SJM Vidyapeetha ®

SJM INSTITUTE OF TECHNOLOGY

**(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi,
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Post box No. 73, NH-4, Bypass, Chitradurga - 577502, Karnataka**

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S J M INSTITUTE OF TECHNOLOGY

IETE

(Recognized by AICTE, New Delhi and Affiliated to Visvesvaraya Technological University, Belagavi)
NH-4 Bypass, P.B.No:73, CHITRADURGA -577502, Karnataka State.

Accredited with "B++ Grade"

IETE Students Forum (ISF)
(EEE, ECE & CSE)

A Report

on

2-day Hands-on training on

"Python, Coding & Robotics"

IETE STUDENT'S FORUM

For EEE, ECE & CSE Students

1

A

Report on

2-Day Hands-on Training on

"Python, Coding & Robotics"

Related to SDG No.(s) 4, 8, 9, 17

Organized by

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

SJMIT, CTA

In Association with IQAC,IETE,IIC

On

Date: 7ᵗʰ & 8ᵗʰ April, 2025

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Post box No. 73, NH-4, Bypass, Chitradurga - 577502, Karnataka

Title- 2-Day Hands-on Training on Python, Coding & Robotics

Date: 7th & 8th April 2025

Time of event: 10:00 am – 05:00 pm

Mode of event: Offline

Venue: SJM Institute of Technology, Chitradurga, Karnataka

Event Poster:

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Details of Program:

2-day hands-on training program focused on **Python, Coding, and Robotics** was Organized by **SJM Institute of Technology (SJMIT), Chitradurga**, and was held on the **7th and 8th of April 2025**. The program was designed to provide participants with practical exposure to programming and automation technologies, essential skills in the rapidly evolving tech industry.

Objective of Program:

The primary objectives of this training program were:

- To introduce students to **Python programming** through guided, hands-on practice.
- To develop students' **Problem-solving and logical thinking** abilities.
- To familiarize participants with the **Basics of robotics** and automation.
- To encourage **Interactive learning, collaboration**, and **Real-world application** of programming skills.

Participation

The training was open to students from various departments of SJMIT. A large number of students registered and actively participated across the two days. The event was well-received and catered to both beginners and those with some prior experience in coding.

Program Schedule and Content

Day 1 – 7th April 2025

Focus: Learning mBlock5 Software, Sprites & Introduction to Codey Rocky

- The day started with the inaugural session and welcome address.
- Students were introduced to mBlock5 software, the platform used for both block-based and Python coding.
- We began by learning how to move Sprites in different directions using code.
- After that, students created various animations using Sprites, such as character movement and background changes.
- As we moved ahead, students learned to make basic games by using multiple sprites, events, and logic blocks.
- In the second half, introduced Codey Rocky, an educational robot.
  - ➢ Students learned about the different components and sensors present in Codey Rocky such as LEDs, gyroscope, buttons, infrared sensor, etc.

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> We started coding with Codey Rocky for tasks like moving forward/backward and turning and did some fun activities using simple block-based programs.

Day 2 – 8th April 2025

Focus: Codey Rocky Coding & Introduction to mBot

- We continued with more advanced Codey Rocky projects.

  > Students did code for obstacle avoidance, line-following, and light-based movement.
  > They explored how Codey Rocky can interact with the environment using sensors.

- After completing Codey Rocky activities, we introduced the mBot, another interesting robot.

  > Students first explored the components and sensors used in mBot, including motors, ultrasonic sensors, and line-following sensors.
  > Then they moved on to coding the mBot using mBlock5.
  > Students programmed the mBot to perform tasks like line following, obstacle detection, and basic movement.

- The training ended with a mini-project session where students worked in teams to apply what they learned.
- Students also had a chance to demonstrate their projects, followed by feedback from mentors.
- The day concluded with a valedictory session and certificate distribution.

Resource Persons and Coordination

The event was conducted under the supervision and support of experienced academic and industry professionals. Their guidance ensured that students gained quality insights into the subject matter.

- **Dr. Bharat P B**, Principal, SJMIT

- **Dr. Sandeep Gandhi**, Registrar, Kalinga University

- **Col. N.C. Gupta**, Director, BDS Education

- **Dr. Vijayalaxmi Biradar**, Director IQAC, Kalinga University

- **Dr. Rajesh A M**, IQAC Coordinator, SJMIT

- **Dr. Siddesh K B**, HOD, ECE Department, SJMIT

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Program Outcome:

The training successfully met its learning objectives. The following outcomes were observed:

- Students gained **Hands-on experience** in Python programming.

- Introduction to **Robotics concepts** enhanced participants' understanding of automation.

- Students demonstrated **Teamwork** and creativity during project activities.

- All participants received a **Certificate of Appreciation** acknowledging their efforts

Conclusion

The 2-day hands-on training program on **Python, Coding & Robotics** proved to be an enriching and impactful initiative. It successfully blended theoretical understanding with practical implementation and served as an effective platform to enhance technical competencies among students.

Photo Gallery:

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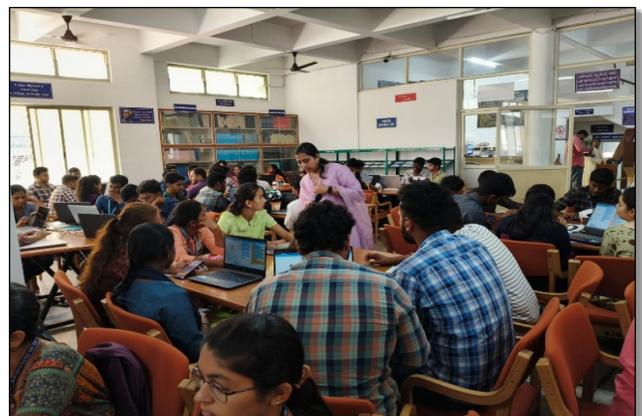**Post box No. 73, NH-4, Bypass, Chitradurga - 577502, Karnataka**

