

## **REPORT ON**

### **5-DAYS FACULTY DEVELOPMENT PROGRAMME ON**

#### **“FUNDAMENTALS & APPLICATIONS OF BASIC SIGNAL PROCESSING”**

**VENUE:** ECE Seminar Hall (offline)

**DATE :** 18<sup>th</sup> to 22<sup>th</sup> October 2022

**TIMINGS:** 9:30 AM to 3:30 PM

**NUMBER OF PARTICIPANTS:** 61

**ORGANIZING CHAIR:** Dr. GT Raju, Principal, SJCIT, Chickballapur

**CONVENOR:** Dr .B N Shobha, Prof & Head, Department of Electronics & Communication Engineering.

**COORDINATORS:** Dr Nagendra Kumar M, Professor, Dept. of ECE  
Dr S Bhargavi, Professor, Dept. of ECE

#### **TECHNICALCOMMITTEE:**

Dr. Bhaskar S, Professor, Dept. of ECE  
Dr. Levy M, Professor, Dept. of ECE  
Dr. Sudhir P, Assoc. Professor, Dept. of ECE  
Dr. Rangaswamy C, Assoc. Professor, Dept. of ECE  
Dr. Pranjala Tiwari, Assoc. Professor, Dept. of ECE  
Prof. Shwetha V, Asst. Professor, Dept. of ECE  
Prof. Manjula K, Asst. Professor, Dept. of ECE  
Prof. Ravi M V, Asst. Professor, Dept. of ECE  
Prof. Madhukar S, Asst. Professor, Dept. of ECE

#### **ORGANIZING COMMITTEE:**

Dr.Narayanappa C K, Prof. & HOD, Dept. of ML, MSRIT  
Dr. Manjunath Reddy, Prof. & HOD, Dept. of ECE, GAT  
Dr. M B Anandaraju, Prof. & HOD, Dept. of ECE, BGSIT  
Dr. Manjunath R, Prof. & HOD, Dept. of ECE, DSATM  
Dr. Mahesh P K, Prof. & HOD, Dept. of ECE, ATME, Mysore  
Dr. P M Shiva Kumar, Prof. & HOD, ECE, JSSATE  
Dr. M A Goutham, Prof. & HOD, Dept. of ECE, AIT, Chikkamagaluru.  
Dr. Anil N S, Prof. & Head, Dept. of ECE, EWCE, B'lore  
Dr. Sridhar S, Prof. & Head, Dept. of ECE, APSCE, B'lore

#### **About the FDP:**

The FDP throws light on the promising research areas such as to prepare faculties with fundamental knowledge and overview in the field of Signal Processing with Familiarization of the concept of Vector spaces and orthogonality with a qualitative insight into applications

in communications. To equip faculties with a basic foundation of Signal Processing by delivering the basics of quantitative parameters for Matrices & Linear Transformations, the mathematical description of discrete time signals and systems, analyzing the signals in time domain using convolution sum, classifying signals into different categories based on their properties, analyzing Linear Time Invariant (LTI) systems in time and transform domains

- Vector spaces and Dimensions of the four subspaces.
- Industrial Visit to Indian institute of Astrophysics, Gouribidanur.
- Eigen values and Eigen vectors
- Time Domain representation of LTI System
- Basic operations of Signals
- System classification and properties
- Hands-on Session Practical Component of IPCC by Python

**FDP BROCHURE:**

<p align="center"><b>ADICHUNCHANAGIRI MAHASAMSTHANA MUTT</b></p> <p>Sri Adichunchanagiri Mahasamsthana Mutt with its roots firmly embedded in the folds of time (1500 Years), situated on rocky hill, 63 miles west of Bengaluru, Karnataka, has been working towards the betterment of human life and society. Following the Guru Parampara, the mutt has been striving to elevate mankind. The mutt's benevolent activities of social service gained an accelerated momentum under the guidance of pontiff, His Holiness Jagadguru Sri Sri Sri Dr. Balagadharanatha Mahaswamiji.</p> <p>Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji is a guiding spirit for the development of education and social activities all over Karnataka and other parts of the country. Under his guidance, the trust has established many schools &amp; colleges in the rural and urban parts of the country. The mutt is dedicated to the cause of quality education, health and managing in more than 515 institutions all over Karnataka, Andhra Pradesh, Delhi, Tamilnadu, Maharashtra and other parts of the country. More than 1,50,000 students are studying and getting the benefit.</p> <p align="center"><b>IMPORTANT DATES</b></p> <p>Last Date for Registration :12/10/2022 Confirmation through E-Mail :15/10/2022</p> <p align="center"><b>REGISTRATION</b></p> <p>Registration fee Rs 600/- for 5 days, includes registration kit, lunch and certificate. The online fee payment could be done using the given QR code.</p>  <p>The registration form can be downloaded from the college web site: <a href="http://www.sjcit.ac.in">www.sjcit.ac.in</a> Please send the filled-in applications by E-mail: <a href="mailto:sjciftfp2022@gmail.com">sjciftfp2022@gmail.com</a> Also, fill in the details in the Google form: <a href="https://forms.gle/PLwvny9huafsham3ga6">https://forms.gle/PLwvny9huafsham3ga6</a></p>	<p><b>DIVINE BLESSINGS:</b> His Holiness, The Divine Soul, Jagadguru Padmabhushan Sri Sri Sri Dr. Balagadharanatha Mahaswamiji, Founder President, Sri Adichunchanagiri Shikshana Trust<sup>(R)</sup></p> <p><b>CHIEF PATRON:</b> His Holiness Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji, President, Sri Adichunchanagiri Shikshana Trust<sup>(R)</sup></p> <p><b>PATRON:</b> Poojya Sri Sri Mangalanatha Swamiji Secretary, SACST, Chickballapur</p> <p><b>PROGRAM CHAIR:</b> Dr. G T Raju Principal, SJCIT, Chickballapur</p> <p><b>ORGANIZING CHAIR:</b> Sri. Suresha J Registrar, SJCIT, Chickballapur</p> <p><b>CONVENER:</b> Dr. B N Shobha, Prof. &amp; Head, Dept. of ECE</p> <p><b>CO-ORDINATORS:</b> Dr. Nagendra Kumar M, Professor, Dept. of ECE Dr. S Bhargavi, Professor, Dept. of ECE</p> <p><b>TECHNICAL COMMITTEE:</b> Dr. Bhaskar S, Professor, Dept. of ECE Dr. Levy M, Professor, Dept. of ECE Dr. Sudhir P, Assoc. Professor, Dept. of ECE Dr. Rangaswamy C, Assoc. Professor, Dept. of ECE Dr. Pranjala Tiwari, Assoc. Professor, Dept. of ECE Prof. Shwetha V, Asst. Professor, Dept. of ECE Prof. Manjula K, Asst. Professor, Dept. of ECE Prof. Ravi M V, Asst. Professor, Dept. of ECE Prof. Madhukar S, Asst. Professor, Dept. of ECE</p> <p><b>ADVISORY COMMITTEE:</b> Dr. Deepak K T, Professor, Dept. of EEE, IIT, Dharwad Dr. Narayanappa C K, Prof. &amp; HOD, Dept. of ML, MSRIT Dr. Manjunath Reddy, Prof. &amp; HOD, Dept. of ECE, GAT Dr. M B Anandaraju, Prof. &amp; HOD, Dept. of ECE, BGSIT Dr. Manjunath R, Prof. &amp; HOD, Dept. of ECE, DSATM Dr. P M Shiva Kumar, Prof. &amp; HOD, ECE, JSSATE Dr. M A Goutham, Prof. &amp; HOD, Dept. of ECE, AIT, Chikkamagaluru. Dr. Anil N S, Prof. &amp; Head, Dept. of ECE, EWCE, B'lore Dr. Sridhar S, Prof. &amp; Head, Dept. of ECE, APSCE, B'lore Dr. Sanjeev Kubakaddi, Director, iie Knowledge Solutions, Bangalore</p>	<p align="center">  Jai Sri Gunde   Sri Adichunchanagiri Shikshana Trust<sup>(R)</sup> www.sjcit.ac.in</p> <p align="center"><b>SJC INSTITUTE OF TECHNOLOGY</b> (VTU affiliated, AICTE approved, Accredited by NAAC &amp; NBA, Gold Rated by QS I-Gauge) P.B No. 20, BB Road, Chickballapur - 562 101</p>  <p align="center"><b>5-Days Faculty Development Program on FUNDAMENTALS &amp; APPLICATIONS OF BASIC SIGNAL PROCESSING</b> (As per revised NEP-VTU Syllabus)</p> <p align="center"><b>OCTOBER 18-22, 2022</b></p>  <p align="center"><b>Organized by DEPARTMENT OF ELECTRONICS &amp; COMMUNICATION ENGINEERING &amp; RESEARCH CENTRE</b> In association with IEEE Student Chapter &amp; IEEE- Bangalore Section, IQAC and IIC</p> <p align="center"><b>Vision of the Institute</b> Preparing Competent Engineering and Management Professionals to serve the Society</p>
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**ABOUT THE INSTITUTION**

