

 <b>ATMIYA UNIVERSITY</b>	<b>NAAC – Cycle – 1</b> <b>AISHE: U-0967</b>	
	<b>Criterion 1</b>	<b>CA</b>
	<b>KI 1.3</b>	<b>M 1.3.1</b>

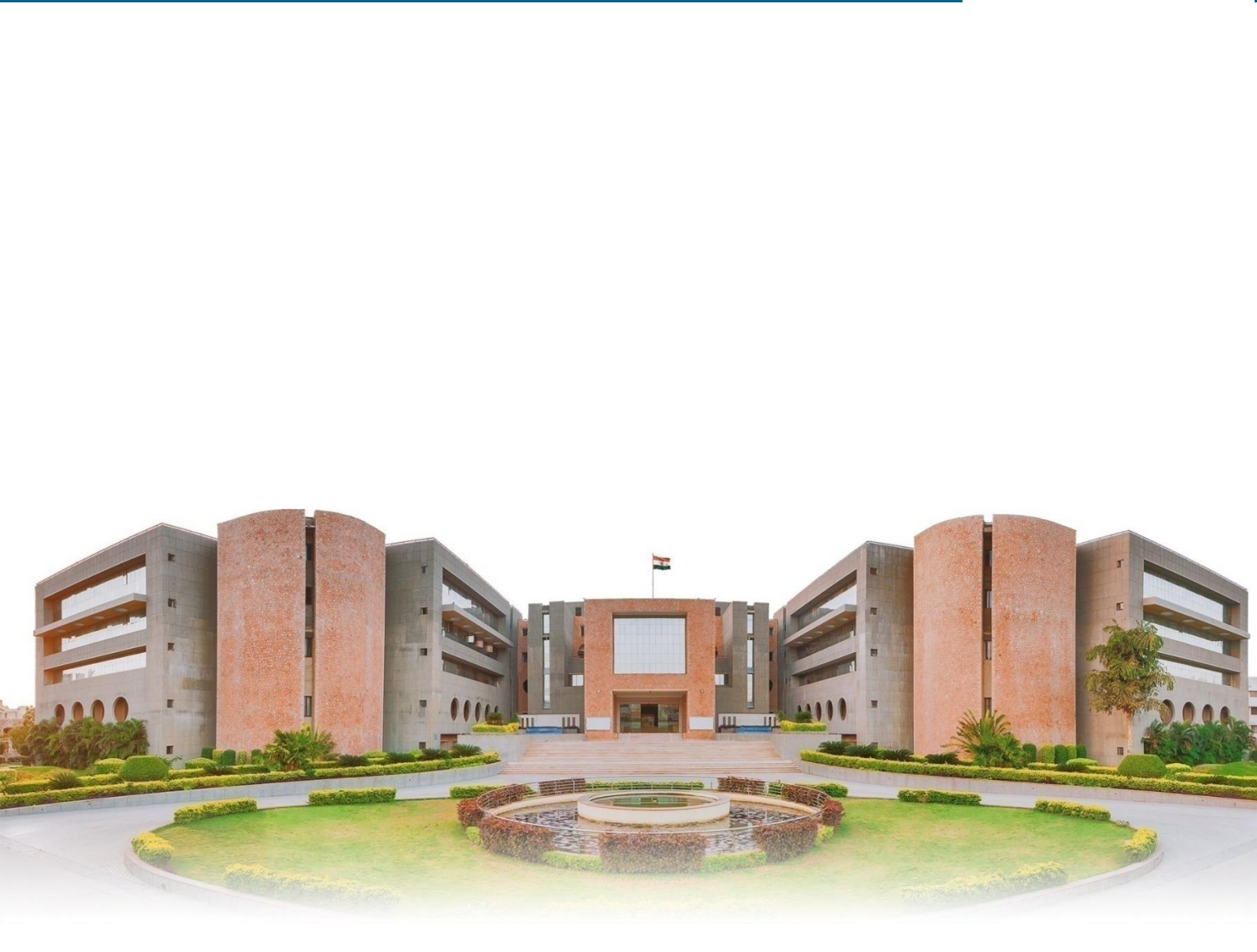
<b>1.3.1</b>	<i>Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment &amp; Sustainability and other value framework enshrined in Sustainable Development goals and National Education Policy – 2020 into the Curriculum</i>
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## Additional Information