Glimpse of the Event

News Paper Coverage:

ಎಐ, ರೋಬೋಟಿಕ್ಸ್ ತಂತ್ರಜ್ಞಾನಕ್ಕೆ ಫೈಥಾನ್ ಕೋಡಿಂಗ್ ಸಹಾಯಕ

ಚಿತ್ರದುರ್ಗ: ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ಮತ್ತು ರೋಬೋಟಿಕ್ಸ್ ತಂತ್ರಜ್ಞಾನಕ್ಕೆ ಫೈಥಾನ್ ಕೋಡಿಂಗ್ ಸಹಾಯಕವಾಗಲಿದೆ ಎಂದು ಎಸ್‌ಜೆಎಂಐಟಿ ಕಾಲೇಜು ಪ್ರಾಚಾರ್ಯ ಡಾ.ಪಿ.ಬಿ. ಭರತ್ ಹೇಳಿದರು. ಕಾಲೇಜಿನಲ್ಲಿ ಆಯೋಜಿಸಿರುವ ಫೈಥಾನ್ ಕೋಡಿಂಗ್ ಮತ್ತು ರೋಬೋಟಿಕ್ಸ್ ಕುರಿತ ಎರಡು ದಿನಗಳ ತರಬೇತಿ ಕಾರ್ಯಾಗಾರಕ್ಕೆ ಸೋಮವಾರ ಚಾಲನೆ ನೀಡಿ ಮಾತನಾಡಿದರು.

ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ಎಲ್ಲ ಕ್ಷೇತ್ರಗಳಿಗೂ ವ್ಯಾಪಿಸುತ್ತಿದೆ. ಈಗಾಗಲೇ ಪಠ್ಯದಲ್ಲಿ ಕಲಿಯುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಈ ಕಾರ್ಯಾಗಾರ ಉತ್ತಮ ಅವಕಾಶ ಒದಗಿಸಿದೆ ಎಂದರು. ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿ ಛತ್ತೀಸ್‌ಗಢದ ರಾಯಪುರ್‌ನ ಕಲಿಂಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಐಕ್ಯೂಎಸಿ ನಿರ್ದೇಶಕಿ ಡಾ. ವಿಜಯಲಕ್ಷ್ಮೀ ಬಿರಾದಾರ್ ಮಾತನಾಡಿ, ಈ ಕಾರ್ಯಾಗಾರ ಮಾಹಿತಿ ಮತ್ತು ಮನರಂಜನೆಯ ಸಂಯೋಜನೆಯಾಗಿದೆ. ಫೈಥಾನ್ ಕೋಡಿಂಗ್ ಮತ್ತು ರೋಬೋಟಿಕ್ಸ್ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ತಮ್ಮ ಕೌಶಲ ವೃದ್ಧಿಸಿಕೊಳ್ಳಲು ಇದು ಉತ್ತಮ ವೇದಿಕೆಯಾಗಿದೆ ಎಂದರು. ಕಾಲೇಜಿನ ವಿವಿಧ ವಿಭಾಗಗಳ ಮುಖ್ಯಸ್ಥರಾದ

ಡಾ.ಬಿ.ಜಿ. ಕುಮಾರಸ್ವಾಮಿ, ಡಾ.ಕೆ.ಬಿ. ಸಿದ್ದೇಶ್, ಡಾ.ಕೆ.ಆರ್. ಕೃಷ್ಣಾರೆಡ್ಡಿ, ಐಕ್ಯೂಎಸಿ ಸಂಚಾಲಕ ಡಾ.ಎ.ಎಂ. ರಾಜೇಶ್, ಡೀನ್–ಅಕಾಡೆಮಿಕ್ ಡಾ.ಎಸ್. ಪಿ. ಮಂಜುನಾಥ್, ಕಾರ್ಯಕ್ರಮ ಸಂಚಾಲಕರಾದ ಪ್ರೊ.ಟಿ. ತನುಜಾ, ಪ್ರೊ. ಎಸ್. ಚೇತನ್, ಪ್ರೊ. ಸುಷ್ಮಿತಾ ದೇಬ್, ಪ್ರೊ. ಮುಕ್ತಾಯಕ್ಕ ಆರ್.ದೇಸಾಯಿ ಇದ್ದರು. ಪಿ.ಕೆ. ಪ್ರಣತಿ ಪ್ರಾರ್ಥಿಸಿದರು. ಆರ್. ರಕ್ಷಿತಾ ಸ್ವಾಗತಿಸಿದರು. ಕೇಸರ್ ಮಲನ್, ಬಿ.ಬಿ. ಹಾಜಿರಾ ನಿರೂಪಿಸಿದರು.

