



SIP activities @ RV College of Engineering

By
Dr. K.N. Subramanya
Principal
RV College of Engineering, Bengaluru
principal@rvce.edu.in





RVCE Campus ~ 16.85 Acres

Go, change the world



- ❑ Established in the year 1963
- ❑ Offering 13 UG and 16 PG Programs, 15 Research Centres affiliated to VTU-Belagavi
- ❑ Annual Intake of UG -1060 students and PG – 444 students
- ❑ Number of Teaching staff – 353 and Number of Non Teaching Staff – 219

Achievements

- ❑ Grant of Autonomous Status for UG programs in 2007 and PG programs in 2016. Grant of Extension of Autonomous Status by UGC in 2020 (till 2023-24)
- ❑ NBA Accreditation: UG Programs-11/12 Accredited (Tier-1). PG programs – 7/16 accredited. Remaining are awaiting re-accreditation schedule.
- ❑ Part of World bank Assisted TEQIP-II Project (sub component 1.2 and 1.2.1) in 2011-12 and 2013-14 respectively and completed in 2017.
- ❑ **NIRF Ranking – 77th in the Engineering Stream as per MoE, GoI for 2021**
- ❑ QS I-GAUGE award with a DIAMOND University Rating for 2021-24.
- ❑ Established Centres of Excellence in Macroelectronics, IoT, Smart Antenna Systems, Quantum Computing, e-Mobility, CCTV Research, Computational Genomics, Robotics & Automation.

Initiation of SIP @ RVCE

Go, change the world

Year	Duration	Start date	End date	Faculty involved	Number of student volunteers	Number student participation	Positive Impact on students	Most received event (by the students)
2018-19	3 weeks	30.7.2018	15.8.2018	72	32	834	Improvement in student behaviour	UHV talk by Dr. Gururaj Karajagi
2019-20	2 weeks	29.7.2019	15.8.2019	76	35	817	Enhancement in student interpersonal skills	Hackathon on Traffic Awareness
	1 week	06.1.2020	11.1.2020	84	57	1003		Life Skill activities
2020-21 (Online)	1 week	13.12.2020	19.12.2020	78	40	890	Student's keen on practicing Yoga	Indian Epic
	1 week	24.05.2021	29.05.2021	78	52	1038	Enhancement in student's interest in Indian heritage	Heritage walk activity

Notable Speakers in SIP

Go, change the world



Sri Swami Veereshananda Saraswati
“Moral & Spiritual Values”
Dt. 8th Aug. 2018



Justice Santhosh N. Hegde
“Social Responsibilities of Young Engineers”
Dt. 30.7.2019



Lt. Gen. Kamath
“Know Your Country”
Dt. 02.8.2018



Shree. V. Nagaraj
“Value based Education”
Dt. 1st Aug 2019

Mr. Vinayaka Jhoshi
“Transform Failure to Success”
Dt. 2nd Aug 2019



SIP - Modules

Go, change the world



- As per AICTE guidelines, SIP @ RVCE included UHV sessions, Indian Knowledge sessions along with Expert talk on Physical health, Stress management, Hazards of Addiction, Indian Epic, India Pride, Success story etc.
- Also sessions about Academic and examination process, Department familiarization along with tour of College campus was part of SIP.
- Plantation of saplings, cleaning school surroundings in nearby villages were done by first year Students



Dr. M.D. Srinivas
Indian Knowledge System



Mr. Yashodeep D.
Indian Epic



Dr. Ali Khwaja
Stress Management



Dr. Mahesh R. Gowda
Hazards of Addiction



Mr. Kaushik Mudda
Success Story by Alumni

SIP – Activities (as per AICTE)

Go, change the world

S.No.	Details of Activities
1.	Yoga & Meditation
2.	Heritage Walks*
3.	Indian classical music & dance
4.	Holistic Food
5.	Craft Workshop
6.	Video/Short Film making with social message
7.	SKIT/Ad Making
8.	Theme based Poster Making
9.	Essay/Article writing
10.	Speeches (Theme Based)
11.	Project-Best Out of Waste
12.	Any other relevant activity/activities

Date/time	2.00-3.00PM & 3.30-5.00PM
24/5/21	1)Theme based Activity: Skit/Debate/Dance/group discussion OR 2) Heritage walk
25/5/21	Creative practice (Glimpse of Cultural activity by first year students)
26/5/21	Creative practice (Glimpse of Cultural activity by first year students)
27/5/21	Best out of Waste: Project demo
28/5/21	Creative practice (Glimpse of Cultural activity by first year students)

Our Interpretation of AICTE Guidelines



The afternoon sessions covered all activities listed by AICTE except Yoga. Yoga sessions were conducted from 7.30-8.30AM all days during SIP



Theme based activity

Go, change the world

Students can exhibit their talent through art, literary, poster making, singing, Skit, Ad making, Dance and Group discussion, short film making, etc the theme for the all these activity are any one of the topics