# Transformative Education Model at Atmiya University & Some Special Initiatives



# ATMIYA University



## Transformative Education Model at Atmiya University & Some Special Initiatives

# Transformative Education Model at Atmiya University

Human living can be seen as encompassing the 4 levels viz. self, family, society and nature / existence. The fundamental human aspiration of eternal happiness is rooted in the pursuit of harmony at each of these levels:

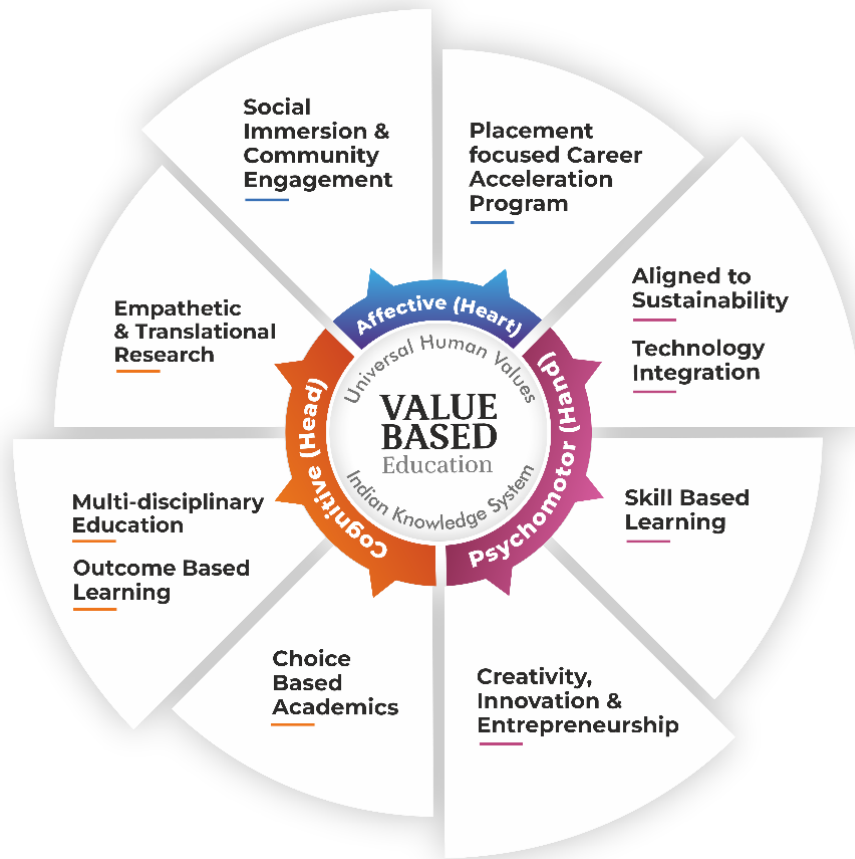
- Harmony in Self - Resolution within self (स्वयं मे समाधान)
- Harmony in Family - Prosperity in Family (परिवार मे समृद्धि )
- Harmony in Society - Fearlessness in Society (समाज मे अभय )
- Harmony in Nature - Balance in Nature (प्रकृति/अस्तित्व मे संतुलन )

This can be achieved through understanding of inherent co-existence that exist in the existence.

At Atmiya University, we believe that education is a powerful tool to cultivate human aspirations, instil values that foster harmonious relationships, develop skills essential for human prosperity and mutual enrichment with nature. By nurturing a strong foundation in Sanskar (cultural values) and a profound understanding of the purpose of life (Jeevan), we aim to foster holistic development through education across three key dimensions namely Livelihood (व्यवसाय), Living (व्यवहार) and Life (चेतना विकास). Through this holistic approach, we strive to empower individuals to lead meaningful and fulfilling lives, contributing positively to society and the planet.



Thus, Atmiya's Model of Transformative Education prioritizes behavioural change through education for life, aiming overall betterment of self, family, society and nature at large. Unlike conventional educational models that often prioritize cognitive development followed by psychomotor and affective domains, this model places affective development at its core.



Inspired by this model the learner-centric approach at the University fosters the holistic development of student by integrating domain knowledge, professional skills and life skills (*Jeevan Vidya*). In light of this following Graduate Attributes (स्वायत्त मानव के लक्षण) are identified which not only maps the contemporary graduate attributes but goes beyond these.

- Trust in oneself (स्वयं में विश्वास)
- Respect for qualities and values (श्रेष्ठता का सम्मान)
- Balanced & Integrated Personality (प्रतिभा और व्यक्तित्व में संतुलन)
- Social in behavior (व्यवहार में सामाजिक)

- Self-reliance in occupation (व्यवसाय में स्वावलंबी)

By cultivating these attributes, the University aims to produce compassionate and capable individuals who are well-prepared to lead meaningful and impactful lives.



# Some Special initiatives towards promoting Professional Ethics, Gender, Human Values, Environment & Sustainability and SDGs

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## 1. Faculty of Transformative Education

Faculty of Transformative Education was introduced at Atmiya University in 2023. It is a unique initiative by the University with an objective to mainstream the values and life skills in teaching, training and research with emphasis on Consciousness Development, Sustainability, Indian Knowledge Systems and Humanism.

Faculty of Transformative Education has been started with the following three Schools:

1. School of Consciousness Development and Value Education
2. School of Indian Knowledge System
3. School of Sustainable Development

Ph.D. in *Chetna Vikas Mulya Shiksha* (Consciousness Development and Value Education) in light of *Madhyastha Darshan* is currently offered under School of Consciousness Development and Value Education. It emphasizes the exploration of co-existence, interdisciplinary learning, and value-based education, equipping scholars to address contemporary challenges through sustainable solutions. The program fosters content creation, innovative problem-solving, and practical applications rooted in philosophical principles, seamlessly integrating philosophical inquiry with contemporary applications.



## 2. Courses introduced in Curriculum

### 2.a Mandatory Courses

The University takes a proactive approach to holistic education through its special initiatives by offering mandatory courses on Professional Ethics, Gender Sensitivity, Human Values, Environment & Sustainability, and Sustainable Development Goals (SDGs) to all students. These courses are integral to the curriculum, aiming to nurture socially responsible and ethically grounded graduates.

Course Title	Course Code	Offered to	Course Objectives
Human Values for Holistic Living	23UGVE070	All UG students	<ul style="list-style-type: none"><li>• Understand value education and basic aspirations humans.</li><li>• Understand the needs of self and body based on their natural acceptance and through self-exploration.</li><li>• Understand human-human relations and fulfilment of the expectations in relations.</li><li>• Understand the laws of nature.</li></ul>
Wisdom & Ethics for Success in Life	21CEWE01	All PG students	<ul style="list-style-type: none"><li>• Differentiate academic success, career success and life success</li><li>• Identify the correct priority order in life and illustrate the human goal</li><li>• Understand that the relationships and their definite nature.</li><li>• Understand the Interconnectedness between all the orders in existence.</li></ul>
Introduction to Sustainable Development Goals	21AESD101	All UG students	<ul style="list-style-type: none"><li>• Define and relate to concepts of sustainability and development</li><li>• Identify and interpret the SDGs</li><li>• Recognize and classify the SDGs into 5 Ps</li></ul>