ಸಾಧಕನಿಗೆ ಗುರಿ, ಛಲ ಅಗತ್ಯ

ಚಿತ್ರದುರ್ಗ: ಮನುಷ್ಯ ಸಾಧಕನಾಗಲು ಗುರಿ ಮತ್ತು ಛಲ ಅವಶ್ಯಕ ಎಂದು ತರಳಬಾಲು ವಿದ್ಯಾಸಂಸ್ಥೆ ಆಡಳಿತಾಧಿಕಾರಿ ಎಚ್.ವಿ. ನಾಮದೇವಪ್ಪ ಹೇಳಿದರು. ದಾವಣಗೆರೆ ವಿನ್ನರ್ಸ್ ಕೆರಿಯರ್ ಅಕಾಡೆಮಿ, ಕಬ್ಬೂರ್ ಅಕಾಡೆಮಿ ಹಾಗೂ ಸಮಾಜ ಕಲ್ಯಾಣ ಇಲಾಖೆಯಿಂದ ಹೊಳಲ್ಕೆರೆ ತಾಲೂಕು ಮಲ್ಲಾಡಿಹಳ್ಳಿ ಅನಾಥ ಸೇವಾಶ್ರಮದಲ್ಲಿ ಮಂಗಳವಾರ ಹಮ್ಮಿಕೊಂಡಿದ್ದ ಪೊಲೀಸ್ ಕಾನ್ಸ್ಟೇಬಲ್ ವಸತಿಯುತ ಪರೀಕ್ಷಾ ಪೂರ್ವ ತರಬೇತಿಗೆ ಆಯ್ಕೆಗೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮವಸ್ತ್ರ ಹಾಗೂ ಅಧ್ಯಯನ ಸಾಮಗ್ರಿ ವಿತರಣೆ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಮಾತನಾಡಿದರು. ಸ್ಪರ್ಧಾತ್ಮಕ ಪರೀಕ್ಷೆ ಯಶಸ್ಸಿಗೆ ಸತತ ಪ್ರಯತ್ನ ಅತೀ ಮುಖ್ಯ ಎಂದು ತಿಳಿಸಿದರು. ಕಾರ್ಯಕ್ರಮ ಉದ್ಘಾಟಿಸಿದ ಚಿಕ್ಕಜಾಜೂರು ಪೊಲೀಸ್‌ಠಾಣೆ ಸಬ್ ಇನ್ಸ್ಪೆಕ್ಟರ್ ಕೆ. ನೇತ್ರಾವತಿ ಮಾತನಾಡಿ, ಸಮಾಜ ಕಲ್ಯಾಣ ಇಲಾಖೆ ಸವಲತ್ತುಗಳನ್ನು ಸದುಪಯೋಗ ಪಡಿಸಿಕೊಂಡು ಅಧ್ಯಯನಶೀಲರಾದಾಗ ಮಾತ್ರ ಉನ್ನತ ಸ್ಥಾನ ಪಡೆಯಲು ಸಾಧ್ಯ ಎಂದರು.

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Students Attendance

Sl No.	Student Name	USN	Branch & Sem	Signature
1.	Amrutha C M	4SM23CS008	CS&E, 4th Sem	Amurtha.C.M
2.	Anusha R H	4SM23CS010	CS&E, 4th Sem	Anusha
3.	Anushree P M	4SM23CS011	CS&E, 4th Sem	Anush
4.	Arpitha R	4SM23CS012	CS&E, 4th Sem	Arpitha.R
5.	Bhavanashree S	4SM23CS014	CS&E, 4th Sem	Bhavana
6.	Chaitra B	4SM23CS015	CS&E, 4th Sem	Chaitra.B
7.	Chaitra Jagadish Badegondra	4SM23CS016	CS&E, 4th Sem	CJB..
8.	Chaitra Suresh Arikatti	4SM23CS017	CS&E, 4th Sem	CA
9.	Chandana S R	4SM23CS018	CS&E, 4th Sem	SR
10.	Jayanth S P	4SM23CS040	CS&E, 4th Sem	Jayp
11.	K S Kishan	4SM23CS042	CS&E, 4th Sem	Kithor
12.	Kavana K	4SM23CS045	CS&E, 4th Sem	kavonak
13.	Kusuma M	4SM23CS047	CS&E, 4th Sem	kusuma.A
14.	Lakshmana N	4SM23CS048	CS&E, 4th Sem	Laxman
15.	Megha Manjappa Mogali	4SM23CS051	CS&E, 4th Sem	Meg
16.	Minal RS Gowda	4SM23CS054	CS&E, 4th Sem	Minal.R.SGowda
17.	Mohammed shafiq J C	4SM23CS058	CS&E, 4th Sem	
18.	Nandini G R	4SM23CS063	CS&E, 4th Sem	Nand
19.	Preethi V M	4SM23CS074	CS&E, 4th Sem	Preethi

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20.	Shreyas B Acharya	4SM23CS088	CS&E, 4ᵗʰ Sem	
21.	Sirisha D	4SM23CS092	CS&E, 4ᵗʰ Sem	
22.	T M Rithin	4SM23CS105	CS&E, 4ᵗʰ Sem	
23.	Ummar Farukh	4SM23CS109	CS&E, 4ᵗʰ Sem	
24.	V Tejaswini	4SM23CS111	CS&E, 4ᵗʰ Sem	
25.	Vikas	4SM23CS117	CS&E, 4ᵗʰ Sem	
26.	Vaishnavi R Kattimani	Lateral Entry	CS&E, 4ᵗʰ Sem	
27.	Vidya M V	Lateral Entry	CS&E, 4ᵗʰ Sem	

HOD

**HOD
Department Of Computer Science
SJMIT Chitradurga**

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SL NO	NAME	USN	Branch & Sem	SIGN
1	GOVARDHAN.R	4SM22EC017	Electronics & Communication 4th sem	Govardhan.R
2	ABHIGNANA SAMSKRUTHI T R	4SM23EC002	Electronics & Communication 4th sem	A.T.R
3	AKASH.H	4SM23EC008	Electronics & Communication 4th sem	Akash.H
4	AKSHAYA LAD.P	4SM23EC009	Electronics & Communication 4th sem	Akshaya lad.P
5	AMRUTHA.T	4SM23EC011	Electronics & Communication 4th sem	Amrutha.T
6	ANANYA D C	4SM23EC012	Electronics & Communication 4th sem	Ananya.D.C
7	ANANYA M	4SM23EC013	Electronics & Communication 4th sem	Ananya.M.
8	ANUSHA B A	4SM23EC017	Electronics & Communication 4th sem	Anusha.B.A
9	ANUSHA.R.S	4SM23EC018	Electronics & Communication 4th sem	Anusha.R.S
10	BHARGAVARAM D S	4SM23EC020	Electronics & Communication 4th sem	Bhargavaram
11	BHARGAVI E	4SM23EC021	Electronics & Communication 4th sem	Bhar
12	BHAVANI KERELLI	4SM23EC022	Electronics & Communication 4th sem	Bhavani
13	CHANDANA. R. S.	4SM23EC027	Electronics & Communication 4th sem	Chandana.R.S
14	CHETAN P	4SM23EC026	Electronics & Communication 4th sem	Chetan.P
15	DEEKSHA M U	4SM23EC029	Electronics & Communication 4th sem	Deeksha
16	GD RACHANA	4SM23EC036	Electronics & Communication 4th sem	G.D.Rachana.
17	GANESH.R	4SM23EC037	Electronics & Communication 4th sem	Ganesh.R
18	HAMSA K G	4SM23EC038	Electronics & Communication 4th sem	Ham

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19	JAGADEESHA B S	4SM23EC042	Electronics & Communication 4th sem	Jagadeesha.Bs
20	KAVANA .B	4SM23EC044	Electronics & Communication 4th sem	Kavana.B
21	MESTHATEJASWINI MOHAN	4SM23EC054	Electronics & Communication 4th sem	Ajay M.
22	MOHAMMAD JAWAD	4SM23EC055	Electronics & Communication 4th sem	JAWAD
23	MOHAN R B	4SM23EC056	Electronics & Communication 4th sem	Mohan R.O
24	NANDITHA R	4SM23EC058	Electronics & Communication 4th sem	Nanditha.R.
25	NAZREEN FATHIMA	4SM23EC060	Electronics & Communication 4th sem	Nazreen Fathima
26	NITHISH D T	4SM23EC064	Electronics & Communication 4th sem	Nitish D.T
27	RAKSHITHA N M	4SM23EC072	Electronics & Communication 4th sem	N.M.Rakshitha.
28	RASHMI S .	4SM23EC074	Electronics & Communication 4th sem	Rashmi
29	RITU M R	4SM23EC076	Electronics & Communication 4th sem	Ritu.M.R
30	SAHANA T N	4SM23EC077	Electronics & Communication 4th sem	Sahana.TN
31	SAKSHI C	4SM23EC078	Electronics & Communication 4th sem	Sakshi.C
32	SANJANA S	4SM23EC079	Electronics & Communication 4th sem	Sanjana-s
33	SHAMBHAVI B H	4SM23EC080	Electronics & Communication 4th sem	Shambhavi.B-H
34	SPOORTHI T N	4SM23EC084	Electronics & Communication 4th sem	Spoorthi
35	VARSHITHA S	4SM23EC090	Electronics & Communication 4th sem	Varshitha-s
36	YASHWANTH S	4SM23EC093	Electronics & Communication 4th sem	yashwanth s
37	BASANAGOUDA VEERANAGOUDA LINGANAGOUDRA	4SM24EC400	Electronics & Communication 4th sem	Basanna gowda
38	GAGANA M K	4SM24EC401	Electronics & Communication 4th sem	Gagana M.K
39	GUNDE GOWDA H R	4SM24EC402	Electronics & Communication 4th sem	GundeGowda.H.R
40	MANASA K M	4SM24EC405	Electronics & Communication 4th sem	Manasa K.M
41	SUHEEL KHANAM R	4SM24EC408	Electronics & Communication 4th sem	Suheel Khan M.R
42	VINAY KUMAR J	4SM24EC410	Electronics & Communication 4th sem	Vinay Kumar J

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Students Attendance Sheet

SL. No.	Student Name	USN	Branch & Sem	Signature
1.	AISHWARYA H S	4SM23EE003	EEE, 4th Sem	
2.	AISHWARYA N	4SM23EE004	EEE, 4th Sem	
3.	ANUSHA.M	4SM23EE005	EEE, 4th Sem	
4.	APPU. B	4SM23EE006	EEE, 4th Sem	
5.	BHOMIKA U	4SM23EE009	EEE, 4th Sem	
6.	BI BI HAJIRA	4SM23EE010	EEE, 4th Sem	
7.	CHAITRA S	4SM23EE012	EEE, 4th Sem	
8.	KAVANA N PATRI	4SM23EE016	EEE, 4th Sem	
9.	MANDARA K	4SM23EE018	EEE, 4th Sem	
10.	MARUTHI K	4SM23EE019	EEE, 4th Sem	
11.	NANDINI M R	4SM23EE020	EEE, 4th Sem	
12.	RACHANA M P	4SM23EE025	EEE, 4th Sem	
13.	TASMIYA.Z	4SM23EE032	EEE, 4th Sem	
14.	USHA .N	4SM23EE034	EEE, 4th Sem	
15.	DHANUSH G S	4SM24EE400	EEE, 4th Sem	
16.	MANOJ K S	4SM24EE404	EEE, 4th Sem	
17.	LATHA BAI M	4SM24EE403	EEE, 4th Sem	
18.	HARSHITHA N	4SM24EE402	EEE, 4th Sem	
19.	SHIVAKUMARA A E	4SM24EE407	EEE, 4th Sem	
20.	VARSHA VEERANNAKUMBAR	4SM23EE035	EEE, 4th Sem	

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21.	VENKATESH C Y	4SM23EE036	EEE, 4th Sem	
22.	HAMSA P	4SM23EE014	EEE, 4th Sem	*Hamsa.P*
23.	SYEDA SAMREEN	4SM23EE031	EEE, 4th Sem	*Samreen*
24.	THARUN KUMAR NAIK D	4SM24EE408	EEE, 4th Sem	*Tharun*
25.	NITHIN R	4SM24EE405	EEE, 4th Sem	*Nithin*
26.	JASHWANTH N	4SM23EE015	EEE, 4th Sem	*Jashwanth-N*
27.	SHREYA D	4SM23EE027	EEE, 4th Sem	*Shreya.D.*

HOD
Head Of The Dept.
Electrical and Electronics Engg.
S.J.M.I.T Chitradurga - 577502.

