GOPALAN SKILL ACADEMY
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GSA
TRANSFORMING LIVES
GOPALAN FOUNDATION

INSIDE THIS ISSUE

Director's Message

I am glad to know that the Gopalan Skill Academy is releasing a quarterly newsletter to showcase the activities. The Gopalan Skill Academy was established in the year 2016 in association with Skill India. Our vision is to create a knowledge park to offer the entire gamut of education that we understand is one of the foundations of society. Modern Technology blended with the Indian Value System will create global citizens who can make purposeful contributions to the human race. This is our humble contribution to society.

Towards this, Gopalan Skill Academy is conducting various programs/training sections to technical and nontechnical students to bridge the skill gap that an industry expert from graduating students. Programs like training on technical, certificate programs to acquire knowledge of the latest developments, Internships to give practical knowledge, young engineers camp to give a platform to bring out innovative ideas, exhibit and be entrepreneurs.

On this occasion, I congratulate Dr. Manoj and the editorial team for their efforts in bringing this quarterly magazine.

Sunitha Prabhakar
Director and Joint Treasurer
Gopalan Foundation

CEO's Message

It is indeed a great pleasure to know that Gopalan Skill Academy (GSA) is bringing out a newsletter "ANVESHANA" – to showcase the activities of Skill Academy. We stand poised on the threshold of change in the world of education. Hence, it is very important for us to adjust the sails to face the winds of change. The students today need to be equipped with knowledge, Skills, confidence and competence to attain a sense of fulfillment, understanding and facing the outside world.

I am glad that at Gopalan Skill Academy we, as educators create a safe, stimulating and learning environment for our children. In this direction, Gopalan Skill Academy is conducting a number of programs for students of Gopalan Group of Higher education Institutions. The GSA is involved in conducting programs like Technical Seminars, Summer Camps, Workshops, Expert talks to know the latest developments, Training programs to enhance the skills of the students, Internships to give hands-on experience, Young Engineers Camp to learn the latest developments in the area of technology, "A Journey from Idea to Innovation" to bring out the best idea generation to reality from the students, etc.

I congratulate Dr. Manoj and his editorial team for bringing the "ANVESHANA" on the occasion of the teacher Day.

Dr. Bhaskar Reddy.C.M
CEO, Gopalan Foundations

Editorial Message

Indeed it gives me great pleasure to bring out the first newsletter of the Gopalan Skill Academy and share a wonderful opinion of mine on our esteemed newsletter. My heartfelt thanks to our management which has nurtured this temple of learning, our CEO, Principals, Deans, the committed staff and non teaching staff of Gopalan Institutions. I thank Mrs. Manju Pallavi, GPUC for her contributions to this newsletter.

Let me thank the almighty for all the benefits he has conferred on Gopalan Skill Academy. May we be worthy to receive. I aspire this newsletter will be well received by one and all.

Dr. Manoj Challa
Vice Principal, GCEM

Editorial Team

Dr. Manoj Challa, Vice Principal, GCEM
Prof. Kartheek G C R, Asst. Professor, GCEM
Dr. M. Parveen Taj, Academic Coordinator, GCC & GRC

Events by GSA

Seminars

A one-day seminar was organized on 10th Feb 2023 at Gopalan Amphitheater for student motivation. The resource person was **Dr. Sanjeev Kumar** from CMRIT and the seminar was for GCEM students. Sir brought an awareness with respect to the development of skills that may take place through the acquisition of education and training, learning, and experience. He emphasized it is very important that every individual should make use of his or her skills and abilities to promote the welfare of the family, community, and the entire nation.

A seminar was conducted on 20th Feb 2023 at Gopalan Amphitheater for GCC students in order to motivate them to develop an interest in skill development, which was oriented by **Dr. Sanjeev Kumar** from CMRIT. He said when individuals are dedicated towards the development of skills, they motivate others and help a healthy environment building. He also mentioned that skills are required to get development for leading life and work opportunities.

Summer Camp

One month summer camp titled **"Young Engineers Camp"** was conducted from 10th April 2023 to 5th May 2023, for school students. This was conducted since skill development helps build a strong foundation at the school level. It helps build self-esteem, confidence, leadership skills, and collaboration and develops problem-solving skills. By equipping our youth with the right skills we can make them employable and ready to take on the challenge of the global economy.

Workshop

A workshop was organized for 2 days on **"A journey from idea to innovation"** by **Dr. Nageshwara Rao** from IEEE on 19th May and 20th May 2023, which was open for all. The workshop was conducted because innovations enable us to solve problems and advance knowledge in various fields. It also can provide an opportunity for team building as people will need to work together closely to generate new ideas and find solutions.

Expert talks

An expert talk was held on **"Personality Development"** by **Dr. Manjunath** from Accurise on 8th July 2023 for GCC final year students at GCC Seminar hall. Personality development is necessary and an important tool today for wholistic development of a person. The outcome of his talk was understanding individual personality types, importance of goal setting and time management for achieving goals.

An expert Session was held on 28th July 2023 on **"Time Management"** by the resource person Dr. Manoj Challa from GCEM. The talk was on understanding the importance of time management and the art of effective time management. It aims to equip with essential strategies and insight to optimize their daily routine and maximize productivity. The speaker adeptly delved into various face of time management elucidating techniques to prioritize tasks etc.

