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LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)
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An ISO 21001:2018,14001:2015,50001:2018 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

REPORT on "PYTHON CODESPRINT – A 2-HOUR PYTHON CODING CHALLENGE"

Name of the Event	Python CodeSprint – A 2-Hour Python Coding Challenge
Organising Department	Department of Computer Science & Engineering
Date	3 October 2026
Time	2:00 PM to 4:00 PM
Venue	CSE Computer Labs
Eligibility	CSE students
Convenor	Dr. S. Nagarjuna Reddy, Professor & HOD, Department of CSE
Student Coordinators	Sayyad Mazahar Mehadi (III CSE-A); Kalva Reshmitha (III CSE-D)
Faculty Coordinators	Dr. G. Minni; Dr. K. Venkat Rao; Ms. T. Vineetha; Mrs. N. V. Padmavathi; Mrs. D. Jyothi; Mrs. K. Naga Rajeswari



1. Objective of the Event

The event was organised to strengthen students' Python programming skills, logical thinking, debugging ability and problem-solving skills through a time-bound, hands-on coding challenge. It also aimed to encourage students to apply programming concepts to practical, real-world scenarios.

2. Event Proceedings

Python CodeSprint was scheduled as a two-hour coding activity from 2:00 PM to 4:00 PM in the CSE Computer Labs. The event format consisted of three rounds designed to assess participants' programming knowledge and coding ability.

Round	Duration	Activities
Round 1 – Python QuickFire	10 minutes	Multiple-choice questions (MCQs) and output prediction to assess Python fundamentals.
Round 2 – Bug Busters	40 minutes	Debugging Python programs and identifying and correcting errors.
Round 3 – Python Code Challenge	60 minutes	Solving 4–5 programming problems based on real-world scenarios.

3. Learning Outcomes

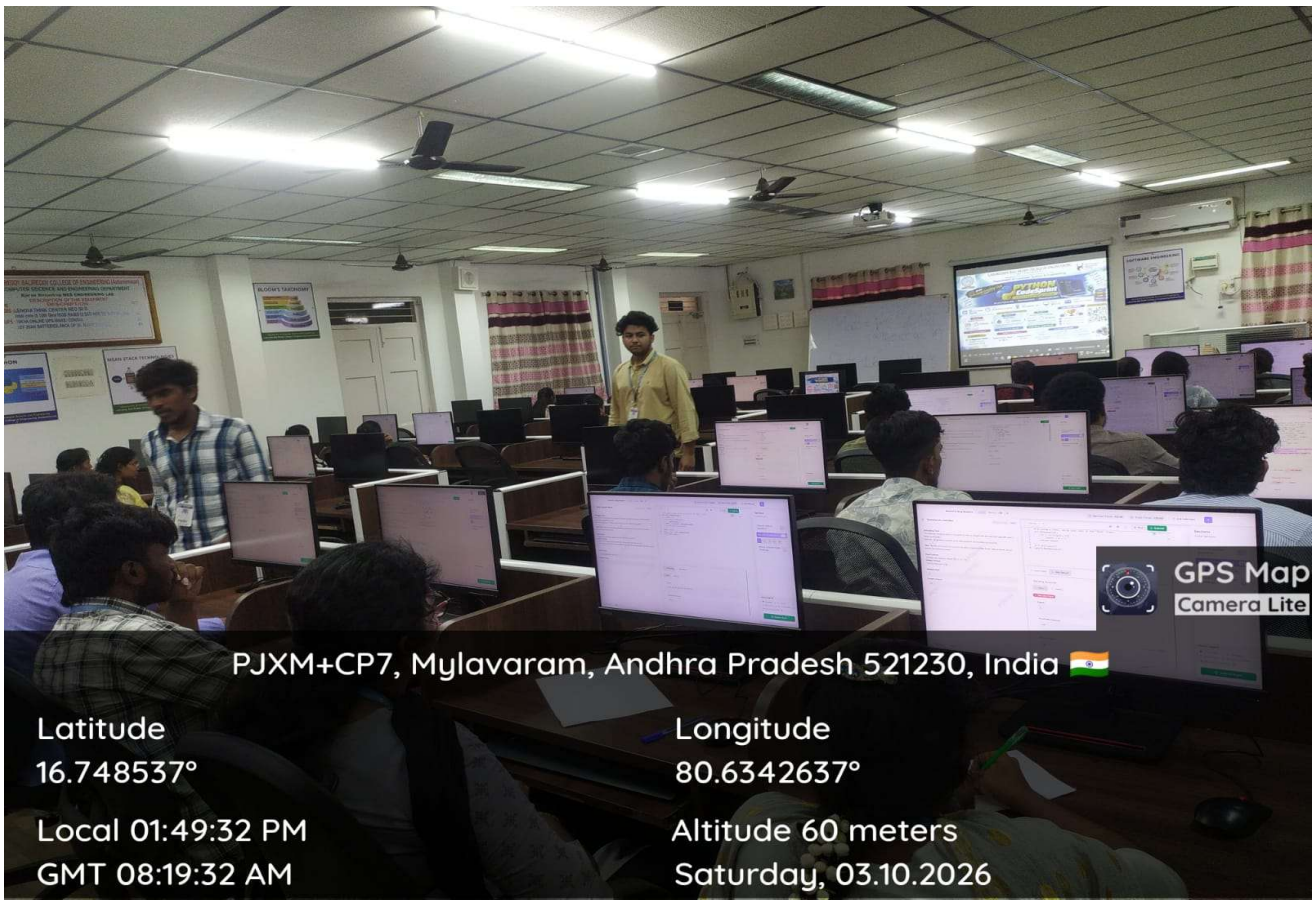
- Reinforced understanding of Python syntax, concepts and program output.
- Practised identifying, analysing and correcting errors in Python programs.
- Encouraged logical reasoning, algorithmic thinking and efficient problem-solving.
- Provided an opportunity to apply programming knowledge under time constraints.
- Promoted coding practice, peer learning and participation in technical activities.