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Feedback Analysis regarding
Two days Hands on Training on
'Python, Coding & Robotics'

Date: 07.04.2025 & 08.04.2025
Organized by:
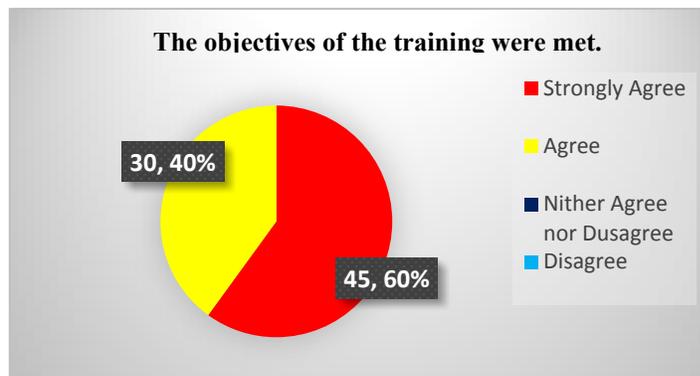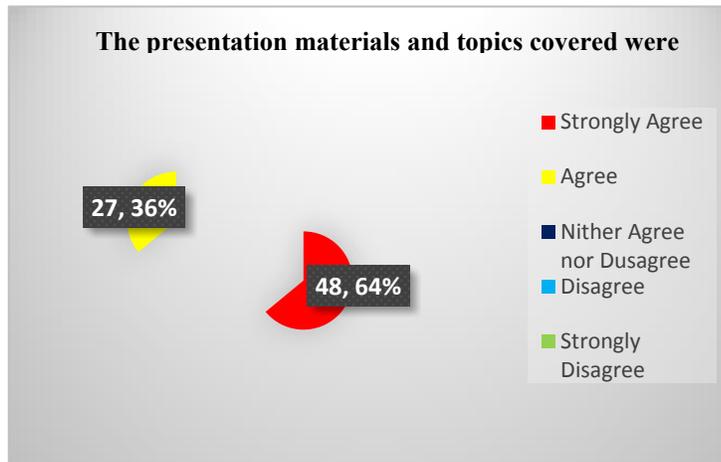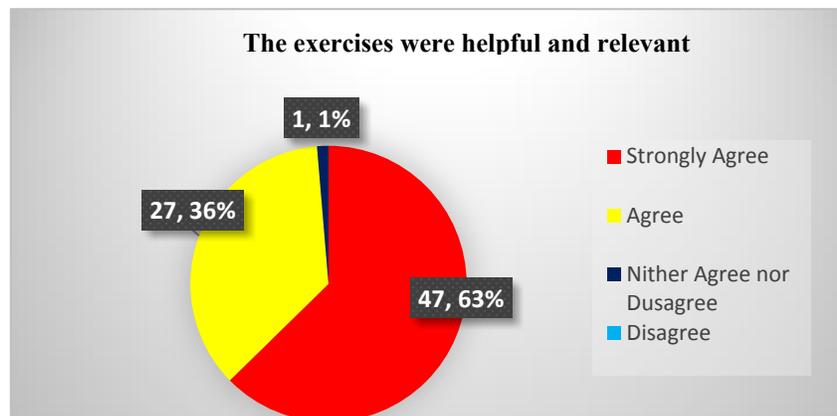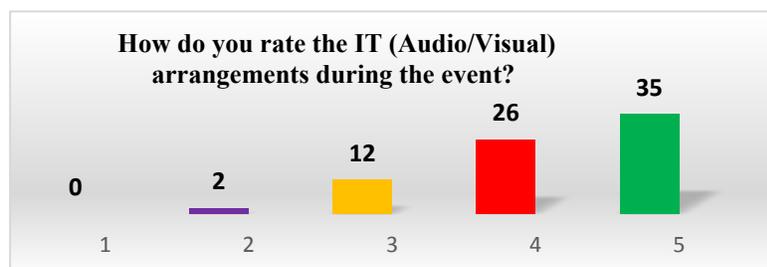**Venue: SJM Institute of Technology, Chitradurga, Karnataka**
Time: 10:00 AM – 5:00 PM

- **Mode of the Program – Offline**
- **Resource Person – Dr. Vijayalaxmi Biradar, Director IQAC, Kalinga University, Naya Raipur**

1. **How will you rate the ease of registration process of the training program? (1= Poor, 2= Satisfactory, 3= Good, 4= Very Good, 5=Excellent)**
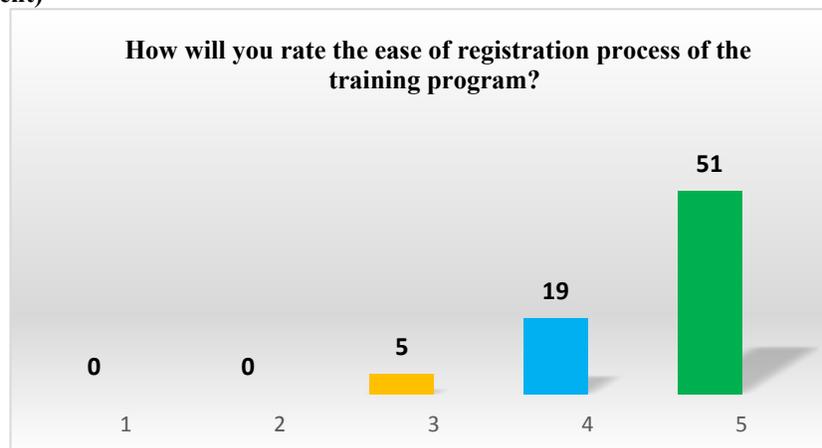
2. **The objectives of the training were met**

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3. The presentation materials and topics covered were relevant

The presentation materials and topics covered were

27, 36%

48, 64%

- Strongly Agree
- Agree
- Nither Agree nor Dusagree
- Disagree
- Strongly Disagree

