



# SEMSpire

## E-Newsletter



**SEMCOM**  
S.G.M. ENGLISH MEDIUM COLLEGE OF  
COMMERCE AND MANAGEMENT

Aegis : Charutar Vidya Mandal (Estd. : 1945)

[Estd. : 1997]

**SEMSpire is Monthly e-Newsletter Published by CVMU's FCML-SEMCOM.**

◆ This e-newsletter deals in all aspects of Management, Commerce, Economics, Technology and Humanities.

◆ It is open for all students, alumni, teachers and professionals dealing with above stated areas

◆ All papers/articles received by us will be published after the approval of our Editorial Team and Plagiarism Check.

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- VISION :** To contribute to the societal enrichment through quality education, innovation and value augmentation.
- MISSION :** To build up a competitive edge amongst the students by fostering a stimulating learning environment.
- DREAM :** To establish a unique identity in the emerging global village.

### GOALS:

- ◆ To focus on integral development of students.
- ◆ To offer courses and programs in tune with changing trends in the society as a whole.
- ◆ To update the curriculum as per the need of the business and industry.
- ◆ To create unique identity in the educational world at the national as well as international level.
- ◆ To institutionalize quality in imparting education.
- ◆ To incorporate innovations on a continuous basis in the entire process of education at institutional level.
- ◆ To create platform for the students for exhibiting their talent and for development of their potentials.
- ◆ To generate stimulating learning environment for students as well as teachers.
- ◆ To build cutting edge amongst the students to withstand and grow in the competitive environment at the global level.

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# THE CHARUTAR VIDYA MANDAL UNIVERSITY

Aegis: Charutar Vidya Mandal (Estd.1945)  
Vallabh Vidyanagar, Anand, Guajrat



**WE STRIVE TO CREATE LEGACY THAT WILL EDUCATE, EMPOWER AND ENRICH FROM WITHIN.**

## VISION

*We aspire to be a melting pot for educational excellence, fostering creativity, innovation and leadership.*

## MISSION

*The CVM University, an equal opportunity institution, pursues excellence in Education and Research in a conducive environment which is culturally rich with a legacy of eminence in building character and strength of mind while standing for sustainability.*

**RANKING**



## 8 FACULTIES . 19 COLLEGES

### FACULTY OF ENGINEERING & TECHNOLOGY

- A D Patel Institute Of Technology
- G H Patel College Of Engineering & Technology
- Madhuben & Bhanubhai Patel Institute Of Technology

### FACULTY OF PHARMACY

- Indukaka Ipcowala College Of Pharmacy

### FACULTY OF COMMERCE, MANAGEMENT & LAW

- R N Patel Ipcowala School Of Law And Justice
- C Z Patel College Of Business And Management
- S.G.M. English Medium College Of Commerce And Management

### FACULTY OF ARCHITECTURE & PLANNING

- Shantaben Manubhai Patel School Of Studies & Research In Architecture And Interior Design

### FACULTY OF SCIENCE/HOME SCIENCE

- Ashok & Rita Patel Institute Of Integrated Study & Research In Biotechnology And Allied Sciences
- C. L. Patel Institute Of Studies And Research In Renewable Energy
- Institute Of Science & Technology For Advanced Studies & Research
- Natubhai V Patel College Of Pure And Applied Sciences

### FACULTY OF AYURVEDA

- G. J. Patel Institute Of Ayurvedic Studies And Research

### FACULTY OF ARTS / FINE ARTS / PERFORMING ARTS

- Centre For Studies And Research On Life And Works Of Sardar Vallabhbhai Patel
- Cvm College Of Fine Arts
- Institute Of Language Studies And Applied Social Sciences
- CVM Instiute of Human Resource Development

### FACULTY OF EDUCATION / PHYSICAL EDUCATION

- Waymade College Of Education
- S. S. Patel College Of Physical Education

ज्ञान  
KNOWLEDGE  
-  
विज्ञान  
SCIENCE  
-  
प्रज्ञान  
WISDOM



620 ACRES CAMPUS AREA	51 BUILDINGS	100+ LABORATORIES	08 FACULTIES	1000+ PLACEMENT COMPANIES	157 STARTUPS IN LAST 3 YEARS
29 CONSTITUENT SFIS & GIAs COLLEGES	150+ UG /PG /PH.D.	2500+ FACULTY & STAFF	22,000+ STUDENTS	10 LAKHS+ ALUMNI	5 LAKHS+ LEARNING RESOURCES

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Sardar Vallabhbhai Patel



Shri Bhailabhai Patel



Shri Bhikhabhai Patel



Dr. H. M. Patel



Dr. C. L. Patel



Er. Bhikhubhai Patel



### FACULTY OF ENGINEERING & TECHNOLOGY

- BE/B Tech.

#### WITH MAJOR-MINOR DEGREE IN

- AIDS - (IoT/ROB/IEV)
- AE - (AIML/DAS/IoT/ROB/IEV/CP)
- CH - (AIML/DAS/IoT/ROB/IEV/CP)
- CL - (AIML/DAS/IoT/ROB/IEV/CP)
- CE - (IoT/ROB/IEV)
- CSE-IoT - (ROB/IEV)
- CSD - (IoT/ROB/IEV)
- EE - (AIML/DAS/IoT/ROB/CP)
- EC - (AIML/DAS/ROB/IEV/CP)
- FPT - (AIML/DAS/IoT/ROB/IEV/CP)
- IT - (IoT/ROB/IEV)
- ME - (AIML/DAS/IoT/ROB/IEV/CP)
- MC - (AIML/DAS/IoT/ROB/IEV/CP)

- ME/M Tech.

\*Proposed



### FACULTY OF ARCHITECTURE & PLANNING

- B.Arch
- B.Interior
- B.Planning
- M.Interior Design
- M. Urban & Regional Planning



### FACULTY OF EDUCATION

- B.Ed
- M.Ed
- B.A B.Ed.\*
- B.Sc. B.Ed.\*

### PHYSICAL EDUCATION

- B.P.Ed
- B.P.E.S.
- M.P.E.S.



### FACULTY OF SCIENCE

- B.Sc (Hons.)
- B.Sc (Stats.)
- BCA (SEMCOM & NVPASS)
- M.Sc
- M.Sc (Integrated)
- M.Sc. (AC)
- M.Sc. (IC)
- PG Diploma



### FACULTY OF AYURVEDIC MEDICINE

- BAMS



### FACULTY OF PHARMACEUTICAL SCI.

- B.Pharm
- M.Pharm



### FACULTY OF COMMERCE, MANAGEMENT & LAW

- B.Com (Hons.)
- B.Com (Hons.) - IA/CBI
- M.Com

#### MANAGEMENT

- BBA-ITM (Hons.)
- BBA (Hons.)

#### HOTEL TOURISM

- BBA (Hons.) - HM/TTM
- PGDHM

#### LAW

- BBA- LL.B. (Hons.)
- B.Com- LL.B. (Hons.)
- BA- LL.B. (Hons.)



### FACULTY OF ARTS

- BA (Hons.)
- MA
- MA Geog.(Guj Med)
- BSW
- BSW (SE)
- MSW
- MSW (HR)
- MAJMC
- ADCGC

#### FINE ARTS

- BVA
- MVA

#### PERFORMING ARTS

- PG Diploma



\*PH.D PROGRAMME IN ALL FACULTIES & DISCIPLINES

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## Salient Features of SEMCOM



**CVM**  
**UNIVERSITY**

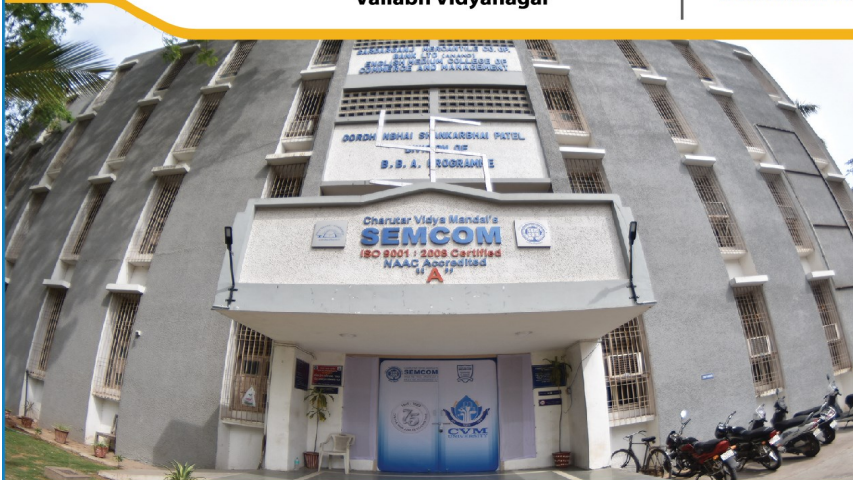
Aegis: Charutar Vidya Mandal (Estd.1945)  
Vallabh Vidyanagar

FACULTY OF COMMERCE, MANAGEMENT & LAW



**SEMCOM**  
S.G.M. ENGLISH MEDIUM COLLEGE OF  
COMMERCE AND MANAGEMENT

A Constituent College of The CVM University



1st Commerce & Management  
College in Top 11

ACCREDITED WITH  
GRADE 'A' BY NAAC  
(2009-2020)

- State-of-the art Infrastructure
- Scholarly & Qualified Teachers
- Conducive Teaching - Learning Environment
- Ever buzzing campus with co-curricular & extra-curricular activities
- Experiential Learning through Intra-institutional & Inter-institutional competitions.
- Information Resource Centre equipped with rich national & international online resources
- Only UG College Publishing UGC CARE Listed International Multidisciplinary Journal
- Start-up Nodal Institute - Government of Gujarat & Student Start-up & Innovation Policy (SSIP) facilitating development of Entrepreneurial acumen of students across streams
- Contributory & wide-spread Alumni Network



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Dear Readers,

Greetings from SEMCOM!!

SEMCOM is publishing a monthly E-newsletter since the year 2007-08. It was renowned with a name “DRIVE” and now rejuvenated as “SEMSpire” The objective of SEMSpire is to activate the literary skills of students, faculties, alumni, etc. It has sections on Faculty corner, Alumni corner, Student corner along with the kaleidoscope of achievements of SEMCOMites.

SEMSpire - E-Newletter welcomes the new ideas and expressions and look forward to bring much more throughout the year.

Hope to receive your continuous contribution. Please send your comments, suggestions and contribution to us.

Thank you.



## CAMPUS NEWS

### Gaming Competition and Seminar



Students from FYITM class ANIKESH MAJHEE and MADHVENDRA PANWAR participated in gaming competition and Seminar on “ How gaming can be converted into profession“ organized by Arena Animation". Students also learnt about the latest technical concepts of Augmented Reality & Virtual Reality. There were three rounds in Gaming competition, in the 2<sup>nd</sup> round Anikesh stood at the 1<sup>st</sup> position & he got a prize of Game Controller Device. Students also got the Certificate for participating in the event.

### Poster Presentation Competitions

CVMU celebrated Research Week. As a part of this celebration, Poster Presentation Competition was organized for First Batch of PhD Research Scholars across all Faculties of CVMU. For FCML, at SEMCOM on 20<sup>th</sup> December 2022.



## CAMPUS NEWS

### Sports

Our SEMCOM Boys and Girls team secured Third position in Inter collegiate Karate tournament organized by CVM University, Winners were VIRAJ PATEL, JANVI PATEL and ZEEL THAKKAR



### Sports

Our SEMCOM students Cdt. Dharmik Kathariya and Cpt. Vaidehi Gohil have been selected to represent Gujarat Directorate in the Republic Day Camp 2023 at Delhi.