Event Photos:




GPS Map
Camera Lite
PJXM+CP7, Mylavaram, Andhra Pradesh 521230, India
Latitude
16.7485504°
Longitude
80.6343002°
Local 01:50:05 PM
GMT 08:20:05 AM
Altitude 60 meters
Saturday, 03.10.2026




GPS Map
Camera Lite
PJXM+CP7, Mylavaram, Andhra Pradesh 521230, India 🇮🇳
Latitude
16.748537°
Longitude
80.6342637°
Local 01:49:32 PM
GMT 08:19:32 AM
Altitude 60 meters
Saturday, 03.10.2026

4. Attendence Report

Total students registered: 232 Total students participated: 232

Python Codesprint – Attendance Sheet

Venue: Web Engineering Lab

Date: Time:

Present: Absent: Total Students: 57

Invigilator:

S.No	Allot ID	Student Name	Roll Number	Section	Signature	Remarks
1	PCS059	A MANOHAR	25761A0501	A	A. Manohar	
2	PCS060	Banavathu Rohini	25761A0504	A	B. Rohini	
3	PCS061	B Hanka	25761A0507	A	B. Hanka	
4	PCS062	D sri ram naik	25761A0516	A	Sriram naik	
5	PCS063	GOLLA AKASH	25761A0519	A	Golla Akash	
6	PCS064	G GOWUTHAM	25761A0520	A	G. Gowutham	
7	PCS065	G Harsha Madhuri	25761A0521	A	G. Harsha	
8	PCS066	K Srimanth	25761A0524	A	K Srimanth	
9	PCS067	Kotla Rohith	25761A0529	A	Kotla Rohith	
10	PCS068	Laveti Sujana	25761A0531	A	Sujana	
11	PCS069	jeevana madugula	25761A0532	A	Jeevana madugula	
12	PCS070	Satya Naga Sri Charan Manchem	25761A0534	A	Satya naga	
13	PCS071	Nadakuditi Sanjeev	25761A0538	A	N. Sanjeev	
14	PCS072	Parupalli vagdevi	25761A0542	A	P. Vagdevi	
15	PCS073	SHEIK MAHMAD HUSSEN	25761A0554	A		
16	PCS074	Thota Pavan Manas	25761A0558	A	Thota manas	
17	PCS075	T Anjali	25761A0559	A	T. Anjali	
18	PCS076	Mahendra Ch	25761A0571	B	Mahendra ch	
19	PCS077	KAMBHAMPATI PALLAVI	25761A0582	B	K. Pallavi	
20	PCS078	Bhonagiri Mahima Swarupini	25761A05D3	C	B. Mahima	
21	PCS079	Srijapeddinti	25761A05G5	C		
22	PCS080	Sk Rahaman	25761A05H3	C	Sk. Rahaman	
23	PCS081	D joel bala vineel	25761A0512	D	D. joel bala	
24	PCS082	Barma Venkata Lalitha Maheswari	25761A05J2	D	B. Maheshwari	
25	PCS083	Amani	25761A05M5	D	Amani	
26	PCS084	N Jahnavi	25761A05M7	D	Jhanavi	
27	PCS085	Ramisetty P V S N Durga Rao	25761A05N3	D	Ramisetty Durga	
28	PCS086	R Ambika	25761A05N6	D	R Ambika	
29	PCS087	Saggurthi Manjusha	25761A05N8	D	Saggurthi	
30	PCS088	SANAGANI HASINI DURGA	25761A05N9	D		
31	PCS089	K Naveen	24761A05T3	E	K Naveen	
32	PCS090	M B S S SUBRAHMANYAM	25761A05R4	E		
33	PCS091	SHAIK MAHEMUDA	25761A05T5	E	Shaik Mahemuda	
34	PCS092	Thimmapuram shirisha	25761A05U1	E		
35	PCS093	Sakalabathula Sai kailash	26CSELE08	F	S. Sai kailash	
36	PCS094	ABHI RAM YADLA	26CSELF01	F	Abhi Ram	

S.No	Allot ID	Student Name	Roll Number	Section	Signature	Remarks
37	PCS095	M varshini	25761A05X6	F	M. Varshini	
38	PCS096	PARDHANI JAYASREE	25761A05Y9	F		
39	PCS097	Sanamsetti naga Krishna Chaitanya	25761A05Z7	F		
40	PCS098	A shahira	25761A05AO	G	A. Shahira	
41	PCS099	K CHARANTEJ	25761A05BQ	G	K. Charantej	
42	PCS100	M. Bharu keerthi	25761A05BV	G		
43	PCS101	P Varshitha	25761A05CE	G	P Varshitha	
44	PCS102	Shaik Khaja Mohiddin	25761A05CH	G		
45	PCS103	TAMMU SOWMYA	25761A05CM	G	Sowmya	
46	PCS104	V Harshavardhan	25761A05CQ	G		
47	PCS105	KASARLA SAI VENKAT	25761A05DW	H		
48	PCS106	K Akshaya	25761A05EA	H	K. Akshaya	
49	PCS107	Lakshmi Niharika Seelam	25761A05EB	H	Seelam	
50	PCS108	M V V N DURGA DEVI	25761A05EE	H		
51	PCS109	P ishwarya	25761A05EN	H	P. ishwarya	
52	PCS110	PATHAN AFRID	25761A05EP	H		
53	PCS111	UPPULURI ROHIT	25761A05FC	H	U. Rohit	
54	PCS112	TAVANAM JAGAN	26CSELE06	H		
55	PCS113	Badugu Yaswitha	26CSELE33	H		
56	PCS114	Raavilala Mounika	26CSELE38	H	R. Mounika	
57	PCS115	Sunny Thadigadapa	26CSELE70	H		

Python Codesprint – Attendance Sheet

Venue: Data Analytics Lab

Date: Time: Total Students: 58

Present: Absent: Invigilator:

S.No	Allot ID	Student Name	Roll Number	Section	Signature	Remarks
1	PCS116	A YASHITHA SRINIVAS	25761A0502	A	A.Yashita	
2	PCS117	Tejasree Chennuboina	25761A0510	A	Ch.Tejasree	
3	PCS118	DUBIREDDY HIARN SATYA KRISHNA	25761A0517	A		
4	PCS119	KONAPALA RESHMA	25761A0528	A	K.Reshma	
5	PCS120	L V Y S G Saranya	25761A0530	A	Saranya	
6	PCS121	MATANGI PRANUHYA	25761A0535	A	M. Pranuthya	
7	PCS122	M Nanda gopal	25761A0536	A	M.Nandagopal	
8	PCS123	Peyyala Yasaswi	25761A0545	A	P. Yaswani	
9	PCS124	Pulipati Jyothi Swaroop Sri Venugopal	25761A0547	A	P. Jyothi Swa	
10	PCS125	Repalle Rupasri	25761A0551	A	R. Rupasri	
11	PCS126	Harish	25761A0557	A	Harish	
12	PCS127	Nagalakshmi Islavathu	25761A0580	B	N. Islavathu	
13	PCS128	Mohammed Rayhan	25761A0590	B	N. Islavathu	
14	PCS129	Oruganti Subhash	25761A0597	B	O. Subhash	
15	PCS130	P Vara Prasad	25761A0599	B	Vara Prasad	
16	PCS131	Hansika sunkara	25761A05B6	B	Mrudhula	
17	PCS132	Mrudhula	25761A05C8	C		
18	PCS133	B Bharathwaj	25761A05C9	C	Bharathwaj B	
19	PCS134	Battula Sai Gowthami	25761A05D1	C		
20	PCS135	Chinta Himasri	25761A05D6	C	Chinta Himasri	
21	PCS136	DAMMU DHARANIJA	25761A05D9	C		
22	PCS137	Korrapolu Lahari	25761A05F5	C		
23	PCS138	K Santhosh	25761A05G8	C	K Santhosh	
24	PCS139	VEMULA VIGNESH	25761A05I4	C	V. VBrosh	
25	PCS140	Ummireddi Kesava	26CSELE23	C	U. Kesava	
26	PCS141	Bhukya Keerthana	25761A05J5	D	Keerthana	
27	PCS142	Pothakamuri lakshmi	25761A05N0	D	Pothakamuri lakshmi	
28	PCS143	Meghana	25761A05Q0	E	Meghana	
29	PCS144	K Pavan Kumar	25761A05Q4	E	K pavan kumar	
30	PCS145	KASUKURTHI EMMANIYELU	25761A05Q6	E		
31	PCS146	KOPPADI SRI MANI PUJA HASINI	25761A05Q9	E	Mounika	
32	PCS147	Mandalapu Mounika	25761A05R3	E	M. Mounika	
33	PCS148	Meduri Rohith	25761A05R5	E	Meduri Rohith	
34	PCS149	Parasa Srikanth	25761A05S8	E	Parasa Srikanth	
35	PCS150	P Yaswanth Asruth Kumar	25761A05T0	E	Kumar	
36	PCS151	T Kusal Charan Reddy	25761A05T9	E	T. Kusal	

Python Codesprint – Attendance Sheet

Venue: Database Innovation Lab

Date: Time: Total Students: 57

Present: Absent: Invigilator:

S.No	Allot ID	Student Name	Roll Number	Section	Signature	Remarks
1	PCS174	Ankam Kalpana	25761A0503	A	A. Kalpana	
2	PCS175	Ch Sowmya Reddy	25761A0511	A	Ch. Reddy	
3	PCS176	G KEERTHI	25761A0518	A	G. Keerthi	
4	PCS177	Deena	25761A0522	A	Deena	
5	PCS178	BHARANI NERUSU	25761A0541	A	B. Nerusu	
6	PCS179	Penmetsa Dhaneswar	25761A0546	A	P. Dhaneswar	
7	PCS180	RANGISETTI SIVA RAMA KRISHNA	25761A0550	A	R. Sivarama	
8	PCS181	Shaik Ashiq	25761A0552	A	Sk. Ashiq	
9	PCS182	sk inthiyaz	25761A0553	A	sk. Inthiyaz	
10	PCS183	NAVEEN KUMAR TUPAKULA	25761A0560	A	Naveen Tupaka	
11	PCS184	Basa Jyothsna	25761A0566	B	B. Jyothsna	
12	PCS185	KODURU ROHITH	25761A0584	B		
13	PCS186	Somisetty Susmitha	25761A05B3	B	Susmitha	
14	PCS187	Shanmukh reddy	25761A05D5	C	Shanmukh Keerthi	
15	PCS188	Kante Keerthi	25761A05E9	C		
16	PCS189	Manikala meghana	25761A05F9	C	M. Meghana	
17	PCS190	Seelam Usha Sri	25761A05G9	C	Seelam Usha Sri	
18	PCS191	S Eeswar sai sri	25761A05H5	C	S. Eeswar	
19	PCS192	Thumu Venkata Naga Rupa	25761A05H9	C	Thumu Naga	
20	PCS193	Ummanaboina suchantha	25761A05I1	C	U. Suchitha	
21	PCS194	VEMULA LIKHITHA	25761A05I3	C	Vemula Likhitha	
22	PCS195	RANGISETTY RAVI TEJA	26CSELE62	C	R. Ravi Teja	
23	PCS196	B Esther Rani	25761A05J0	D	B. Esther Rani	
24	PCS197	Mamilla yogya sri	25761A05L5	D		
25	PCS198	Mekapothula Manasa	25761A05M0	D	M. Manasa	
26	PCS199	R Sai Ganesh	25761A05N2	D	R. Ganesh	
27	PCS200	T Babu Viswanth	25761A05O6	D	T. Babu Viswanth	
28	PCS201	G.Tanishka	25761A05Q2	E	G. Tanishka	
29	PCS202	Kethe Thanuja	25761A05Q8	E	K. Thanuja	
30	PCS203	REDDY VENKATA PAVANKALYAN	25761A05T1	E	R. Pavan	
31	PCS204	Y Pranavi	25761A05U9	E	Pranavi	
32	PCS205	Chinthala Seetha	26CSELE65	E	C. Seetha	
33	PCS206	G.Akhil	26CSELE68	E	G. Akhil	
34	PCS207	Kunchala Himavarshini	25761A05X1	F	K. Himavarshini	
35	PCS208	MADDIKUNTLA SRIKANTH	25761A05X3	F	M. Srikanth	
36	PCS209	NUTHALAKANTI SIVA SAI PRAKASH	25761A05Y6	F	N. Siva Sai Prakash	

5.Participation and Results

Winners: 1st .M Dinesh Kumar(25761A05L9), 2nd Sk. zobiya,(25871A05CJ), 3rd R. Durga Rao,(25761A05N3).







Mapping of Python CodeSprint Outcomes with Program Outcomes (POs) and PSOs:

The outcomes of the Python CodeSprint – A 2-Hour Python Coding Challenge can be mapped with Program Outcomes (POs) and Program Specific Outcomes (PSOs) as follows.

1. CO–PO–PSO mapping matrix:

Python Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO1	PSO1
CO1: Implement core Python programming concepts.	3	2	2		3							1	2	2	
CO2: Demonstrate Python data structures: Lists, Tuples, Sets and Dictionaries.	3	2	2		3							1	2	2	
CO3: Implement functions, modules and regular expressions to create practical applications.	3	3	3	2	3					1		2	3	3	2
CO4: Improve individual/teamwork,								2	3	3		1			

communication, report writing and ethical values.														

Mapping of Python CodeSprint outcomes with Sustainable Development Goals (SDGs):

The Python CodeSprint event contributes primarily to SDG 4, SDG 8 and SDG 9.

Python outcomes	SDG 4: Quality Education	SDG 8: Decent Work & Economic Growth	SDG 9: Industry, Innovation & Infrastructure
Python-CO1: Core programming concepts	3	1	2
Python-CO2: Python data structures	3	2	2
Python-CO3: Functions, modules, regular expressions and practical applications	3	2	3
Python-CO4: Teamwork, communication, report writing and ethical values	2	2	1

5. Overall Outcome

The Python CodeSprint activity provided a structured platform for students to practise Python fundamentals, debugging and problem-solving. The three-round format progressed from quick conceptual questions to debugging and applied programming challenges. The activity supported the department's objective of promoting practical programming skills and a coding-oriented learning culture.

Faculty Coordinator	Convenor / HOD
Signature:	Dr. S. Nagarjuna Reddy Signature:

HEAD
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