4. The exercises were helpful and relevant

The exercises were helpful and relevant

1, 1%

27, 36%

47, 63%

- Strongly Agree
- Agree
- Nither Agree nor Dusagree
- Disagree

5. How do you rate the IT (Audio/Visual) arrangements during the event? (1= Poor, 2= Satisfactory, 3= Good, 4= Very Good, 5=Excellent)
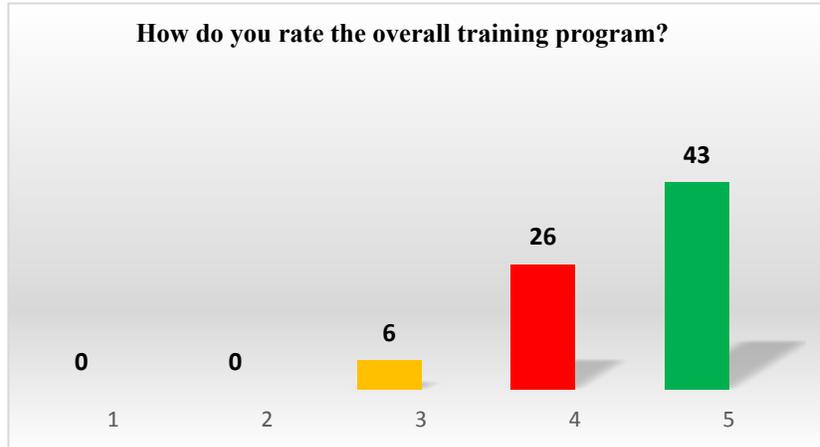
How do you rate the IT (Audio/Visual) arrangements during the event?

1	2	3	4	5
0	2	12	26	35

16

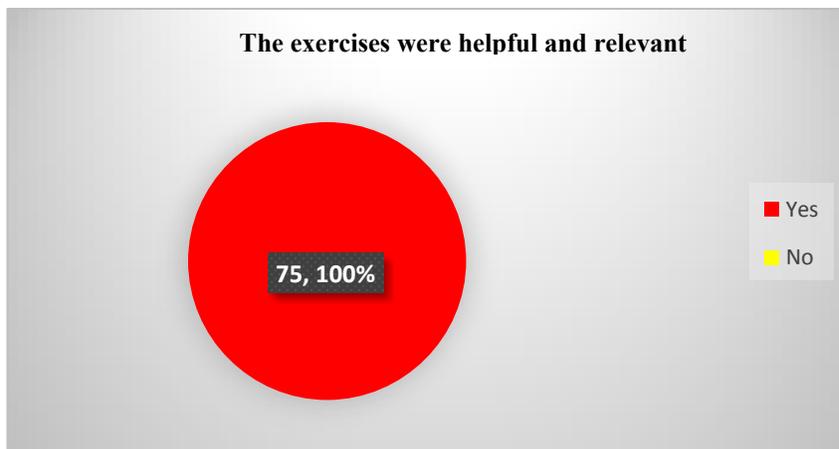**SJM Vidyapeetha ®**

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6. How do you rate the overall training program? (1= Poor, 2= Satisfactory, 3= Good, 4= Very Good, 5=Excellent)
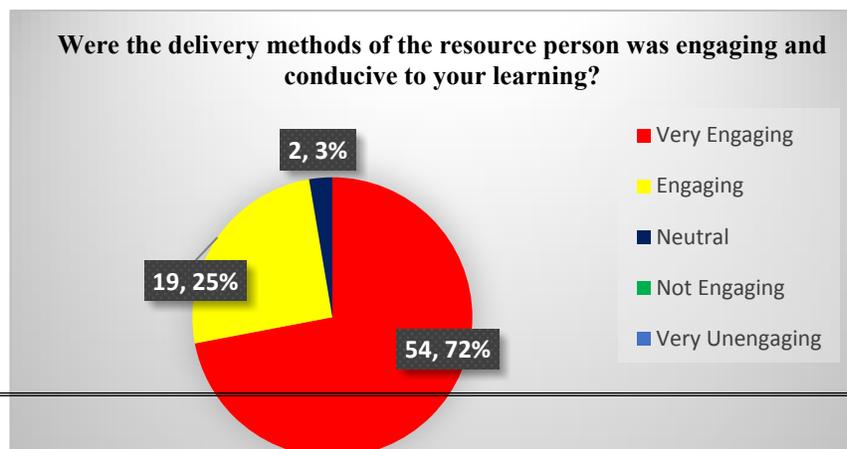
How do you rate the overall training program?

Rating	1	2	3	4	5
Count	0	0	6	26	43

7. Do you want this lab to be set-up at your institution?

The exercises were helpful and relevant

75, 100%

- Yes
- No

Feedback on Resource Person: Dr. Vijayalaxmi Biradar

a. Were the delivery methods of the resource person was engaging and conducive to your learning?

Were the delivery methods of the resource person was engaging and conducive to your learning?

- Very Engaging
- Engaging
- Neutral
- Not Engaging
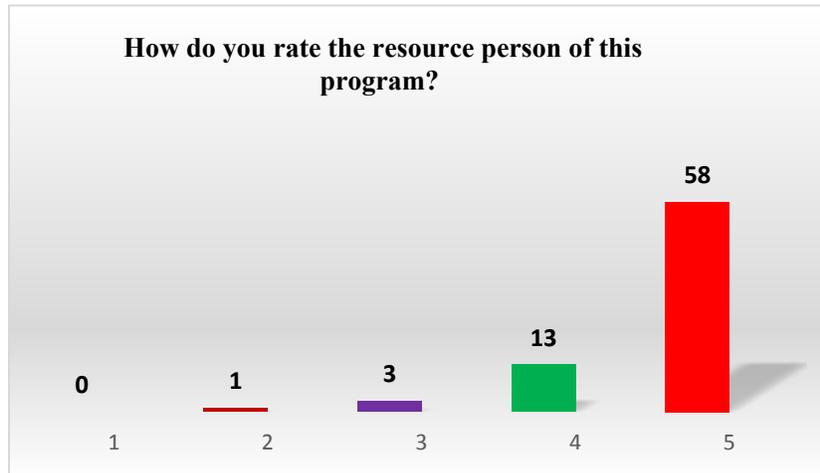- Very Unengaging

