogesh V
77	1SP19EC030	RISHI VARDHAN	Rishi Vardhan
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79	1SP18EC002	CHANDAN J A	J. A. Chandan
80	1SP18EC012	SRIPRIYA N	Sripriya N

Sample Feedback forms from students (scanned):



S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Basavanapura, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

Seminar on "Data Science and its Applications" for ECE students in association with IQAC, IIC and "Data Neurons" on 7th December, 2022

Seminar Name: Data Science & its Applications Date: 7/12/22
Name of the Institution: Sea College of Engineering & Technology
Program Date: 7/12/22 Program Mode (Online/Offline): Offline
Name of the Participant: Arbeen Taj
Department: ECE
USN NO: 1SP19EC004
Year and Semester: 7th Sem 4th yr
Address: #371 Ameejan Compound Railway Station
Road Kadugodi Bangalore-67
Phone No: 6361185077 Mobile No: 9035314206 e-mail ID: arbeentaj121@gmail.com

> Write down the benefits got by attending this program?

→ Got to know about data science & its applications.

> Any Notes or Content Material provided (Y/N): NO

> Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning ?

Yes

> Have you found any innovative idea of making learning process from this program? Explain.

Yes

- > Whether initiatives like this should be organized in the coming future or not? Give reason.

→ Yes

- > How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

→ Can advance inform them about the program.

- ✓ Kindly give rating to the different aspects of Seminar (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	10	
(b). Resource Persons	9	
(c). Presentations	8	
(d). Interactive Sessions	8	
(e). Reading Material	9	
(f). Basic Facilities	8	
(g). Overall	9	

Signature of the Participant



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Basavanapura, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

Seminar on "Data Science and its Applications" for ECE students in association with IQAC, IIC and "Data Neurons" on 7th December, 2022

Seminar Name: Data Science and its Applications Date: 07/12/22

Name of the Institution: Sea College of Engineering

Program Date: 7/12/22 Program Mode (Online/Offline): Offline

Name of the Participant: Snehashree.K

Department: Electronic and communication (ECE)

USN NO: ISP20ECD09

Year and Semester: 3rd year 5th sem

Address: Chinthamani (T), Chikkaballapura (D)

Phone No: 8904273443 Mobile No: 8904273443 e-mail ID: Snehashree2003@gmail.com

> Write down the benefits got by attending this program?

We learned how data science is helpful in our job carrier

> Any Notes or Content Material provided (Y/N): No

> Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning?

Yes

> Have you found any innovative idea of making learning process from this program? Explain.

yes, we came to know how python is useful for future and how subjects are helpful.

- > Whether initiatives like this should be organised in the coming future or not? Give reason.

Yes, we got to know about data science

- > How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

we say about how Data Science is helpful for future

- ✓ Kindly give rating to the different aspects of Seminar (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	10	0
(b). Resource Persons	10	0
(c). Presentations	10	0
(d). Interactive Sessions	10	0
(e). Reading Material	0	10
(f). Basic Facilities	10	0
(g). Overall	09	01

Shreya Shree . K .
Signature of the Participant