Course Title	Course Code	Offered to	Course Objectives
			<ul style="list-style-type: none"> <li>• Infer the importance of SDGs as Development Index</li> <li>• Summarize the interdependence and inter-connectedness of SDGs in three dimensions - Social, Economic and Environmental</li> </ul>
Environmental Conservation and Sustainable Development	21AEES201	All UG students	<ul style="list-style-type: none"> <li>• Understands and realize the multidisciplinary approach of environment.</li> <li>• Understand importance of natural resources and biological diversity</li> <li>• Become aware about the global scale of environmental pollution, climate issues and environmental policies.</li> <li>• Correlate exploitation and utilization of conventional and non-conventional energy resources.</li> </ul>
Internship on Social Immersion	22BCIPCR301	All UG students	<ul style="list-style-type: none"> <li>• Empathize and understand social issues and problems through first-hand experience.</li> <li>• Learn to appreciate and respect different ways of thinking and living.</li> <li>• Learn skills of collecting, organizing and interpreting data and information.</li> <li>• Develop interpersonal skills and learn social and professional etiquette.</li> <li>• Nurture an attitude of 'giving back' to society</li> </ul>





Course Title	Course Code	Offered to	Course Objectives
Concept to Practice	22BCIPCR401	All UG students	<ul style="list-style-type: none"> <li>• Understand problem identification, formulation and solution.</li> <li>• Understand complex problems and design problem solutions.</li> <li>• Communicate with the community at large in written and oral forms.</li> <li>• Demonstrate a sound technical knowledge of their societal problems.</li> <li>• Demonstrate the knowledge, skills, values and attitudes of professional graduates.</li> </ul>

## 2.b Non-Mandatory Open-Elective Courses

Atmiya University offers a diverse range of non-mandatory open-elective courses for undergraduate and postgraduate students, focusing on Professional Ethics, Gender Equality, Human Values, Environment & Sustainability, and Sustainable Development Goals (SDGs). These courses, designed to complement the academic curriculum, provide students with opportunities to explore critical global and societal issues in greater depth.

Course Title	Course Code	Offered to	Course Objectives
Holistic Human Health	21UTDE028	All UG students	<ul style="list-style-type: none"> <li>• Introduce universal health principles</li> <li>• Initiate / strengthen the process and practices to keep the body in harmony</li> <li>• Generate interest, commitment and to make effort for realizing holistic human health and staying healthy</li> </ul>



Course Title	Course Code	Offered to	Course Objectives
Vision for Humane Society	21UTDE027	All UG students	<ul style="list-style-type: none"> <li>Understand the values ensuring justice in human-human relationship.</li> <li>Develop competence to think about the conceptual framework of humane society which includes undivided society (relationship based) and universal human order (system based).</li> </ul>
Introduction to Indian Knowledge System	21UTDE025	All UG students	<ul style="list-style-type: none"> <li>Introduce the overall organization of Indian Knowledge System and its multi-dimensional nature.</li> <li>Understand the role and importance of Veda, Upveda, Vedanga and Puranas there by developing interest and appreciation.</li> <li>Understand relationship between the Ancient Indian Art and Culture.</li> </ul>
Holistic Health Care with Yog and Ayurveda	21UTDE026	All UG students	<ul style="list-style-type: none"> <li>Understand role of Yog in achieving good health, mental hygiene, emotional stability, higher level of consciousness.</li> <li>Introduce the fundamental principles of Ayurveda, its applications and relevance in contemporary society.</li> <li>Introduce the basic ideas of AYUSH.</li> </ul>
Pranayama & Meditation	18AEVA021	All UG students	<ul style="list-style-type: none"> <li>Understand role of Pranayama &amp; Medication in achieving good health, mental hygiene, emotional</li> </ul>