2, 3%
19, 25%
54, 72%

17

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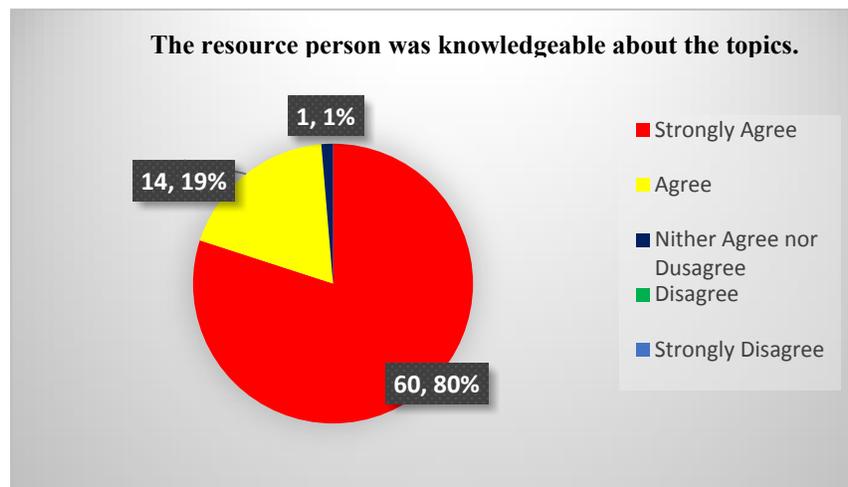
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b. How do you rate the resource person of this program? (1= Poor, 2= Satisfactory, 3= Good, 4= Very Good,   5=Excellent).

How do you rate the resource person of this program?

0	1	3	13	58
1	2	3	4	5

c. The resource person was knowledgeable about the topics.

The resource person was knowledgeable about the topics.

- Strongly Agree — 60, 80%
- Agree — 14, 19%
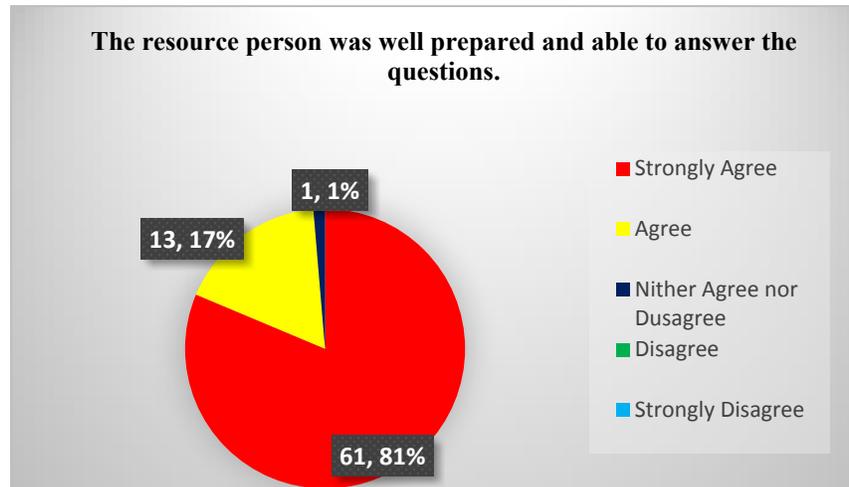- Nither Agree nor Dusagree — 1, 1%
- Disagree
- Strongly Disagree

d. The resource person was well prepared and able to answer the questions.

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The resource person was well prepared and able to answer the questions.

- 1, 1%
- 13, 17%
- 61, 81%

Legend: Strongly Agree / Agree / Nither Agree nor Dusagree / Disagree / Strongly Disagree

Topic covered:

- Codey Rocky, Robot, Hello Code, Cyber Pi, MBot.
- Programming.
- Emotion using Codey Rockey motion sensor object sensor, color detection, voice recording using cyber pi, location and temperature sensing, Mbot, halo code.
- Python coding uses blocks of code.
- Based on Codey Rockey, M Bot, Halo Code, Cyber Pi.
- Python Coding, Robotics, Codey Rockey, M Bot Halo Code.
- Codey Rockey, Colors Coding Display.
- Block coding and Robotics.
- Yes, many of the topics covered are Codey Rockey, M Bot, Halo Code, Cyber Pi
- Scratch, M block Software, M Bot coding, Cyber Pi Coding, Codey Rockey, Halo Code, both hardware connections and software design.
- Operation on Codey Rockey., Operation on Cyber Pi, Operation on halo Code and M Bot.

8. What did you like the most about the training?

- Working with Codey Rocky, Robot, Hello Code, Cyber Pi, Mbot.
- The exercises.
- We are asking the trainer to solve the problem.
- Mini robot and training in coding.
- Personally, engaging in the session and a good group discussion.
- We were able to get the Hands-on training experience about robotics.
- Mam friendly nature and the way mam teach is experiment.
- The hands-on experience on robotics using a Mblocks.
- I like Codey rocky
- Robots and the topic they covered.
- We were able to know how the basic robots which the resource person brought work.
- Teamwork, fun in learning and group discussion application of robotics.

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- Application of the codes and working of the robots.
- Robotics features like sensors, IoT, in Codey Rockey
- The team discussion about the training problems. Problems solving with others discussion.
- All Sessions.
- Colors, Coding, Cyber Pi
- Codey Rockey and Coding Color Display.
- The overall training session is good.
- I like Robots and M Block coding
- The practical application of knowledge, the development and problems Solving skills.
- Robotics and Codey Rockey Part.
- The Codey Rockey machine has been handed to us to see the operation.
- We like teaching of Madam, because she personally make us understand concepts.
- Like hands on experience on the Robots and equipment.
- Basic and Broad information about Robotics practical.
- This workshop makes us to know what is actually the team work is?

