

4 weeks workshop on

IDEA PRODUCT FUTURE
SOLUTION DEVELOPMENT CREATIVITY
INNOVATION
IMPROVEMENT MODERNIZATION
NEW PROGRESS FRIEND INDUSTRY CONCEPT

Organized by the students of
B V RAJU COLLEGE CENTER FOR INNOVATION
Department of Physics & Electronics



Venue : CFI
Date : 01/07/2024 to 27/07/2024

HANDSON EXPERIENCE WORKSHOP

ABSTRACT

Hands-on experience is a crucial component of modern education, bridging the gap between theory and practice and equipping students with the skills necessary for future success

CENTER FOR INNOVATION

CENTER FOR INNOVATION
WORKSHOP FOR
Smt.B SEETHA POLYTECHNIC
STUDENTS





The B V Raju College Center for Innovation was conducted Hands-on experience in innovation, which involves actively engaging in the creative process, experimenting with new ideas, and developing practical solutions. This approach emphasizes learning by doing, where individuals and teams prototype, test, and refine their ideas in real-world scenarios. Such experience is invaluable as it allows innovators to understand the practical challenges, iterate based on feedback and gain insights that theoretical knowledge alone cannot provide. Engaging directly with the innovation process fosters creativity, resilience, and a deeper understanding of the market and user needs, ultimately leading to more successful and impactful innovations.



The final year physics students started a 4-week workshop on hands-on experience in the CFI on July 1st 2024 for the students of Smt. B Seetha Polytechnic students. Overall 120 students participated in the workshop. 15 students per batch were trained for two days in the CFI.

In the 2 days of training, the students were taught about basic soldering techniques, removing and replacing components in the PCB. In the 2 days of training, the students were separated into 3 teams with 5 members per team and were mentored by 2 CFI students. Within the 2 days, each team built some small projects.



B

BATCH 1

S.no	Name of student	institution
1	A . VASAVI	SBSP
2	A . RADHIKA	SBSP
3	A . LAVANYA	SBSP
4	A . NANDINI	SBSP
5	A. REKHA GAYATRI	SBSP
6	A. TEJA SRI	SBSP
7	A. SURENDRA	SBSP
8	A. SIVA	SBSP
9	A. J . SV . NIVAS	SBSP
10	A . PRASHANTH KUMAR	SBSP
11	A. BHARGAV PALLAVA RAJU	SBSP

Batch 1 workshop (02-04 July 2024)

The batch 1 students made 3 projects which are

1. Generator demo
2. Blind stick
3. Metal detector



By the end of first batch workshop the students are also able to know some of the basic components like resistors, capacitors, IR sensor modules, open circuit, closed circuits, and etc.

BATCH 2

S.no	Name of student	Institution
1	G. BHANU PRASAD	SBSP
2	G. GANGI REDDY	SBSP
3	G. SILA KUMAR	SBSP
4	G. MANOHAR	SBSP
5	G. SHANMUKH SATYA SAI	SBSP
6	G. SIDDU	SBSP
7	G. GANI VENKATESWARA RAO	SBSP
8	G. SIDDU	SBSP
9	G. LAKSHIM PRASANNA	SBSP
10	G. MERCY JOEYAL	SBSP
11	G. RAMA LAKSHMI	SBSP
12	G. LEELA MADHU SRI	SBSP
13	G. TEJASWINI	SBSP
14	G. GOWRI MANJURI	SBSP
15	G. LAKSHMI SRI	SBSP
16	E. NANDINI	SBSP
17	G. RAIYA LAKSHMI	SBSP
18	G. JANVI	SBSP

Batch 2 workshop (9 -10 july 2024)

The batch 2 students made 3 projects which are

1. Laser security alarm
2. Water tank alarm
3. Birds avoider in the paddy field





B V RAJU COLLEGE CENTRE FOR INNOVATION
(CFI)

Certificate of Participation

G. Leela Madhu Sir

has participated in the event ... *4 weeks workshop*

held on *9th and 10th July 2024*.. by CFI.

[Signature]
Co-ordinator
CFI

[Signature]
Head of the Department
PHYSICS



[Signature]
Vice Principal
BVRC

[Signature]
Principal
BVRC



B V RAJU COLLEGE
VISHNUPUR :: BHIMAVARAM
CENTER FOR INNOVATION (CFI)
STUDENTS FEEDBACKFORM

Date : 10/07/2024

Name of the student: *G. Tejaswini*

Course: *Polytechnic - CME*

Institution: *SBSP*

Date of Workshop conducted: *09-07-2024 & 10-07-2024*

Topics learned in the workshop: *Soldering and Working of components.*

I learned Soldering and working of components in the workshop. We also made a project called Electric Bell in this workshop.