SJC Institute of Technology (SJCIT) is a premier institute, dedicated to impart quality education since 1986. With divine blessings of Paramapoojya Jagadguru Padmabhushana Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji, the institute is managed by Sri Adichunchanagiri Shikshana Trust<sup>(R)</sup>. The trust is under the astute visionary & spiritual guidance of Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji. The college campus is spread over 64 acres of lush green environment and is located near Muddenahalli, the birth place of the Architect of Modern India, Bharath Ratna Sir M. Visvesvaraya. The college is situated on Bengaluru - Bellary National Highway (NH-44) about 50 kms from Bengaluru and 20 kms from Kempegowda International Airport. The Institution is accredited by NBA, NAAC and offers ten UG Courses: ECE, CSE, CSE (CS&D), CSE (AI&ML), CSE (DS), ISE, MECH, CV, AE & AS and Five PG Courses in Engineering and MBA along with Eight VTU recognized R&D centers.

**ABOUT THE DEPARTMENT**

The Department of ECE, established in 1986 is offering UG degree with an intake of 180, PG degree in Digital Communication & Networking and also has Research centre. It is well equipped with state-of-the-art laboratories. The department is strengthened with the dedicated faculty to exploit all the available teaching and training aids to impart quality education. All the laboratories are geared with wide range of Test Equipment and their accessories, modules/models, experimental workbenches to undertake prescribed experiments. Various Training Activities/Seminar/ Workshops will be regularly organized to improve the Technical Skills of both faculty and Students. Students from our department have been placed in the top most Companies with good packages. Some students have been inducted into foreign universities for higher studies and Research programs.

**Vision of the Department**

To Achieve Academic Excellence in Electronics and Communication Engineering by Imparting Quality Technical Education and Facilitating Research Activities

**OBJECTIVES OF THE FDP**

- To prepare Faculty Members with knowledge in fundamental & Advanced concepts in the field of Signal Processing involving vector spaces and orthogonality with a qualitative insight into applications in communications.
- To equip Faculty Members well versed with quantitative parameters for Matrices & Linear Transformations, the mathematical description of discrete time signals and systems, analyzing the signals in time domain with hands on sessions.

**PROGRAM SCHEDULE:**

Days	Timings	Contents	Resource Person
Day - 1 (18/10/2022)	Session - 1 9:30am-12:30pm	Inauguration & Keynote Address	Dr. Rathna G.N. Principal Research Scientist, IISC, Bangalore
	Session - 2 1:30pm-3:30pm	Vector spaces and Dimensions of the four subspaces.	Dr. Saneesh Cleatus Thudiyil, Assoc. Prof. BMSIT, B'lore
Day - 2 (19/10/2022)		Industrial Visit to Indian Institute of Astrophysics, Gouribidanur	Dr. Barve Indrajit Vittal, Scientist M. Rajesh, JRF
Day - 3 (20/10/2022)	Session - 3 9:30am-12:30pm	Eigen Values & Eigen Vectors.	Dr. D S Swetha Professor, FES University, B'lore
	Session - 4 1:30pm-3:30pm	Time Domain representation of LTI System	Dr. K B Raja, Prof. & Chairman, Dept. of ECE, UVCE
Day - 4 (21/10/2022)	Session - 5 9:30am-12:30pm	Basic operations on Signals	Dr. H V Kumaraswamy Professor, RVCE, B'lore
	Session - 6 1:30pm-3:30pm	System Classification & Properties	Prof. Nagaraju P Assoc. Professor, RVCE, B'lore.
Day - 5 (22/10/2022)	Session - 7 9:30am-12:30pm	Hands-on Session, Practical Component of IPCC by Python	Dr B N Shobha Prof. & Head Dept. of ECE, SJCIT
	Session - 8 1:30pm-3:30pm	Valedictory Function	High Tea

**REGISTRATION FORM**

**5-Days Faculty Development Program  
on  
FUNDAMENTALS & APPLICATIONS OF  
BASIC SIGNAL PROCESSING**  
(As per revised NEP-VTU syllabus)  
**OCTOBER 18-22, 2022**

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Qualification: \_\_\_\_\_  
Department: \_\_\_\_\_  
Institution: \_\_\_\_\_  
Mobile No: \_\_\_\_\_  
Email-ID: \_\_\_\_\_  
UPI Transaction ID: \_\_\_\_\_  
Address for correspondence: \_\_\_\_\_

Signature of the Participant

**Sponsorship Certificate**

Dr/Mr/Mrs.....is a faculty of our Institution/College/University and is sponsored/permitted to attend 5-Days FDP on Fundamentals & Applications of Basic Signal Processing.

Signature of the Principal/  
Head of the Department with seal

Place:  
Date:  
Note: A photocopy of this form may be used.

**List of Participants attended for Faculty Development Programme on “Fundamentals & Applications of Basic Signal Processing held from 18<sup>th</sup> to 22<sup>nd</sup> October 2022**

SL.NO.	NAME OF THE FACULTY	DESIGNATION	COLLEGE
1	Nischitha K	Assistant Professor	PES College of Engineering
2	S.Jyothi	Assistant Professor	PESCE, Mandya
3	Jyothi M P	Assistant Professor	MRIT, Mysore
4	Dr. Rajesh L	Assistant Professor	East point CE, B'Lore
5	Asha Nataraja	Assistant Professor	EPCET
6	Surendiran.J	Assistant Professor	HKBKCE, B'lore
7	Dr.Mahesan KV	Assistant Professor	Dr.AIT, B'Lore
8	Gopalareddy	Assistant Professor	Acharya IT , Bangalore
9	Yashavanth T R	Assistant Professor	MRIT, Mysore
10	Dr.H.Venkatesh Kumar	Professor	NCET, B'Lore
11	Rakesh Rathod	Sr. software engineer	Ramaiya institute of technology
12	Pradeep Kumar S	Assistant Professor	NMIT, Bengaluru
13	Lavanya R	Assistant Professor	PESITM, B'Lore
14	Madhukar.B.N.	Assistant Professor	DR. SMCE, BANGALORE
15	Nataraja N	Assistant Professor	Atria IT, Bengaluru
16	Madhusudhan S	Assistant Professor	AIMES, Bidadi
17	Sushma TV	Assistant Professor	CMRIT, B'Lore
18	Sridevi S	Assistant Professor	CMRIT, B'Lore
19	Santosh Kumar S	Assistant Professor	SVCE, B'Lore
20	Niranjana Kumara M	Assistant Professor	GEC, Hassan
21	Dr Anitha T G	Professor	EWIT, B'Lore
22	Babitha S Ullal	Assistant Professor	EWIT, B'Lore
23	Praveen Kumar M S	Assistant Professor	JSSATE
24	Dr. Manjunath R C	Assistant Professor	GAT, B'Lore

25	Sukumar B S	Assistant Professor	CBIT, KOLAR
26	Manjesh N	Assistant Professor	RLJIT, Doddaballapur
27	Nandish N	Assistant Professor	RLJIT, Doddaballapur
28	Dr. Madhuchandra G	Assistant Professor	RLJIT, Doddaballapur
29	Dr B N Shobha	Professor & Head	SJC Institute of Technology
30	Dr. Nagendra Kumar M	Professor	SJC Institute of Technology
31	Dr S Bhargavi	Professor	SJC Institute of Technology
32	Ravi M V	Assistant Professor	SJC Institute of Technology
33	Dr Levy M	Professor	SJC Institute of Technology
34	Shwetha V	Assistant Professor	SJC Institute of Technology
35	Manjunatha S	Assistant Professor	SJC Institute of Technology
36	Madhukara S	Assistant Professor	SJC Institute of Technology
37	Kalaiah J B	Assistant Professor	SJC Institute of Technology
38	Anil Kumar R.	Assistant Professor	SJC Institute of Technology
39	Mohan Babu C	Assistant Professor	SJC Institute of Technology
40	Dr Bhaskar S	Professor	SJC Institute of Technology
42	Dr Sudhir P	Associate Professor	SJC Institute of Technology
43	Dr C Rangaswamy	Associate Professor	SJC Institute of Technology
44	Dr Pranjala Tiwari	Associate Professor	SJC Institute of Technology
45	Sri Ramu D S	Assistant Professor	SJC Institute of Technology
46	Savitha M M	Assistant Professor	SJC Institute of Technology
47	Rame Gowda M	Assistant Professor	SJC Institute of Technology
48	Ravi Kiran R	Assistant Professor	SJC Institute of Technology
49	Nirmaladevi A C	Assistant Professor	SJC Institute of Technology
50	Srivani E N	Assistant Professor	SJC Institute of Technology
51	Prasanna Kumar D C	Assistant Professor	SJC Institute of Technology
52	Vishala I L	Assistant Professor	SJC Institute of Technology
53	Veena S	Assistant Professor	SJC Institute of Technology
54	Manjula K	Assistant Professor	SJC Institute of Technology

55	Bhavana S	Assistant Professor	SJC Institute of Technology
56	Anitha C	Assistant Professor	SJC Institute of Technology
57	Chandini A G	Assistant Professor	SJC Institute of Technology
58	Shreehari H S	Assistant Professor	SJC Institute of Technology
59	Asharani M	Assistant Professor	SJC Institute of Technology
60	Santhosh G	Assistant Professor	SJC Institute of Technology
61	Dr Krushitha Shetty	Assistant Professor	SJC Institute of Technology

**IMAGE OF THE EVENTS:**

**Day – 1 (18/10/2022)**

Session-1 [09:30AM to 12:30PM]

Introduction and keynote address

Topic: Fundamentals of basic signal processing and its application

Dr. Rathna G.N.

Principal Research Scientist, IISC. Bangalore





**Day – 1 (18/10/2022)**

Session-2 [01:30PM to 03:30PM]

Dr Saneesh Cleatus Thudiyil

Associate professor

BMSIT, Bangalore.



**Day – 2 (19/10/2022)**

Session-1 & 2 [09:30AM to 03:30PM]

Dr B.Indrajit

Scienst, IIAP, Gauribidanur.

Mr.Girish,JRF, IIAP, Gauribidanur.

Industrial visit to Indian insistute of astrophysics, Gauribidanur.

As a part of the Faculty Development Program, the attendees of the FDP and space lab teammates headed to the Indian Institute of Astrophysics, Gauribidanur. The team left the college campus at 10:15 AM and reached the Indian Institute of Astrophysics, Gauribidanur at 12:30 PM. The ambience was filled with a lot of antennas from the entrance of the institute.



The team was welcomed there by Mr.Indrajit He explained the agenda for the day's event and served some beverages to the team. The team was made into 2 groups and taken to different sessions. The session 1 for both the teams were started at 1:00 PM.The first session for Team 1 was given by Mr.Girish, RF Engineer at IIAP, Gauribidanur. The session was mainly focused on the study of the heliogram array (T-shaped) which was spread out 3 KM east-to-west and 1 KM north-to-south. The discussion started with the team along with the guide taking a tour over the field with the log periodic dipole antenna, its advantages, which LPDA is chosen, directivity, and other related antenna parameters were discussed in the first part of session 1 for team 1. The second part of the discussion with team 1 was about how the LPDA is useful in receiving signals from the sun, why 30 MHz to 120 MHz frequency is being used, what is a geomagnetic field, interferometric mode,and seismology sensors. The third part of the discussion with team-1 was an interactive session. The faculty were enthusiastic about knowing about the process in detail and discussions were done about this. With this session-1 of team-1 was completed. Mr.Girish fed the team with diverse knowledge regarding space weather. The space lab team from DHRITVAN-Space lab collected a lot of inputs from the RF engineer.The session 2 completed at 2:15.The teams were asked to break for lunch.

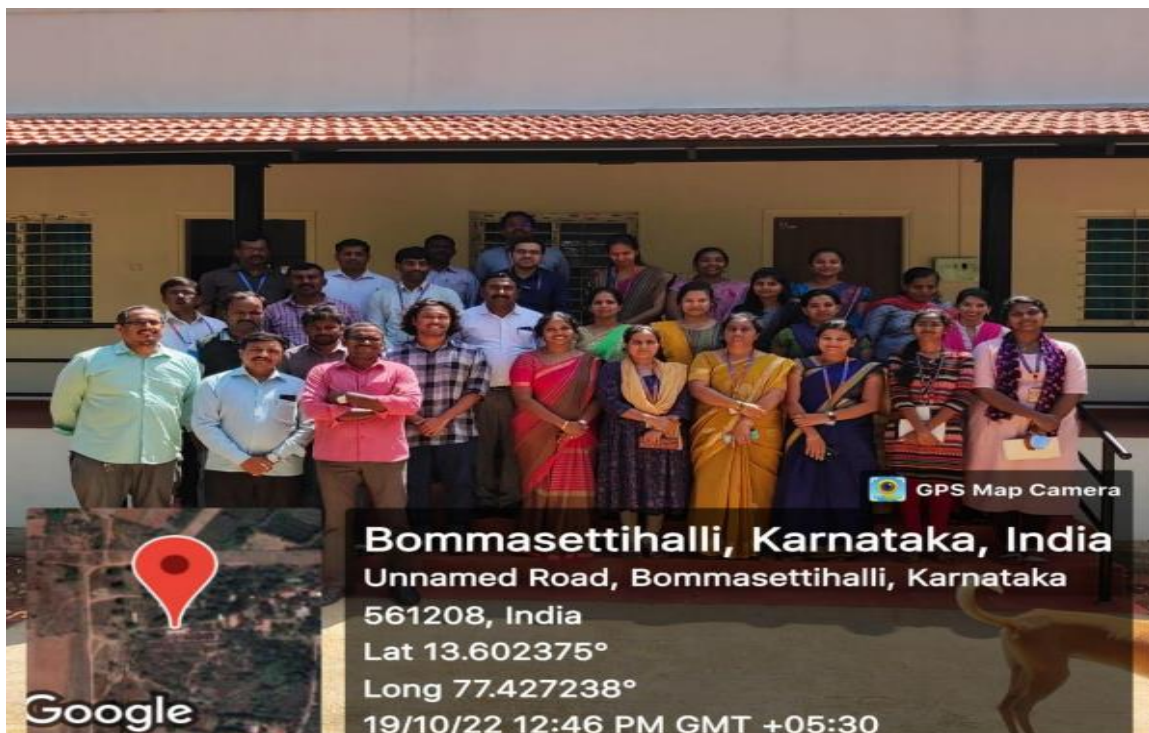




The session 2 started at 2:50 PM and ended at 3:50 PM The session 2 for team 1 was the same as session 1 of team 2(Sun study with Mr.Indrajit) and session 2 for team 2 was same as the session 1 of team 1(Antenna study with Mr.Girish).



The last part of the day's agenda was a group photo taken for documentation process.



**Day – 3 (20/10/2022)**

Session-3 [09:30AM to 12:30PM]

Dr D S Swetha

Professor

PES University, Bangalore.

Topic: Eigenvalues and Eigen vectors



**Day – 3 (20/10/2022)**

Session-4 [01:30PM to 03:30PM]

Dr. K B Raja

Professor, Department of ECE, UVCE, Bangalore.

Topic: Time domain representation of LTI system.



**Day – 4 (21/10/2022)**

Session-5 [09:30AM to 12:30PM]

Dr. H V Kumaraswamy

Professor, RVCE, Bangalore.

Topic: Basic operation on signals

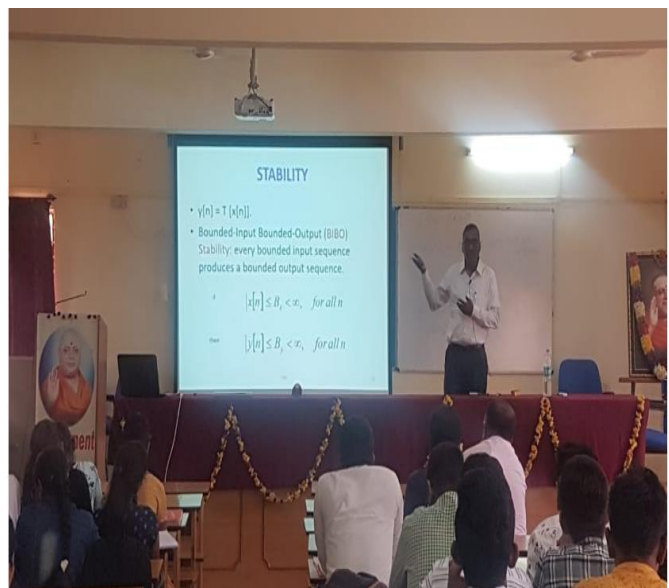


**Day – 4 (21/10/2022)**

Session-6 [01:30PM to 03:30PM]

Nagaraju P, Associate professor, RVCE, Bangalore.

Topic : System Classification and properties



**Day – 5 (22/10/2022)**

Session-7 [09:30AM to 12:30PM]

Dr B N Shobha

Professor and Head

Dept of ECE, SJCIT

Dr sudhir P

Associate Professor

Topic: Hands-on session on practical component of IPCC by python



**Day – 5 (22/10/2022)**

Session-8 [01:30PM to 03:30PM]

Validictory Function



**Feedback Report Analysis:**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Time	Participant	Institutor	The FDP	n	The speak	The FDP	w	The speak	The conte	FDP met	n	Overall	ex	Any suggestions							
2	2022/10/2	Dr. S. Bhar	S J C Instit	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
3	2022/10/2	Nataraja	h Atria insti	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
4	2022/10/2	Ravikiran	S J C Instit	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
5	2022/10/2	SUKUMAR	CBIT KOLA	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
6	2022/10/2	Chandini	S JCT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
7	2022/10/2	Santhosh	SJCT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
8	2022/10/2	Asha S	EP CET	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
9	2022/10/2	Babitha S	East West	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
10	2022/10/2	Anitha C	SJCINSTIT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
11	2022/10/2	Dr. RAJESH	East Point	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
12	2022/10/2	ASHARAN	SJCT Chic	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
13	2022/10/2	Gopalakri	K S SCHO	Agree	Strongly a	Strongly a	Strongly a	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
14	2022/10/2	MADHUK	Dr. SMCE	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree
15	2022/10/2	Dr Nagenc	SJC Instit	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
16	2022/10/2	Dr Anitha	EWIT	Agree	Agree	Agree	Agree	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
17	2022/10/2	Lavanya R	PESITM	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
18	2022/11/0	Shwetha	S J C Instit	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
19	2022/11/0	Bhavana S	SJCT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
20	2022/11/0	Madhukar	SJCT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
21	2022/11/0	E. N. SRIVA	SJCT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
22	2022/11/0	Mrs NIRM	SJCT CHIC	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
23	2022/11/0	G Santhos	SJCT	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
24	2022/11/0	MOHAN B	S J C Instit	Strongly a	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a
25	2022/11/0	Manjula K	SJC Instit	Agree	Strongly a	Strongly a	Strongly a	Strongly A	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a	Strongly a

**Certificate Distribution:**