Theme

- **COVID Awareness**
- **Healthy lifestyle**
- **Happiness**

Theme

- **Save Water - techniques in domestic and agriculture**
- **A step towards Greener Earth**

Theme

- **Save energy**
- **Save environment**

467 Students Participated

Theme based

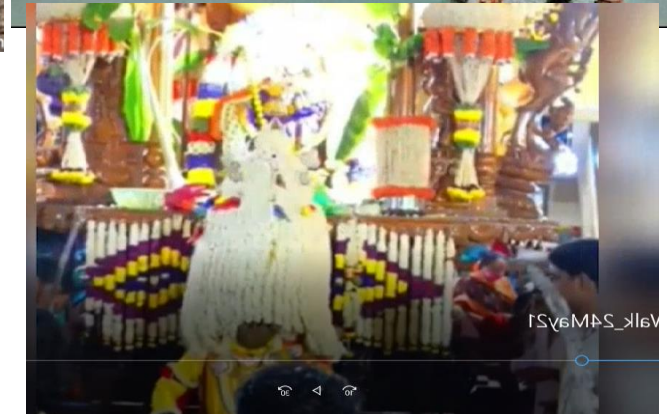


Heritage Walk

Go, change the world

563 students participated

S. No.	Instructions on Activity
1	Students are required to understand the local problems and suggest an innovative idea to solve those problems. Prepare a video/PPT with audio.
2	Students can find out the monuments of the native city and near-by historic places and prepare a video to spread information about it to enhance tourism
3	Students can find out industries in native city and prepare a video to spread information about the production, its use, turnover etc along with its impact of the existence of industry to the lifestyle of people in their native.
4	Students can find out any special culture/lifestyle of native place prepare a video to spread it to enhance gratitude towards their privileges



Project based activity - NSS

- "Best out of waste" is an activity where students instructed to use any waste items available and turn them into resourceful articles, product etc.
- It is an art, craft and innovative competition where students can exhibit their innovative skills and come up with innovative projects using waste items .



Best out of waste



Creative practice - CAT

Go, change the world



Talent Search



Students showcase their talent in Extra - Curricular activities



All modules/components suggested in SIP are very useful and integrated, But, we found few activities included in last year eSIP may be adopted by all

- **Heritage Walk-** *A well planned visit to nearby place, tracing historical significance or development of that place is an easily adoptable component in SIP by any institute, which will help one to identify the role himself/herself. 563 students participated in last SIP and it ignites students to explore further to enhance their knowledge towards Indian heritage/knowledge system.*
- **Theme based activity:** *Identifying few relevant themes in every year SIP for the creative expressions are also a easily doable component and we recommend all institutions to adopt. Following themes were identified in last year SIP*
 - *COVID Awareness*
 - *Healthy lifestyle*
 - *Happiness*
 - *Save Water (water conservation) techniques in domestic and agriculture*
 - *A step towards Greener Earth*
 - *Save energy*
 - *Save environment*
- Doing feedback analysis of all stakeholders to improve standards of SIP

Positive Impact on students - SIP

- ❑ *Feedback analysis from faculty involved, unanimously agreed SIP will be very useful.*
- ❑ *Query and positive feedback came from parents spontaneously, planning is going on for involving parents in SIP for a radical change of routine from family environment itself.*
- ❑ *On a random feedback, we found many students added healthy routine in their life after SIP.*
- ❑ *Found need for separate rating/feedback for each modules of SIP and planned for that well in advance.*

Planned Faculty & Staff Preparation Statistics: UHV - FDP participation

Sl No	Month, year	Dates of UHV workshops	No. of Faculty & Staff attended
1	May 2020	2/5/2020 to 6/5/2020	03
2	July 2020	28/7/2020 to 1/8/2020	01
3	September 2020	28/9/2020 to 2/10/2020	01
4	November 2020	2/11/2020 to 6/11/2020	13
5	December 2020	14/12/2020 to 18/12/2020	42
		23/12/2020 to 28/12/2020	02
6	February 2021	1/2/2021 to 5/2/2021	12
7	March 2021	8/3/2021 to 12/3/2021	15
		22/3/2021 to 26/3/2021	40
8	April 2021	19/4/2021 to 23/4/2021	05
9	May 2021	3/5/2021 to 7/5/2021	16
		17/5/2021 to 21/5/2021	12
10	June 2021	31/05/2021 to 4/06/2021	9+2*
		7/6/2021 to 2/7/2021	7+4*
11	July 2021	28/6/2021 to 2/7/2021	4+1*
		12/7/2021 to 16/7/2021	18+18*
		19/7/2021 to 23/7/2021	02
		26/7/2021 to 30/7/2021	4+2*

SI No	Month, year	Dates of UHV workshops	No. of Faculty & Staff attended
12	Aug. 21	2/8/2021 to 6/8/2021	0+10*
		9/8/2021 to 13/8/2021	0+1*
		16/8/2021 to 20/8/2021	4+3*
		30/8/2021 to 04/9/2021	80+2*
TOTAL			333

Total Number of Faculty attended UHV FDP from May. 2020 to 4th Sep. 2021 = 290

*** Indicates technical staff who have attended UHV FDP [Total No.- 43]**

Planning of SIP for the ensuing Academic Batch: 2021-22

- ❑ **Constituted members to organise SIP 2021-22**

i) Institutional Level members for organising SIP: Principal, Dean - Academics, Dean - Student Affairs, Dean - Cultural Activity, NSS and NCC faculty co-ordinators, Physical Education Director and HoDs

ii) Faculty co-ordinators for SIP: Faculty (28) who have attended eSIP held during November 2020 and Faculty mentors for First year students' who have attended UHV FDP Refresher 1.