FEEDBACK :

We made a project called Electric Bell in the workshop with the help of sir and also seniors. We had a nice experience learning about these in this two days of Workshop

G. Tejaswini
Signature of the student :

BATCH 3

s.no	Name of the student	institution
1	G. VARALAKSHMI	SBSP
2	K. HARISHMA DURGA SRI	SBSP
3	I. PRAHARSHA	SBSP
4	I. BABY CHARMI	SBSP
5	I. ANIL KUMAR	SBSP
6	I. NIKHIL SYAM	SBSP
7	J. MOUNIKA	SBSP
8	J. SYAM SANTHOSH	SBSP
9	J. ASHOK	SBSP
10	J.YESU RAJU	SBSP
11	J. VENKAT	SBSP
12	J.JOTHSNA	SBSP
13	K.ADITYA	SBSP
14	K. PUJITHA	SBSP

Batch 3 workshop (11 -12 july 2024)

The batch 3 students made 3 projects which are

1. Touchless door bell
2. Earthquake detector
3. LED name board





B V RAJU COLLEGE CENTRE FOR INNOVATION
(CFI)

Certificate of Participation

G. Varalakshmi

has participated in the event *4 weeks workshop* (...Name...Board *SBS*)

held on *11th and 12th July 2024*... by CFI.

[Signature]
Co ordinator
CFI

[Signature]
Head of the Department
PHYSICS



[Signature]
Vice Principal
BVRC

[Signature]
Principal
BVRC



B V RAJU COLLEGE CENTRE FOR INNOVATION
(CFI)

Certificate of Participation

L. Harishma Durga Sri

has participated in the event *4 weeks workshop* (...Name...Board *SBS*)

held on *11th and 12th July 2024*... by CFI.

[Signature]
Co ordinator
CFI

[Signature]
Head of the Department
PHYSICS



[Signature]
Vice Principal
BVRC

[Signature]
Principal
BVRC

BATCH 4

S.no	Name of the student	Institution
1	P.VICKY	SBSP
2	K.VISWANATH	SBSP
3	P.STEPHEN	SBSP
4	MD.FARHAN	SBSP
5	M.KUMAR MURALI KRISHNA	SBSP
6	M.NAGA SATYANARAYANA	SBSP
7	M.GANESH VIJAY KUMAR	SBSP
8	L.PRASANNA KUMAR	SBSP
9	P.YAMUNA SRI	SBSP
10	L.DIMPLE DURGA PRAVAHINI	SBSP
11	N.ANURADHA	SBSP

Batch 4 workshop (16 -18 july 2024)



VISHNU
UNIVERSAL LEARNING

B V RAJU COLLEGE CENTRE FOR INNOVATION
(CFI)

Certificate of Participation

P. Vicky

has participated in the event *A...Weeks workshop... (Automatic Street Light)*

held on *.16..and..18..july.2024.* by CFI.

[Signature]
Co ordinator
CFI

[Signature]
Head of the Department
PHYSICS



[Signature]
Vice Principal
BVRC

[Signature]
Principal
BVRC

BATCH 5

S.no	Name of the student	Institution
1	R.ANIL KUMAR	SBSP
2	N.MANOJ KUMAR	SBSP
3	M.LAKSHMI NAGARAJU	SBSP
4	M.GUNA SHEKHAR	SBSP
5	N.SAI JAGADEESH	SBSP
6	N.PRASHANTH PAVAN KUMAR	SBSP
7	N.SASI KIRAN	SBSP
8	P.YUVA SAI	SBSP
9	N.ROHITH KUMAR	SBSP
10	R.PAVAN	SBSP
11	P.ASHRISHYA NAVYA	SBSP
12	P.HIMA SRI PURNA	SBSP
13	N.VENUKA	SBSP
14	N.BHAVANA	SBSP
15	M.LEELA NAGA JYOTHI	SBSP

Batch 5 workshop (22 July 2024)



BATCH 6

S.no	Name of the student	Institution
1	V.PARIMALA	SBSP
2	V.RAMYA SREE	SBSP
3	T.HARSHA NANDHINI	SBSP
4	SK.MEERA MOHIDDHIN	SBSP
5	S.RAJA GANESH KUMAR	SBSP
6	S.KARTHIKEYA	SBSP
7	S.SANTHOSH KUMAR	SBSP
8	R.HARINI	SBSP
9	T.HEMA ISHWARYA	SBSP
10	S.HEMA MANIKANTA	SBSP
11	R.TULASI VENKATA SAI	SBSP
12	S.PAVAN	SBSP
13	S.DHANA VENKATA SWATHI	SBSP
14	V.CHANDRA GEETHIKA	SBSP
15	Y.LAKSHMI SRI DHATRI	SBSP

Batch 6 workshop (23 July 2024)



BATCH 7

S.no	Name of the student	Institution
1	Y.NAGA TULASI	SBSP
2	Y.TEJA SRI	SBSP
3	U.GAYATHRI	SBSP
4	T.LAKSHMI TULASI	SBSP
5	T.NAGA DEEPIKA	SBSP
6	V.BHAVYA HASINI	SBSP
7	T.MADHULIKA	SBSP
8	V.CHARAN	SBSP
9	S.HARSHA	SBSP
10	Y.RAM	SBSP
11	V.ANAND	SBSP
12	T.SURESH	SBSP
13	T.GEETHAM	SBSP
14	V.PHANINDHRA VARMA	SBSP
15	V.SRI HARSHA	SBSP

Batch 7 workshop (24 July 2024)



"We are pleased to announce that our recent workshop was completed with active participation from a total of 100 students. Their engagement and enthusiasm significantly contributed to the success of the event."

Signature of the Principal :

Signature of the Vice-principal:

Signature of the HOD PHYSICS:

Signature of the Coordinator CFI:

