



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi

6 Engg. Courses Accredited by NBA, New Delhi

NAAC Accredited with A+ Grade



FEBRUARY 2022- INSTITUTION LEVEL ACTIVITIES

EVENT 1: DSATM conducted a Fire Safe Demo for all the Staff of DSATM on 22/01/2021 by the Vendor Fast fire Service, Bangalore. An awareness on the types of Gas Cylinders, and its usage was delivered.

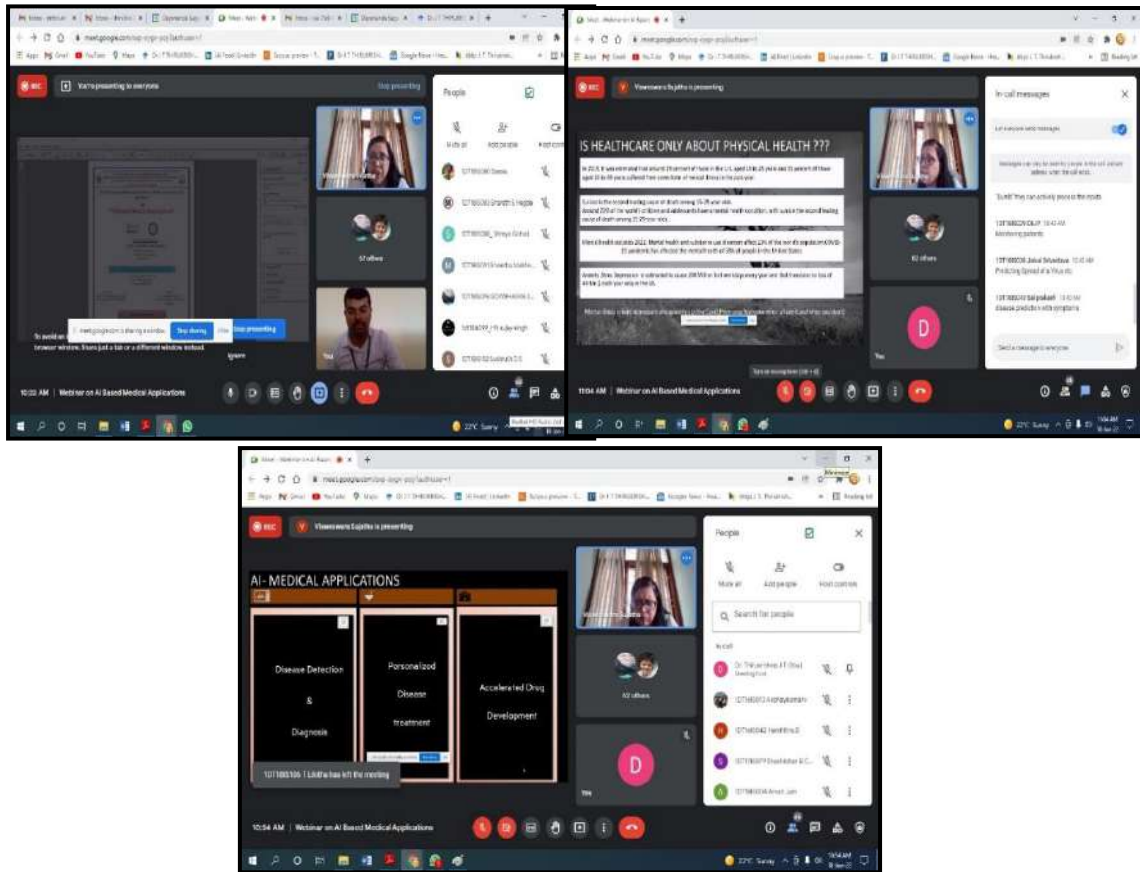




FEBRUARY 2022- DEPARTMENT LEVEL ACTIVITIES

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

EVENT 01: Dr. J.T Thirukrishna organized webinar on “AI based Medical Applications” on 18th January 2022 for 7th Semester Students of ISE, about 71 students of ISE department participated in the session. The technical session focused on Industry exposure on Artificial Intelligence based Medical Applications and Real time Medical applications tools used in Artificial Intelligence. The Resource person’s were Mrs. Sujatha Visweswara, CEO and Co-Founder, DigiNxtHlt Solutions, Bangalore and Mr. Sridhar Pallia, Director, DigiNxtHlt Solutions, Bangalore



EVENT 02: FACULTY ACHIEVEMENT: Dr.G Manjula has completed certification on “Fundamentals of Digital Research”. The certification was issued on 21 February, 2022. The certification was based on knowledge of the technology landscape in clinical research.



EVENT 03: FACULTY ACHIEVEMENT: Dr. Pooja Nayak S has been awarded **Educator Training Certificate** for completing Celonis Academic Educator Training Program.



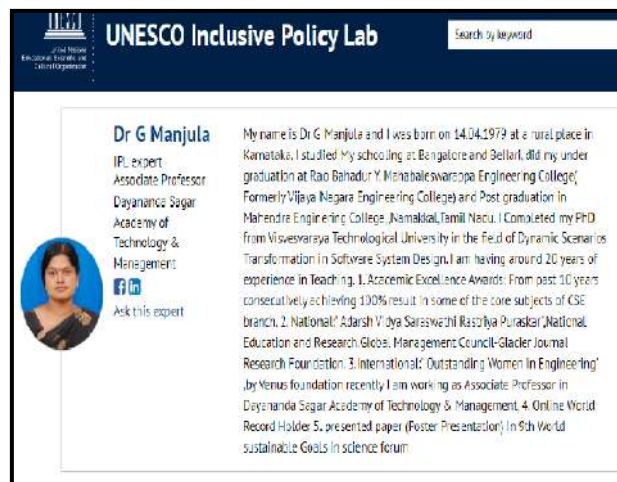
EVENT 04: FACULTY ACHIEVEMENT: Dr. Anusha Preetham has secured **Runner-up** position in the Annual Inter Collegiate Staff Tournament of PES University, Bangalore. The Tournament was held from 25th to 27th February, 2022.



EVENT 05: FACULTY ACHIEVEMENT: Dr. Pooja Nayak S has participated in Badminton Men/Women in the Annual Inter Collegiate Staff Tournament of PES University, Bangalore and was eligible for Final round .The Tournament was held from 25th to 27th February, 2022.



EVENT 06: Dr.G Manjula G was honoured by **UNESCO** (United Nations Educational, Scientific and Cultural Organization) to be an expert in UNESCO Inclusive Policy Lab.



EVENT 07: FACULTY ACHIEVEMENT: Mrs. Priya Nandihal has successfully completed her PhD degree on 24th February 2022.



EVENT 08: VGST PROPOSALS

S.No	Proposal Title	PI, CO-PI	VGST Scheme
1	Efficient Detection and Identification of CORONA VIRUS using KERAS based Deep Learning	Dr.J.T.Thirukrishna: PI Dr. S Pooja Nayak: Co-PI	RGS/F
2	FDP on Recent advancement in data science	Dr. Rashmi Amardeep PI, Dr.J.T.Thirukrishna: Co-PI	FDP
3	Faculty Award	Dr.J.T.Thirukrishna	Award for Research Publication (ARP)
4	Facilitating Data Centric Security Management and Implementation in ISO Standards	Dr.RaviShankar M:PI Dr.Priya Nandihal:Co-PI	K-FIST Level 2

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

EVENT 01: Seminar Program on “Research Methodology & its Pathways

Date: 4-2-2022, 11.30 am

Speaker: Dr S G Sreekanth Swamy, Executive Secretary, Karnataka State Council for Science and Technology, Indian Institute of Science, Bengaluru

Venue: 4th floor, Seminar Hall, A block. DSATM

Participants: Faculties of DSATM.

No of participants: 35



EVENT 02: Study abroad career counselling session

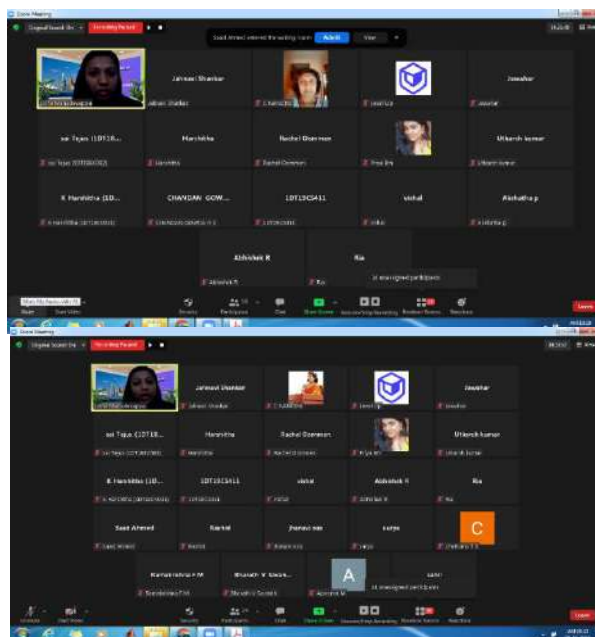
Date: 5-Feb-2022

Speaker: Usha Mahadevappa, Senior Manager, Leap Scholar

Venue: Online

Participants: 7th semester students

No of participants: 24



EVENT 03: Scholarship Interview in Dayananda Sagar Academy of Technology & Management for SKF Team

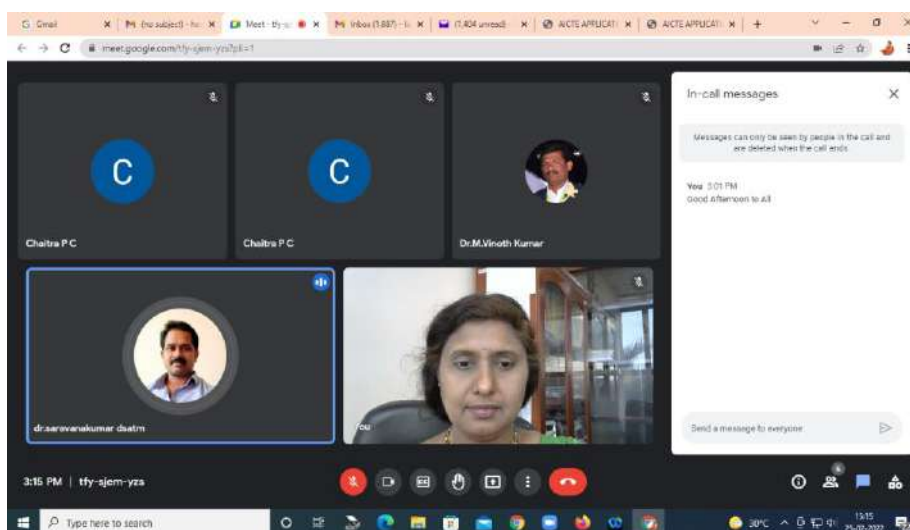
Date: 25-2-2022

Speaker: Ramya M ,Project coordinator - Education,United Way Bengaluru



EVENT 04: Research Centre Activity

- Comprehensive Viva of Research Scholar Mrs Chaitra P C , in the presence of Research Center Head Dr C Nandini, Vice Principal, Head of Department CSE, under the guidance of Dr Saravanakumar preceded by DC committee members Dr M Vinoth Kumar and Dr Rajesh T M was held on 25-Feb-2022 at 3 pm



EVENT 05: Student Achievement

- Sambhav Jain of 7th semester, Computer Science and Engineering Department is selected as Top 87 engineers in India in a contest by Economic Times named as Economic Times Campus Stars.



EVENT 06: Faculty Achievement

- Dr Prashanth CM, Bhasker Rao K and K Deepa Shree successfully completed the 10-day Idea to Patent Course by Turnip Innovations



FACULTY PUBLICATIONS DETAILS

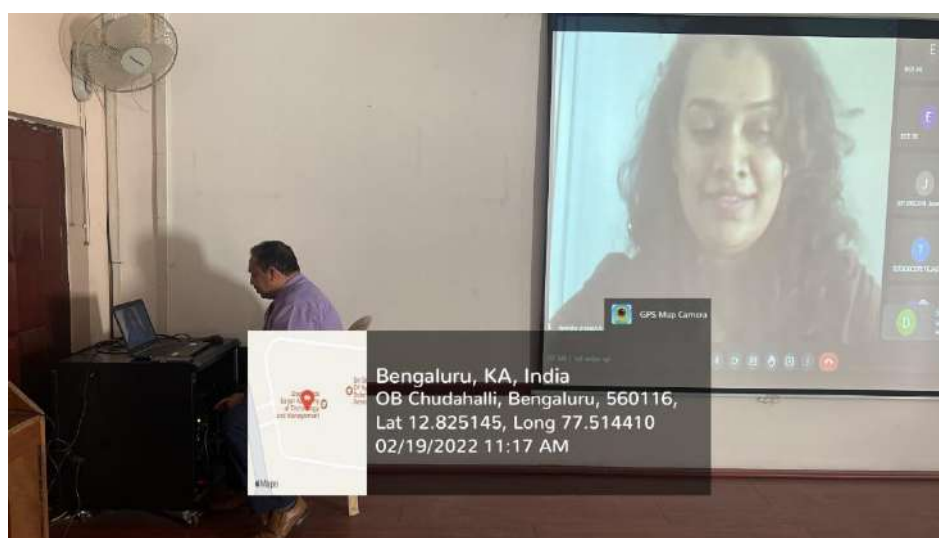
Sl. No	Faculty name	List of publications
1.	Dr C Nandini, Shiv Sumanth Reddy	'Detection of Communicable and Non-Communicable Disease using Hyper Parameter Optimization with Bi-LSTM Model in Pathology Images', (IJICC-11-2021-0260.R1) in International Journal of Intelligent Computing and Cybernetics.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EVENT 01:

Event Name	Career opportunities in semiconductor industry and skills required
Theme	Alumni Talk
Alumni Name	Deeksha Prakash, Firmware Engineer Samsung semiconductors San Jose California
Date & Time	22-02-2022 11.00AM
Mode	Online
Coordinator	Dr. Siddalingappagouda Biradar

Objective of the Event: To give the awareness about the opportunities in semiconductor industries for 3rd semester ECE students.





Faculty Publications: Nil

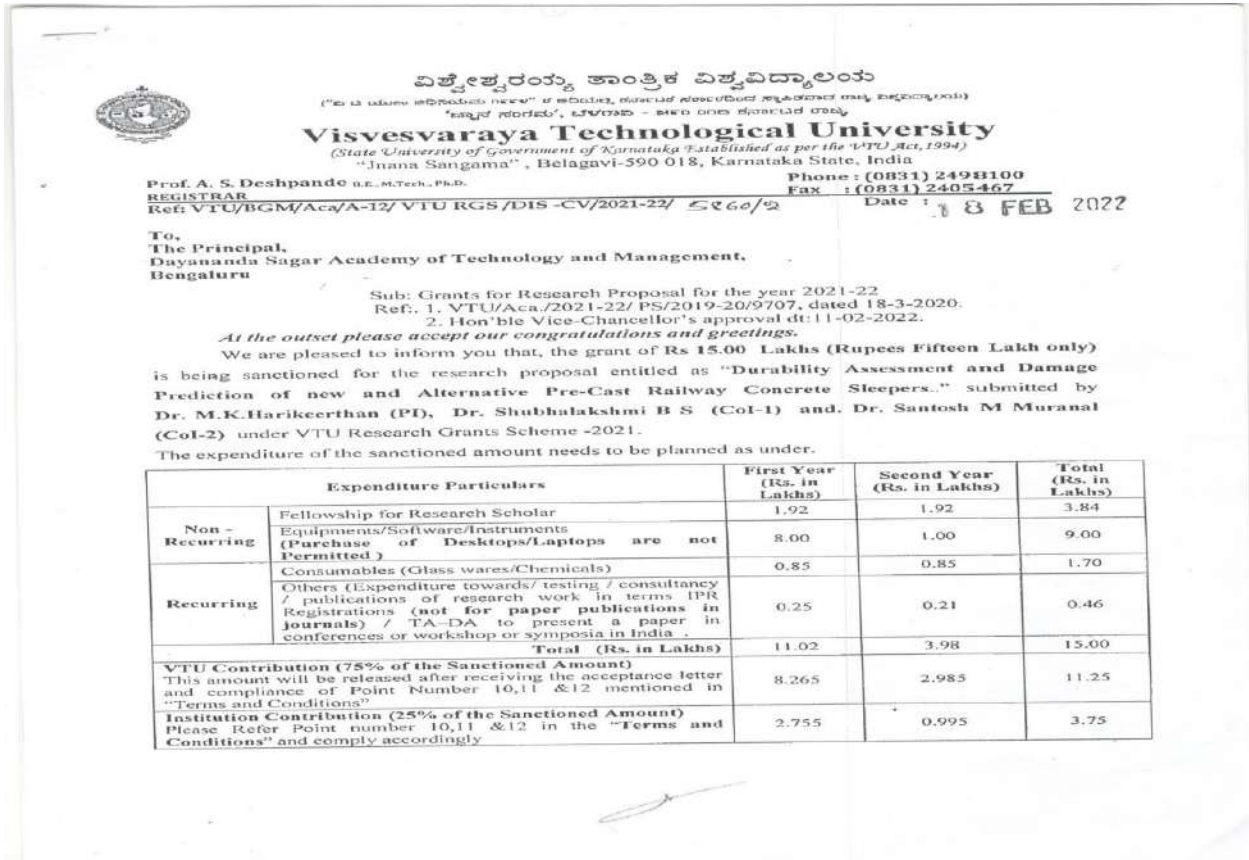
Faculty Participations: Nil

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT MONTHLY REPORT – (JAN-FEB 2022)

EVENT 1: Department Achievement: VTU-RGS: 2021-2022 Project Proposal Sanctioned

Proposal Name	VTU-RGS 2021-2022
Theme	“DURABILITY ASSESSMENT AND DAMAGE PREDICTION OF NEW & ALTERNATIVE PRE-CAST RAILWAY CONCRETE SLEEPER”
Duration	2 years
Grant Amount	Rs 15.00Lakh
Principal Investigator	Dr. Shubhalakshmi.L Asst Prof.



FACULTY ACHIEVEMENTS

Sl. No	Name of the Staff	Name of the Event Attended/ Title of Paper Presented	Organizing Institute
1.	Dr. K.N Vishwanath	On line Workshop on: "Self Healing Concrete: Promising New Development in Concrete Technology"	Ultra Tech & ICI-BENC: Jan 08, 2022

2.		“Structural Audit, Repair, Rehabilitation & Retrofitting of buildings: Process & Methodology.” Webinar	Ultra Tech & ICI-BENC: Jan 28, 2022
3.		One Week Orientation / Refresher course on “Recent Advancements in Environmental & Water Resource Engineering”	AICTE –ISTE sponsored Refresher course: Dec 28 2021 to 04 Jan 2022: Kaleshkar Technical Institute, Panvel MUMBAI
4.		Online Seminar on “Bridges with External Pre-stressing: Future of Bridge Construction in India”	Ultra Tech & ICI-BENC: Feb 26, 2022



CERTIFICATE

PROUDLY PRESENTED TO

**VISHWANATH
KOTIRGANAHALLI
NANJUNDRGOWDA**

Self-Healing Concrete: Promising New Development
in Concrete Technology

Jan 8, 2022

Date of Completion

UltraTech Cement Ltd.

Organizer



CERTIFICATE

PROUDLY PRESENTED TO

Dr. VISHWANATH K N

Structural Audit, Repair, Rehabilitation &
Retrofitting of Buildings: Process & Methodologies

Jan 29, 2022

Date of Completion

UltraTech Cement Ltd.

Organizer





Anjuman-I-Islam
**Kalsekar
Technical
Campus, Panvel.**

School of Engineering & Technology
School of Architecture
School of Pharmacy

Sector -16, Plot # 2 & 3, Near Tharia Naka,
Tq-Panvel, Dist-Rajgad, (M.S.)

Recent Advancement in Environmental & Water Resources Engineering

This is to certify that,

VISHWANATH K N

From Dayananda Sagar Academy Of Technology And Management Bengaluru, has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Recent Advancement in Environmental & Water Resources Engineering”** held during **29.12.2021 to 04.01.2022** organized by Civil Engineering department of Anjuman-I-Islam Kalsekar Technical Campus, School of Engineering & Technology, New Panvel, Navi Mumbai, Maharashtra.

Dr. Rajendra Hagar
Professor & Head
CET Department

Dr. Abdul Karim Honnutagi
Director
AKTC, Panvel

(Bishan Harit)
Hon. Exe. Chairman,
BINM, AI

www.aktc.ac.in

www.iste.ac.in

www.aictc.ac.in



CERTIFICATE

PROUDLY PRESENTED TO

Dr. VISHWANATH K N

Bridges with External Prestressing: Future of Bridge
Construction in India

Feb 26, 2022

Date of Completion

UltraTech Cement Ltd.

Organizer



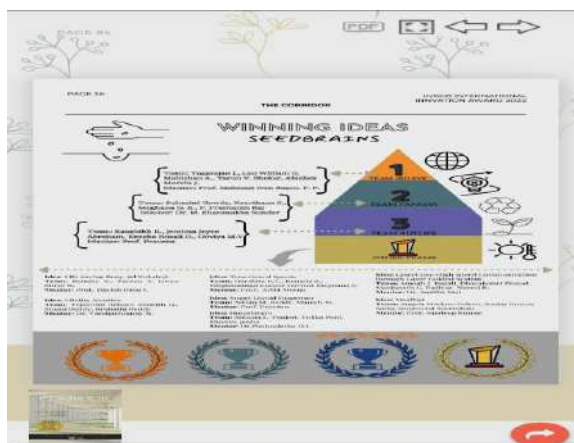
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

EVENT 01: An Alumni Tech talk on “Present & Future Job Opportunities for E & E Engineers?” by Mr. Abhishek Kumar, Associate Software Engineer, Bosch Global Software Technologies was organized for 3rd Semester Students on 26th February 2022



Students Achievement

Ms. Suhasini Gowda, 7th sem EEE student, under the mentorship of Dr. Shanmukha Sundar, Professor, Dept. of EEE, DSATM won 2nd prize in “WINNING IDEAS Seed Brains” INBCB Invention Award 2022 organized by THE CORRIDOR.



Faculty Achievement

Prof. Monika K M won 2nd prize in Badminton in Annual Inter Collegiate Staff Tournament of PES University, Bangalore held from 25th to 27th February, 2022.



DEPARTMENT OF MECHANICAL ENGINEERING

EVENT 01: FACULTY PARTICIPATED IN 5 DAY FDP AT SCHOOL OF ENGINEERING, PRESIDENCY UNIVERSITY, BENGALURU.

Prof. Vijayavardhana C, Assistant Professor, Department of Mechanical Engineering, Dayananda Sagar Academy of Technology and Management, Bengaluru, has participated in 5 day FDP on “No code AI” Organized by department of Mechanical Engineering, School of Engineering, Presidency university, Bengaluru, held from 01/02/2022 to 05/02/2022.



MASTER OF BUSINESS ADMINISTRATION

EVENT 01:

Event Name	‘EMPSIS National Strength Design – Strengths Profiling of Students’: by Mr. Prasanth Palakkadiyil, Founder & Chief Business Facilitator, EMPSIS Solutions Global
Theme	Personal Strengths Profiling for Students
Date	26 th December 2021 to 5 th January 2022
Venue	Innovation Lab, M-301, 09:30 am to 05:30 pm
Participants	3 rd Semester students of MBA 2020-22 batch and selected students from some branches of engineering – coordinated by Simha VLN

Objectives of the Program / Event

- To give feedback to students on their personal and professional strengths based on the ‘EMPSIS National Strength Design – Strengths Profiling’ evaluation module.
- To advise them on the suitability of different sectors of industry for employment, including careers in Entrepreneurship.
- To make them realize the best suited job profiles as per their Skills-Strength profile match.



Details about the Activity:

The strengths profiling of students was spearheaded by Mr. Prasanth P, Founder & Chief Business Facilitator, EMPSIS Solutions Global in continuation of the previous sessions conducted on 30th November 2021 and 11th December 2021.

The students were evaluated on the EMPSIS National Strength Design – Strengths Profiling module given to them earlier during the orientation sessions. Strengths Profiling module was implemented to all the MBA students of the 3rd semester, belonging to the 2020-22 batch. There was also participation from the students of CSE, ISE, ME, and ECE departments.

The total participation strength was about 110 students from the branches of engineering and management. The students felt happy and fulfilled by going through the profiling session, as they could realize their intrinsic strengths suitable for their employment and their future careers.

Each student was called to the Innovation lab, one by one and the profiling session was conducted for around 30 minutes, to analyse the strengths and weakness of individual students. The entire counseling sessions were conducted between 26th December 2021 to 5th January 2022. It was an enriching experience for all the students, as it was a new method of evaluating them.

Measurable outcomes, w.r.t. realization of Vision:

- The majority of the students could easily understand and identify their domain specific strengths to fit into the requirements of various sectors of their choices.
- Many students could identify their strengths with respect to entrepreneurship opportunities.

EVENT 02: MOCK NAAC Team Visit on 18th and 19th January'2022



The NAAC Mock visit was scheduled on 17th and 18th January 2022. The Mock team member visited the MBA department on the 17th Evening and 18th Morning. The Mock team member reviewed NAAC criteria documents and other relevant MBA files. Dr. Anjana Devi SC, HOD In charge presented the MBA department activities. The committee provided the feedback to improve upon and these suggestions were implemented for the final NAAC Peer team visit.

SCHOOL OF ARCHITECTURE

EVENT 01: SHORTLISTED FOR ANNUAL NASA DESIGN COMPETITION 2021-22

SOA Students Design entry got shortlisted in annual NASA design competition 2021-22, (NATIONAL ASSOCIATION OF STUDENTS OF ARCHITECTURE).The Project brief was as follows.

Solace of a Soothing Shade in the Oppressive Heat of Day:

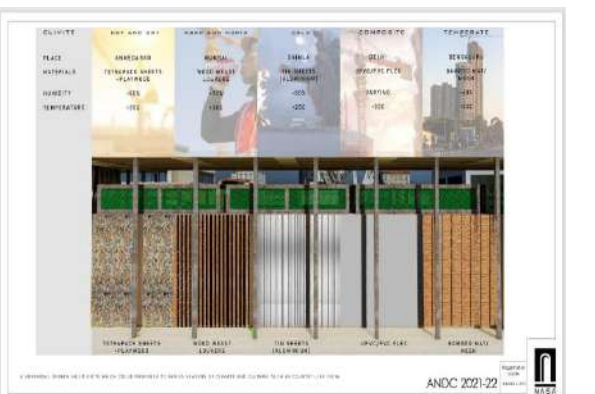
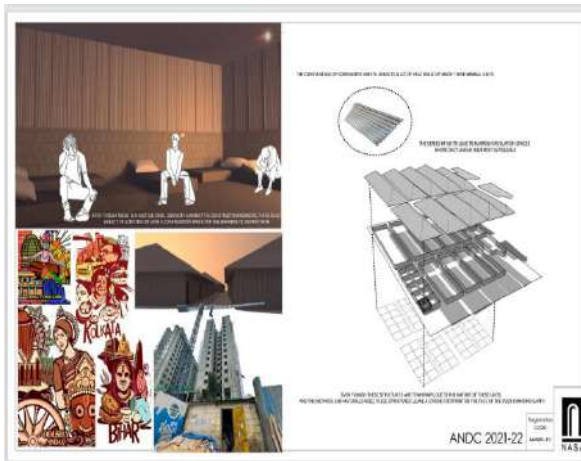
To Design a mobile settlement to shelter construction labourers of the medium scale project. The design must be collapsible and easily employed over a variety of terrain, stages of construction and weather conditions. The design, most importantly, must address the core problems concerning safety, security, privacy and right to dignified lives for the labourers. The design units must be able to adapt to various iterations of arrangement that would be called for at different points in the construction process.

SOA Students design entry got shortlisted among the top 104,in entries pan India level .

Participants: Susprihaa Chakroborty ,Yashas Pattanshetty,Nithin Arun ,John Arul(7th Semester),Jayant V Nath,Apoorva Rai,Robin Gidwani,(5th Semester)Shivangi Upadhyay,Mohshina D,Rushikesh,Rithika Joannah,Druva S(3rd Semester)

ANNUAL NASA DESIGN COMPETITION, TOP104 SHORTLISTED ENTRIES | 2021-22

Z409	Department of Architecture, BIRLA Institute of Technology (Deemed University),Mesra	64ANDC-321
Z420	Rani Rashmoni School of Architecture, Sanaka Educational Trust's Group of Institution	64ANDC-8
Z423	Faculty of Architecture, A.P.J.Abdul Kalam Technical University	64ANDC-232
Z424	Department of Architecture, National Institute of Technology, Patna	64ANDC-150
Z432	Om Dayal School of Architecture	64ANDC-12
Z432	Faculty of Architecture,APJ Abdul kalam Technical University	64ANDC-233
Z432	Om Dayal School of Architecture	64ANDC-11
Z435	School of Architecture and Planning, KIIT University	64ANDC-144
Z436	Techno India University School of Architecture, Kolkata	64ANDC-33
Z440	Department of Architecture,North-eastern Hill University,Shilong	64ANDC-180
Z440	Department of Architecture,North-eastern Hill University,Shilong	64ANDC-179
Z501	School of Planning and Architecture, Jawaharlal Nehru Architecture and Fine Arts University	64ANDC-136
Z504	BMS College of Architecture	64ANDC-113
Z504	BMS College of Architecture	64ANDC-114
Z504	BMS College of Architecture	64ANDC-112
Z506	Department of Architecture,KLETU	64ANDC-59
Z506	Department of Architecture,KLETU	64ANDC-57
Z506	Department of Architecture,KLETU	64ANDC-58
Z511	M S Ramaiah Institute of Technology	64ANDC-304
Z511	M.S.Ramaiah Institute of Technology	64ANDC-305
Z514	CSI Institute of Technology	64ANDC-221
Z524	School of Planning And Architecture,Vijayawada	64ANDC-296
Z524	School of Planning and Architecture, Vijayawada	64ANDC-295
Z532	J.B.R.Architecture College	64ANDC-299
Z535	School of Architecture,DSATM	64ANDC-313
Z544	Vaishnavi School of Architecture And Planning,Vijayawada	64ANDC-350
Z544	Vaishnavi School of Architecture And Planning,Vijayawada	64ANDC-349
Z546	Angadi School of Architecture	64ANDC-310
Z548	Aurora's Design Institute	64ANDC-346
Z551	Faculty of Architecture,PES University	64ANDC-266
Z551	Faculty of Architecture, PES University	64ANDC-264
Z601	School of Architecture And Planning,Chennai	64ANDC-237



EVENT 02: AD 3 REVIEW CONDUCTED

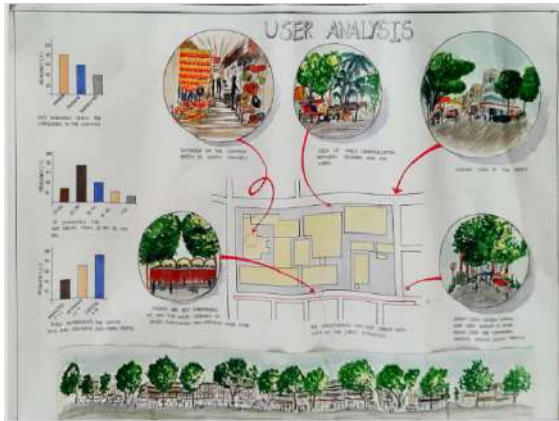
Prefinal Review Conducted for Architectural Design -III on 18th February 2022.

The objective of the studio was to enable students to understand the process involved in the transformation of space into a place, through Place making exercise.

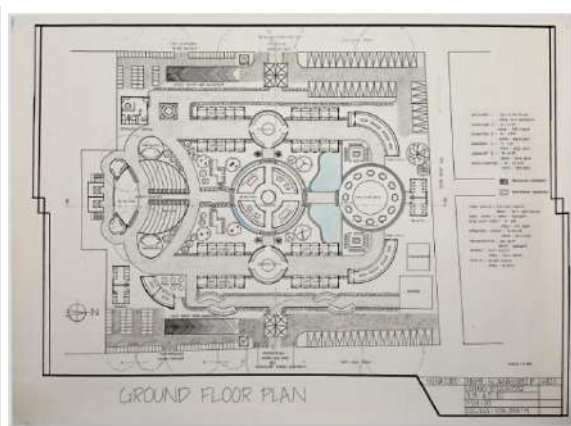
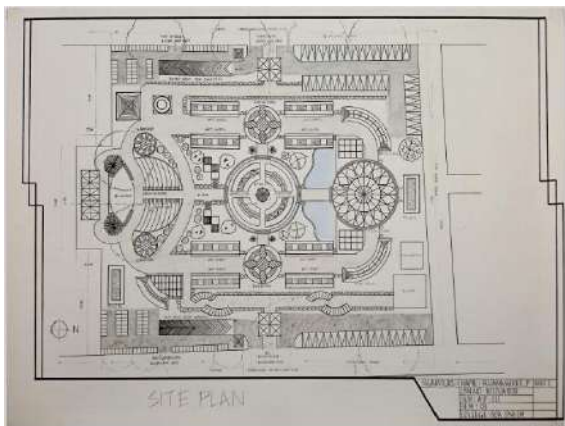
Analysis and documentation of Jayanagara BDA complex, followed by individual design work to revive the precinct was the intent of the studio. Jury panel including Ar. Vidya, Ar. Shehzadi, Ar. Aparna, Ar. Manali, Ar. Piyush & Ar. Monica along with subject faculties Ar. Anushruti, Ar. Radha & Ar. Vandana evaluated students for their understanding of the problem, Design solution & Presentation.

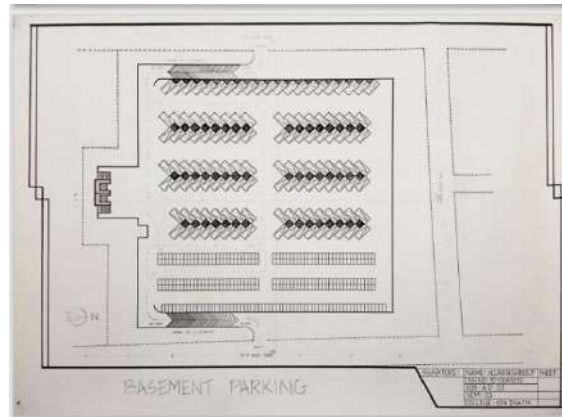


Students explaining Jayanagara BDA Complex Documentation through physical model & Presentation sheets, Infront of the jury members.

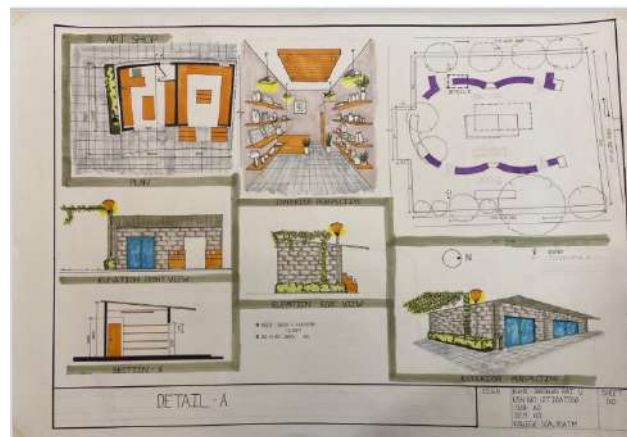
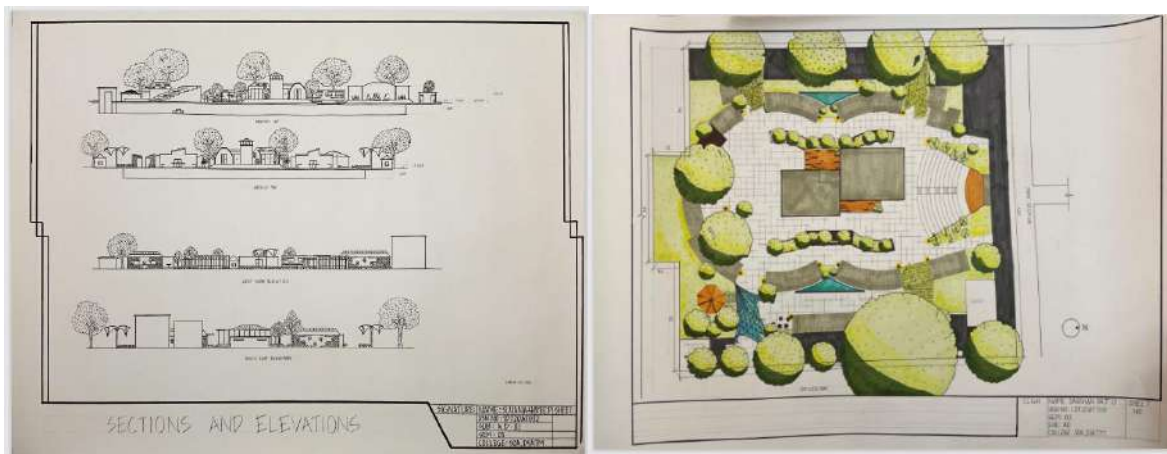


Documentation of Jayanagara BDA Complex Documentation





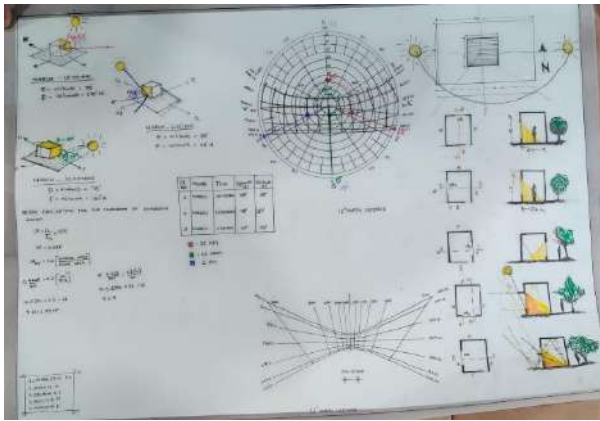
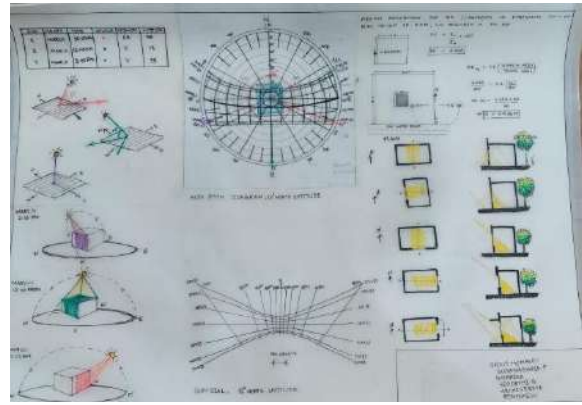
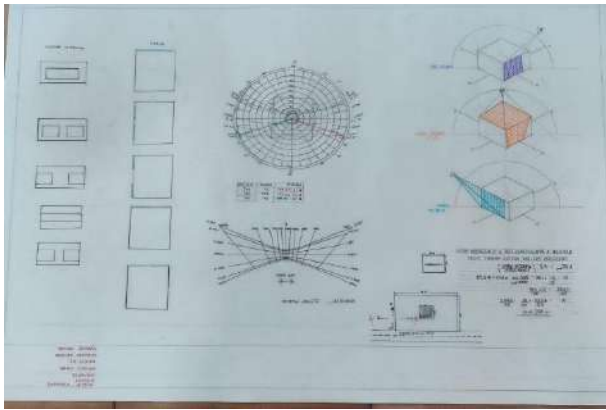
Individual Design Intervention by Sujanashree(1DT20AT032)



Individual Design by Darshan Raj.U(1DT20AT010)

EVENT 03: CLIMOTOLOGY WORKSHOP

Workshop conducted on “Window & Shading device designing ” on 24th February 2022 as part of Climatology for 3rd semester students by Ar.Monica Sharma .Subject Faculty :Anushruti. Students actively participated in the hands on workshop.