# Congratulations

*SEMGOM Students Selected to Represent Gujarat Directorate in the Republic Day Camp 2023 at Delhi.*



**Cdt Dharmik Kathiriya**





**Cpl Vaidehi Gohil**



**EXPRESSIONS****A Discourse on Development of Indian Infrastructure with reference to Niti Ayog**

The National Institution for Transforming India (NITI Aayog) emerged on 1<sup>st</sup> January 2015 by union cabinet resolution, and replaced 65 year old planning commission. NITI Aayog is a positive and thoroughgoing step of GOI. It's a think-tank of the country, which ensures two ways flow of policies from centre to state and state to centre. This way NITI Aayog aims at cooperative federalism that is an important objective of this Aayog.

(Annual Report 2022) 11

percent of total world urban population lives in India and as per world report by 2027 India will surpass China and will become most populous country of the world. Therefore urban planning and management of cities is the dire need of hour. There is an urgent to plug the gaps in urban planning capacities of our country.

To strengthen the sustainable development of infrastructure NITI Aayog has formed an advisory committee on 'Reforms in Urban Planning

Capacity in India' in October 2020, committee is responsible for various aspects including education, demand & supply of human resources & governance.

This committee also recommend increasing the role of private sector to improve the overall planning capacity in the country. To commemorate 75 years of progress in India, the government is celebrating the 'Azadi ka Amrit' Mahotsav (AKAM) from 12th March 2021 to 15 August 2023. Under AKAM,

***“A major institutional reform is the move away from merely planning, to transforming India. The setting up of NITI Aayog, is a step in this direction.”***  
— Narendra Modi

NITI Aayog has organised events under five major themes such as Aspirational Districts, Programmes, Atal Innovation Mission, Women Entrepreneurship Platform, Innovative Agriculture and E-Mobility. The government of India has come up with a very ambitious and next generation infrastructure scheme called Gati\_Shakti\_Scheme(GSS), it is a national master plan for multi model connectivity plan to bring down the cost of infra-

structure projects along with a decrease in logistics cost. This will help both ease of living and ease of doing business. This master plan will give the momentum of 21<sup>st</sup> century India. GSC is a digital platform which brings 16 ministries for well-coordinated implementation of infrastructure connectivity projects, this will include Bharatmala, Sagarmala, & inland waterways, land-ports, this will also include Economic zones like textile groups

pharmaceutical group, defence corridors, industrial groups, fishing clusters, and agriculture zones to improve correspondence between various Indian businesses .This will help in removing lack of coordination between various projects and utilization of all infrastructure capacities. It is 100 lakh crore project announced by PM Modi. This digital platform offers geo-information data including that of existing infrastructure. This will help various departments of

will also help various ministries to prioritize the projects based on cross-sectoral interactions and it will help in reducing overlapping of work. There are six main areas of PM-GSS (1) Wide-Scope or Comprehensive, (2) Prioritization, (3) Optimization, (4) Coordination, (5) Analytical, and (6) Dynamic. This scheme tends to give more speed (Gati and Power Shakti) to concern department by connecting 16

(different departments on single platform. This helps Aatmanirbhar Bharat movement and boosts the goal of making five trillion dollar economy. The current logistic cost compound around 13 per cent of India's GDP whereas in other economically advanced countries it is only 7 to 8 per cent of total GDP, it is estimated that PMGSS will help in reducing

this logistic cost to large extend with the help of modern technology including ISRO and BiSAG-N (Bhaskaracharya National Institute for Space Application and Geoinformatics) for coordinating planning of infrastructure.

**Dr. Geetanjali Chauhan**  
Assistant Professor,  
SEMCOM.



**EXPRESSIONS****MUSIC AND TEENS**

**“Where words  
fail  
Music speaks!”**

Around 82% of teens around the world claimed that they listen to music everyday. Music varies in genres from Pop music to Rock, Classical music, Country music and Folk music. With the increasing interest of the young generation in music, it begs the question “What is the impact of music on teens?” This is a quite popular question among music researchers. They claim that most of the effects of music happen to be benefi-

cial and positive, but like any aspect they too have a dark side. Music positively benefits the teens today by benefiting their mental health, increase social bonding and enhancing their creativity.