On 31st July 2023 one day expert session on **"Technology and Self"** was delivered by Kartheek GCR from GCEM for GCC first year students. It was on creating awareness among the students about technology, its impact in life and the importance of self awareness in life. It was an expert lecture that catered around the intersection of technology and self awareness. The main aim of the talk was to cultivate a profound understanding among the students regarding the multifaceted influence of technology on their lives.

As we all know, communication soft skills are the tools we use to clearly and effectively converse with others, set expectations, and collaborate on projects - A session was organized on **"Soft skills and Communication"** by **Preethi Lekha** on 31st July 2023 for GCC first-year students. The session was expertly conducted by a seasoned trainer who skillfully employed a series of interactive activities to captivate and involve the students.

On 02nd August 2023, a lecture was organized for GCC first year students by Mr. Anand Kumar from GCEM on **"Future Technologies and Placement Orientation"**. The importance of this lecture was creating awareness among students about future technologies, their preparation and placement opportunities. The outcome of the lecture was to bring awareness about industrial functioning, requirements of current skills, importance of knowledge, skill sets and the difference between them, internships, projects, placements etc.

An expert session was held on 02nd August 2023 on **"Empowering innovators and users through IPR awareness and education"** by **Dr. Sudha Dantuluri** from Dayanand Sagar University for GCC first year students. It was for creating awareness among the students on ideation to protection ideas through Intellectual property rights. The session served as an enlightening journey from the inception of ideas to their protection, outstanding the vital concept of design thinking. The main outcome of this session was awareness on design thinking process and appreciation for creativity and innovation.

Training

Four days training program was organized on **"Aptitude and Soft Skills"** from 14th Aug 2023 to 17th Aug 2023 by Gopalan Skill Academy for GCEM final year students at GCEM Seminar hall. Resource person **Mr. Karthikeyan** was an experience expert in the field of aptitude and soft skills with experience in training college students to people from Industries. The training focused on aptitude, problem solving sessions and soft skills for students.

Internships

Following students from Gopalan College of Engineering successfully completed their Internship for 4 weeks duration at Gopalan Skill Academy.

- Jogade Chaitrali Santosh
- Neeraja N
- Spoorthi N
- Rakshita M

Mock Interviews

Mock interviews were conducted by a panel of industry experts on 19th Aug 2023 for GCEM final year students at placement cell, GCEM. The industry experts were **Mr Avinash S and Darshan Murthy** from Walmart Labs, **Mr. Mahantesh** from Movicare Labs and **Mr. Joseph Sajan** from Think Alive Pvt Ltd. The interviews were conducted in order to give real interview experience to the students. The panelists conducted one-to-one interview with each student present and gave individual feedback to the students on their performance.

Certification

Two weeks certification program on **"Python Basics"** was conducted from Gopalan skill Academy from 16th Aug 2023 to 30th Aug 2023. Certification was conducted by Mr. Kartheek G C R from GCEM, which was open for all. Python Basics Certification training is an entry level certification training program developed for anyone who wants to learn problem solving using Python.

Other Event

Gopalan Skill Academy organized a **public screening of Chandrayaan 3 Landing** on a big LED screen at Gopalan Amphitheater. Chandrayaan 3, the Indian third lunar mission achieved a historic milestone by successfully landing the Vikram lander near the lunar south pole. India became the first nation to perform the soft landing and position a rover called "Pragyan" near the southern pole. Several people gathered at the live screening hosted by GSA to witness this historic achievement by the nation.
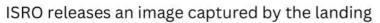

Article

Chandrayaan 3 - India's Lunar Mission

Chandrayaan 3, India's third lunar mission achieved a historical milestone by successfully landing on the moon's far side after a month-long journey through space. India became the first nation to position a rover near the southern pole, with the landing velocity well within test limits.

ISRO releases an image captured by the landing

imager camera, revealing a single segment of Chandrayaan 3's landing site along with the shadow of a leg. The chosen landing site is a relatively flat region on the lunar surface.

A communication link was established between the Chandrayaan 3 Lander and mission control in Bengaluru on Wednesday the 23rd Aug 2023. This connection adds redundancy as the link between Vikram Lander and Chandrayaan 2 was already in place before the descent, ensuring dual communication options from the moon in case one falls.

Live screening was done by Gopalan Skill academy at Amphitheatre on 23rd August 2023 on Wednesday. The program cover descended from the Vikram Lander and undertook the first moonwalk utilizing a 2 segment ramp, the rover safely rolled down into the lunar surface. Equipped with a solar panel for power generation, the rover's activities were documented through multiple ideas shared by ISRO later. The Indian space agency confirmed on Thursday that all Chandrayaan 3 Mission activities are proceeding as planned and all systems are functioning normally.

The Pragyan rover and Vikram Lander performed a set of testing on the lunar surface for one lunar day i.e, 14 Earth days before the temperature drops below 200 degrees Celsius above the tolerance level of the Chandrayaan 3 instruments.

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Our Vision

To be the most responsible Learning and Skill Development Partner, enabling sustainable transformation.

Our Mission

To foster an ethical environment founded on human values in which both knowledge and skill thrives to enrich the quality of life.

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