EVENT 04: HISTORY OF ARCHITECTURE I- COLLAGE EXHIBITION

As part of History of Architecture I, 1st semester students exhibited collage made on different topics. The exhibition covered the various aspects of Early Civilizations including Prehistory, Egyptian Civilization, Mesopotamia, Indus Valley Civilization and their architectural characteristics. The students were also exposed to important factors which led to their development. Subject faculty Prof. Shabbir Lehri



EVENT 05: THESIS FINAL JURY

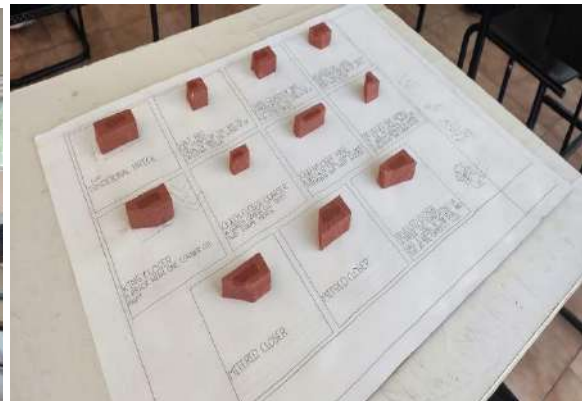
Thesis Final Jury conducted on 11th & 12th of February. Ar.Ganapathy, Ar.Savita Rao, Ar.Jayaram Kumar & Ar.Ananth Ramu were external examiners.

EVENT 06: MMBC I -MODEL MAKING & SKETCHING EXERCISE

As part of the subject Materials & Methods of Building Construction 1, first semester Students did

an extensive model making and sketching exercise on Brick bats, Brick bonds & Stone masonry

Subject Faculty: Ar.Piyush Pant ,Ar.Shehzadi Fara Khan



EVENT 07: ROTARACT CLUB SOA DSATM BOARD MEETING

Rotaract Club Members from SOA DSATM conducted a meeting to plan their upcoming activities on 26th February. Members had a discussion with Rtn. Abraham Varghese, Youth Service Director, Rtn. Dr. Subhashini, President of Rotary club of Utkristha.& D L V Sharma, District Secretary of District on 28th Feb. The meeting Agenda was Introduction on club activities. Explained the role of service directors and the types of club funding.



EVENT 08: BASIC DESIGN EXERCISE

Students of 1st Semester were introduced with deep alliance between architecture and the performing arts, uncovering its roots in ancient stories, and tracing a continuous tradition of thought that emerges in contemporary practice. With fresh insight, the students were asked how buildings perform with people as partners, rather than how they look as formal compositions. They focus on actions: the door that offers the possibility of making a dramatic entrance, the window that frames a scene, and the city street that is transformed in carnival
Subject Faculty :Ar.Monica Sharma,Ar.Shabbir Lehri,Artist .Prachi



MASTER OF COMPUTER APPLICATION

EVENT 01: PG Inauguration

Date: 17/02/22

Dayananda Sagar Academy of Technology and Management, Bengaluru organized the PG Inauguration for the batch of 2021-2023 MCA & MBA students on 17th February, 2022. The programme started with invocation song by Pooja R ,3rd Semester MBA Student followed by Lighting of the lamp by the dignitaries. The welcome address was given by Dr Manjula Sanjaya Prof & Head Department of MCA. The opening remarks was given by Dr M Ravishankar, Principal-DSATM. Dr Sumithra Devi K A Dean Academics, prof.& HOD-ISE, Mr. Surya Kanth Kulkarni, Director-Admissions, DSATM, addressed the gathering. Dr Anjana Devi S C Associate professor & I/C Head-MBA proposed Vote of Thanks.




EVENT 02: GitHub

Value added course


Date:26/2/22 Session 1 Completed

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT
 (Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)
 Udayapura, Opp. Art of living, Kanakapura main road, Bangalore-560082



Add On Course For GITHUB, Implementation & Documentation 2021-2022

**Organized By
 Master of Computer Application**



Sl.No.	Date	Topics
1.		<ul style="list-style-type: none"> ❖ Introduction to GitHub. ❖ GitHub Repositories.
2.		<ul style="list-style-type: none"> ❖ Manual repository setup. ❖ <code>config.yml</code> file.
3.		<ul style="list-style-type: none"> ❖ The template block. ❖ The before block. ❖ The steps block as triggers.
4.		<ul style="list-style-type: none"> ❖ Writing , Testing and publishing responses. ❖ Learning paths.
5.		<ul style="list-style-type: none"> ❖ GitHub Enterprise, installing apps and license uploading.



1 of 7

EVENT 03: Preplacement Activity Date:26/2/22

Department of MCA conducted preplacement activity For the 1st sem MCA students: Aptitude Assessment



FACULTY PUBLICATIONS DETAILS

Research Publications Details from 1/02/2022 till 28/02/2022

SL.NO.	AUTHOR	CONFERENCE/ JOURNAL NAME	TITLE OF THE PAPER	ISSN/VOL/DATE OF PUBLICATIONS
1	Dr. Manjula Sanjay	IEEE Xplore	Efficient Authentication for Securing Electronic Health Records using Algebraic Structure	DOI: 10.1109/ICEEC-COT52851.2021.9708050 , Feb, 2022
2	Dr. Manjula Sanjay	IEEE Xplore	Performance Analysis of Risk Factors of Obesity in Women using Artificial Neural Network	DOI: 10.1109/ICEEC-COT52851.2021.9708019 , Feb, 2022

Patents Details from 1/01/2022 till 28/02/2022

SL. NO.	AUTHOR	PATENT TITLE	DATE OF PUBLICATION
1	Usha Sree R	Deep Learning Techniques To Access The Network Security Aspect	05/02/2022
2	Kimmi Kumari	A Secure Blockchain Model To Protect Bitcoin Exchanges Over Cloud	25/02/2022