Course Title	Course Code	Offered to	Course Objectives
			<p>stability, higher level of consciousness.</p> <ul style="list-style-type: none"> <li>• Introduce basic, classical and scientific knowledge about Pranayama and practices leading to Meditation.</li> <li>• Benefits of Pranayama and Meditation in disease prevention and health promotion.</li> </ul>
Six System of Indian Philosophy, Upanishads and Science Behind it	21UTDE037	All UG students	<ul style="list-style-type: none"> <li>• Decipher science behind six systems of Indian philosophy and Upanishads.</li> <li>• Nurture objectivity and scientific temperament.</li> <li>• Understand six systems of Indian philosophy and Upanishads using modern technical jargon of science</li> </ul>
Study of Indian Ancient Painting & Crafts	21AECO030	All UG students	<ul style="list-style-type: none"> <li>• Introduce to the diversity and richness of Indian art forms and culture</li> <li>• Understand the heritage of India and its art techniques</li> <li>• Learn to demonstrate the artwork through training.</li> </ul>
National Cadet Corps (NCC)	21AECO027	All UG students	<ul style="list-style-type: none"> <li>• Know about the history of NCC and its benefits in career.</li> <li>• Acquire knowledge of duties and conduct of NCC cadets.</li> <li>• Understand about different NCC camps.</li> <li>• Educate on self-awareness and social service</li> </ul>



Course Title	Course Code	Offered to	Course Objectives
National Service Scheme (NSS)	21AECO028	All UG students	<ul style="list-style-type: none"> <li>• Kindle the social consciousness.</li> <li>• Engage in creative and constructive social work.</li> <li>• Gain skills in the exercise of leadership.</li> <li>• Opportunity to enrich personality.</li> </ul>
Treatment of Environmental Waste	21AECO012	All UG students	<ul style="list-style-type: none"> <li>• Gain insight into the design and recycling of municipal solid waste.</li> <li>• Learn various treatments for recycling of gas and wastewater.</li> <li>• Understand the design and operation of Plastic waste-to-energy facility.</li> <li>• Develop a basic knowledge about the E-waste recycling process.</li> </ul>
Renewable Energy Sources	21AECO019	All UG students	<ul style="list-style-type: none"> <li>• Knowing renewable energy source</li> <li>• Performance analysis of Solar cell/module/Array modelling</li> <li>• Design module and its output analysis</li> <li>• Identify various components of Wind Energy Conversion system</li> </ul>

### 3. Projects, Initiatives & other Recognitions

#### 3.a Rajkot City SDG Awareness Campaign

The Rajkot City SDG Aware campaign was the brain child of Atmiya University and conceptualized in collaboration with SDG Choupal, New Delhi and local Government agencies namely Rajkot Municipal Corporation, District Education Office, Rajkot and Paschim Gujarat Vij Company Limited (PGVCL). It was announced with the following objectives on 6th January 2022.

- To raise the awareness among the general public regarding the necessary actions and behaviours for promoting a sustainable planet.



- To utilize resources efficiently for training and capacity building by involving stakeholders.
- To establish a collective action model that prioritizes responsible citizen-focused sustainable development.
- To set an example as a university-community partnership model for the betterment of humanity, society and nation as a whole.

The Pilot Project under this campaign was executed during 6<sup>th</sup> January 2022 to 14<sup>th</sup> October 2022. Nearly 1.8 Lakh citizens of Rajkot city have been reached and made aware of the SDGs through various programs few of which are listed below.

- Activities were planned ward-wise across the city at various places like ward office, schools & colleges, public parks, Government offices, hospitals, important traffic points, etc.
- Door-to-door campaign, awareness rally, public survey, exhibition, etc. were also the part of various activities.
- Orientation and training programs were conducted by both internal and external experts.
- Campaigns were organized aimed at raising public awareness, with a focus on engaging students and NGOs.
- Various initiatives were taken to promote general awareness.
- Development of an interactive digital platform for sharing ideas, showcasing best practices, and acknowledging individuals for their contributions and initiatives.



