

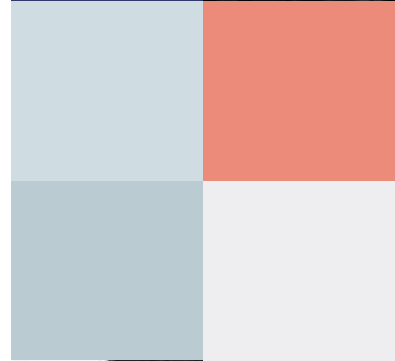


Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
 TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



Faculty of Science School of Computer Science

BCA (Science)



BCA (Science)
 MIT-WPU





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Core Thought of MIT-WPU

Union of Science and Spirituality alone will bring Harmony
and Peace to
Humanity -Swami Vivekananda

Since 1983, MIT Pune, is driven by Universal Values, Ethos,
Culture and Traditions for the well-being of the Global Society
at large



Technology, Research, Social Innovation and Partnerships for Sustainability

Partnerships

Partner with all individuals and organizations who can help students realize their fullest potential

Social Innovation

Inspire students to come up with innovative solutions for our world family

Research

Foster the spirit of scientific inquiry in students, to push the envelope of human knowledge and wisdom

Technology

Nurture the ability of students to apply scientific knowledge for the well-being of the world

Continuously Updated Education (CUEd)



A revolutionary education system that is flexible and Continuously Updated while interacting with surroundings.

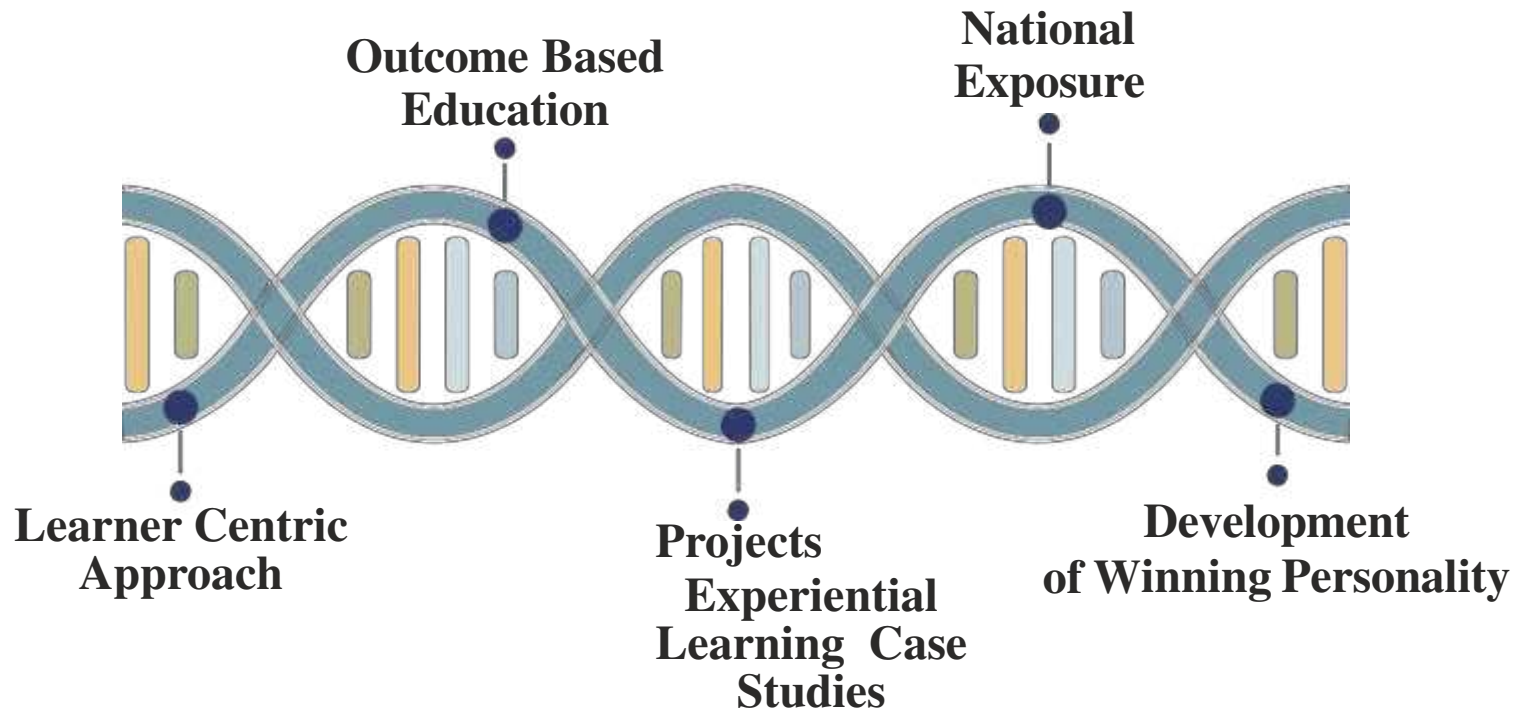


Contemplates the future based on current events. Includes course material dynamically to help students respond to the current events by understanding, designing and presenting a professional solution.

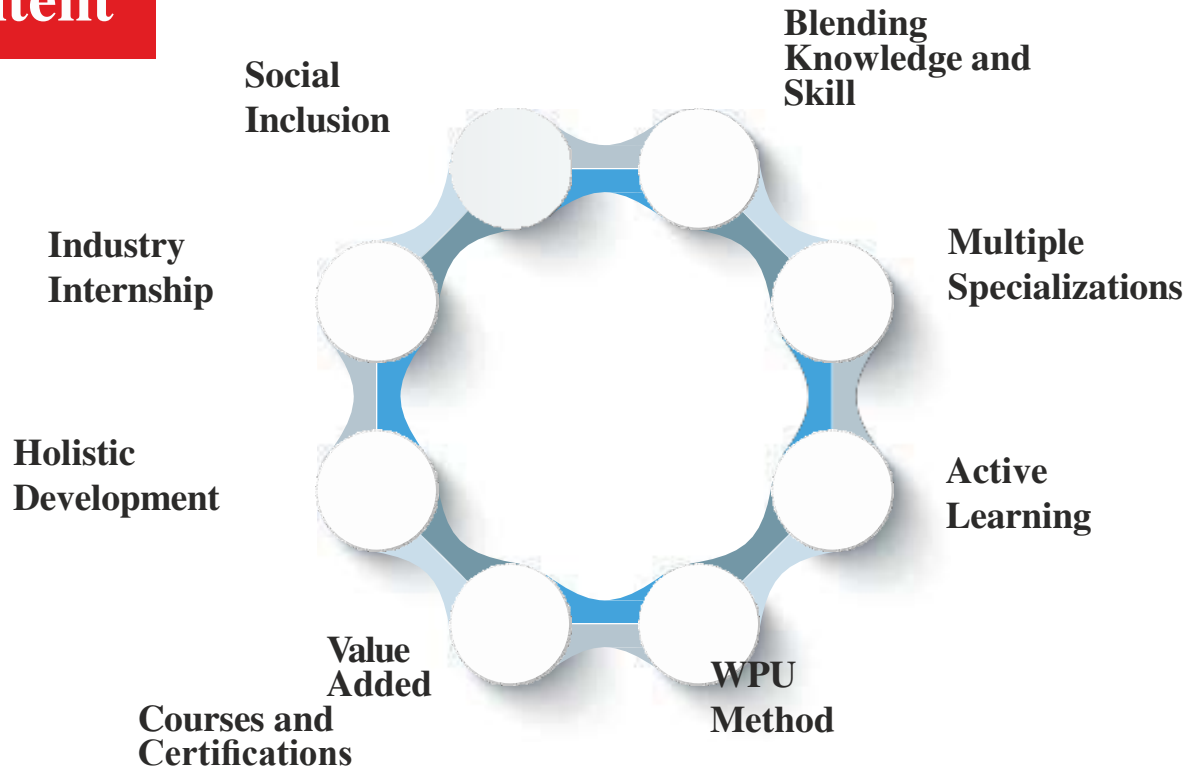
UN Sustainable Development Goals



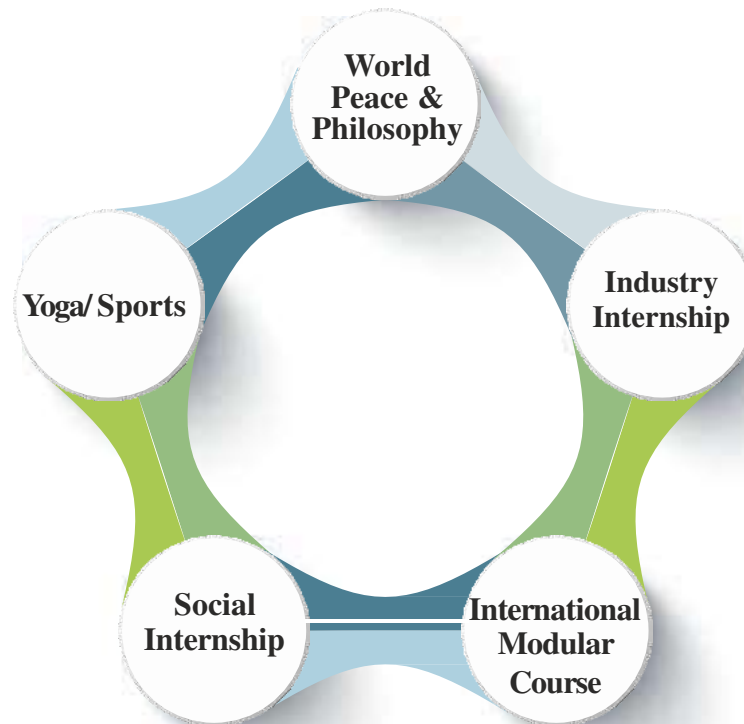
Advantage@MIT-WPU



The Content



Enhancements in Curriculum and Special Certificate Courses





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Life Transformation through Peace and Education

Founder's View

Dr. Vishwanath D. Karad's passion has always been to create an educational system that blends science & spirituality. He advocates that Peace is not just a concept or theory;
“Peace is to be Practised and Experienced.”

Peace in Education

Education without values & ethics is meaningless and could even be dangerous to the society.

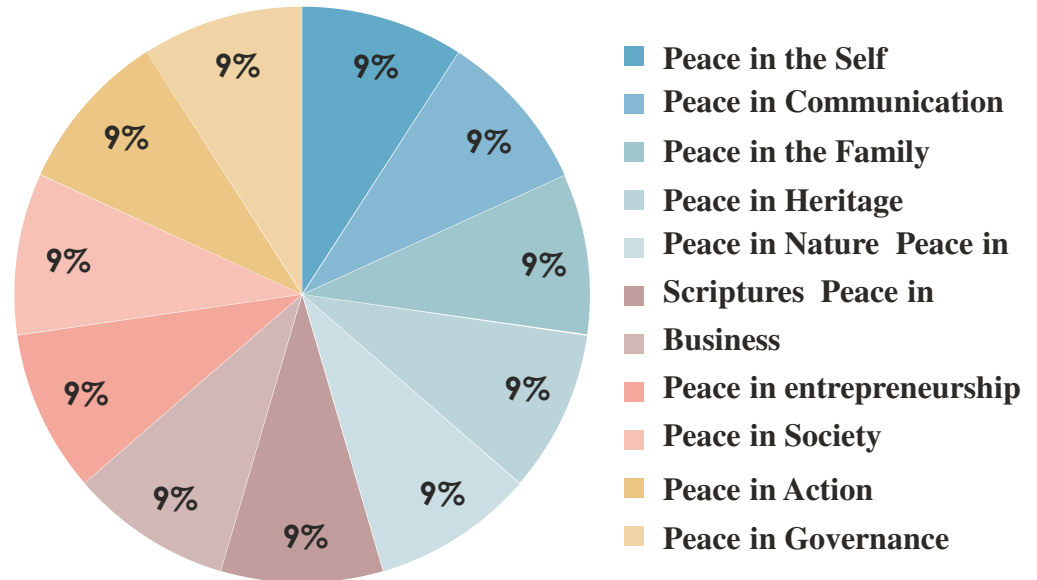
At WPU, we aspire to make our student contribute to the global sustainable peace and welfare of humanity.

Peace

What Does Peace mean to us

There are **5 dimensions** to our offering and from a Student's perspective, he/she can get educated on the following.

- Learning PEACE
- Practicing PEACE Living in
- PEACE
- Sharing & Spreading PEACE
- Securing PEACE



Learning Peace

Learning Peace				
PEACE IN YOU	PEACE •Introduction to Peace Study & Rules of Engagement •Introduction to Current Issues •Self Presentation	MIND •Understanding the Self •Understanding the Motivations •Understanding Thoughts	BODY •Understanding Nutrition •Understanding Exercise •Lab Work	SPIRIT •Yoga •Mindfulness / Meditation •Purpose
PEACE IN HERITAGE	ROOTS •Introduction to Roots and Culture •Indian Peace Heritage	ROOTS •Values •Ethics	SOCIAL RESPONSIBITLY •Duty •Balance: Economy and Ecosystem	COMMUNICATION •Understanding Verbal Communication •Non Verbal Communication
PEACE IN COMMUNICATI ON	COMMUNICATION •Assertiveness •Negotiation •Con ict Resolution	THOUGHT •Critical Thinking •Heroic Acts and Heinous •Crimes (biography)	EXPRESSION •Art •Film •Music •Dance	DELIVERY •Performance Creation •Spoken Word (Slam Poetry)

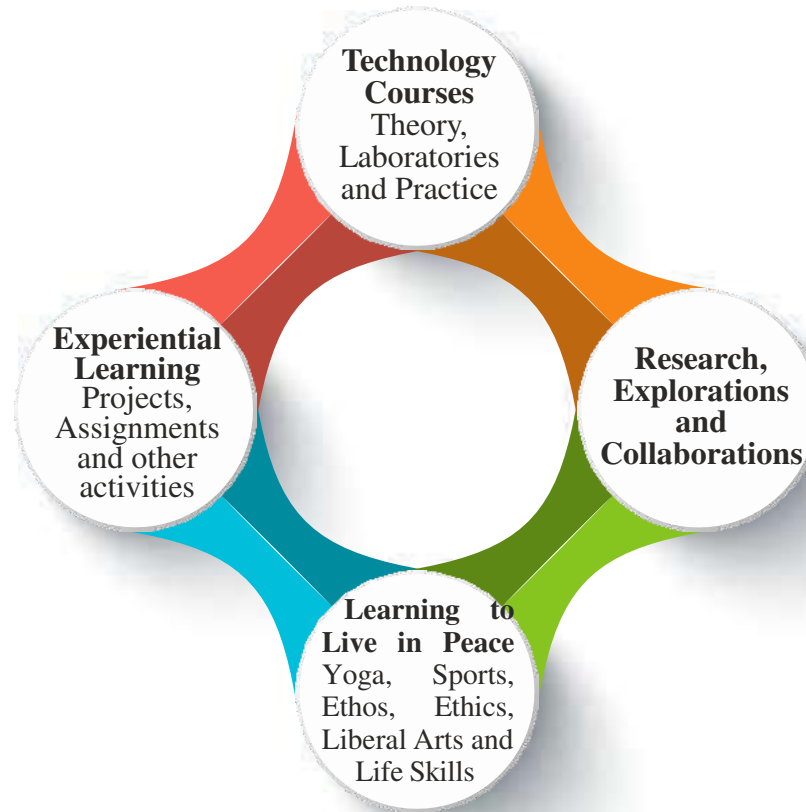
Practicing Peace

Practicing Peace				
PEACE IN SCRIPTURE	SCRIPTURE STUDY •Hinduism •Buddhism	SCRIPTURE STUDY •Jainism •Sikhism	SCRIPTURE STUDY •Islam •Bahai •Su sm	SCRIPTURE STUDY •Judaism •Christianity
PEACE IN FAMILY	INTRO •Family System •Responsibility	FAMILY LAW •Family Legacy •Gender Equality	WELL-BEING •Child •Education	SKILLS •Parent •Empowerment
PEACE IN HUMANITY LIVING IN PEACE	HUMAN THEMES •Passion •Compassion •Tolerance	HATE •Terrorism •Vigilance •Cost of Hate	CONFLICT STUDIES •Mediation •Sustainable Peace	HEALING •Human Rights •Reconciliation

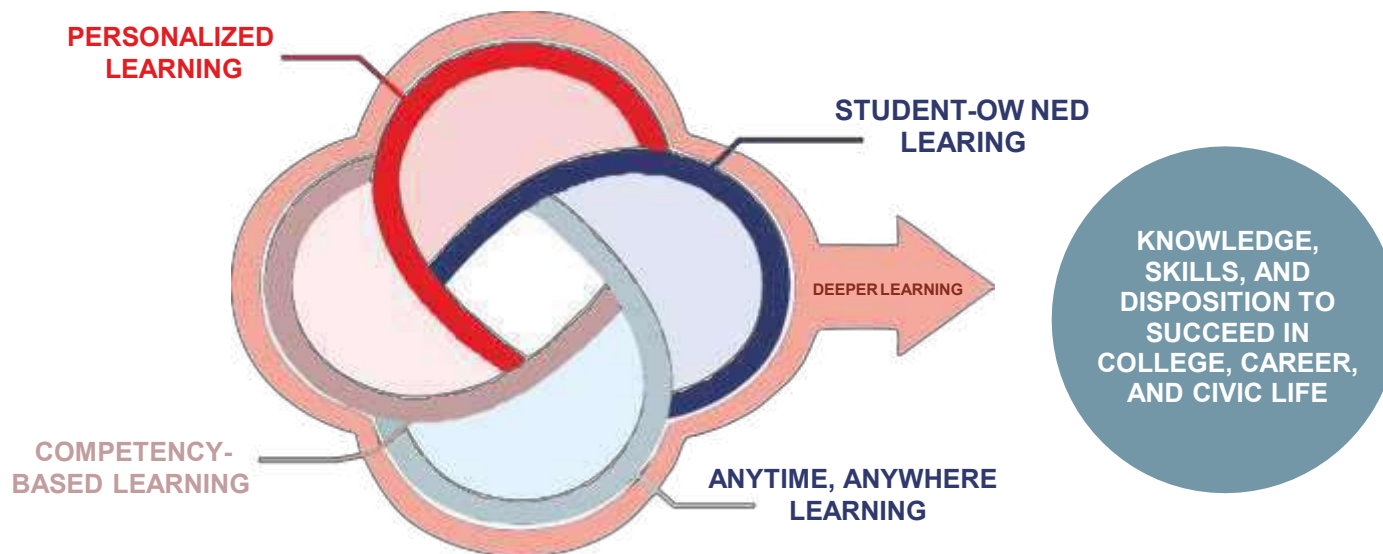
Sharing & Spreading Peace

SHARING & SPREADING PEACE				
WORLD PEACE	PEACE IN DEVELOPMENT •Town / City Planning •Renewable Energy	PEACE ECONOMICS •Cost of Harmony •Interacting Policies	PEACE IN OCCUPATION •Corporate Governance •Strategic Management •Business Development	PEACE IN PUBLIC GOVERNANCE •Public Governance •Civics
PEACE FOR TOMORROW	INNOVATION •Grass Root Innovation •Project Work	SUSTAINABILITY •Harmony in Nature •Project Work	AGROCHOLOGY •Sustainable Farming •Community Development	PEACE IN NATURE •Ecology •Integrated Resource Management
PEACE IN SOCIAL ENTREPRENEURSHIP	SOCIAL ENTREPRENEURSHIP •NGO Study •Outbound	INDIVIDUAL SOCIAL RESPONSIBILITY •Agriculture •Water •Women Issues	INDIVIDUAL SOCIAL RESPONSIBILITY •Child •Food •Shelter	INDIVIDUAL SOCIAL RESPONSIBILITY •Health & Safety •Sanitation
PEACE IN ACTION SECURING PEACE	ARMED FORCES •Navy •Army •Air Force	ASSESSMENT •SOP For NGO Assessment •Project Work	OUTREACH •Social Media •Workshop	TECHNOLOGY •Developing Technology for Sustainable Program •Delivery Techniques

MIT-WPU Student Activities



Learning Experience at MIT-WPU



Bachelor of Computer Application BCA (Science)

Admission Intake: 80

Academic Year: 2019 - 20



Objectives of the Programme

To provide project based and experiential learning.

To prepare graduates who will be successful professionals as Software Developer, Programmer, Trouble-shooter, System Analyst, Software Application Architect, Software Consultant, Hardware Engineer, Technical Writer, Systems Engineer, Web Designer, and Web Developer.

To prepare graduates who will contribute to society as ethical and responsible citizens with Technology, Research, Social initiatives and Peace Studies.

To prepare graduates to become globally competent.

Learning Objectives



Performance
Conditions
Criteria

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Programme Intake, Eligibility & Selection Criteria

INTAKE	DETAILS	ELIGIBILITY	SELECTION CRITERIA
80	Three year trimester program with credit based system	HSC / 12th Science with 50% of Marks (45% marks aggregate in case of candidate backward class categories and persons with disability belonging to Maharashtra state only) (OR) Three Years Diploma conducted by BTE, Maharashtra after SSC. (OR) Passed its equivalent examination.	On 12 th Merit Basis



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Salient Features

- Project based learning pedagogy
- Regular industry interaction
- Strong alumni guidance and support
- 100% placement assistance and career counseling
- Regular counseling / mentoring for students
- National exposure to enhance students' vision and enrich their personality

Contd..



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Salient Features

- Round the clock state of the art computer labs with networking, internet and Wi-Fi connectivity
- Centralized Placement cell
- Additional inputs from industry experts
- An ideal blend of academics with sports, culture, yoga and holistic lifestyle
- Inclusion of philosophy and world peace teachings in curriculum



Programme Mapping

Duration	<ul style="list-style-type: none">• Three Years, Full Time Programme
Pattern	<ul style="list-style-type: none">• Trimester System• Nine Trimesters
Credit System	<ul style="list-style-type: none">• Choice Based Credit System• 112

Programme Structure

Trimester I	Trimester II	Trimester III
Fundamentals of Computer	Advanced C	Data Structures using C
Programming in C	Applied Mathematics	Computer Organization & Microprocessor
Business Mathematics	Database Management System	Relational Database Management System
Introduction to Logical Circuit & Digital Design	Calculus & matrices	Software Engineering
Lab on C	Lab on Advanced C & DBMS	Lab on Data Structure & RDBMS
World Famous Philosophers, Sages/Saints and Great Kings	Professional Certification I	Study of Languages, Peace in Communications and Human Dynamics

Programme Structure

Trimester IV	Trimester V	Trimester VI
Object Oriented Programming using C++	Object Oriented Software Engineering	Design & Analysis of Algorithms
System Programming & Operating System	Dot Net Framework	UNIX Programming
Computer Networks	Numerical Method	Elective III (MOOC)
Elective I	Elective II	Open Elective I
Lab on C++	Lab on Dot NET	Lab on Shell Script
	Philosophy of Science and Religion/Spirituality	Professional Certification II

Programme Structure

Trimester VII	Trimester VIII	Trimester IX
Java Programming	Advanced Java Programming	Artificial Intelligence
Web Programming using PHP	Grid & Cloud Computing	Information Security
Software Testing and Quality Assurance	Optimization Techniques	Elective VIII
Elective IV	Elective VI	Elective IX(MOOC)
Elective V	Elective VII	Open Elective II
Lab on Java and PHP	Lab on Adv. Java	Lab on Artificial Intelligence
Indian tradition, Culture and Heritage		Professional Certification III
		Scientific studies of mind, matter, spirit and Consciousness

Opportunities in TOP IT Companies

Company Name	Company Name
Infosys	Google
Harbinger	Microsoft
IBM	L & T
Wipro	Amazon
TCS	Capgemini
Cytel	Zensar Technologies
Cognizant	Delloite
Accenture	
Nvidia	



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Pedagogies

- Conceptual Learning
- Project Based Demonstrations
- Hands on session
- Interactive Class Participation
- Assignments / Quizzes / Presentations
- Joint Group Activities

Resource Persons





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Resource Persons



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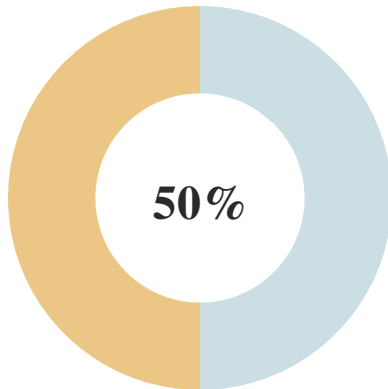
National Study Tour

Sr. No.	India\Abroad	Name of the Institute/Industry
1	Bangalore	SiliconValley Bangalore
2	Ahmedabad and Gandhinagar	GIFT City(Gujarat International Finance Tec - City)
3	Delhi Noidaand Gurgaon	NCR(National Capital Region)
4	Hyderabad	Cyberabad
5	Chennai	IT-Infrastructure

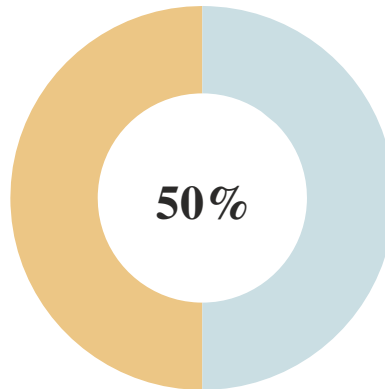
Assessment

A blend of periodic written assessment and continuous assessment will be used for better engagement of student and effective evaluation.

Term End Exam



Continuous Assessment



• **Choice Based Credit System**



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MoU's





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Campus Placements





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Campus Placements



And Many More...

Campus Life





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Campus Life



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Rural Immersion Program - Activities





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THANK YOU