Music has shown to have significant benefits when it comes to mental health by reducing stress, improving motivation, improving mood and getting better sleep. With academic stress and entering the real world, it becomes important to

maintain a good and stable mental health for optimum performance to compete. The concept of music therapy works on achieving some of the same goals by setting certain music tempo and intervention. Through research it has been seen that listening to music causes a significant improvement in memory. Music holds the attention of the listener, hence training the brain to focus (Wang). And so increases the ability to grasp

how musical training links to improving cognitive ability hence assisting in the development of the teens. One of the main aspects of teen life is social connection - whether it be with family or friends. Studies have shown that music is an asset when it comes to forming social connections. A social neuroscientist at Bar-Ilan University in Israel conducted research and said “Music connects us to our humanity”. And hence con-

necting with oneself leads to forming connections with others. Songs bring people together as a group and help in finding their social and group identity giving them a sense of belongingness (Bar-Ilan University). And being that it allows teens to find common grounds with others and form connections and broaden their network. Along with knowledge and skill, Creativity plays a vital role in the ability of an individual, which is crucial for a per-

son’s development in today’s workplace. The meaning of creativity broadens to imply ‘Divergent Thinking’. Research has suggested that listening to happy music has shown the best results in creativity development (Suttie). This improves the capability to switch between concepts and perspectives and think out of the box instead of thinking of any situation as a rigid point. This directing links to the positive overall development of an individual.

Music in a way transfers the rule, expectation and even values of a social order. An issue arises when many songs that exist today have an abounding mention of drugs and violence being glorified. This can provoke negative behaviours in the listeners by amplifying certain negative emotions (“The Correlation of Youth Culture and Music”). Music is something people connect with and hence this

can have a potential negative effect and so the producers should be mindful of such lyrics.

Music is considered the “Gateway to God”. It is an important and integrated part of life and it provides enormous benefits. It helps in maintaining a stable mental health with improving memory power. With that it also increases social bonding and enhances their creative

skills. Music provides a critical part of the overall development of an individual. So, to conclude music is essential to a teen life and it provides a positive effect to them.

**Ms. Hinal Suthar**  
SYBBA-ITM  
(SEMESTER-IV)

**EXPRESSIONS****The key to all wisdom is knowing oneself**

***“Knowing oneself is the beginning of all wisdom . “***

We can learn wisdom in three different ways: first, by reflection, which is the highest form; second, by imitation, which is the simplest; and third, by experience, which is the most painful. So, self-reflection is essential if you want to pursue wisdom in the most honourable manner. You must comprehend how you "click" in order to take charge of your life, happiness,

can affect your life, whether you wish to enhance things at work, at home, or with pals. Ask yourself questions and develop an interest in oneself. Write down the questions if that makes it simpler, and be sure to write down your responses as well. You can ponder your past, present, and future and gather answers that are inspiring, illuminating, and motivating to

and success. Do some work-related circumstances make you feel stressed out while others don't? Do you find it difficult to discuss some subjects with your family members? How come? For many people, comprehending and overcoming long-held preconceptions and restrictions begins with taking the time to reflect on oneself. Even if taking action is crucial, being still

you. We have less time than ever to reflect on ourselves. We often occupy all of our leisure time with entertainment that is always at our fingertips. It's simple to get caught up in life and forget to take things slowly. Self-introspection techniques come to the rescue in this situation. We may set up checkpoints for ourselves to tune in and understand how we are

has power. What do we see when we hold a mirror to our thoughts? We see more opportunities. We can see connections between thoughts and situations that allow us to put the pieces together. We also learn new things that enable us to reach our full potential. This article has all the information you require regarding how spending time introspecting can

truly doing at our core when we deliberately incorporate self-introspection practise into our wellness regimen. We can take control away from the distractions of our contemporary, fast-paced existence and instead emphasis on fulfilment by improving our capacity to comprehend ourselves, our motives, and learning more about our own values. I would conclude

with the lovely quote: "Interpretation is outwards. Introspection is inwards. Interpret less. Introspect more".

**Ms. Gayatri Bhagnani**  
**ALUMNI**  
**BBA-ITM (2016-2019)**



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