- ❑ **Planning of sessions is in progress:**

Plan the number of sessions as per AICTE guidelines. Identify Expert speakers for the sessions. Identify the student co-ordinators from CAT, NCC, NSS, Rotaract club for conduction of activities

- ❑ **Waiting for admission process to be completed and schedule by VTU**

NCC-RVCE



BEST INSTITUTION SD - 2017



**SUO KETAN BAAD
YEP KAZAKHSTAN 2016**



BEST INSTITUTION SW - 2018



**JUO BHARAT DIXIT
YEP RUSSIA 2016**



**SUO MADHAN
YEP RUSSIA 2019**



**SUO KARTHIK B V
RDC 2018**



**JUO KRITIKA
YEP VIETNAM 2018**



**SUO SUPRABHA
RDC 2017**



**CSUO RAHUL P
YEP SRILANKA-2018**



**JUO PAYAL SHETTY
RDC 2018**



**SGT HAVISHA D
AITSC 2018**



**JUO BASAVARAJ
AMC 2018**



OVERALL BEST INSTITUTION - 2019



**JUO SUKSHITH SHETTY
AITSC 2016**



**JUO MONIKA
AITSC 2017**



**CSUO PRANAV B E
AITSC 2018**



**JUO ANANYA
AITSC 2019**

NSS Activities (2018 to 2020)

Go, change the world

Events organized and volunteered By NSS-RVCE

2018-19

No. of activities -15

No. of Participants-929

2017-18

No. of activities -19

No. of Participants-4363

2016-17

No. of activities -06

No. of Participants-195

2019-20

No. of activities -16

No. of Participants-830



BLOOD DONATION CAMP



VISIT TO ASHRAYA FOUNDATION



E-WASTE AWARENESS CYCLOTHON



WILDLIFE SOS



SWACCH BHARATH AWARENESS



UTSARGA MARATHON



SUPPORT FOR BLIND CRICKET



2020-21

No. of activities -10

No. of Participants-1043



Environment & Sustainability Initiatives

Go, change the world

Waste Management System: Paper/ Plastic Waste

E-Waste Management: Collection & Recycling



Wet waste to Compost

Bio Gas plant

Segregated waste collection system:

Sustainable Water Management: Rain Water Harvesting (3.5 MLD), Sewage Water Treatment (250 KLD)



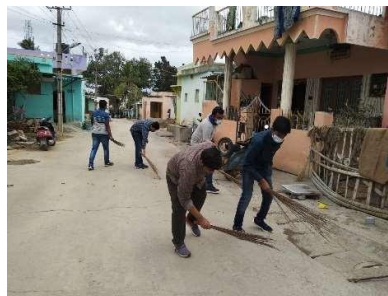
Energy Management: LED Bulbs (1158), Solar Water Heaters, Solar Power Harvesting



Cleanliness Drive: Students participating in Cleaning roads and walls



Green Efforts: Tree Plantation (~ 2400)





Most of the Campus, Street Lights are converted in to Smart



Takeaways from Previous SIP for future Management

Faculty Identification & Preparation to conduct SIP:

- All faculty members are encouraged /supported to attend the FDP - SIP, including Deans and HODs.
- Identified faculties based on interest/ commitments/ support system provided to plan and prepare well in advance for SIP
- Created forum for self development within institute– faculty, feel free to discuss common issues, get clarity in basic concepts and identification of resource persons.

Need and System for follow up of SIP

- There is a need of monitoring and follow-up among the Faculty and students to develop themselves as full-fledged resource persons and competent student Volunteers with in the course period.
- Allocating common one -two hour/week for student Mentoring
- UHV discussion / in-house follow up meeting to facilitate brainstorming. This year it is being planned tentatively to have every Friday (2pm-3:00pm) for UHV Faculties as a part of academic preparation.
- Synchronized student mentoring with eSIP follow up session also suggested.

Final Words

- ❑ *SIP – UHV – Activity Points of AICTE are a boon at the right time to bringing changes in Holistic Education as per NEP-2020.*
- ❑ *We acknowledge all the experts and AICTE headed by the Chairman, AICTE who are involved in conceiving the ideas, planning and implementing it successfully across the Nation on a continuous basis.*
- ❑ *Thank our University – VTU, for taking lot of initiatives in this direction.*



Q & A Session