9. **Please list 2-3 key learnings from the training.**
- Learning about Codey Rocky is very good. Learning how to be coding about Codey Rocky & MBOT.
- Learn about block-based coding.
- Learning about code blocks.
- Working with Codey Rocky, Hello Code, Cyber Pi.
- We learn many things by enjoying training and experiencing a lot of things.
- Coding Idea.
- Analysis of robotic parts.
- Coding idea,
- Group discussion.
- Analysis of robotic parts.
- Hands on training experience.
- About cyber-Pi
- Gaining coding by the available sensors and actuators.
- Experiencing unknown things.
- Gained hands on experience with based program.
- I learn how to code for robots, and I learn about so many devices that are used for the functioning of robots.
- Playing with robots.
- How robots work and command, how sensors work.
- Block Code, Knowledge above hardware device.
- Group discussion is good for learning, learning from others.
- This training lot of helpful and useful.
- Codey Rockey and Colors coding
- No knowledge about Robotics automation the training lot of helpful and useful.
- Coding, Robotics, M-Bot
- How to control Robot using simple program.
- Learn about Robots, learn about block program.
- Technical Skills, Microcontroller Programming, Coding Fundamental, Sensor integration.

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- The workshop found to be informative and provide specific hand on skill.
- This training made us to learn about Coding and Robotics make us to learn new Technology.
- Team Collaboration and integration, interaction of software with hardware.
- Problem solving Robotics information about Robotics and practical.
- Gain a basic understanding of coding problems solving understanding control system.
- Team work, Problem solving, Practical experience through hands-on learning.

10. Please share your experience with this training.

- It is helpful.
- It was fun doing the block coding with robot and meeting new friends through this.
- Very good.
- Good experience.
- Training helps to gain good knowledge about coding and robotics.
- First of all, thank you mam, this training very helpful in my carrier and major project.
- It was very helpful and easy to understand.
- It helps me to understand the basics of robotics & coding in a fun & engaging way.
- I feel like it is so interesting to learn about this robot.
- Good but still we need more interesting and extra days, 2 days is not enough.
- I love to know how we can run robots using python language.
- It's very helpful we enjoy learning.
- Attending this workshop we got a good experiment.
- Attend first workshop I will tell next time.
- On of the interesting and fascinating workshop.
- It was a unique and nice experience since the resource person knowns natural language it was easy to communicate.
- The robotics workshop was good & easy to understand.
- I learned a lot about robots and how they work
- The resource person was
- Good experience
- Good
- Useful and Helpful
- Overall training program is very good.
- Useful and Helpful valuable Robotics training lot of helpful for projects.
- The overall experience is good.
- The experience was very good. But 1000 is very costly. Please reduce it.
- Good experience about this program.
- There would be a strong experiment we would likely be encouraged to try different configurations, Sensor, Placements and coding approaches.
- Good experience and informative.
- I learned from this training more knowledge.
- We got good experience form this workshop.
- It is good experience, we perform well all the topics.
- I felt very exited while using the Robots and it was great experience with Robots using code.
- It is wonderful experience to work with random teams and learn exiting methods and technology.
- Working with new team

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- Good engaging and well informative.
- The training went well. I gained new tools and information that helped me enhance my knowledge.
- A good training session which is engaging interactive and focused on delivering practical knowledge and skills.
- Very helpful the knowledge and achievement ma'am have is so inspiring.

11. **Would you recommend this training to your friends? Yes/No, why?**

- Yes, Skill Improvement.
- Yes, The training session way useful.
- Yes, we learn.
- Yes, Lot of things has been learned.
- Yes, because this training session is useful for our friends.
- Yes, because it very helpful and supporting and strongly recommended
- Yes, because it is very knowledgeable and skilled workshop to my friends.
- Yes, because it's a great way to get introduced to robotic and coding.
- Yes, but it less we need more about other device.
- Yes, because of the quality of teaching.
- Yes, it is useful
- It is require for the our future jobs.
- Yes, Recommend this training to my friend.
- Yes, it is more helpful to our future to make bright.
- Yes, because it is very helpful.
- Yes, because most advance knowledge and valuable.
- Yes, because our friends missed lot of Robotics live work.
- Yes, it is very interesting to work and perform experiments.
- Yes, I will recommend my friends to attend training programs like this, it will be very excited and will get good experience for new friends.
- Yes, because they can interact with other and exhibit their skill using given resources.
- Yes, it was interesting and real time experience.
- Yes, because this workshop hand us that how coding can bring our ideas to reality.

12. **Any suggestions/remarks.**
- No.
- Conduct more programs.
- No suggestion.
- No remarks.
- The training was well organized. It would be even better it more time wall allocated for hand – on practice & project.
- Nothing just continues this good job.
- Equipment's should be more number of the days should be more.
- Using python instead of using blocks of code so that we will be able to be aware of some difficulties and solve them.
- Using python rather than basic block codes is more effective.
- Building the basic robots on outer own and then testing them would be more effective.
- To connect the robots by step by step.
- The teaching is good but the setup mode by the institute is not good.
- To provide robots to every student instead of giving in group.
- Power should be supplied to PPT & microphone continue.

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- Nothing.
- It is good experience for me
- Overall is very good
- Overall feedback is very good.
- Overall Robotics training was very good.
- Please extend the workshop days 2 days are not satisfied to learn properly.
- No suggestions overall good.
- That my questions it to extend of day of workshop only few thinks can learn in 2 days.
- Good training learning and all good basic training.
- Please extend this program to 2 days.
- Please try to conduct the updated program of this session's one in a year.
- Please try to conduct like these training programs twice in a semester.
- I request please give robots for each groups.