Nearly 2000+ University students volunteered for the activity. In addition to the partnering organization the campaign received voluntary support from Industries

Associations and Corporate Houses, Professional Associations, Religious institutions/ Charity organizations, Schools and Colleges, NGOs, etc.

### **3.b Educational Alliance for Sustainable Development**

Realizing the greater need for collective cross-border academic partnerships in post COVID-19 scenario in Global South countries, Atmiya University joined hand with other founding institutional and strategic partners in form of Educational Alliance for Sustainable Development (EASD). Through EASD the partner institutions agree to work on a common platform with focus on collaborative institutional efforts, driving training, capacity building, research and outreach on identified SDG related issues.

Identified focus areas for collaborative work included:

- Uniform academic credit-transfer system among institutions for cost-effective quality higher education among the partner institutions.
- Joint research and knowledge dissemination on identified research themes related to SDGs.
- Collaborative training and capacity building related to SDGs.
- Creating collective-action projects, involving different stakeholders, for making positive impact across different SDG areas. Facilitating student and faculty exchange among partner institutions.
- Creating and sharing best practices of SDG implementation across different contexts.
- Jointly creating opportunities for funding and resource support for development related projects on identified areas.

As a part of this alliance the University organised various program including

- Online international capacity-building programme Academic Leadership for Sustainable Development during August 01 - 12, 2022. The programme was targeted for higher educational leaders and was participated by 178 participants from 13 countries.
- Stakeholder Round table discussion on Climate friendly ports organized on October 4, 2022 in association with Deendayal port Authority, Education



Department, Gujarat Meritime Board and Climate Change Department, Govt. of Gujarat.

### 3.c Initiatives and Other Recognitions

As a regular practice, the University actively promotes Professional Ethics, Gender, Human Values, Environment & Sustainability and SDGs through various activities involving students. Some of the initiatives undertaken are listed here as an illustration.

- In April 2022, the Ministry of Housing and Urban Affairs (MoUHA) launched 'Mission Amrit Sarovar - Jal Dharohar Sanrakshan' to revitalize and preserve traditional local water bodies. The Department of Civil Engineering, Faculty of Engineering & Technology at the University received 4 water bodies from AICTE to conduct studies on water security and community development. Each team, consisting of an Institute Nodal Officer (INO) and 15 student interns, received Rs. 2,00,000 upon successful completion. This included a stipend of Rs. 10,000 for each intern.
- The IKS division of AICTE launched the IKS Internship Program in 2022-23. This program aimed to engage students in active research related to Indian Knowledge Systems, including ancient texts, philosophies, and practices. 24 student from the University were selected for this 2 months internship and after successful completion each received a stipend of RS. 25,000. Under the same program 13 faculty members from the University were selected as mentors.
- The University has entered into a Memorandum of Understanding (MoU) with the Gujarat State Yog Board, Government of Gujarat. As part of this collaboration, the University offers a Yoga course each semester, conducted by a certified yoga instructor. Furthermore, the University and the Yog Board jointly organize several activities throughout the year, including the annual celebration of International Yoga Day on June 21st.
- Annual international conference International Conference on Emerging Trends & Contemporary Practices (ICETCP) is event focused on exploring the inter-connected dimensions of technology, sustainability and co-existence. University has successfully organised this conference in 2022-23 and 2023-24.



- The University has an active Women Empowerment Cell. Some of the activities organized by this cell during the AY 2023-24 includes
  - A seminar on Advancing Menstrual Literacy for Women Empowerment
  - Expert talk on Kitchen Gardening and Transition to Agriculture
  - A seminar on Building Wealth Brick by Brick
  - Expert talk Women and Girls in Science: Leadership and Sustainability
  - Training program on Self-Defense (Karate Marshal Art)
  - As seminar on Awareness on Research Funding Opportunities
  - Celebrations of Women’s Day
  - Celebration of Shakti Parva (Navratri)

